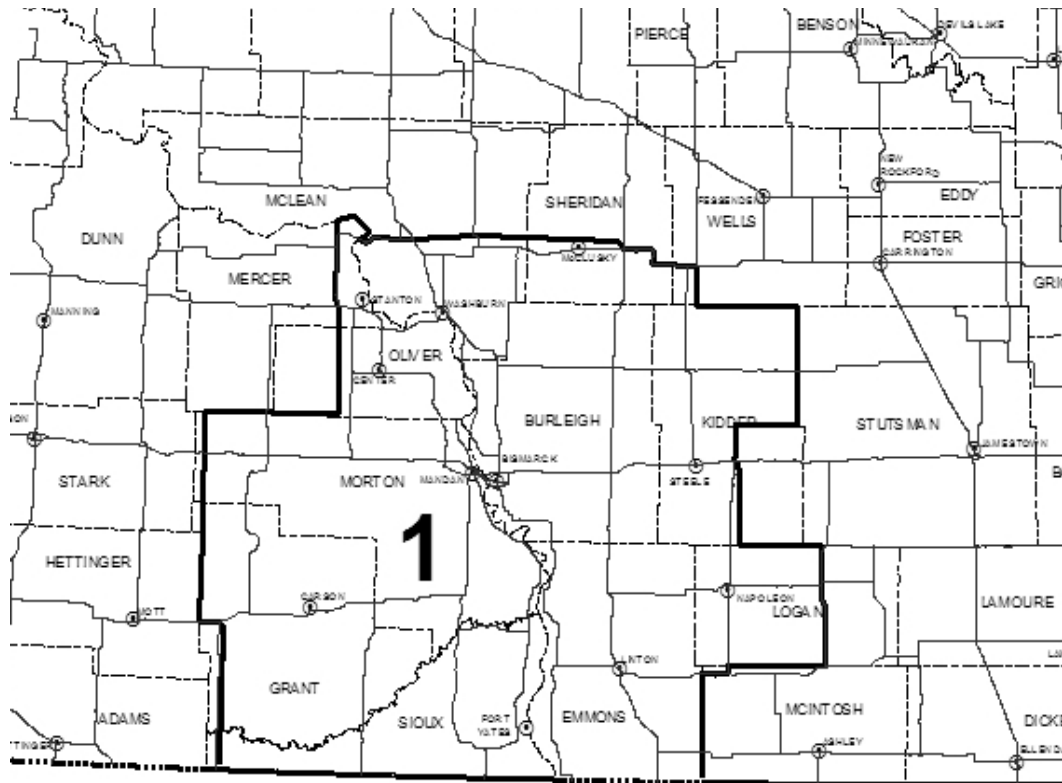


# NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

## BISMARCK DISTRICT HIGHWAY INFORMATION

2024 Data



PREPARED BY

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION**

BISMARCK, NORTH DAKOTA

Website: <http://www.dot.nd.gov/>

**DIRECTOR**

Ronald J. Henke, P.E.

**PLANNING/ASSET MANAGEMENT DIVISION**

SCOTT D. ZAINHOFSKY P.E.

**April 2025**

## INTRODUCTION

This report contains summary information of the pavement condition data collected in the fall of 2024. It is a compilation of information related to the pavement distress, IRI, traffic volumes, and construction history, of the North Dakota state highway system for the District referenced on the cover. Much of the data is presented in a more general form than its original source. While more detailed information can be obtained by going directly to individual files, this report provides an accurate overall picture of the state highway system for the referenced District. Similar books are available for the other 7 Districts.

### PAVEMENT MANAGEMENT CONDITION RATINGS

Category	Distress	IRI (in/mile)	Rut (in)
Excellent	>=97	0-60	<0.25
Good	91-96	61-99	0.25-0.37
Fair	84-90	100-145	0.38-0.50
Poor	<84	>145	>0.50

### DISTRESS SECTION RANKING

This section contains a ranking of all highway segments for the District sorted by distress score from worst to best. Automated "scoring" is done to arrive at a distress score. A distress score of 99 is the starting point and describes a pavement with no distresses. Deduct values are assigned to distresses and are subtracted from 99 to arrive at a distress score. The lower the distress score, the worse the pavement distress condition. Sections that were not scored will have a N/A in the distress score column.

### IRI SECTION RANKING

This section contains the ranking of all highway segments for the District sorted by the International Roughness Index (IRI) from worst to best. The IRI is a measure of pavement smoothness that is calculated from the longitudinal profile of the roadway surface. The higher the IRI, the worse the pavement surface smoothness. Sections that were not scored will have a N/A in the IRI column. The IRI category ranges were modified in fall 2008.

### MAINTENANCE SECTION RANKINGS

\*\*Due to software changes to the maintenance data system in 2004, we are not able to query this data at this time\*\*

### MISCELLANEOUS INFORMATION

Starting with data collected in 2018, the distress scores were calculated with a new method. The changes to distress scoring were:

- Microsurface and Thin Lift Overlay projects are reset to a distress score of 99 (if no cracking is visible) rather than the previous method of being assigned a 6 point patch score.
- Distresses are based on the percent severity of each type of distress within each mile rather than the worst severity of each distress for each mile.

Starting in 2018, the faulting was collected using the 3D system on the data collection vehicle.

Starting in 2013, pavement distress data was collected using Pathway Service's 3D automated crack detection and analysis system. The automated 3D system scores the entire mile rather than the first tenth of a mile as previously scored. NDDOT's existing distress deduct values were used with the 3D system.

As stated previously, the IRI ranges were modified in fall 2008. The following chart shows the history of the IRI ranges, since there was also a revision to the IRI ranges in 2004. This is provided for informational purposes only. Any past IRI value can be compared to the current ranges.

Category	2003 & earlier IRI Ranges	2004-2007 IRI Ranges	Current IRI Ranges (adopted 2008)
<b>Excellent</b>	0-60	0-80	0-60
<b>Good</b>	61-95	81-129	61-99
<b>Fair</b>	96-132	130-177	100-145
<b>Poor</b>	>=133	>177	>145

The following scale is used to categorize average rut.

Category	Rut (in)
<b>Excellent</b>	<0.25
<b>Good</b>	0.25-0.37
<b>Fair</b>	0.38-0.50
<b>Poor</b>	>0.50

Average rut (inches) is calculated as the average of the raw rut data collected for the mile. The rut deduct used in the distress score is arrived at by a severity analysis. The category, from the rut scale above, with the worst 20% of the values is used to assign the deduct.

PRPI and Ride scores are listed in this document; however, pavement management is no longer using these measures to describe ride quality. Refer to the IRI score and the IRI ranges to describe ride quality.

### On Line

All data found in this book is easily accessible and in more detail through the mainframe database. Contact the RIMS coordinator in your district or division or the Pavement Management Section of Planning/Asset Management Division if you need help in using the mainframe.

*This document was created by the Planning/Asset Management Division's Pavement Management Section. Please forward any comments on this document to Stephanie Weigel, PE, at 328-2528 or by email at [sjweigel@nd.gov](mailto:sjweigel@nd.gov). Further assistance pertaining to this document may also be obtained from Aaron Berger at 328-2411 or by email at [aberger@nd.gov](mailto:aberger@nd.gov).*

# LEGENDS

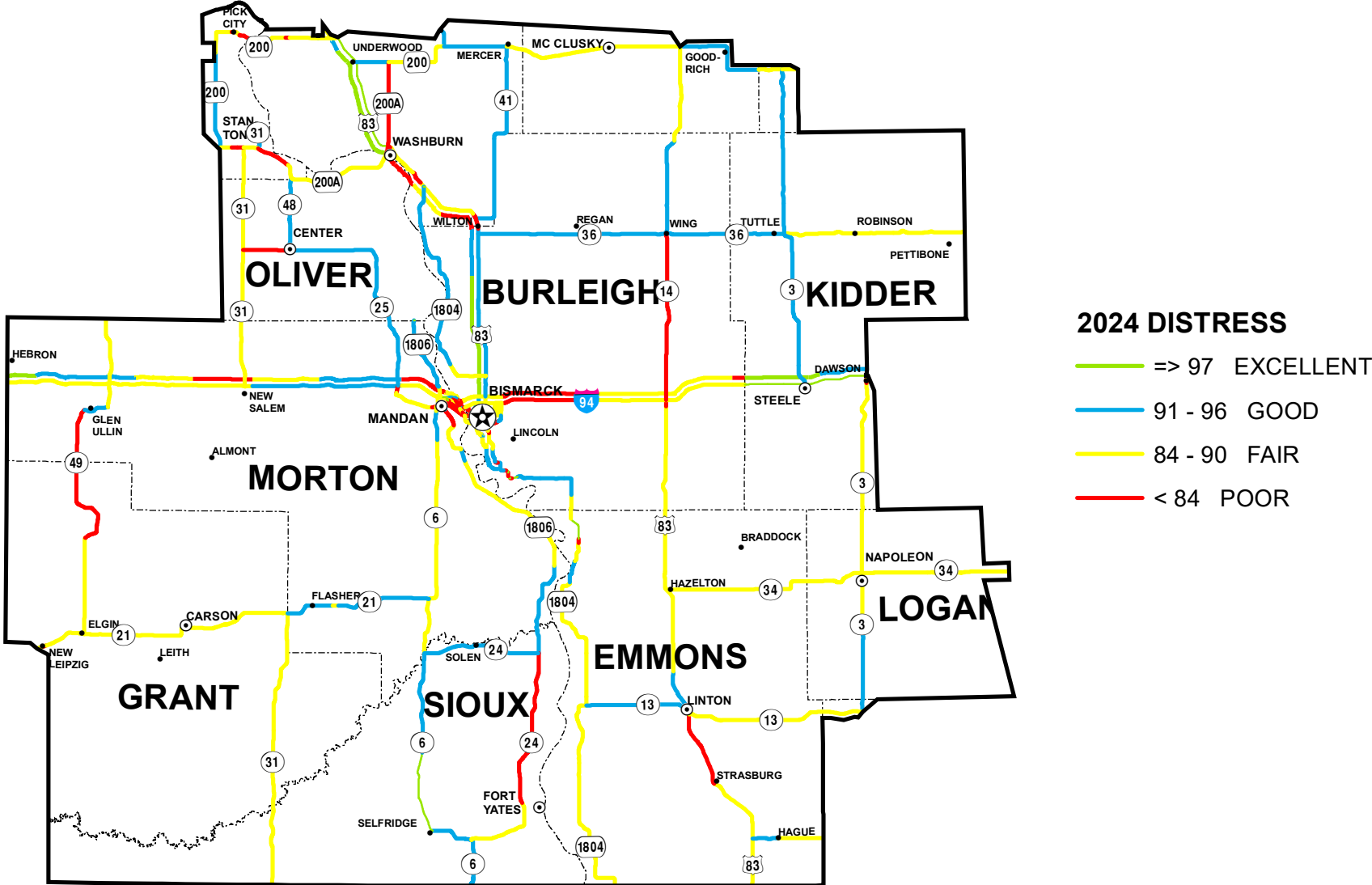
## DISTRESS

**DC**=•D• CRACKING, **LJS**=LONGITUDINAL JOINT SPALLING, **LC**=LONGITUDINAL CRACKING, **TC**=TRANSVERSE CRACKING, **TCS**=TRANSVERSE CRACK SPALLING, **BP**=BITUMINOUS PATCHING, **CP**=CONCRETE PATCH DETERIORATION, **BU**=BLOW-UP REPAIRS, **AC**=ALLIGATOR CRACKING, **BLD**=BLEEDING, **BC**=BLOCK CRACKING, **RW**=RAVELING AND/OR WEATHERING, **RT**=RUTTING, **CB**=CORNER BREAKS, **BS**=BROKEN SLABS, **CP**=CONCRETE PATCH DETERIORATION, **FLT**=FAULTING,

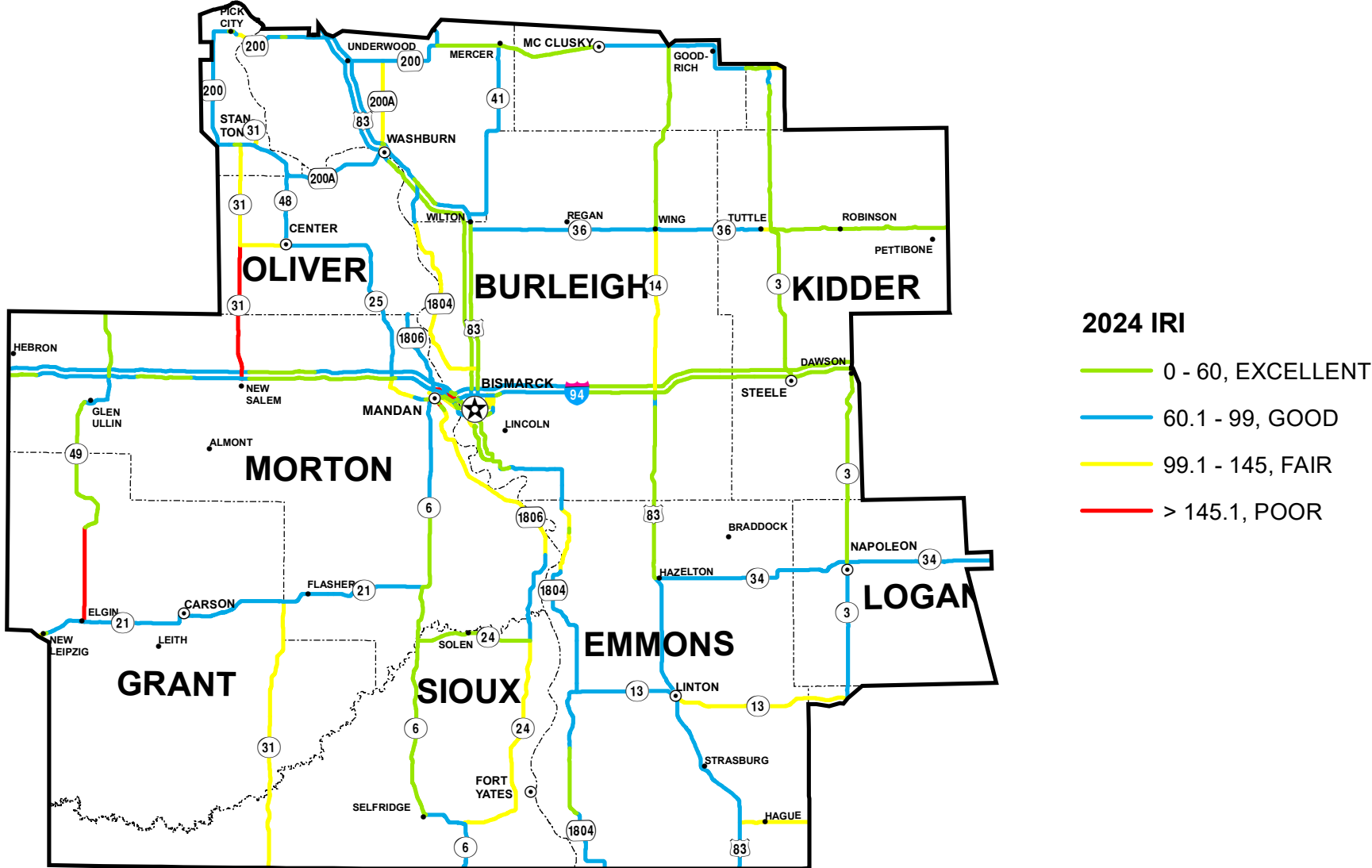
## MAINTENANCE

**BPC**=BLADE PATCHING COST, **HPC**=HAND PATCHING COST, **SPC**=SCOTCH PATCHING COST, **CPC**=CRACK POUR COST, **RFC**=RUBBER FILL COST, **SCC**=SEAL COAT COST, **SHC**=SHOULDER WORK COST, **CRC**=CONCRETE REPAIR COST, **RMC**=BITUMINOUS MILLING COST, **ROC**=ROUTINE ROADWAY OPERATIONS COST, **BOC**=CONTRACT BITUMINOUS OVERLAY COST.

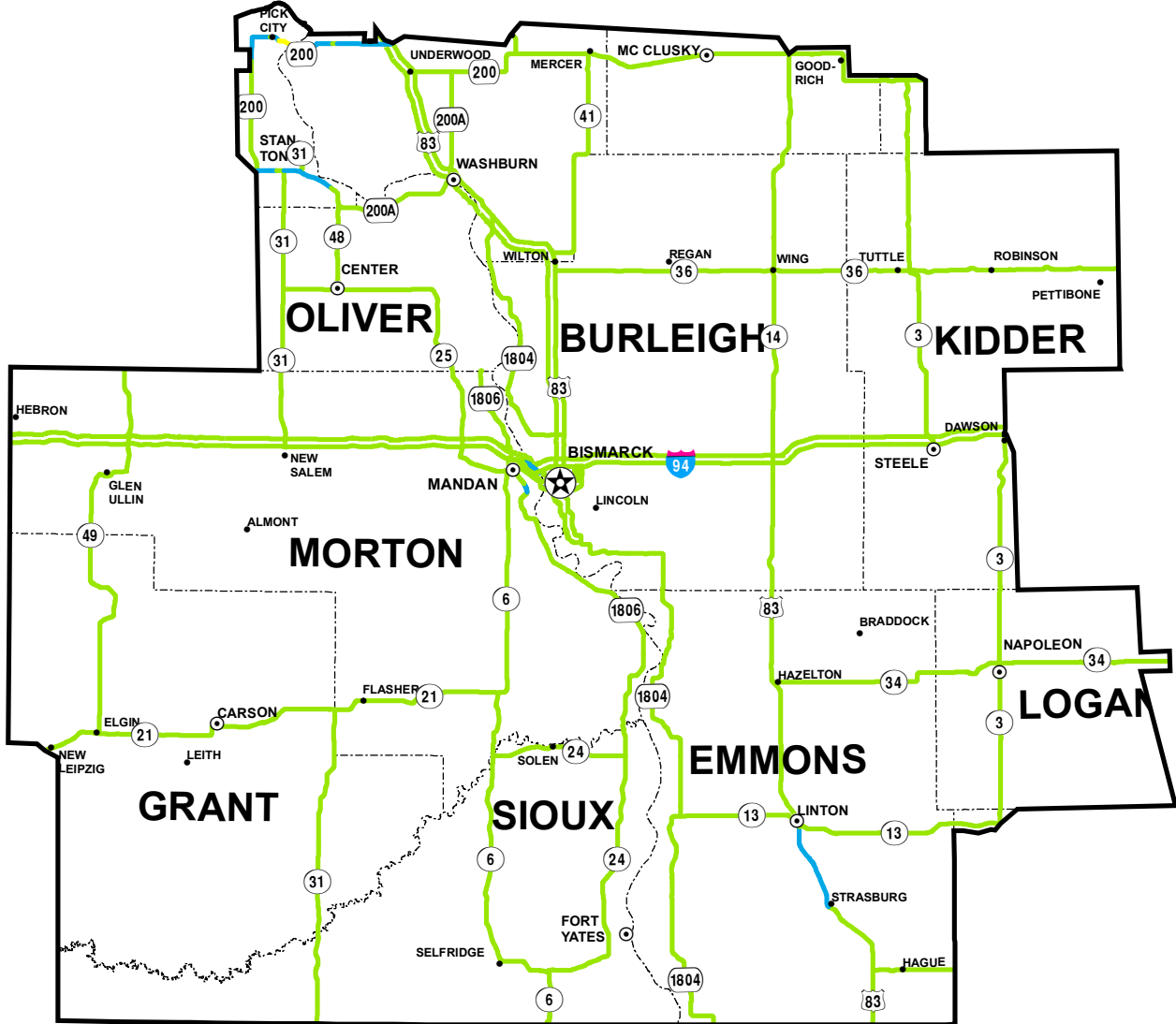
# BISMARCK DISTRICT



# BISMARCK DISTRICT



# BISMARCK DISTRICT



**2024 RUT**

- .02 TO .249 EXCELLENT
- .25 TO .379 GOOD
- .38 TO .509 FAIR
- > .51 POOR

NOTE: SEGMENTS SHOW ASPHALT-SURFACED ROADS ONLY.

PROJECT SPECIFIC CONSTRUCTION, TRAFFIC, PAVEMENT  
DATA, AND PAVEMENT CONDITION DATA

The various fields of information and their sources are as follows:

**D** – District

**HWY** – Highway

**S** – Suffix (900 mileage will have a B here for business loop)

**D** – Direction

**FROM REF PT** – Reference point defining start of a segment

**FROM OFFSET (MI)** – Distance from a reference point, defining start of a segment

**TO REF PT** – Reference point defining end of a segment

**TO OFFSET (MI)** – Distance from a reference point, defining end of a segment

**LENGTH** – Length of a segment

**LEFT SHLDR WIDTH** – Left shoulder width

**DRIVING LANE WIDTH** – Driving lane width

**RIGHT SHLDR WIDTH** – Right shoulder width

**SURF DPTH** – Total pavement depth

**BASE DPTH** – Total base depth

**GRAD WDTH** – Graded width of section below base

**FIN WDTH** – Finished width of section below pavement

**TAADT** – Truck Annual Average Daily Traffic

**AADT** – Annual Average Daily Traffic

**ESALS** – Equivalent Single Axle Loads (18 kip)

**PAV AGE** – The number of years since last (20 year design life) rehab

**EFF PAV AGE** – The effective age of a pavement based on the design life of the last rehabilitation. See examples #1 and #2 on following pages.

**LAST YEAR SEAL** – The last year this segment was sealed

**PVMT TYPE** – Flex for asphalt, Concr for concrete, and Compo for composite pavement of asphalt over concrete or concrete over asphalt

**PVMT DESC** – If PVMT TPE is Flex then PVMT DESC will be asphalt, if PVMT TYPE is concr then PVMT DESC will either be CRCP or jointed, if PVMT TYPE is compo then PVMT DESC will be AOCRC (asphalt over CRCP), AOPJC (asphalt over jointed), AOB&S (asphalt over break and seat), AOC&S (asphalt over crack and seat), or PCCOA (concrete over asphalt)

**HWY PTY SYS** – RI (rural interstate), UI (urban interstate), RIC (rural interregional corridor), UIC (urban interregional corridor), RSC (rural state corridor), USC (urban state corridor), RCR (rural district corridor), UCR (urban district corridor), RCL (rural district collector), UCL (urban district collector), RCN (rural district collector on the National Highway System)

**INTL CONS** – Year of first construction

**PREV CONS** – Year of first rehabilitation

**LTST CONS** – Year of most recent rehabilitation

**LTST REHAB** – Type of latest rehabilitation (overlay, CPR, seal, etc...)

EXAMPLE # 1

All asphalt pavement life is based on a 20 year design. All concrete pavement life is based on a 30 year design life unless otherwise noted.

```

Aug 20,98      - HIGHWAY COMPONENTS INQUIRY -          1 more >
*PRIORITIES  *PROPOSED      ENGLISH          SEGMENT  *JUMP
HWY:   1  SUF:  DIR:  N  REG:  E  DIST:  2  LOC STATE LINE N TO JCT 11 W OF LUDDEN
FR DT3506 ***** NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS ***** DT3506M1 RFPT:
0.000 OFF: 0.0000 MI TO RFPT:  5.178 OFF: 0.0000 MI LEN:  5.1555 MI
LSHL  DRLN  RSHL  SURF BASE GRAD FIN  PVMT EFF LAST PVMT  PVMT  *PTY INTL  PREV LTST
WDTH  WDTH  WDTH  DPTH  DPTH  WDTH  WDTH  AGE AGE SEAL TYPE  DESC  SYS  CON  CONS  CONS
  2.0  24.0  2.0   3.5   6.0   38.0  28.0  35  35 1996 FLEX ASPHLT HL  1958 1963 1963
*DISTRESS: 80  *RIDE: 3.09  *ESALS: 78  *AADT: 415  *AVG RUT (IN): 0.15
7 OCCURS COMMENTS  LSHL RDWY  RSHL  *MAINT: 7.92 4YR MAINT: 2706.12
DPTH              WDTH  WDTH  WDTH              OIL/CON CLS      COST  DSN
(IN) COMPONENTS   (FT)  (FT)  (FT)              TYPE  AGG YEAR THOUS LFE _PCN SUB H
  GRADE              38.0
6.0 AGGREGATE BASE  34.0
1.5 HOT BIT PAVEMENT 28.0
2.0 HOT BIT PAVEMENT 24.0
  DISTRICT CHIP SEAL 24.0
  DRIVE SLOPE FLATTENING
  CONTRACT CHIP SEAL 24.0
  
```

1. 20 - theoretical design life of asphalt  
 -20 - Actual design life for component(2.0 hot bit pavement)  
 -----  
 0
  
2. 1963 - Initial construction year of pavement component  
 - 0 - Remaining life(theoretical)  
 -----  
 1963
  
3. 1998 - Current year  
 -1963 - Initial construction year of pavement component  
 -----  
 35 - Years old
  
4. This segment has had no subsequent treatments since its initial pavement component in 1963. Its pavement age is then the same as its effective pavement age.

EXAMPLE # 2

All asphalt pavement life is based on a 20 year design. All concrete pavement life is based on a 30 year design life unless otherwise noted.

```
DT3506 ***** NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS ***** DT3506M1
Aug 20,98 - HIGHWAY COMPONENTS INQUIRY - 1 more >
*PRIORITIES *PROPOSED ENGLISH SEGMENT *JUMP
HWY: 1 SUF: DIR: N REG: E DIST: 2 LOC JCT 1 W OF LUDDEN TO JCT 11 OAKES
FR RFPT: 5.178 OFF: 0.0000 MI TO RFPT: 14.933 OFF: 0.0000 MI LEN: 9.7521 MI
LSHL DRLN RSHL SURF BASE GRAD FIN PVMT EFF LAST PVMT PVMT *PTY INTL PREV LTST
WDTH WDTH WDTH DPTH DPTH WDTH WDTH AGE AGE SEAL TYPE DESC SYS CONS CONS CONS
5.0 24.0 5.0 3.5 6.0 38.0 34.0 35 13 1996 FLEX ASPHT HL 1959 1963 1995
*DISTRESS: 79 *RIDE: 3.10 *ESALS: 129 *AADT: 1109 *AVG RUT (IN) : 0.15
8 OCCURS LSHL RDWY RSHL *MAINT: 51.82 4YR MAINT: 3473.71
DPTH WDTH WDTH WDTH OIL/CON CLS COST DSN
(IN) COMPONENTS (FT) (FT) (FT) TYPE AGG YEAR THOUS LFE PCN SUB H
GRADE 38.0 1959 98
6.0 EMULSIFIED BASE 34.0 SS-1 1959 156
1.5 HOT BIT PAVEMENT 34.0 120-150 1963
2.0 HOT BIT PAVEMENT 24.0 120-150 1963 98 20
DISTRICT CHIP SEAL 24.0 AE-150S 1985 62
DRIVE SLOPE FLATTENING 1992 35
INT CONT PATCH-1.5" 24.0 120-150 1995 119 10
CONTRACT CHIP SEAL 4.0 MC-3000 1996 68
```

1. 20 - Theoretical design life  
 -10 - Actual design life for component  
 -----  
 10
  
2. 1995 - Subsequent treatment that supercedes the initial 20 year design life component  
 -10  
 -----  
 1985
  
3. 1998 - Current year  
 -1985  
 -----  
 13 - Is the effective pavement age.
  
4. Since the subsequent treatment was not a 20 year design life treatment, the pavement age is not reset but, continues to be calculated from the original 20 year design life

## Flexible Pavement Condition Rating Deduct Values

CONDITION		EXTENT				SEVERITY
CODE	NONE	<10%	10-30%	>30%	LENGTH	
ALLIGATOR CRACKING	0	3	6	9	HAIRLINE	
	<b>AC</b>	12	15	18	SPALLED & TIGHT	
		21	24	27	SPALLED & LOOSE	
BLEEDING	NONE	<10%	10-30%	>30%	LENGTH	
	0	1	2	3	OCCASIONAL SMALL PATCHES	
	<b>BLD</b>	4	5	6	WHEEL TRACKS SMOOTH	
7		8	9	LITTLE VISIBLE AGGREGATE		
LONGITUDINAL CRACKING	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE	
	0	1	2	3	<1/4" WIDTH	
	<b>LC</b>	4	5	6	1/4-1"	
7		8	9	>1" AND/OR SPALLED		
TRANSVERSE CRACKING	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE	
	0	1	2	3	<1/4" WIDTH	
	<b>TC</b>	4	5	6	1/4-1"	
7		8	9	>1" OR SPALLED OR		
BLOCK CRACKING	NONE	<10%	10-30%	>30%	LENGTH	
	0	1	2	3	<1/4" WIDTH	
	<b>BC</b>	4	5	6	1/4-1"	
7		8	9	>1" AND/OR SPALLED		
RAVELING AND/OR WEATHERING	NONE	<10%	10-30%	>30%	AREA OF SAMPLE	
	0	1	2	3	MINOR LOSS	
	<b>RW</b>	4	5	6	SOME SMALL HOLES / PITS	
7		8	9	HIGHLY PITTED / ROUGH		
BITUMINOUS PATCHING	NONE	< 5%	5-15%	>15%	AREA OF SAMPLE	
	0	2	4	6	GOOD CONDITION	
	<b>BP</b>	8	10	12	FAIR CONDITION	
14		16	18	POOR CONDITION		
RUTTING	< 1/4"	1/4-3/8"	3/8-1/2"	>1/2"	DEPTH SEVERITY CATEGORY WITH 20% TRIGGER	
	<b>RT</b>	0	6	14		27

## Continuous Reinforced Concrete Pavement Condition Rating Deduct Values

CONDITION	EXTENT				SEVERITY
	NONE	<10%	10-30%	>30%	#LENGTH
■D. CRACKING  <b>DC</b>	0	2	4	6	<12" WIDTH
		8	10	12	12-14" WIDTH, MINOR SPALL
		14	16	18	>24" SPALL & LOOSE
	NONE	<10%	10-30%	>30%	LENGTH
LONGITUDINAL JOINT SPALLING <b>LJS</b>	0	1	2	3	<2" WIDTH
		4	5	6	2-6"
		7	8	9	> 6"
	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE
LONGITUDINAL CRACKING <b>LC</b>	0	2	4	6	<1/4" WIDTH
		8	10	12	1/4-1"
		14	16	18	>1"
	NONE	<1000'	1000'-2000'	>2000'	L.F. PER MILE
TRANSVERSE CRACKING <b>TC</b>	0				
		4	5	6	1/4"-1" WIDTH
		7	8	9	>1"
	NONE	<10%	10-30%	>30%	#CRACKS
TRANSVERSE CRACK SPALLING <b>TCS</b>	0	1	2	3	MINOR SPALL < 3"
		4	5	6	ISOLATED SPALL > 3"
		7	8	9	SEVERE SPALL & FAULTED
	NONE	< 5%	5-15%	>15%	LENGTH
BITUMINOUS PATCHING <b>BP</b>	0	2	4	6	GOOD CONDITION
		8	10	12	FAIR CONDITION
		14	16	18	POOR CONDITION
	NONE	< 5%	5-15%	>15%	LENGTH
CONCRETE PATCH DETERIORATION <b>CP</b>	0	2	4	6	GOOD CONDITION
		8	10	12	FAIR CONDITION
		14	16	18	POOR CONDITION
		COUNT			# PER MILE
BLOW-UP REPAIRS	0	1	TO	6	COUNT X 3, MAX = 18

### SURFACE DISTRESS SCORE RANGES

97.00- OR MORE	EXCELLENT
91.00-96.00	GOOD
84.00-90.00	FAIR
83.00- OR LESS	POOR

**Rigid (Jointed) Pavement  
Condition Rating Deduct Values**

CONDITION		EXTENT				SEVERITY	
	CODE	NONE	<10%	10-30%	>30%	#JOINTS	
D. CRACKING	DC	0	2	4	6	<12" WIDTH	
			8	10	12	12-14" WIDTH, MINOR SPALL	
			14	16	18	>24" SPALL & LOOSE	
			COUNT		# PER SAMPLE		
CORNER BREAKS	CB	0	1	TO	99	<12" WIDTH	
		NONE	<10%	10-30%	>30%	LENGTH	
LONGITUDINAL JOINT SPALLING	LJS	0	1	2	3	<1" WIDTH	
			4	5	6	1-6"	
			7	8	9	> 6"	
		NONE	<10%	10-30%	>30%	PER MILE	
LONGITUDINAL CRACKING	LC	0	1	2	3	<1/4" WIDTH	
			4	5	6	1/4-1"	
			7	8	9	>1"	
		NONE	<10%	10-30%	>30%	PER MILE	
TRANSVERSE CRACKING	TC	0	1	2	3	<1/4" WIDTH	
			4	5	6	1/4-1"	
			7	8	9	>1"	
		NONE	<10%	10-30%	>30%	#JOINTS	
TRANSVERSE JOINT SPALLING	TJS	0	1	2	3	MINOR SPALL < 2"	
			4	5	6	ISOLATED SPALL > 2"	
			7	8	9	CRUSHED JOINT	
		NONE	< 5%	5-15%	>15%	SLABS	
BROKEN SLABS	BS	0	1	2	3	HAIRLINE CRACKS	
			4	5	6	INTERLOCKING PIECES	
			7	8	9	LOOSE PIECES	
		NONE	< 5%	5-15%	>15%	SLABS	
BITUMINOUS PATCHING	BP	0	1	2	3	GOOD CONDITION	
			4	5	6	FAIR CONDITION	
			7	8	9	POOR CONDITION	
		NONE	< 5%	5-15%	>15%	SLABS	
CONCRETE PATCH DETERIORATION	CP	0	1	2	3	GOOD CONDITION	
			4	5	6	FAIR CONDITION	
			7	8	9	POOR CONDITION	
		DENSITY	.06-.10	.11-.13	.14-.17	>.17"	SEVERITY AVERAGE INCHES PER MILE
FAULTING	FLT	16	1	2	4	6	
		28	1	3	5	7	
		40	1	4	6	8	
		46	2	4	6	8	
		52	2	5	7	9	
		64	2	6	8	10	
		76	3	7	9	11	
		125	4	7	9	11	
		174	5	8	10	12	
		380	6	8	10	12	
		587	7	9	11	12	
		793	8	9	11	12	
999	9	10	11	12			

**SEGMENT  
RANKING  
BASED ON**

**2024 DATA**

**AVERAGE  
SEGMENT  
DISTRESS  
SCORES**

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	W	918.000	920.000	MANDAN - MEMORIAL HIGHWAY(THE	ASPHT	46	25	2013	73	0.27	147
94	E	908.791	909.000	JCT I-94 & 25 SOUTH	ASPHT	11	11	2014	76	0.24	104
200	E	901.000	902.000	1.5 MI E JCT 200 E 0.7 MI	ASPHT	12	12	2013	78	0.29	75
200	E	924.000	925.654	WASHBURN BRIDGE TO JCT 83 (SPUR	ASPHT	20	20	2005	78	0.17	117
1806	N	67.000	68.000	POST NORTH TO BEGIN OF CURB & G	ASPHT	28	23	2012	78	0.25	130
94	W	121.000	128.000	E BLUEGRASS INTR TO E N SALEM INT	JOINT	36	36	2000	79	-1.00	88
94	E	918.000	920.000	BISMARCK-MANDAN STRIP	ASPHT	46	25	2013	79	0.19	129
94	E	915.000	915.437	MANDAN - HEART RIVER BRIDGE TO N	JOINT	17	14	2021	79	-1.00	101
14	N	0.000	13.000	STERLING TO 13 MILES FROM WING	ASPHT	1	1	2024	79	0.15	99
200	E	908.000	909.000	POZ-O-PAC SECTION E 0.6 MI	ASPHT	20	20	2005	80	0.22	98
83	N	15.000	24.942	STRASBURG N TO LINTON	ASPHT	14	14	2011	80	0.25	73
94	E	162.000	172.000	E BIS ENTR E TO E OF MENOKEN INTR	AOCRC	11	11	2016	80	0.19	69
25	N	28.658	34.758	CENTER WEST TO JCT 31-HANNOVER	ASPHT	17	17	2008	80	0.13	100
24	N	10.000	18.000	N OF FT YATES NORTH APPROX 8 MIL	ASPHT	62	18	2020	80	0.13	103
200	E	925.654	936.383	WASHBURN N TO JCT 200	ASPHT	77	77	1948	81	0.15	134
94	W	162.000	172.000	E OF BIS INTR TO E OF MENOKEN INT	AOCRC	26	22	2016	81	0.18	66
1806	N	68.000	69.000	CURB & GUTTER WEST SIDE SEGMENT	ASPHT	28	28	1997	81	0.21	171
83	S	125.000	127.000	NEAR WASHBURN TO WASHBURN	ASPHT	9	9	2017	81	0.16	61
200	E	175.000	178.000	E OF PICK CITY E TO SPILLWAY BRID	ASPHT	12	12	2013	81	0.37	111
14	N	13.000	21.289	13 MILES FROM WING TO WING	ASPHT	1	1	2024	81	0.18	127
1806	N	70.548	71.000	MANDAN AVENUE (MAIN ST TO I-94)	JOINT	17	17	2008	82	-1.00	172

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	W	191.000	193.000	2 MILES E OF LONG LAKE	AOCRC	24	22	2016	82	0.13	50
200	E	904.857	908.000	EAST JCT 31 E TO POZ-O-PAC SECTIO	ASPHT	20	20	2005	82	0.30	96
24	N	18.000	29.914	9 MI N FT YATES SPUR-N TO JCT 1806	ASPHT	59	18	2020	82	0.13	102
83	N	24.942	25.000	LINTON - S JCT 13 TO 2ND ST SE	ASPHT	14	14	2011	82	0.15	145
83	N	111.000	113.000	WILTON NORTH	ASPHT	9	9	2017	82	0.15	66
94	W	147.183	153.000	E ND 25 E TO MANDAN AVE -WB	AOCRC	18	18	2019	83	0.22	64
83	S	111.000	117.000	WILTON NORTH	ASPHT	9	9	2017	83	0.15	59
83	N	121.262	123.000	N OF WILTON TO S OF WASHBURN	ASPHT	9	9	2017	83	0.14	66
94	W	161.439	162.000	E BIS INTR E TO E OF BIS INTR	AOCRC	8	8	2018	83	0.15	62
83	S	122.000	125.000	SOUTH OF WASHBURN TO NEAR WAS	ASPHT	9	9	2017	83	0.16	55
3	N	51.000	58.000	N BURNSTAD JCT N TO NAPOLEON	ASPHT	16	16	2009	84	0.15	72
83	S	117.000	122.000	WILTON NORTH	ASPHT	9	9	2017	84	0.15	54
94	W	182.488	191.000	STERLING INTR E TO E DRISCOLL INT	AOCRC	24	22	2016	84	0.18	55
3	N	84.000	85.111	DAWSON TO JCT I-94	ASPHT	59	59	1966	84	0.16	128
94	E	182.488	191.000	STERLING INTR E TO E DRISCOLL INT	AOCRC	24	22	2016	84	0.16	58
1804	N	82.973	88.000	S JCT 83 W & N_TO 5.3 MILES	ASPHT	47	24	2011	84	0.20	122
24	N	0.000	7.000	JCT 6 N TO 2 MILES-S FT YATES SPUR	ASPHT	62	16	2022	84	0.17	112
49	N	36.331	48.000	ELGIN N TO HEART BUTTE DAM	ASPHT	67	26	2009	85	0.16	160
83	N	113.000	117.000	N OF WILTON NORTH	ASPHT	9	9	2017	85	0.14	66
34	E	18.000	21.000	CO LINE E TO W OF NAPOLEON	ASPHT	24	21	2017	85	0.10	68
200	E	169.952	174.000	JCT 1806 N TO PICK CITY	ASPHT	12	12	2013	85	0.31	87

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
31	N	78.257	95.646	JCT I-94 N TO HANNOVER	ASPHT	19	19	2006	85	0.13	184
200	E	902.991	904.857	W JCT 31 TO EAST JCT 31	ASPHT	20	20	2005	85	0.27	90
49	N	70.000	73.943	JCT OLD 10 N TO I-94 INTERCHANGE	ASPHT	47	18	2017	85	0.20	85
94	E	121.000	128.000	E BLUEGRASS INTR TO E N SALEM INT	JOINT	37	37	2000	85	-1.00	70
83	N	123.000	127.000	S OF WASHBURN NORTH TO WASHBU	ASPHT	9	9	2017	85	0.14	61
83	N	41.623	44.000	JCT 34 NORTH TO RPT 44	ASPHT	20	20	2018	85	0.17	55
94	E	172.000	182.488	E OF MENOKEN INTR E TO STERLING	AOCRC	11	11	2016	85	0.15	60
1804	N	74.000	75.000	S OF 48TH AVE TO FT. LINCOLN	ASPHT	22	15	2023	85	0.13	59
49	N	73.943	82.000	I-94 INTERCHANGE N TO MORTON CO	ASPHT	8	8	2017	85	0.22	59
94	E	153.000	155.026	MANDAN AVE TO WEST MIDWAY INT	AOCRC	15	15	2019	86	0.20	68
83	N	64.000	65.000	STERLING TO JCT OLD US HWY 10	ASPHT	20	20	2018	86	0.17	85
200	E	909.000	924.000	POZ-O-PAC SEC E TO WASHBURN BRI	ASPHT	20	20	2005	86	0.15	72
200	E	900.000	901.000	JCT 200 EAST 1.5 MILES	ASPHT	12	12	2013	86	0.28	81
83	N	117.000	121.262	N OF WILTON TO WASHBURN	ASPHT	9	9	2017	86	0.14	59
83	N	0.000	15.000	STATE LINE N TO STRASBURG	ASPHT	12	12	2013	86	0.16	71
94	E	114.000	121.000	E GECK INTR E TO E BLUEGRASS INT	JOINT	39	39	1999	86	-1.00	53
34	E	0.000	18.000	HAZELTON E TO CO LINE	ASPHT	24	21	2017	86	0.13	93
1806	N	50.000	62.000	HUFF TO 1.7 MILES S OF STATE PARK	ASPHT	34	18	2020	86	0.13	104
3	N	134.277	136.278	JCT 200 E TO HURDSFIELD	ASPHT	35	17	2018	86	0.22	106
1806	N	43.000	50.000	NEAR FT RICE TO HUFF	ASPHT	34	18	2020	86	0.14	104
94	W	172.000	182.488	E OF MENOKEN INTR E TO STERLING	AOCRC	26	22	2016	86	0.15	53

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
6	N	52.000	63.000	NEAR ST ANTHONY N TO S OF HEART	ASPHT	30	20	2018	86	0.18	64
83	N	44.000	64.000	RPT 44 TO STERLING	ASPHT	20	20	2018	86	0.17	54
24	N	7.000	10.000	2 MI S FT YATES TO N OF FT YATES	ASPHT	62	24	2014	86	0.12	105
21	E	90.000	91.000	CARSON CITY SECTION	ASPHT	12	12	2013	86	0.14	74
21	E	70.000	90.000	FROM NEW LEIPZIG TO CARSON	ASPHT	12	12	2013	86	0.13	92
94	E	913.000	914.000	0.4 MI W SUNNY RD TO W HEART RIVE	ASPHT	77	20	2018	87	0.09	94
94	E	909.000	913.000	0.9 MI S I-94 TO 0.4 MI W SUNNY RD	ASPHT	77	77	1948	87	0.11	114
94	W	925.209	926.867	BISMARCK - MAIN AVE TO I-94	JOINT	21	12	2023	87	-1.00	117
194	E	0.000	0.000	EAST MIDWAY INT TO END CONC SEC	AOCRC	15	15	2019	87	0.14	85
1804	N	26.000	30.000	N SIDE OF BEAVER BAY BR TO JCT 13	ASPHT	39	23	2015	87	0.15	76
3	N	59.566	69.000	JCT ND 34 NORTH TO NEAR 52ND ST S	ASPHT	9	9	2016	87	0.15	52
94	E	147.183	153.000	E ND 25 E TO MANDAN AVE	AOCRC	18	18	2019	87	0.19	60
13	E	200.000	222.622	LINTON E TO N JCT 3	ASPHT	24	19	2019	87	0.09	100
1804	N	75.000	76.000	FT LINCOLN N TO BISMARCK AIRPORT	ASPHT	22	15	2023	87	0.09	49
1804	N	50.000	52.000	2023 TEST SECTION CAPE SEAL	ASPHT	54	15	2023	87	0.15	131
200	E	179.000	182.000	RIVERDALE E TO GRADE RAISE	ASPHT	12	12	2013	87	0.25	78
34	E	26.073	34.000	JCT ND 3 E 8.3 MILES	ASPHT	64	24	2011	87	0.13	67
200	E	230.000	236.225	EAST OF MCCLUSKY TO ND 14	ASPHT	69	18	2017	87	0.15	77
94	W	113.389	121.000	E GECK INTR E TO E BLUEGRASS INT	JOINT	39	39	2000	87	-1.00	74
36	E	53.000	62.000	3 MI W OF LAKE WILLIAMS TO CNTY LI	ASPHT	51	16	2022	87	0.10	40
1804	N	56.000	59.000	2023 TEST SECTION DOUBLE MICRO	ASPHT	58	15	2023	87	0.15	83

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	E	191.000	193.000	E DRISCOLL INTR E TO E LONG LAKE	AOCRC	23	22	2016	87	0.15	52
200	E	213.797	227.000	E JCT 41-MERCER-E TO MCCLUSKY	ASPHT	35	17	2018	88	0.15	54
3	N	59.000	59.566	NAPOLEON N TO JCT ND 34	ASPHT	16	16	2009	88	0.14	67
83	N	64.000	64.000	STERLING	ASPHT	15	15	2018	88	0.18	87
94	W	153.000	155.026	MANDAN AVE TO WEST MIDWAY INTE	AOCRC	15	15	2019	88	0.19	70
1804	S	77.000	78.575	BIS-N OF 12TH ST TO BIS EXPRESSWA	ASPHT	20	15	2023	88	0.12	123
1804	S	74.000	75.000	SOUTH OF 48TH AVE TO FT LINCOLN	ASPHT	22	15	2023	88	0.12	54
200	E	175.000	175.000	PICK CITY EAST	ASPHT	12	12	2013	88	0.36	97
36	E	48.000	53.000	ROBINSON E TO 3MI W OF LAKE WILLI	ASPHT	18	16	2022	88	0.12	54
21	E	69.680	70.000	W JCT 49 E TO NEW LEIPZIG	ASPHT	12	12	2013	88	0.14	102
21	E	91.000	103.489	CARSON E TO JCT ND 31	ASPHT	11	11	2014	88	0.13	95
34	E	34.000	45.208	8.3 MILES E JCT 3 E TO S JCT ND 30	ASPHT	64	24	2011	88	0.13	81
200	E	227.000	227.000	MCCLUSKY 44 FT STREET SECTION	ASPHT	35	20	2018	88	0.13	84
94	E	97.188	100.000	HEBRON E TO NEAR EAGLES NEST	JOINT	16	16	2009	88	-1.00	50
1804	N	18.000	26.000	BEAVER BAY S APPROX 8 MI (W LINTO	ASPHT	35	23	2015	88	0.19	65
94	E	915.437	916.000	MDN-MAIN AVE (ND 6 TO COLLINS)	JOINT	29	14	2021	88	-1.00	100
31	N	95.646	108.650	HANNOVER N TO W JCT 200 A	ASPHT	19	16	2006	88	0.09	111
34	E	21.000	26.073	W NAPOLEON E TO JCT ND 3	ASPHT	24	21	2017	88	0.14	98
94	E	925.209	926.867	BISMARCK - MAIN AVE TO I-94	JOINT	21	12	2023	88	-1.00	107
11	E	3.000	9.000	HAGUE E TO CO LN	ASPHT	67	30	2008	88	0.09	106
83	N	901.523	902.646	BISMARCK-BOULEVARD TO I-94	JOINT	23	12	2023	89	-1.00	91

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
83	N	88.998	89.000	JCT I-94 NORTH (E LANE)	JOINT	22	12	2023	89	-1.00	69
94	E	100.000	114.000	NEAR EAGLES NEST E TO E GECK INT	JOINT	26	26	1999	89	-1.00	71
1804	N	30.000	35.000	WEST LINTON,ND 13 NORTH	ASPHT	46	23	2015	89	0.14	73
1806	N	75.000	76.000	I-94 NORTH 1.345 MILES	ASPHT	49	20	2018	89	0.14	88
1806	N	63.000	67.000	FT LINCOLN STATE PARK N TO POST	ASPHT	28	23	2012	89	0.20	117
6	N	35.000	42.149	N JCT 24 N TO JCT ND 21	ASPHT	69	13	2022	89	0.12	54
6	N	42.149	52.000	JCT INN N TO ST ANTHONY	ASPHT	30	20	2018	89	0.20	57
6	N	66.000	67.413	MDN-HEART RIVER N TO MAIN	JOINT	34	21	2017	89	-1.00	215
36	E	38.916	48.000	JCT 3-TUTTLE E TO ROBINSON	ASPHT	3	3	2022	89	0.10	42
1804	N	35.000	47.000	5.6 MI N ND 13 N TO HAZELTON JCT	ASPHT	39	23	2015	89	0.14	77
94	W	156.000	161.439	GRANT MARSH BRIDGE TO E E BIS INT	AOCRC	8	8	2018	89	0.18	71
31	N	19.000	35.257	SHIELDS CORNER TO JCT 21	ASPHT	62	25	2010	89	0.11	121
810	E	0.000	2.000	BIS-MCKENZIE DR INTR E TO WASH S	ASPHT	15	15	2019	89	0.16	80
200	E	249.000	252.062	CO LN TO JCT 3 SOUTH	ASPHT	71	17	2018	89	0.13	56
200	E	227.000	230.000	MCCLUSKY EAST	ASPHT	71	18	2017	89	0.10	67
200	E	182.000	188.892	GRADE RAISE E TO US 83	ASPHT	12	12	2013	89	0.27	76
94	W	915.715	916.000	MDN-MAIN AVE (HEART RIV-COLLINS)	JOINT	4	4	2021	89	-1.00	101
21	E	109.000	110.000	NP OVERHEAD & APPROACH-E FLASH	ASPHT	27	19	2016	89	0.14	63
31	N	0.000	19.000	STATE LINE N TO SHIELDS CORNER	ASPHT	58	25	2010	90	0.12	130
14	N	33.000	45.777	1 MI S OF CO LN NORTH TO JCT 200	ASPHT	50	18	2017	90	0.15	56
3	N	69.000	84.000	NEAR 52ND ST SE TO DAWSON	ASPHT	9	9	2016	90	0.10	45

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
83	N	30.000	41.623	5 M N OF LINTON TO JCT 34 HAZELTO	ASPHT	16	16	2019	90	0.13	84
94	W	128.000	137.000	E N SALEM INTR E TO W SWEET BRIA	CRCP	22	22	2003	90	-1.00	43
1804	N	0.000	9.000	ST LN N TO NEAR 95TH ST SW	ASPHT	33	21	2017	90	0.14	68
1804	N	76.000	77.000	CURB & GUTTER TO N OF 12TH ST SO	ASPHT	22	15	2023	90	0.10	54
1804	N	9.000	18.000	NEAR 95TH ST TO 8.0 MI S BEAVER BA	ASPHT	33	33	1992	90	0.15	52
810	E	0.000	0.000	N OF MCKENZIE DR TO MCKENZIE DR	ASPHT	15	15	2019	90	0.16	62
1804	S	75.000	76.000	FT LINCOLN TO BISMARCK AIRPORT	ASPHT	22	15	2023	90	0.09	46
200	E	197.047	205.797	4 MI COR E UNDERWOOD E TO W JCT	ASPHT	35	17	2021	90	0.13	60
94	E	156.000	161.439	GRANT MARSH BRIDGE TO E E BIS INT	AOCRC	8	8	2018	90	0.18	73
810	W	0.000	0.000	N OF MCKENZIE DR TO MCKENZIE DR	ASPHT	15	15	2019	91	0.15	57
200	E	236.225	249.000	ND 14 TO COUNTY LINE	ASPHT	69	17	2018	91	0.14	63
94	W	101.000	113.389	NEAR EAGLES NEST E TO E GECK INT	JOINT	31	31	1994	91	-1.00	76
200	E	157.781	169.952	JCT 200A N TO JCT 1806	ASPHT	72	19	2019	91	0.19	75
1804	N	59.000	62.000	2023 TEST SECTION RAP DOUBLE MIC	ASPHT	58	15	2023	91	0.14	97
11	E	3.000	3.000	URBAN SECTION HAGUE	ASPHT	67	30	2008	91	0.08	122
24	N	30.000	45.046	SOLEN EAST AND WEST	ASPHT	55	16	2022	91	0.09	59
31	N	110.517	110.517	E JCT 200A N TO UNDERPASS	ASPHT	19	16	2006	91	0.11	135
83	N	25.958	30.000	LINTON TO 5 MILES NORTH	ASPHT	16	16	2019	91	0.12	89
94	W	916.000	917.901	MDN-MAIN AVE (COLLINS - TC DRIVE	JOINT	4	4	2021	91	0.14	87
1804	N	62.000	65.000	2023 TEST SEC. ULTRATHIN BLENDED	ASPHT	58	15	2023	91	0.13	73
6	N	22.000	26.000	5 MI S PORCUPINE CREEK N 4.8 MI	ASPHT	67	13	2022	91	0.11	53

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
1806	N	69.000	70.086	NEAR 5TH ST SE N TO MAIN AVE-MDN	JOINT	37	3	2022	91	-1.00	137
83	S	900.000	900.733	BIS-7TH ST (EXPRY N TO BROADWAY)	ASPHT	75	11	2024	91	0.11	174
1806	N	62.000	63.000	1.7 S OF FT LINCOLN TO PARK ENTRA	ASPHT	28	18	2020	91	0.13	102
1806	N	34.000	43.000	CANNONBALL RIVER TO NEAR FORT R	ASPHT	34	24	2014	91	0.16	90
3	N	93.053	95.000	STEELE NORTH	ASPHT	22	17	2018	91	0.15	51
1804	N	95.000	99.000	12.5 MI NW BISMARCK NW TO 4 MI NW	ASPHT	51	24	2011	91	0.11	116
36	E	37.000	38.916	TUTTLE TO JCT 3	ASPHT	50	50	1975	91	0.09	104
1804	N	99.000	108.000	4 MI NW OF BIS TO CO LINE	ASPHT	51	24	2011	91	0.13	113
3	N	41.862	51.000	W JCT 13 N TO BURNSTAD JCT	ASPHT	14	14	2011	91	0.16	65
1806	N	76.000	85.800	1.345 MI N I-94 N APPROX 9.5 MILES	ASPHT	49	20	2018	91	0.10	65
6	N	28.000	35.000	N OF PORCUPINE CREEK N TO JCT 24	ASPHT	67	13	2022	91	0.13	57
36	E	23.907	37.000	WING EAST TO TUTTLE	ASPHT	50	45	1975	91	0.11	84
11	E	0.000	3.000	JCT US 83 E TO HAGUE	ASPHT	67	30	2008	91	0.09	116
3	N	103.000	113.000	10 MI N OF STEELE TO JCT 36 TUTTLE	ASPHT	22	17	2018	91	0.13	42
810	W	0.000	2.000	BIS-MCKENZIE DR E TO WASHINGTON	ASPHT	15	15	2019	92	0.16	79
810	W	4.000	5.741	BIS-NEAR YEGAN ROAD TO MAIN AVE	ASPHT	43	15	2023	92	0.13	67
810	E	2.000	4.000	BIS EXPRESSWAY (WASH TO 26TH ST	ASPHT	43	15	2023	92	0.12	81
1804	N	47.000	50.000	2023 TEST SECTION DOUBLE CHIP SE	ASPHT	54	30	2008	92	0.13	113
25	N	0.000	28.658	JCT I-94 N TO JCT 48 CENTER	ASPHT	12	12	2017	92	0.10	60
1804	N	72.000	74.000	NEAR PRIORY CORNER TO S OF 48TH	ASPHT	18	15	2023	92	0.14	50
14	N	21.289	33.000	WING N TO 1 MI S OF COUNTY LINE	ASPHT	60	18	2017	92	0.15	50

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
1804	N	88.000	95.000	5.3 MILES W & N JCT 83 TO N. JCT 83	ASPHT	47	24	2011	92	0.11	100
1804	N	112.000	113.383	4 MI NW OF CO LN TO JCT 83	ASPHT	49	24	2011	92	0.14	87
6	N	0.000	6.104	ST LN TO JCT ND 24	ASPHT	62	17	2021	92	0.12	64
1804	S	76.000	77.000	BISMARCK AIRPORT TO N OF 12TH ST	ASPHT	22	15	2023	92	0.13	59
21	E	110.000	122.384	NP OVERHEAD TO JCT 6-E FLASHER	ASPHT	27	19	2016	92	0.15	66
94	E	916.581	917.043	MDN-MAIN ST (NEAR 1806 TO TC DRIV	JOINT	29	14	2021	92	0.14	83
200	E	205.797	213.797	W JCT 41 TO E JCT 41-MERCER	ASPHT	35	17	2021	92	0.13	59
94	W	137.000	147.183	W SWEET BRIAR E TO E ND 25 INTR-W	JOINT	20	20	2005	92	-1.00	99
94	E	128.000	137.000	E N SALEM INTR E TO W SWEET BRIA	CRCP	23	23	2002	92	-1.00	40
83	S	900.733	901.000	BIS-7TH ST (BROADWAY N TO BOULE	ASPHT	75	14	2024	92	0.12	149
31	N	110.517	112.195	UNDERPASS TO STANTON	ASPHT	19	16	2006	92	0.09	132
49	N	67.000	69.000	GLEN ULLIN BYPASS E TO GLEN ULLI	ASPHT	42	18	2017	92	0.16	76
94	W	208.000	208.702	W DAWSON INTR E TO DISTRICT BOU	AOCRC	15	15	2023	92	0.17	44
3	N	133.000	134.277	REALIGNMENT SECTION N TO JCT ND	ASPHT	21	13	2022	93	0.13	72
6	N	26.000	28.000	PORCUPINE CREEK N & S	ASPHT	38	13	2022	93	0.10	49
6	N	6.104	11.000	JCT ND 24 TO SELFRIDGE	ASPHT	62	17	2021	93	0.11	64
1806	N	31.190	34.000	JCT 24 E SOLEN N TO CANNONBALL R	ASPHT	34	24	2014	93	0.13	77
3	N	117.000	132.000	3 MI N TUTTLE N TO REALIGNMENT	ASPHT	21	13	2022	93	0.10	59
13	E	186.082	198.984	JCT 1804 E TO LINTON	ASPHT	45	22	2016	93	0.15	67
83	N	89.000	100.000	BISMARCK N TO MIDWAY	ASPHT	61	15	2020	93	0.16	54
810	W	2.000	4.000	BIS-WASHINGTON ST TO NEAR YEGA	ASPHT	43	15	2023	93	0.14	74

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	E	156.000	156.000	EAST MIDWAY INT TO GRANT MARSH	AOCRC	15	15	2019	93	0.15	81
200	E	192.873	197.047	JCT 83 E TO 4 MI CORNER E UNDERW	ASPHT	35	17	2021	93	0.13	83
3	N	113.000	117.000	JCT HWY 36 AT TUTTLE TO 3 MI N	ASPHT	21	13	2022	93	0.09	60
1804	N	108.000	112.000	CO LN NW BISMARCK	ASPHT	49	24	2011	93	0.14	79
6	N	63.000	66.000	S HEART RIV N TO HEART RIV-MANDA	ASPHT	30	20	2018	93	0.14	77
41	N	12.000	24.995	RPT 12 TO ND 200 MERCER	ASPHT	64	24	2014	93	0.12	69
194	W	0.000	0.000	EAST MIDWAY INT TO END CONC SEC	AOCRC	15	15	2019	93	0.17	60
83	S	88.998	89.000	JCT I-94 NORTH (W LANE)	JOINT	22	12	2023	94	-1.00	77
1804	S	72.193	74.000	SIGNAL STREET N TO SOUTH OF 48TH	ASPHT	18	15	2023	94	0.13	48
83	S	105.000	111.000	S OF WILTON TO WILTON	ASPHT	35	15	2020	94	0.15	46
41	N	0.000	12.000	WILTON N TO RPT 12	ASPHT	64	24	2014	94	0.11	77
1804	N	65.000	68.000	2023 TEST SECTION 0.75" HMA THINLA	ASPHT	58	15	2023	94	0.13	76
3	N	95.000	103.000	JCT I-94 STEELE NORTH 10 MILES	ASPHT	22	17	2018	95	0.12	46
94	E	137.000	147.183	W SWEET BRIAR E TO E ND 25 INTR-E	CRCP	21	21	2004	95	-1.00	41
36	E	0.000	23.907	WILTON EAST TO JCT 14 WING	ASPHT	51	15	2020	95	0.11	65
48	N	0.000	9.261	CENTER N TO JCT 200	ASPHT	55	19	2016	95	0.09	76
83	S	901.000	902.646	BISMARCK-BOULEVARD TO I-94	JOINT	23	12	2023	95	-1.00	80
83	N	901.000	901.523	BISMARCK-ROSSER TO BOULEVARD	ASPHT	75	14	2024	95	0.11	145
83	S	142.000	147.556	N UNDERWOOD N TO N JCT 200	ASPHT	34	14	2024	95	0.12	73
1804	N	77.000	78.575	N OF 12TH ST SOUTH TO BIS EXPRES	ASPHT	20	15	2023	95	0.10	94
83	N	900.000	901.000	BIS-NINTH ST (EXPRY N TO ROSSER)	ASPHT	75	12	2023	95	0.13	153

## Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	W	203.000	208.000	1.0 MI E STEELE INTR E TO W DAWSO	AOCRC	15	15	2023	95	0.14	42
3	N	132.000	133.000	REALIGNMENT SECTION	ASPHT	13	13	2022	95	0.11	61
1804	N	70.000	72.000	STATION 3721+00 TO SIGNAL STREET	ASPHT	16	15	2023	95	0.10	59
810	E	4.000	5.741	BIS-NEAR YEGAN ROAD TO MAIN AVE	ASPHT	40	15	2023	96	0.11	62
41	N	32.995	35.000	JCT 200 N TO TURTLE LAKE	ASPHT	35	21	2014	96	0.09	85
21	E	103.489	109.000	JCT 31 TO NP OVERHEAD-FLASHER	ASPHT	27	19	2016	96	0.15	63
83	N	100.000	111.000	MIDWAY TO WILTON	ASPHT	56	15	2020	96	0.15	52
49	N	69.000	70.000	GLEN ULLIN TO E JCT OLD 10	ASPHT	47	18	2017	96	0.15	77
83	S	89.000	105.000	BISMARCK N TO S OF WILTON	ASPHT	35	15	2020	97	0.15	52
83	N	141.000	147.556	JCT 200 E UNDERWOOD TO N JCT 200	ASPHT	34	14	2024	97	0.10	69
94	W	97.188	101.000	HEBRON E TO NEAR EAGLES NEST	JOINT	6	6	2019	97	-1.00	83
1804	N	68.000	69.000	STATION 3632+05 TO 3654+22	ASPHT	16	15	2023	97	0.10	62
1804	N	69.000	70.000	STATION 3679+63 TO 3704+40	ASPHT	16	15	2023	97	0.11	56
1806	N	71.000	75.000	MANDAN AVENUE (I-94 TO REFINERY)	ASPHT	4	4	2021	98	0.12	150
94	E	196.000	198.000	E LONG LAKE INTR E 2.0 MILES	AOCRC	15	15	2023	98	0.15	46
94	E	201.000	208.702	E STEELE INTER TO DISTRICT BOUND	AOCRC	15	15	2023	98	0.15	42
1804	N	68.000	68.000	NEAR COTTONTAIL WAY	ASPHT	58	15	2023	98	0.10	56
94	W	193.000	201.000	BURL COUNTY LINE TO LONG LAKE	AOCRC	15	15	2023	98	0.14	43
1804	N	53.000	56.000	2023 TEST SECTION RAP CAPE SEAL	ASPHT	58	15	2023	98	0.14	120
94	W	201.000	203.000	E STEELE TO 1.0 MI E STEELE INTR	AOCRC	15	15	2023	98	0.16	39
83	S	141.000	142.000	JCT 200 E AT UNDERWOOD TO N JCT	ASPHT	34	14	2024	99	0.09	75

### Bismarck District Segments Sorted by Distress (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
83	S	127.000	141.000	WASHBURN N TO JCT 200 E AT UNDE	ASPHT	34	14	2024	99	0.10	62
6	N	11.000	22.000	SELFRIDGE N TO 5 MI S PORCUPINE C	ASPHT	66	12	2023	99	0.10	48
83	N	128.000	141.000	WASHBURN N TO N JCT 200 E OF UND	ASPHT	34	14	2024	99	0.08	64
94	E	193.000	196.000	2 MILES E OF DRISCOLL	AOCRC	15	15	2023	99	0.14	47
94	E	198.000	201.000	2.0 MI E LONG LAKE E TO E STEELE	AOCRC	15	15	2023	99	0.10	46

**SEGMENT  
RANKING  
BASED ON**

**2024 DATA**

**AVERAGE  
SEGMENT  
IRI  
VALUES**

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
6	N	66.000	67.413	MDN-HEART RIVER N TO MAIN	JOINT	34	21	2017	89	-1.00	215
31	N	78.257	95.646	JCT I-94 N TO HANNOVER	ASPHT	19	19	2006	85	0.13	184
83	S	900.000	900.733	BIS-7TH ST (EXPRY N TO BROADWAY	ASPHT	75	11	2024	91	0.11	174
1806	N	70.548	71.000	MANDAN AVENUE (MAIN ST TO I-94)	JOINT	17	17	2008	82	-1.00	172
1806	N	68.000	69.000	CURB & GUTTER WEST SIDE SEGME	ASPHT	28	28	1997	81	0.21	171
49	N	36.331	48.000	ELGIN N TO HEART BUTTE DAM	ASPHT	67	26	2009	85	0.16	160
83	N	900.000	901.000	BIS-NINTH ST (EXPRY N TO ROSSER)	ASPHT	75	12	2023	95	0.13	153
1806	N	71.000	75.000	MANDAN AVENUE (I-94 TO REFINERY)	ASPHT	4	4	2021	98	0.12	150
83	S	900.733	901.000	BIS-7TH ST (BROADWAY N TO BOULE	ASPHT	75	14	2024	92	0.12	149
94	W	918.000	920.000	MANDAN - MEMORIAL HIGHWAY(THE	ASPHT	46	25	2013	73	0.27	147
83	N	24.942	25.000	LINTON - S JCT 13 TO 2ND ST SE	ASPHT	14	14	2011	82	0.15	145
83	N	901.000	901.523	BISMARCK-ROSSER TO BOULEVARD	ASPHT	75	14	2024	95	0.11	145
1806	N	69.000	70.086	NEAR 5TH ST SE N TO MAIN AVE-MD	JOINT	37	3	2022	91	-1.00	137
31	N	110.517	110.517	E JCT 200A N TO UNDERPASS	ASPHT	19	16	2006	91	0.11	135
200	E	925.654	936.383	WASHBURN N TO JCT 200	ASPHT	77	77	1948	81	0.15	134
31	N	110.517	112.195	UNDERPASS TO STANTON	ASPHT	19	16	2006	92	0.09	132
1804	N	50.000	52.000	2023 TEST SECTION CAPE SEAL	ASPHT	54	15	2023	87	0.15	131
31	N	0.000	19.000	STATE LINE N TO SHIELDS CORNER	ASPHT	58	25	2010	90	0.12	130
1806	N	67.000	68.000	POST NORTH TO BEGIN OF CURB & G	ASPHT	28	23	2012	78	0.25	130
94	E	918.000	920.000	BISMARCK-MANDAN STRIP	ASPHT	46	25	2013	79	0.19	129
3	N	84.000	85.111	DAWSON TO JCT I-94	ASPHT	59	59	1966	84	0.16	128

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
14	N	13.000	21.289	13 MILES FROM WING TO WING	ASPHT	1	1	2024	81	0.18	127
1804	S	77.000	78.575	BIS-N OF 12TH ST TO BIS EXPRESSW	ASPHT	20	15	2023	88	0.12	123
11	E	3.000	3.000	URBAN SECTION HAGUE	ASPHT	67	30	2008	91	0.08	122
1804	N	82.973	88.000	S JCT 83 W & N_TO 5.3 MILES	ASPHT	47	24	2011	84	0.20	122
31	N	19.000	35.257	SHIELDS CORNER TO JCT 21	ASPHT	62	25	2010	89	0.11	121
1804	N	53.000	56.000	2023 TEST SECTION RAP CAPE SEAL	ASPHT	58	15	2023	98	0.14	120
1806	N	63.000	67.000	FT LINCOLN STATE PARK N TO POST	ASPHT	28	23	2012	89	0.20	117
200	E	924.000	925.654	WASHBURN BRIDGE TO JCT 83 (SPU	ASPHT	20	20	2005	78	0.17	117
94	W	925.209	926.867	BISMARCK - MAIN AVE TO I-94	JOINT	21	12	2023	87	-1.00	117
11	E	0.000	3.000	JCT US 83 E TO HAGUE	ASPHT	67	30	2008	91	0.09	116
1804	N	95.000	99.000	12.5 MI NW BISMARCK NW TO 4 MI N	ASPHT	51	24	2011	91	0.11	116
94	E	909.000	913.000	0.9 MI S I-94 TO 0.4 MI W SUNNY RD	ASPHT	77	77	1948	87	0.11	114
1804	N	99.000	108.000	4 MI NW OF BIS TO CO LINE	ASPHT	51	24	2011	91	0.13	113
1804	N	47.000	50.000	2023 TEST SECTION DOUBLE CHIP SE	ASPHT	54	30	2008	92	0.13	113
24	N	0.000	7.000	JCT 6 N TO 2 MILES-S FT YATES SPU	ASPHT	62	16	2022	84	0.17	112
31	N	95.646	108.650	HANNOVER N TO W JCT 200 A	ASPHT	19	16	2006	88	0.09	111
200	E	175.000	178.000	E OF PICK CITY E TO SPILLWAY BRID	ASPHT	12	12	2013	81	0.37	111
94	E	925.209	926.867	BISMARCK - MAIN AVE TO I-94	JOINT	21	12	2023	88	-1.00	107
11	E	3.000	9.000	HAGUE E TO CO LN	ASPHT	67	30	2008	88	0.09	106
3	N	134.277	136.278	JCT 200 E TO HURDSFIELD	ASPHT	35	17	2018	86	0.22	106
24	N	7.000	10.000	2 MI S FT YATES TO N OF FT YATES	ASPHT	62	24	2014	86	0.12	105

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	E	908.791	909.000	JCT I-94 & 25 SOUTH	ASPHT	11	11	2014	76	0.24	104
1806	N	43.000	50.000	NEAR FT RICE TO HUFF	ASPHT	34	18	2020	86	0.14	104
36	E	37.000	38.916	TUTTLE TO JCT 3	ASPHT	50	50	1975	91	0.09	104
1806	N	50.000	62.000	HUFF TO 1.7 MILES S OF STATE PARK	ASPHT	34	18	2020	86	0.13	104
24	N	10.000	18.000	N OF FT YATES NORTH APPROX 8 MIL	ASPHT	62	18	2020	80	0.13	103
21	E	69.680	70.000	W JCT 49 E TO NEW LEIPZIG	ASPHT	12	12	2013	88	0.14	102
24	N	18.000	29.914	9 MI N FT YATES SPUR-N TO JCT 1806	ASPHT	59	18	2020	82	0.13	102
1806	N	62.000	63.000	1.7 S OF FT LINCOLN TO PARK ENTRA	ASPHT	28	18	2020	91	0.13	102
94	E	915.000	915.437	MANDAN - HEART RIVER BRIDGE TO	JOINT	17	14	2021	79	-1.00	101
94	W	915.715	916.000	MDN-MAIN AVE (HEART RIV-COLLINS)	JOINT	4	4	2021	89	-1.00	101
94	E	915.437	916.000	MDN-MAIN AVE (ND 6 TO COLLINS)	JOINT	29	14	2021	88	-1.00	100
13	E	200.000	222.622	LINTON E TO N JCT 3	ASPHT	24	19	2019	87	0.09	100
1804	N	88.000	95.000	5.3 MILES W & N JCT 83 TO N. JCT 83	ASPHT	47	24	2011	92	0.11	100
25	N	28.658	34.758	CENTER WEST TO JCT 31-HANNOVER	ASPHT	17	17	2008	80	0.13	100
14	N	0.000	13.000	STERLING TO 13 MILES FROM WING	ASPHT	1	1	2024	79	0.15	99
94	W	137.000	147.183	W SWEET BRIAR E TO E ND 25 INTR-	JOINT	20	20	2005	92	-1.00	99
200	E	908.000	909.000	POZ-O-PAC SECTION E 0.6 MI	ASPHT	20	20	2005	80	0.22	98
34	E	21.000	26.073	W NAPOLEON E TO JCT ND 3	ASPHT	24	21	2017	88	0.14	98
1804	N	59.000	62.000	2023 TEST SECTION RAP DOUBLE MI	ASPHT	58	15	2023	91	0.14	97
200	E	175.000	175.000	PICK CITY EAST	ASPHT	12	12	2013	88	0.36	97
200	E	904.857	908.000	EAST JCT 31 E TO POZ-O-PAC SECTI	ASPHT	20	20	2005	82	0.30	96

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
21	E	91.000	103.489	CARSON E TO JCT ND 31	ASPHT	11	11	2014	88	0.13	95
1804	N	77.000	78.575	N OF 12TH ST SOUTH TO BIS EXPRES	ASPHT	20	15	2023	95	0.10	94
94	E	913.000	914.000	0.4 MI W SUNNY RD TO W HEART RIV	ASPHT	77	20	2018	87	0.09	94
34	E	0.000	18.000	HAZELTON E TO CO LINE	ASPHT	24	21	2017	86	0.13	93
21	E	70.000	90.000	FROM NEW LEIPZIG TO CARSON	ASPHT	12	12	2013	86	0.13	92
83	N	901.523	902.646	BISMARCK-BOULEVARD TO I-94	JOINT	23	12	2023	89	-1.00	91
200	E	902.991	904.857	W JCT 31 TO EAST JCT 31	ASPHT	20	20	2005	85	0.27	90
1806	N	34.000	43.000	CANNONBALL RIVER TO NEAR FORT	ASPHT	34	24	2014	91	0.16	90
83	N	25.958	30.000	LINTON TO 5 MILES NORTH	ASPHT	16	16	2019	91	0.12	89
1806	N	75.000	76.000	I-94 NORTH 1.345 MILES	ASPHT	49	20	2018	89	0.14	88
94	W	121.000	128.000	E BLUEGRASS INTR TO E N SALEM IN	JOINT	36	36	2000	79	-1.00	88
83	N	64.000	64.000	STERLING	ASPHT	15	15	2018	88	0.18	87
1804	N	112.000	113.383	4 MI NW OF CO LN TO JCT 83	ASPHT	49	24	2011	92	0.14	87
94	W	916.000	917.901	MDN-MAIN AVE (COLLINS - TC DRIVE	JOINT	4	4	2021	91	0.14	87
200	E	169.952	174.000	JCT 1806 N TO PICK CITY	ASPHT	12	12	2013	85	0.31	87
49	N	70.000	73.943	JCT OLD 10 N TO I-94 INTERCHANGE	ASPHT	47	18	2017	85	0.20	85
194	E	0.000	0.000	EAST MIDWAY INT TO END CONC SEC	AOCRC	15	15	2019	87	0.14	85
83	N	64.000	65.000	STERLING TO JCT OLD US HWY 10	ASPHT	20	20	2018	86	0.17	85
41	N	32.995	35.000	JCT 200 N TO TURTLE LAKE	ASPHT	35	21	2014	96	0.09	85
36	E	23.907	37.000	WING EAST TO TUTTLE	ASPHT	50	45	1975	91	0.11	84
200	E	227.000	227.000	MCCLUSKY 44 FT STREET SECTION	ASPHT	35	20	2018	88	0.13	84

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
83	N	30.000	41.623	5 M N OF LINTON TO JCT 34 HAZELTO	ASPHT	16	16	2019	90	0.13	84
1804	N	56.000	59.000	2023 TEST SECTION DOUBLE MICRO	ASPHT	58	15	2023	87	0.15	83
94	E	916.581	917.043	MDN-MAIN ST (NEAR 1806 TO TC DRIV	JOINT	29	14	2021	92	0.14	83
94	W	97.188	101.000	HEBRON E TO NEAR EAGLES NEST	JOINT	6	6	2019	97	-1.00	83
200	E	192.873	197.047	JCT 83 E TO 4 MI CORNER E UNDERW	ASPHT	35	17	2021	93	0.13	83
34	E	34.000	45.208	8.3 MILES E JCT 3 E TO S JCT ND 30	ASPHT	64	24	2011	88	0.13	81
94	E	156.000	156.000	EAST MIDWAY INT TO GRANT MARSH	AOCRC	15	15	2019	93	0.15	81
200	E	900.000	901.000	JCT 200 EAST 1.5 MILES	ASPHT	12	12	2013	86	0.28	81
810	E	2.000	4.000	BIS EXPRESSWAY (WASH TO 26TH S	ASPHT	43	15	2023	92	0.12	81
810	E	0.000	2.000	BIS-MCKENZIE DR INTR E TO WASH S	ASPHT	15	15	2019	89	0.16	80
83	S	901.000	902.646	BISMARCK-BOULEVARD TO I-94	JOINT	23	12	2023	95	-1.00	80
1804	N	108.000	112.000	CO LN NW BISMARCK	ASPHT	49	24	2011	93	0.14	79
810	W	0.000	2.000	BIS-MCKENZIE DR E TO WASHINGTO	ASPHT	15	15	2019	92	0.16	79
200	E	179.000	182.000	RIVERDALE E TO GRADE RAISE	ASPHT	12	12	2013	87	0.25	78
6	N	63.000	66.000	S HEART RIV N TO HEART RIV-MANDA	ASPHT	30	20	2018	93	0.14	77
200	E	230.000	236.225	EAST OF MCCLUSKY TO ND 14	ASPHT	69	18	2017	87	0.15	77
83	S	88.998	89.000	JCT I-94 NORTH (W LANE)	JOINT	22	12	2023	94	-1.00	77
1806	N	31.190	34.000	JCT 24 E SOLEN N TO CANNONBALL	ASPHT	34	24	2014	93	0.13	77
49	N	69.000	70.000	GLEN ULLIN TO E JCT OLD 10	ASPHT	47	18	2017	96	0.15	77
1804	N	35.000	47.000	5.6 MI N ND 13 N TO HAZELTON JCT	ASPHT	39	23	2015	89	0.14	77
41	N	0.000	12.000	WILTON N TO RPT 12	ASPHT	64	24	2014	94	0.11	77

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	W	101.000	113.389	NEAR EAGLES NEST E TO E GECK IN	JOINT	31	31	1994	91	-1.00	76
1804	N	65.000	68.000	2023 TEST SECTION 0.75" HMA THINL	ASPHT	58	15	2023	94	0.13	76
48	N	0.000	9.261	CENTER N TO JCT 200	ASPHT	55	19	2016	95	0.09	76
49	N	67.000	69.000	GLEN ULLIN BYPASS E TO GLEN ULLI	ASPHT	42	18	2017	92	0.16	76
1804	N	26.000	30.000	N SIDE OF BEAVER BAY BR TO JCT 13	ASPHT	39	23	2015	87	0.15	76
200	E	182.000	188.892	GRADE RAISE E TO US 83	ASPHT	12	12	2013	89	0.27	76
200	E	157.781	169.952	JCT 200A N TO JCT 1806	ASPHT	72	19	2019	91	0.19	75
200	E	901.000	902.000	1.5 MI E JCT 200 E 0.7 MI	ASPHT	12	12	2013	78	0.29	75
83	S	141.000	142.000	JCT 200 E AT UNDERWOOD TO N JCT	ASPHT	34	14	2024	99	0.09	75
94	W	113.389	121.000	E GECK INTR E TO E BLUEGRASS INT	JOINT	39	39	2000	87	-1.00	74
21	E	90.000	91.000	CARSON CITY SECTION	ASPHT	12	12	2013	86	0.14	74
810	W	2.000	4.000	BIS-WASHINGTON ST TO NEAR YEGA	ASPHT	43	15	2023	93	0.14	74
83	N	15.000	24.942	STRASBURG N TO LINTON	ASPHT	14	14	2011	80	0.25	73
94	E	156.000	161.439	GRANT MARSH BRIDGE TO E E BIS IN	AOCRC	8	8	2018	90	0.18	73
1804	N	62.000	65.000	2023 TEST SEC. ULTRATHIN BLENDE	ASPHT	58	15	2023	91	0.13	73
83	S	142.000	147.556	N UNDERWOOD N TO N JCT 200	ASPHT	34	14	2024	95	0.12	73
1804	N	30.000	35.000	WEST LINTON,ND 13 NORTH	ASPHT	46	23	2015	89	0.14	73
3	N	51.000	58.000	N BURNSTAD JCT N TO NAPOLEON	ASPHT	16	16	2009	84	0.15	72
3	N	133.000	134.277	REALIGNMENT SECTION N TO JCT ND	ASPHT	21	13	2022	93	0.13	72
200	E	909.000	924.000	POZ-O-PAC SEC E TO WASHBURN BR	ASPHT	20	20	2005	86	0.15	72
94	W	156.000	161.439	GRANT MARSH BRIDGE TO E E BIS IN	AOCRC	8	8	2018	89	0.18	71

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
83	N	0.000	15.000	STATE LINE N TO STRASBURG	ASPHT	12	12	2013	86	0.16	71
94	E	100.000	114.000	NEAR EAGLES NEST E TO E GECK IN	JOINT	26	26	1999	89	-1.00	71
94	E	121.000	128.000	E BLUEGRASS INTR TO E N SALEM IN	JOINT	37	37	2000	85	-1.00	70
94	W	153.000	155.026	MANDAN AVE TO WEST MIDWAY INTE	AOCRC	15	15	2019	88	0.19	70
83	N	88.998	89.000	JCT I-94 NORTH (E LANE)	JOINT	22	12	2023	89	-1.00	69
41	N	12.000	24.995	RPT 12 TO ND 200 MERCER	ASPHT	64	24	2014	93	0.12	69
94	E	162.000	172.000	E BIS ENTR E TO E OF MENOKE INT	AOCRC	11	11	2016	80	0.19	69
83	N	141.000	147.556	JCT 200 E UNDERWOOD TO N JCT 20	ASPHT	34	14	2024	97	0.10	69
94	E	153.000	155.026	MANDAN AVE TO WEST MIDWAY INT	AOCRC	15	15	2019	86	0.20	68
34	E	18.000	21.000	CO LINE E TO W OF NAPOLEON	ASPHT	24	21	2017	85	0.10	68
1804	N	0.000	9.000	ST LN N TO NEAR 95TH ST SW	ASPHT	33	21	2017	90	0.14	68
200	E	227.000	230.000	MCCLUSKY EAST	ASPHT	71	18	2017	89	0.10	67
34	E	26.073	34.000	JCT ND 3 E 8.3 MILES	ASPHT	64	24	2011	87	0.13	67
810	W	4.000	5.741	BIS-NEAR YEGAN ROAD TO MAIN AVE	ASPHT	43	15	2023	92	0.13	67
3	N	59.000	59.566	NAPOLEON N TO JCT ND 34	ASPHT	16	16	2009	88	0.14	67
13	E	186.082	198.984	JCT 1804 E TO LINTON	ASPHT	45	22	2016	93	0.15	67
94	W	162.000	172.000	E OF BIS INTR TO E OF MENOKE INT	AOCRC	26	22	2016	81	0.18	66
83	N	113.000	117.000	N OF WILTON NORTH	ASPHT	9	9	2017	85	0.14	66
83	N	111.000	113.000	WILTON NORTH	ASPHT	9	9	2017	82	0.15	66
83	N	121.262	123.000	N OF WILTON TO S OF WASHBURN	ASPHT	9	9	2017	83	0.14	66
21	E	110.000	122.384	NP OVERHEAD TO JCT 6-E FLASHER	ASPHT	27	19	2016	92	0.15	66

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
36	E	0.000	23.907	WILTON EAST TO JCT 14 WING	ASPHT	51	15	2020	95	0.11	65
1804	N	18.000	26.000	BEAVER BAY S APPROX 8 MI (W LINT	ASPHT	35	23	2015	88	0.19	65
1806	N	76.000	85.800	1.345 MI N I-94 N APPROX 9.5 MILES	ASPHT	49	20	2018	91	0.10	65
3	N	41.862	51.000	W JCT 13 N TO BURNSTAD JCT	ASPHT	14	14	2011	91	0.16	65
6	N	6.104	11.000	JCT ND 24 TO SELFRIDGE	ASPHT	62	17	2021	93	0.11	64
83	N	128.000	141.000	WASHBURN N TO N JCT 200 E OF UN	ASPHT	34	14	2024	99	0.08	64
94	W	147.183	153.000	E ND 25 E TO MANDAN AVE -WB	AOCRC	18	18	2019	83	0.22	64
6	N	52.000	63.000	NEAR ST ANTHONY N TO S OF HEART	ASPHT	30	20	2018	86	0.18	64
6	N	0.000	6.104	ST LN TO JCT ND 24	ASPHT	62	17	2021	92	0.12	64
21	E	103.489	109.000	JCT 31 TO NP OVERHEAD-FLASHER	ASPHT	27	19	2016	96	0.15	63
200	E	236.225	249.000	ND 14 TO COUNTY LINE	ASPHT	69	17	2018	91	0.14	63
21	E	109.000	110.000	NP OVERHEAD & APPROACH-E FLAS	ASPHT	27	19	2016	89	0.14	63
810	E	4.000	5.741	BIS-NEAR YEGAN ROAD TO MAIN AVE	ASPHT	40	15	2023	96	0.11	62
1804	N	68.000	69.000	STATION 3632+05 TO 3654+22	ASPHT	16	15	2023	97	0.10	62
94	W	161.439	162.000	E BIS INTR E TO E OF BIS INTR	AOCRC	8	8	2018	83	0.15	62
810	E	0.000	0.000	N OF MCKENZIE DR TO MCKENZIE DR	ASPHT	15	15	2019	90	0.16	62
83	S	127.000	141.000	WASHBURN N TO JCT 200 E AT UNDE	ASPHT	34	14	2024	99	0.10	62
83	N	123.000	127.000	S OF WASHBURN NORTH TO WASHB	ASPHT	9	9	2017	85	0.14	61
83	S	125.000	127.000	NEAR WASHBURN TO WASHBURN	ASPHT	9	9	2017	81	0.16	61
3	N	132.000	133.000	REALIGNMENT SECTION	ASPHT	13	13	2022	95	0.11	61
25	N	0.000	28.658	JCT I-94 N TO JCT 48 CENTER	ASPHT	12	12	2017	92	0.10	60

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
94	E	147.183	153.000	E ND 25 E TO MANDAN AVE	AOCRC	18	18	2019	87	0.19	60
200	E	197.047	205.797	4 MI COR E UNDERWOOD E TO W JCT	ASPHT	35	17	2021	90	0.13	60
194	W	0.000	0.000	EAST MIDWAY INT TO END CONC SEC	AOCRC	15	15	2019	93	0.17	60
3	N	113.000	117.000	JCT HWY 36 AT TUTTLE TO 3 MI N	ASPHT	21	13	2022	93	0.09	60
94	E	172.000	182.488	E OF MENOKEN INTR E TO STERLING	AOCRC	11	11	2016	85	0.15	60
3	N	117.000	132.000	3 MI N TUTTLE N TO REALIGNMENT	ASPHT	21	13	2022	93	0.10	59
24	N	30.000	45.046	SOLEN EAST AND WEST	ASPHT	55	16	2022	91	0.09	59
200	E	205.797	213.797	W JCT 41 TO E JCT 41-MERCER	ASPHT	35	17	2021	92	0.13	59
49	N	73.943	82.000	I-94 INTERCHANGE N TO MORTON CO	ASPHT	8	8	2017	85	0.22	59
83	S	111.000	117.000	WILTON NORTH	ASPHT	9	9	2017	83	0.15	59
83	N	117.000	121.262	N OF WILTON TO WASHBURN	ASPHT	9	9	2017	86	0.14	59
1804	N	74.000	75.000	S OF 48TH AVE TO FT. LINCOLN	ASPHT	22	15	2023	85	0.13	59
1804	S	76.000	77.000	BISMARCK AIRPORT TO N OF 12TH S	ASPHT	22	15	2023	92	0.13	59
1804	N	70.000	72.000	STATION 3721+00 TO SIGNAL STREET	ASPHT	16	15	2023	95	0.10	59
94	E	182.488	191.000	STERLING INTR E TO E DRISCOLL INT	AOCRC	24	22	2016	84	0.16	58
810	W	0.000	0.000	N OF MCKENZIE DR TO MCKENZIE DR	ASPHT	15	15	2019	91	0.15	57
6	N	28.000	35.000	N OF PORCUPINE CREEK N TO JCT 24	ASPHT	67	13	2022	91	0.13	57
6	N	42.149	52.000	JCT INN N TO ST ANTHONY	ASPHT	30	20	2018	89	0.20	57
14	N	33.000	45.777	1 MI S OF CO LN NORTH TO JCT 200	ASPHT	50	18	2017	90	0.15	56
1804	N	68.000	68.000	NEAR COTTONTAIL WAY	ASPHT	58	15	2023	98	0.10	56
200	E	249.000	252.062	CO LN TO JCT 3 SOUTH	ASPHT	71	17	2018	89	0.13	56

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
1804	N	69.000	70.000	STATION 3679+63 TO 3704+40	ASPHT	16	15	2023	97	0.11	56
83	S	122.000	125.000	SOUTH OF WASHBURN TO NEAR WA	ASPHT	9	9	2017	83	0.16	55
94	W	182.488	191.000	STERLING INTR E TO E DRISCOLL INT	AOCRC	24	22	2016	84	0.18	55
83	N	41.623	44.000	JCT 34 NORTH TO RPT 44	ASPHT	20	20	2018	85	0.17	55
83	S	117.000	122.000	WILTON NORTH	ASPHT	9	9	2017	84	0.15	54
83	N	44.000	64.000	RPT 44 TO STERLING	ASPHT	20	20	2018	86	0.17	54
83	N	89.000	100.000	BISMARCK N TO MIDWAY	ASPHT	61	15	2020	93	0.16	54
1804	S	74.000	75.000	SOUTH OF 48TH AVE TO FT LINCOLN	ASPHT	22	15	2023	88	0.12	54
1804	N	76.000	77.000	CURB & GUTTER TO N OF 12TH ST SO	ASPHT	22	15	2023	90	0.10	54
200	E	213.797	227.000	E JCT 41-MERCER-E TO MCCLUSKY	ASPHT	35	17	2018	88	0.15	54
36	E	48.000	53.000	ROBINSON E TO 3MI W OF LAKE WILL	ASPHT	18	16	2022	88	0.12	54
6	N	35.000	42.149	N JCT 24 N TO JCT ND 21	ASPHT	69	13	2022	89	0.12	54
94	W	172.000	182.488	E OF MENOKEN INTR E TO STERLING	AOCRC	26	22	2016	86	0.15	53
6	N	22.000	26.000	5 MI S PORCUPINE CREEK N 4.8 MI	ASPHT	67	13	2022	91	0.11	53
94	E	114.000	121.000	E GECK INTR E TO E BLUEGRASS INT	JOINT	39	39	1999	86	-1.00	53
83	N	100.000	111.000	MIDWAY TO WILTON	ASPHT	56	15	2020	96	0.15	52
83	S	89.000	105.000	BISMARCK N TO S OF WILTON	ASPHT	35	15	2020	97	0.15	52
1804	N	9.000	18.000	NEAR 95TH ST TO 8.0 MI S BEAVER B	ASPHT	33	33	1992	90	0.15	52
94	E	191.000	193.000	E DRISCOLL INTR E TO E LONG LAKE	AOCRC	23	22	2016	87	0.15	52
3	N	59.566	69.000	JCT ND 34 NORTH TO NEAR 52ND ST	ASPHT	9	9	2016	87	0.15	52
3	N	93.053	95.000	STEELE NORTH	ASPHT	22	17	2018	91	0.15	51

## Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
14	N	21.289	33.000	WING N TO 1 MI S OF COUNTY LINE	ASPHT	60	18	2017	92	0.15	50
94	E	97.188	100.000	HEBRON E TO NEAR EAGLES NEST	JOINT	16	16	2009	88	-1.00	50
1804	N	72.000	74.000	NEAR PRIORY CORNER TO S OF 48TH	ASPHT	18	15	2023	92	0.14	50
94	W	191.000	193.000	2 MILES E OF LONG LAKE	AOCRC	24	22	2016	82	0.13	50
1804	N	75.000	76.000	FT LINCOLN N TO BISMARCK AIRPOR	ASPHT	22	15	2023	87	0.09	49
6	N	26.000	28.000	PORCUPINE CREEK N & S	ASPHT	38	13	2022	93	0.10	49
1804	S	72.193	74.000	SIGNAL STREET N TO SOUTH OF 48T	ASPHT	18	15	2023	94	0.13	48
6	N	11.000	22.000	SELFRIDGE N TO 5 MI S PORCUPINE	ASPHT	66	12	2023	99	0.10	48
94	E	193.000	196.000	2 MILES E OF DRISCOLL	AOCRC	15	15	2023	99	0.14	47
94	E	196.000	198.000	E LONG LAKE INTR E 2.0 MILES	AOCRC	15	15	2023	98	0.15	46
94	E	198.000	201.000	2.0 MI E LONG LAKE E TO E STEELE	AOCRC	15	15	2023	99	0.10	46
83	S	105.000	111.000	S OF WILTON TO WILTON	ASPHT	35	15	2020	94	0.15	46
1804	S	75.000	76.000	FT LINCOLN TO BISMARCK AIRPORT	ASPHT	22	15	2023	90	0.09	46
3	N	95.000	103.000	JCT I-94 STEELE NORTH 10 MILES	ASPHT	22	17	2018	95	0.12	46
3	N	69.000	84.000	NEAR 52ND ST SE TO DAWSON	ASPHT	9	9	2016	90	0.10	45
94	W	208.000	208.702	W DAWSON INTR E TO DISTRICT BOU	AOCRC	15	15	2023	92	0.17	44
94	W	193.000	201.000	BURL COUNTY LINE TO LONG LAKE	AOCRC	15	15	2023	98	0.14	43
94	W	128.000	137.000	E N SALEM INTR E TO W SWEET BRIA	CRCP	22	22	2003	90	-1.00	43
3	N	103.000	113.000	10 MI N OF STEELE TO JCT 36 TUTTLE	ASPHT	22	17	2018	91	0.13	42
94	E	201.000	208.702	E STEELE INTER TO DISTRICT BOUND	AOCRC	15	15	2023	98	0.15	42
94	W	203.000	208.000	1.0 MI E STEELE INTR E TO W DAWSO	AOCRC	15	15	2023	95	0.14	42

### Bismarck District Segments Sorted by IRI (Worst to Best)

Hwy	Dir	BegRP	EndRP	Location	Pvmt_Desc	Age	Eff_Age	YrLastCons	Distress	Avg_Rut	Avg_IRI
36	E	38.916	48.000	JCT 3-TUTTLE E TO ROBINSON	ASPHT	3	3	2022	89	0.10	42
94	E	137.000	147.183	W SWEET BRIAR E TO E ND 25 INTR-E	CRCP	21	21	2004	95	-1.00	41
94	E	128.000	137.000	E N SALEM INTR E TO W SWEET BRIAR	CRCP	23	23	2002	92	-1.00	40
36	E	53.000	62.000	3 MI W OF LAKE WILLIAMS TO CNTY L	ASPHT	51	16	2022	87	0.10	40
94	W	201.000	203.000	E STEELE TO 1.0 MI E STEELE INTR	AOCRC	15	15	2023	98	0.16	39

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		41.862	0.0000	51.000	0.9260	10.0639	2.0	24.0	2.0	8.0	7.0	34.0	28.0	85	448 2022	63	14	14	2014	FLEX	ASPHT	RCR	2	2011	2011	2011	F CHIP SEAL
W JCT 13 N TO BURNSTAD JCT																		2015	DIST	95	RIDE	4.16	PRPI	GOOD	IRI	54			
																		2016	DIST	90	RIDE	4.22	PRPI	GOOD	IRI	51			
																		2017	DIST	89	RIDE	4.10	PRPI	GOOD	IRI	56			
																		2018	DIST	95	RIDE	4.11	PRPI	GOOD	IRI	56			
																		2019	DIST	93	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2020	DIST	96	RIDE	4.23	PRPI	GOOD	IRI	51			
																		2021	DIST	95	RIDE	4.04	PRPI	GOOD	IRI	59			
																		2022	DIST	94	RIDE	4.08	PRPI	GOOD	IRI	57			
																		2023	DIST	93	RIDE	3.98	PRPI	GOOD	IRI	61			
																		2024	DIST	91	RIDE	3.92	PRPI	GOOD	IRI	64			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT											
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT								
42	4.22	92	0.15	51.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	0	0
43	4.15	89	0.15	54.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0	0	0
44	3.88	90	0.15	66.00	GOOD	N/A	N/A	0	0	1	8	0	0	0	0	0	0
45	3.99	92	0.16	61.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	0	0
46	3.78	91	0.16	71.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0	0	0
47	3.99	92	0.12	62.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	0	0
48	3.77	92	0.13	72.00	GOOD	N/A	N/A	0	0	1	6	0	0	0	0	0	0
49	3.87	92	0.16	67.00	GOOD	N/A	N/A	0	0	1	6	0	0	0	0	0	0
50	3.66	88	0.19	76.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0	0	0
51	3.88	89	0.18	67.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0	0	0
AVG	3.92	91	0.16	64.70	GOOD	N/A	N/A	1	0	1	7	0	0	0	0	0	0

9 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN		
DEPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	GRADE		34.0				1958	203				
7.0	EMULSIFIED BASE		30.0		SS-1		1959					
2.0	HOT BIT PAVEMENT		24.0		150-200		1959	183	20			
3.0	HOT BIT PAVEMENT		24.0		120-150	29	1992	559	20			
	CONTRACT SAND SEAL		24.0		HFMS-2		1994	69				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2001					
5.0	SALVAGED AGGR BASE	2.0		2.0			2011			16825	1	
3.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2011	4027	20	16825	1	
	FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2014	335		18841	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		51.000	0.9260	58.000	0.4810	6.5478	6.0	24.0	6.0	3.0	8.0	44.0	36.0	98	561 2022	66	16	16	2014	FLEX	ASPHT	RCR	2	2009	2009	2009	F CHIP SEAL
N BURNSTAD JCT N TO NAPOLEON																		2015	DIST	92	RIDE	3.90	PRPI	GOOD	IRI	65			
																		2016	DIST	94	RIDE	3.97	PRPI	GOOD	IRI	62			
																		2017	DIST	88	RIDE	3.88	PRPI	GOOD	IRI	66			
																		2018	DIST	94	RIDE	3.85	PRPI	GOOD	IRI	67			
																		2019	DIST	92	RIDE	3.91	PRPI	GOOD	IRI	65			
																		2020	DIST	89	RIDE	3.96	PRPI	GOOD	IRI	63			
																		2021	DIST	88	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2022	DIST	88	RIDE	3.86	PRPI	GOOD	IRI	67			
																		2023	DIST	85	RIDE	3.78	PRPI	GOOD	IRI	70			
																		2024	DIST	84	RIDE	3.76	PRPI	GOOD	IRI	72			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE, DISTRESS & RT
52	3.93	82	0.16	64.00	GOOD	N/A	N/A	9 0 1 7 0 0 0 0	
53	3.94	82	0.16	64.00	GOOD	N/A	N/A	9 0 1 7 0 0 0 0	
54	3.98	81	0.16	62.00	GOOD	N/A	N/A	9 0 1 8 0 0 0 0	
55	4.00	88	0.12	61.00	GOOD	N/A	N/A	3 0 1 7 0 0 0 0	
56	3.98	85	0.15	62.00	GOOD	N/A	N/A	6 0 1 7 0 0 0 0	
57	3.92	82	0.13	65.00	GOOD	N/A	N/A	9 0 1 7 0 0 0 0	
58	2.59	87	0.17	127.00	POOR	N/A	N/A	3 0 2 5 0 0 2 0	
AVG	3.76	84	0.15	72.14	GOOD	N/A	N/A	7 0 1 7 0 0 0 0	

5 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	8.0	CEMENT TREATED BASE		44.0				1983	1027		16409	1	
	3.0	HBP-SUPERPAVE-FAA 43	2.0	24.0	2.0	PG 58-28	SP	2009	2330	20	16409	1	
	3.0	SALVAGED AGGR BASE	4.0		4.0			2009			16409	1	
		FEDERAL AID CHIP SEAL		36.0		CRS2P	41	2014	218		18838	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	3	N		58.000	0.4810	59.000	0.0810	0.6039	8.5	24.0	8.5	6.5	7.0	45.0	41.0	142	1688 2022	129	16	16	2014	FLEX	ASPHT	RCR	2	2009	2009	2009	F CHIP SEAL																					
NAPOLEON 44 STREET SECTION																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPATH (IN) COMPONENTS											
CURB & GUTTER FACE-FACE		44.0				1958	22				
3.5 AGGREGATE BASE		41.0				1958					
3.5 EMULSIFIED BASE		41.0				1958					
2.5 HOT BIT PAVEMENT		41.0		120-150		1958	15	20			
CONTRACT CHIP SEAL		41.0		HFMS-2		1988	4				
DISTRIC CHIP SEAL		24.0		MC-3000	43	2004	4				
2.0 HBP-SUPERPAVE-FAA 45		41.0		PG 58-28	SP	2009	215	20	16409	1	
2.0 HBP-SUPERPAVE-FAA 45		41.0		PG 64-28	SP	2009			16409	1	
FEDERAL AID CHIP SEAL		41.0		CRS2P	41	2014	20		18838	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		59.000	0.0810	59.566	0.0000	0.4904	1.0	24.0	1.0	6.0	7.0	32.0	26.0	125	1265 2022	83	16	16	2014	FLEX	ASPHT	RCR	2	2009	2009	2009	F CHIP SEAL
NAPOLEON N TO JCT ND 34																		2015	DIST 88	RIDE 3.77	PRPI	GOOD	IRI 71						
																		2016	DIST 94	RIDE 4.01	PRPI	GOOD	IRI 60						
																		2017	DIST 88	RIDE 3.99	PRPI	GOOD	IRI 61						
																		2018	DIST 92	RIDE 3.93	PRPI	GOOD	IRI 64						
																		2019	DIST 93	RIDE 3.98	PRPI	GOOD	IRI 62						
																		2020	DIST 93	RIDE 3.97	PRPI	GOOD	IRI 62						
																		2021	DIST 93	RIDE 3.99	PRPI	GOOD	IRI 61						
																		2022	DIST 93	RIDE 3.91	PRPI	GOOD	IRI 65						
																		2023	DIST 90	RIDE 3.88	PRPI	GOOD	IRI 67						
																		2024	DIST 88	RIDE 3.85	PRPI	GOOD	IRI 67						

1999 - SEALED MAINTENANCE PATCHES WITH MC-3000, CLASS 43 CHIPS (5 MI - \$47,251)  
 2003 - INTERMITTENT PATCHING 59.059-60.087, 61.541-64.000, 66.404 - 82.255

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
59	3.85	88	0.14	67.00	GOOD	N/A	N/A	3	0	1	5	0	2	0
AVG	3.85	88	0.14	67.00	GOOD	N/A	N/A	3	0	1	5	0	2	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.5	AGGREGATE BASE		32.0				1956	5				
3.5	EMULSIFIED BASE		30.0				1958					
3.5	EMULSIFIED BASE		28.0		SS-1		1958					
2.5	HOT BIT PAVEMENT		24.0		120-150		1958	8	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1988	3				
	INT CONT PATCH-1.25"		24.0		120-150		1992	4				
	DISTRICT CHIP SEAL		24.0		MC-3000		1994	1				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	4		15515		1
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	5				
1.5	HBP-SUPERPAVE-FAA 43		26.0		PG 58-28	SP	2009	175	20	16409		1
2.0	HBP-SUPERPAVE-FAA 43		26.0		PG 64-28	SP	2009			16409		1
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2014	16		18838		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		59.566	0.0000	69.000	0.5560	9.9800	4.0	24.0	4.0	6.0	7.0	48.0	32.0	103	627 2022	53	9	9	2018	FLEX	ASPHT	RCR	2	2016	2016	2016	R CHIP SEAL
				JCT ND 34 NORTH TO NEAR 52ND ST SE																									
				1999 - SEALED MAINTENANCE PATCHES WITH MC-3000, CLASS 43 CHIPS (5 MI - \$47,251)																									
				2003 - INTERMITTENT PATCHING 59.059-60.087, 61.541-64.000																									
																						2015	DIST 81	RIDE 2.75	PRPI	GOOD	IRI 37		
																						2016	DIST 99	RIDE 4.57	PRPI	GOOD	IRI 37		
																						2017	DIST 93	RIDE 4.45	PRPI	GOOD	IRI 37		
																						2018	DIST 93	RIDE 4.41	PRPI	GOOD	IRI 42		
																						2019	DIST 95	RIDE 4.28	PRPI	GOOD	IRI 48		
																						2020	DIST 95	RIDE 4.36	PRPI	GOOD	IRI 45		
																						2021	DIST 93	RIDE 4.31	PRPI	GOOD	IRI 47		
																						2022	DIST 94	RIDE 4.31	PRPI	GOOD	IRI 47		
																						2023	DIST 92	RIDE 4.30	PRPI	GOOD	IRI 47		
																						2024	DIST 87	RIDE 4.21	PRPI	GOOD	IRI 51		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	AC	BLD	LC	TC	BC	RW	BP	RT			
60	4.36	86	0.14	45.00	GOOD	N/A	N/A	3	0	2	8	0	0	0			
61	4.37	85	0.13	45.00	GOOD	N/A	N/A	3	0	5	6	0	0	0			
62	4.41	92	0.13	43.00	GOOD	N/A	N/A	0	0	0	7	0	0	0			
63	4.29	91	0.15	48.00	GOOD	N/A	N/A	0	0	1	7	0	0	0			
64	4.29	84	0.17	48.00	GOOD	N/A	N/A	3	0	0	6	0	0	6			
65	4.10	81	0.17	57.00	GOOD	N/A	N/A	3	0	1	6	0	0	2			
66	4.01	87	0.16	61.00	GOOD	N/A	N/A	0	0	0	6	0	0	6			
67	4.07	87	0.15	58.00	GOOD	N/A	N/A	3	0	1	6	0	0	2			
68	4.13	87	0.15	55.00	GOOD	N/A	N/A	3	0	0	7	0	0	2			
69	4.07	93	0.14	58.00	GOOD	N/A	N/A	0	0	0	6	0	0	0			
AVG		4.21	87	0.15	51.80	GOOD	N/A	N/A	2	0	1	7	0	1			

14 OCCURS	DEPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RS HL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1956	102				
	3.5	AGGREGATE BASE		30.0				1958					
	3.5	EMULSIFIED BASE		28.0		SS-1		1958					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1958	170	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1988	64				
		INT CONT PATCH-1.25"		24.0		120-150		1992	77				
		DISTRICT CHIP SEAL		24.0		MC-3000		1994	27				
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	78		15515	1	
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	96				
		WIDENING	8.0		8.0			2016			17707	1	
	7.0	AGGREGATE BASE	4.0		4.0		05	2016			17707	1	
	3.5	AGGREGATE BASE	2.0		2.0		04	2016			17707	1	
	3.5	HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2016	5142	20	17707	1	
		RAP CHIP SEAL		28.0		CRS2P	01	2018	281		21799	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		69.000	0.5560	84.000	0.1383	14.5728	4.0	24.0	4.0	6.0	7.0	48.0	32.0	98	539 2022	48	9	9	2018	FLEX	ASPHT	RCR	2	2016	2016	2016	F CHIP SEAL
NEAR 52ND ST SE TO DAWSON																													
1999 - SEALED MAINTENANCE PATCHES WITH MC-3000, CLASS 43 CHIPS (5 MI - \$47,251)																													
2003 - INTERMITTENT PATCHING 66.404 - 82.255																													
2015 DIST 85 RIDE 3.17 PRPI GOOD IRI 99																													
2016 DIST 99 RIDE 4.57 PRPI EXCL IRI 35																													
2017 DIST 94 RIDE 4.55 PRPI GOOD IRI 37																													
2018 DIST 92 RIDE 4.48 PRPI GOOD IRI 39																													
2019 DIST 95 RIDE 4.48 PRPI GOOD IRI 39																													
2020 DIST 94 RIDE 4.48 PRPI GOOD IRI 39																													
2021 DIST 94 RIDE 4.44 PRPI GOOD IRI 41																													
2022 DIST 93 RIDE 4.43 PRPI GOOD IRI 42																													
2023 DIST 96 RIDE 4.39 PRPI GOOD IRI 43																													
2024 DIST 90 RIDE 4.35 PRPI GOOD IRI 45																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
70	4.25	93	0.14	50.00	GOOD	N/A	N/A	0	0	6	0	0	0	0
71	4.11	93	0.13	56.00	GOOD	N/A	N/A	0	0	6	0	0	0	0
72	4.42	88	0.12	42.00	GOOD	N/A	N/A	3	0	7	0	0	0	0
73	4.50	92	0.10	39.00	GOOD	N/A	N/A	0	0	7	0	0	0	0
74	4.52	90	0.12	38.00	GOOD	N/A	N/A	3	0	6	0	0	0	0
75	4.44	88	0.10	41.00	GOOD	N/A	N/A	3	0	7	0	0	0	0
76	4.62	89	0.07	33.00	EXCL	N/A	N/A	3	0	7	0	0	0	0
77	4.58	89	0.10	36.00	GOOD	N/A	N/A	3	0	6	0	0	0	0
78	4.32	88	0.12	47.00	GOOD	N/A	N/A	3	0	8	0	0	0	0
79	4.32	92	0.09	47.00	GOOD	N/A	N/A	0	0	7	0	0	0	0
80	3.92	93	0.08	64.00	GOOD	N/A	N/A	0	0	6	0	0	0	0
81	4.46	92	0.10	40.00	GOOD	N/A	N/A	0	0	7	0	0	0	0
82	4.33	90	0.10	46.00	GOOD	N/A	N/A	3	0	6	0	0	0	0
83	4.54	85	0.06	37.00	EXCL	N/A	N/A	3	0	7	4	0	0	0
84	3.91	90	0.10	65.00	GOOD	N/A	N/A	3	0	5	0	0	0	0
AVG	4.35	90	0.10	45.40	GOOD	N/A	N/A	2	0	6	0	0	0	0

14 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPNTH (IN)											
GRADE		32.0				1956	148				
3.5 AGGREGATE BASE		30.0				1958					
3.5 EMULSIFIED BASE		28.0		SS-1		1958					
2.5 HOT BIT PAVEMENT		24.0		120-150		1958	249	20			
CONTRACT CHIP SEAL		24.0		HFMS-2		1988	93				
INT CONT PATCH-1.25"		24.0		120-150		1992	112				
DISTRICT CHIP SEAL		24.0		MC-3000		1994	40				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	113		15515	1	
DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	141				
WIDENING	8.0		8.0			2016			17707	1	
7.0 AGGREGATE BASE	4.0		4.0		05	2016			17707	1	
3.5 AGGREGATE BASE	2.0		2.0		04	2016			17707	1	
3.5 HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2016	7509	20	17707	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2018	411		21799	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	3	N		84.000	0.1383	84.000	0.2898	0.1515		24.0		6.0	7.0	32.0	24.0	110	769 2022	85	9	9	2018	FLEX	ASPHT	RCR	2	2016	2016	2016	F CHIP SEAL																				
URBAN SECTION DAWSON TO COOK STREET																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	28.0					1935					
	4.0	AGGREGATE BASE	26.0					1935					
	3.0	COLD BITUMINOUS PAVEMENT	20.0			MC-3		1935					
		MTCE SHOULDER WIDENING	32.0					1959					
	2.5	HOT BIT PAVEMENT	24.0			120-150		1959	5	20			
		CONTRACT CHIP SEAL	24.0			HFMS-2		1988		1			
		DISTRICT CHIP SEAL	24.0			MC-3000	43	2004		2			
	3.5	HBP-SUPERPAVE-FAA 42	24.0			PG 58-28	SP	2016	78	20	17707	1	
		FEDERAL AID CHIP SEAL	24.0			CRS2P	41	2018	4		21799	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	3	N		84.000	0.2898	84.000	0.4638	0.1740	7.0	24.0	7.0	9.5	5.0	41.0	38.0	115	825 2022	85	9	9	2018	FLEX	ASPHT	RCR	2	2016	2016	2016	F CHIP SEAL						
URBAN SECTION DAWSON_TO BNSF																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		40.0				1965					
5.0	AGGREGATE BASE		40.0				1965					
4.0	HOT BIT PAVEMENT		40.0		120-150		1966					
2.0	HOT BIT PAVEMENT		40.0		120-150		1966					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1988		2			
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004		2			
3.5	HBP-SUPERPAVE-FAA 42		38.0		PG 58-28	SP	2016	90	20	17707	1	
	FEDERAL AID CHIP SEAL		38.0		CRS2P	41	2018	5		21799	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	3	N		84.000	0.4638	84.000	0.9660	0.5022	5.0	24.0	5.0	9.5	5.0	38.0	34.0	115	825 2022	85	9	9	2018	FLEX	ASPHT	RCR	2	2016	2016	2016	F CHIP SEAL						
DAWSON N TO COUNTY ROAD 10																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE	38.0	36.0				1965					
4.0	HOT BIT PAVEMENT		34.0		120-150		1966					
2.0	HOT BIT PAVEMENT		24.0		120-150		1966					
	CONTRACT CHIP SEAL		24.0		HFMS-2		1988		1			
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004		2			
3.5	HBP-SUPERPAVE-FAA 42		34.0		PG 58-28	SP	2016	259	20	17707		1
	FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2018	14		21799		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR	EFF SEAL	HWY	PVMT TYPE	PVMT DESC	PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																														
1	3	N		84.000	0.9660		85.111	0.0000	0.2187		5.0	24.0	5.0	6.0	5.0	38.0	34.0	115	825 2022	58	59	59	2004	FLEX	ASPHT	RCR	2	1966	1966	1966	D CHIP SEAL																																																
DAWSON TO JCT I-94																				2015	DIST 91	RIDE 1.77	PRPI	POOR	IRI 174	2016	DIST 92	RIDE 2.11	PRPI	POOR	IRI 154	2017	DIST 91	RIDE 1.72	PRPI	POOR	IRI 177	2018	DIST 89	RIDE 2.05	PRPI	POOR	IRI 157	2019	DIST 90	RIDE 1.59	PRPI	POOR	IRI 186	2020	DIST 87	RIDE 2.11	PRPI	POOR	IRI 153	2021	DIST 99	RIDE 2.38	PRPI	POOR	IRI 138	2022	DIST 93	RIDE 2.66	PRPI	POOR	IRI 124	2023	DIST 99	RIDE 2.72	PRPI	POOR	IRI 121	2024	DIST 84	RIDE 2.58	PRPI	POOR	IRI 128

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
85	2.58	84	0.16	128.00	POOR	N/A	N/A	6	0	4	5	0	0	0	0
AVG	2.58	84	0.16	128.00	POOR	N/A	N/A	6	0	4	5	0	0	0	0

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1965	8				
	5.0	AGGREGATE BASE		36.0				1965	3				
	4.0	HOT BIT PAVEMENT		34.0		120-150		1966					
	2.0	HOT BIT PAVEMENT		24.0		120-150		1966	11	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1988	4				
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	2				

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	3	N		93.053	0.0000	95.000	0.7000	2.7326	2.0	24.0	2.0	8.0	9.0	38.0	28.0	152	731 2022	119	22	17	2021	FLEX	ASPHT	RCR	2	2003	2018	2018	C	CHIP SEAL
STEELE NORTH																		2015	DIST 87	RIDE	3.36	PRPI	GOOD	IRI	90					
																		2016	DIST 87	RIDE	3.38	PRPI	GOOD	IRI	89					
																		2017	DIST 84	RIDE	3.07	PRPI	POOR	IRI	104					
																		2018	DIST 89	RIDE	3.06	PRPI	POOR	IRI	104					
																		2019	DIST 98	RIDE	4.51	PRPI	GOOD	IRI	38					
																		2020	DIST 93	RIDE	4.49	PRPI	GOOD	IRI	39					
																		2021	DIST 95	RIDE	4.40	PRPI	GOOD	IRI	43					
																		2022	DIST 95	RIDE	4.30	PRPI	GOOD	IRI	48					
																		2023	DIST 95	RIDE	4.28	PRPI	GOOD	IRI	49					
																		2024	DIST 91	RIDE	4.22	PRPI	GOOD	IRI	51					

1997 DISTRICT CHIP SEAL - WAS ACTUALLY SCOTCH SEALING OF WEAK AREAS.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
93	3.79	91	0.14	70.00	GOOD	N/A	N/A	3	0	2	3	0	0
94	4.42	92	0.14	43.00	GOOD	N/A	N/A	3	0	0	4	0	0
95	4.44	91	0.16	41.00	GOOD	N/A	N/A	3	0	1	4	0	0
AVG	4.22	91	0.15	51.33	GOOD	N/A	N/A	3	0	1	4	0	0

12 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1965	27				
	5.0	AGGREGATE BASE		36.0				1965	19				
	4.0	HOT BIT PAVEMENT		34.0		120-150		1966					
	2.0	HOT BIT PAVEMENT		24.0		120-150		1966	49	20			
		DISTRICT CHIP SEAL		24.0		MC-3000		1995	48				
		INT MTCE PATCH-2.0"		24.0		120-150		1996	312				
		DISTRICT CHIP SEAL		24.0		MC-3000		1996	42				
		DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	7				
	3.0	HOT BIT PAVEMENT		30.0		PG 58-28	27	2003	105	20	8	1	
		SLURRY SEAL		24.0			SS	2006	82		16457	1	
	3.0	HBP-SUPERPAVE-FAA 43	2.0	24.0	2.0	PG 58-28	SP	2018	898	10	18810	1	
		CONTRACT CHIP SEAL		28.0		CRS2P	41	2021	72		22851	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	3	N		95.000	0.7000	103.000	0.6700	7.9570	2.0	24.0	2.0	8.0	7.0	39.0	28.0	148	667 2022	119	22	17	2021	FLEX	ASPHT	RCR	2	2003	2018	2018	C	CHIP SEAL
JCT I-94 STEELE NORTH 10 MILES																														
THE 1995 AND 1996 SEALS WERE INTERMITTENT. THEY COVERED MP 115-117.5, 107-113 & 103.5-105.																														
1997 DISTRICT CHIP SEAL - WAS ACTUALLY MAINTENANCE SCOTCH SEALING.																														
2000 RIPRAP SITE 1 - RP 115.790 TO RP 115.871																														
2015 DIST 89 RIDE 3.45 PRPI GOOD IRI 86																														
2016 DIST 83 RIDE 3.52 PRPI GOOD IRI 82																														
2017 DIST 83 RIDE 3.22 PRPI GOOD IRI 96																														
2018 DIST 83 RIDE 3.11 PRPI POOR IRI 102																														
2019 DIST 98 RIDE 4.57 PRPI GOOD IRI 35																														
2020 DIST 93 RIDE 4.63 PRPI EXCL IRI 33																														
2021 DIST 95 RIDE 4.47 PRPI GOOD IRI 40																														
2022 DIST 95 RIDE 4.45 PRPI GOOD IRI 41																														
2023 DIST 95 RIDE 4.36 PRPI GOOD IRI 45																														
2024 DIST 95 RIDE 4.35 PRPI GOOD IRI 45																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
96	4.33	95	0.14	47.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
97	4.15	96	0.11	54.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
98	4.35	94	0.11	45.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
99	4.36	94	0.11	45.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
100	4.46	95	0.11	40.00	GOOD	N/A	N/A	0	0	1	3	0	0	0
101	4.41	94	0.10	43.00	GOOD	N/A	N/A	0	0	1	4	0	0	0
102	4.37	96	0.13	45.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
103	4.37	92	0.12	45.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
AVG	4.35	95	0.12	45.50	GOOD	N/A	N/A	1	0	0	3	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7.0	SELECTIVE GRADING		32.0				1958	12				
7.0	EMULSIFIED BASE		28.0		SS-1		1958					
2.0	HOT BIT PAVEMENT		24.0		150-200		1958	165	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	56				
	DISTRICT CHIP SEAL		24.0		MC-3000		1995	4				
	INT MTCE PATCH-2.0"		24.0		120-150		1996	33				
	DISTRICT CHIP SEAL		24.0		MC-3000		1996	13				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	21				
	RIPRAP						2000	28		13948		1
3.0	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	814	20		8	1
	SLURRY SEAL		24.0			SS	2006	239		16457		1
	WIDENING	3.5		3.5			2018	2616		18810		1
12.0	AGGREGATE BASE		2.0			05	2018			18810		1
3.0	HBP-SUPERPAVE-FAA 43		2.0	24.0	2.0	PG 58-28	SP	2018	10	18810		1
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2021	211		22851		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		103.000	0.6700	113.000	0.1000	9.4226	2.0	24.0	2.0	8.0	7.0	39.0	28.0	145	613 2022	119	22	17	2021	FLEX	ASPHT	RCR	2	2003	2018	2018	C CHIP SEAL
10 MI N OF STEELE TO JCT 36 TUTTLE																													
THE 1995 AND 1996 SEALS WERE INTERMITTENT. THEY COVERED MP 115-117.5, 107-113 & 103.5-105.																													
1997 DISTRICT CHIP SEAL - WAS ACTUALLY MAINTENANCE SCOTCH SEALING.																													
2000 RIPRAP SITE 1 - RP 115.790 TO RP 115.871																													
2015 DIST 89 RIDE 3.84 PRPI GOOD IRI 68																													
2016 DIST 87 RIDE 3.78 PRPI GOOD IRI 70																													
2017 DIST 85 RIDE 3.64 PRPI GOOD IRI 77																													
2018 DIST 98 RIDE 4.45 PRPI GOOD IRI 41																													
2019 DIST 97 RIDE 4.64 PRPI EXCL IRI 33																													
2020 DIST 93 RIDE 4.60 PRPI EXCL IRI 34																													
2021 DIST 94 RIDE 4.52 PRPI GOOD IRI 38																													
2022 DIST 94 RIDE 4.40 PRPI GOOD IRI 43																													
2023 DIST 95 RIDE 4.46 PRPI GOOD IRI 40																													
2024 DIST 91 RIDE 4.42 PRPI GOOD IRI 42																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
104	4.36	90	0.12	45.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
105	4.41	88	0.14	43.00	GOOD	N/A	N/A	0	0	7	4	0	0	0	0
106	4.46	95	0.13	41.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
107	4.47	90	0.13	40.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
108	4.53	93	0.14	37.00	GOOD	N/A	N/A	0	0	2	4	0	0	0	0
109	4.55	90	0.12	37.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
110	4.54	92	0.12	37.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
111	4.51	91	0.13	39.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
112	4.41	90	0.13	43.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0
113	4.00	91	0.11	61.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
AVG	4.42	91	0.13	42.30	GOOD	N/A	N/A	2	0	2	4	0	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	SELECTIVE GRADING		32.0				1958	14				
7.0	EMULSIFIED BASE		28.0		SS-1		1958					
2.0	HOT BIT PAVEMENT		24.0		150-200		1958	195	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	66				
	DISTRICT CHIP SEAL		24.0		MC-3000		1995	5				
	INT MTCE PATCH-2.0"		24.0		120-150		1996	39				
	DISTRICT CHIP SEAL		24.0		MC-3000		1996	15				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	24				
	RIPRAP						2000	34		13948	1	
3.0	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	964	20		8	1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	43	2006	179			16631	1
	WIDENING	3.5		3.5			2018	3095			18810	1
12.0	AGGREGATE BASE	2.0		2.0		05	2018				18810	1
3.0	HBP-SUPERPAVE-FAA 43	2.0	24.0	2.0	PG 58-28	SP	2018		10		18810	1
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2021	250			22851	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	3	N		113.000	0.1000	117.000	0.1000	4.0002	2.0	24.0	2.0	7.0	7.0	38.4	28.0	119	878 2022	98	21	13		FLEX	ASPHT	RCR	2	2004	2022	2022	RAP-FAA 43
JCT HWY 36 AT TUTTLE TO 3 MI N																													
THE 1995 AND 1996 SEALS WERE INTERMITTENT. THEY COVERED MP 115-117.5, 107-113 & 103.5-105.																													
1997 DISTRICT CHIP SEAL - WAS ACTUALLY MAINTENANCE SCOTCH SEALING.																													
2000 RIPRAP SITE 1 - RP 115.790 TO RP 115.871																													
2015 DIST 87 RIDE 3.39 PRPI GOOD IRI 89																													
2016 DIST 84 RIDE 3.29 PRPI GOOD IRI 93																													
2017 DIST 83 RIDE 3.10 PRPI GOOD IRI 102																													
2018 DIST 90 RIDE 3.07 PRPI GOOD IRI 104																													
2019 DIST 90 RIDE 3.05 PRPI GOOD IRI 105																													
2020 DIST 89 RIDE 3.02 PRPI GOOD IRI 106																													
2021 DIST 88 RIDE 2.87 PRPI POOR IRI 113																													
2022 DIST 88 RIDE 2.74 PRPI POOR IRI 120																													
2023 DIST 96 RIDE 4.04 PRPI GOOD IRI 59																													
2024 DIST 93 RIDE 4.03 PRPI GOOD IRI 60																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
114	4.19	94	0.10	53.00	GOOD	N/A	N/A	0	0	1	4	0	0	0
115	4.01	92	0.10	61.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
116	4.12	95	0.09	55.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
117	3.78	92	0.08	71.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
AVG	4.03	93	0.09	60.00	GOOD	N/A	N/A	2	0	0	4	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7.0	SELECTIVE GRADING		32.0				1958	6				
7.0	EMULSIFIED BASE		28.0		SS-1		1958					
2.0	HOT BIT PAVEMENT		24.0		150-200		1958	83	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	28				
	DISTRICT CHIP SEAL		24.0		MC-3000		1995	2				
	INT MTCE PATCH-2.0"		24.0		120-150		1996	16				
	DISTRICT CHIP SEAL		24.0		MC-3000		1996	7				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	10				
	RIPRAP						2000	14		13948		1
3.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2004	365	20		57	1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	43	2006	76		16631		1
-1.0	MILLING		24.8				2022			18811		1
11.0	WIDENING		3.2	3.2		05	2022			18811		1
3.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG 58S28	SP	2022	2495	10	18811		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	3	N		117.000	0.1000	132.000	0.0000	14.8988	2.0	24.0	2.0	7.5	7.0	38.4	28.0	109	562 2022	98	21	13		FLEX	ASPHT	RCR	2	2004	2022	2022	RAP-FAA 43				
3 MI N TUTTLE N TO REALIGNMENT																		2015	DIST 86	RIDE 3.43	PRPI	GOOD	IRI 87										
																		2016	DIST 85	RIDE 3.40	PRPI	GOOD	IRI 88										
																		2017	DIST 84	RIDE 3.22	PRPI	GOOD	IRI 97										
																		2018	DIST 90	RIDE 3.15	PRPI	GOOD	IRI 100										
																		2019	DIST 90	RIDE 3.19	PRPI	GOOD	IRI 98										
																		2020	DIST 88	RIDE 3.10	PRPI	GOOD	IRI 102										
																		2021	DIST 87	RIDE 2.95	PRPI	GOOD	IRI 110										
																		2022	DIST 89	RIDE 2.83	PRPI	POOR	IRI 115										
																		2023	DIST 94	RIDE 4.04	PRPI	GOOD	IRI 59										
																		2024	DIST 93	RIDE 4.03	PRPI	GOOD	IRI 59										

1997 DISTRICT CHIP SEAL - WAS ACTUALLY MAINTENANCE SCOTCH SEALING.  
1997 RIPRAP WAS 4 MILES SOUTH JCT 200 0.1 MILES IN LENGTH.  
  
2000 - RIPRAP SITE 2 - RP 119.721 TO RP 120.024,  
SITE 3 - RP 123.062 TO RP 123.265, SITE 4 RP 133.259 TO  
RP 133.416  
1995 - 4" HBP IN SELECT AREAS WAS ACTUALLY FOR GRADE RAISES.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RT BC	RT RW	RT BP	RT RT
118	3.93	95	0.09	64.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
119	4.15	86	0.10	54.00	GOOD	N/A	N/A	3	0	7	3	0	0	0	0
120	4.16	95	0.09	54.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
121	3.85	92	0.09	67.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
122	3.97	92	0.09	63.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
123	3.94	89	0.10	63.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
124	4.12	91	0.10	55.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
125	4.00	92	0.10	61.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
126	4.07	95	0.10	58.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
127	4.17	94	0.10	54.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
128	4.02	94	0.10	60.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
129	4.00	95	0.10	61.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
130	3.99	95	0.11	62.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
131	4.11	94	0.10	56.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
AVG	4.03	93	0.10	59.43	GOOD	N/A	N/A	1	0	1	4	0	0	0	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1956	311				
3.5	AGGREGATE BASE		30.0				1958					
3.5	EMULSIFIED BASE		28.0		SS-1		1958					
2.5	HOT BIT PAVEMENT		24.0		150-200		1958	268	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	104				
	GRADE RAISE						1995					
4.0	HOT BIT PAVEMENT		24.0		120-150		1995	194				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	39				
	RIPRAP						1997	16		11619		1
	RIPRAP						2000	198		13948		1
3.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2004	1268	20		57	1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	43	2006	283		16631		1
-1.0	MILLING		24.8				2022			18811		1
11.0	WIDENING		3.2	3.2		05	2022			18811		1
3.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG 58S28	SP	2022	9293	10	18811		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	3	N		132.000	0.0000	133.000	0.9210	1.9842	6.0	24.0	6.0	6.5	12.0	48.0	36.0	105	440 2022	89	13	13			FLEX	ASPHT	RCR	2	2012	2022	2022	RAP-FAA 43				
REALIGNMENT SECTION																		2015	DIST 88	RIDE 3.05	PRPI	FAIR	IRI 105											
																		2016	DIST 90	RIDE 2.91	PRPI	FAIR	IRI 112											
																		2017	DIST 86	RIDE 2.79	PRPI	FAIR	IRI 118											
																		2018	DIST 92	RIDE 2.68	PRPI	FAIR	IRI 124											
																		2019	DIST 85	RIDE 2.65	PRPI	FAIR	IRI 125											
																		2020	DIST 85	RIDE 2.62	PRPI	POOR	IRI 127											
																		2021	DIST 82	RIDE 2.60	PRPI	POOR	IRI 128											
																		2022	DIST 83	RIDE 2.50	PRPI	POOR	IRI 134											
																		2023	DIST 96	RIDE 4.06	PRPI	GOOD	IRI 58											
																		2024	DIST 95	RIDE 4.01	PRPI	GOOD	IRI 60											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
132	4.22	95	0.11	51.00	GOOD	N/A	N/A	0	0	4	0	0	0
133	3.80	94	0.10	70.00	GOOD	N/A	N/A	0	0	5	0	0	0
AVG	4.01	95	0.11	60.50	GOOD	N/A	N/A	0	0	5	0	0	0

6 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	SALVAGED AGGR BASE		48.0	42.0				2012			19947	1	
4.5	HBP-SUPERPAVE-FAA 42		2.0	24.0	2.0	PG 58-28	SP	2012	2555	20	19947	1	
4.5	SALVAGED AGGR BASE		4.0	4.0				2012			19947	1	
-1.0	MILLING			24.8				2022			18811	1	
3.0	RAP-SUPERPAVE FAA 43		2.0	24.0	2.0	PG 58S28	SP	2022	1235	10	18811	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	3	N		133.000	0.9210	134.277	0.0000	0.3866		24.0		7.5	7.0	32.0	24.0	105	440 2022	89	21	13		FLEX	ASPHT	RCR	2	2004	2022	2022	RAP-FAA 43				
REALIGNMENT SECTION N TO JCT ND 200																		2015	DIST 85	RIDE 3.14	PRPI	GOOD	IRI 101										
																		2016	DIST 79	RIDE 3.07	PRPI	GOOD	IRI 104										
																		2017	DIST 85	RIDE 2.90	PRPI	FAIR	IRI 112										
																		2018	DIST 94	RIDE 4.25	PRPI	GOOD	IRI 50										
																		2019	DIST 93	RIDE 4.00	PRPI	GOOD	IRI 61										
																		2020	DIST 97	RIDE 3.87	PRPI	GOOD	IRI 67										
																		2021	DIST 92	RIDE 3.67	PRPI	GOOD	IRI 76										
																		2022	DIST 94	RIDE 3.69	PRPI	GOOD	IRI 75										
																		2023	DIST 95	RIDE 4.15	PRPI	GOOD	IRI 55										
																		2024	DIST 93	RIDE 3.76	PRPI	GOOD	IRI 72										

1997 DISTRICT CHIP SEAL - WAS ACTUALLY MAINTENANCE SCOTCH SEALING.  
1997 RIPRAP WAS 4 MILES SOUTH JCT 200 0.1 MILES IN LENGTH.  
  
2000 - RIPRAP SITE 2 - RP 119.721 TO RP 120.024,  
SITE 3 - RP 123.062 TO RP 123.265, SITE 4 RP 133.259 TO  
RP 133.416  
1995 - 4" HBP IN SELECT AREAS WAS ACTUALLY FOR GRADE RAISES.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	BP	RT
134	3.76	93	0.13	72.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
AVG	3.76	93	0.13	72.00	GOOD	N/A	N/A	3	0	0	3	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	L SHL WDT (FT)	RDWY WDT (FT)	RS HL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1956	7				
3.5	AGGREGATE BASE		30.0				1958					
3.5	EMULSIFIED BASE		28.0		SS-1		1958					
2.5	HOT BIT PAVEMENT		24.0		150-200		1958	6	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	2				
	GRADE RAISE						1995					
4.0	HOT BIT PAVEMENT		24.0		120-150		1995	5				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	1				
	RIPRAP						1997			11619		1
	RIPRAP						2000	5		13948		1
3.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2004	30	20	57		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	43	2006	7		16631		1
-1.0	MILLING		24.8				2022			18811		1
3.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG 58S28	SP	2022	241	10	18811		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	3	N		134.277	0.0000	136.278	0.0000	2.0000	2.0	24.0	2.0	8.3	7.0	38.7	28.0	160	760 2022	115	35	17		FLEX	ASPHT	RSC	1	1990	2006	2018	HBP-SUPERPAV																																																																														
JCT 200 E TO HURDSFIELD																		2015	DIST	80	RIDE	2.63	PRPI	POOR	IRI	129	2016	DIST	80	RIDE	2.77	PRPI	POOR	IRI	121	2017	DIST	75	RIDE	2.57	PRPI	POOR	IRI	131	2018	DIST	95	RIDE	3.78	PRPI	GOOD	IRI	71	2019	DIST	94	RIDE	3.86	PRPI	GOOD	IRI	67	2020	DIST	89	RIDE	3.72	PRPI	GOOD	IRI	74	2021	DIST	91	RIDE	3.54	PRPI	GOOD	IRI	82	2022	DIST	90	RIDE	3.48	PRPI	GOOD	IRI	84	2023	DIST	91	RIDE	3.51	PRPI	GOOD	IRI	83	2024	DIST	78	RIDE	2.59	PRPI	POOR	IRI	127

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
135	2.59	78	0.30	127.00	POOR	N/A	N/A	3	0	1	3	0	0	14
AVG	2.59	78	0.30	127.00	POOR	N/A	N/A	3	0	1	3	0	0	14

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1949					
5.0	AGGREGATE BASE		29.0				1954					
2.0	STABILIZED BASE		28.0				1954					
2.5	HOT BIT PAVEMENT		24.0		150-200		1954	35	20			
- .8	MILLING		24.0				1990					
2.5	HOT BIT PAVEMENT		24.0		120-150		1990	99	20			
	CONTRACT SAND SEAL		24.0		HFMS-2		1993					
	GRADE RAISE						1995					
4.0	HOT BIT PAVEMENT		27.0		120-150		1995	198				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	56		12912		1
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	137	7	16298		1
	SLURRY SEAL		24.0			SS	2009	67		17414		1
-1.0	MILLING		24.0				2018	485		21509		1
	WIDENING		3.0		3.0		2018			21509		1
11.7	AGGREGATE BASE		2.5		2.5		05	2018		21509		1
3.0	HBP-SUPERPAVE-FAA 43		2.0	24.0	2.0	PG 58-28	SP	2018		10	21509	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	6	N		0.000	0.0000	6.104	0.0000	6.1006	2.0	24.0	2.0	5.0	7.0	38.0	28.0	90	910 2022	57	62	17	2022	FLEX	ASPHT	RSC	2	1963	2003	2021	F CHIP SEAL						
ST LN TO JCT ND 24																		2015 DIST 82		RIDE	3.13	PRPI	FAIR	IRI	101										
																		2016 DIST NA		RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2017 DIST 80		RIDE	2.92	PRPI	FAIR	IRI	111										
																		2018 DIST 94		RIDE	2.79	PRPI	FAIR	IRI	117										
																		2019 DIST 91		RIDE	2.92	PRPI	FAIR	IRI	111										
																		2020 DIST 88		RIDE	2.70	PRPI	POOR	IRI	122										
																		2021 DIST 99		RIDE	4.19	PRPI	GOOD	IRI	52										
																		2022 DIST 99		RIDE	4.10	PRPI	GOOD	IRI	56										
																		2023 DIST 99		RIDE	4.03	PRPI	GOOD	IRI	59										
																		2024 DIST 92		RIDE	3.95	PRPI	GOOD	IRI	63										

SEALED 1964, 1975, 1985 AND 1994. PATCHED PRIOR TO 1985 SEAL. 46 CU YDS PATCHING 1988 & 305 IN

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	NUM BP	NUM RT	
0	4.13	94	0.12	55.00	GOOD	N/A	N/A	0	0	1	4	0	0	0
1	4.20	86	0.11	52.00	GOOD	N/A	N/A	3	0	7	3	0	0	0
2	4.07	92	0.12	58.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
3	3.85	93	0.14	68.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
4	4.00	94	0.12	61.00	GOOD	N/A	N/A	0	0	0	5	0	0	0
5	3.85	95	0.14	68.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
6	3.53	91	0.12	83.00	GOOD	N/A	N/A	3	0	0	5	0	0	0
AVG	3.95	92	0.12	63.57	GOOD	N/A	N/A	1	0	1	4	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1959	221				
3.5	AGGREGATE BASE		36.0				1959					
3.5	EMULSIFIED BASE		34.0		SS-1		1959	46				
1.0	HOT BIT PAVEMENT		34.0		120-150		1963		20			
1.5	HOT BIT PAVEMENT		24.0		120-150		1963	90	20			
	INT MTCE PATCH-1.25"		24.0		120-150		1993					
	CONTRACT CHIP SEAL		24.0		MC-3000		1994					
1.5	HOT BIT PAVEMENT		30.0		PG 58-28	27	2003	291	10	14848		1
	FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2007	123		16903		1
-1.0	MILLING		30.5				2021			22864		1
2.0	RAP-SUPERPAVE FAA 42		28.0		PG58S-34	SP	2021	1188	7	22864		1
	FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2022	352		23448		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	Hwy	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	6	N		6.104	0.0000	11.000	0.5000	5.4124	2.0	24.0	2.0	5.0	7.0	38.0	28.0	95	370 2022	47	62	17	2022	FLEX	ASPHT	RCL	3	1963	2003	2021	F CHIP SEAL																																																																														
JCT ND 24 TO SELFRIDGE																		2015	DIST	82	RIDE	2.97	PRPI	FAIR	IRI	108	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	82	RIDE	2.73	PRPI	FAIR	IRI	121	2018	DIST	94	RIDE	2.65	PRPI	FAIR	IRI	125	2019	DIST	91	RIDE	2.75	PRPI	POOR	IRI	119	2020	DIST	89	RIDE	2.69	PRPI	FAIR	IRI	123	2021	DIST	98	RIDE	3.95	PRPI	GOOD	IRI	63	2022	DIST	97	RIDE	3.85	PRPI	GOOD	IRI	68	2023	DIST	97	RIDE	3.80	PRPI	GOOD	IRI	70	2024	DIST	93	RIDE	3.93	PRPI	GOOD	IRI	64

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT	
7	3.49	90	0.12	84.00	GOOD	N/A	N/A	0	0	4	5	0	0	0
8	3.84	94	0.10	68.00	GOOD	N/A	N/A	0	0	0	5	0	0	0
9	4.07	91	0.11	58.00	GOOD	N/A	N/A	3	0	0	5	0	0	0
10	4.06	93	0.11	59.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
11	4.18	95	0.10	53.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
AVG	3.93	93	0.11	64.40	GOOD	N/A	N/A	1	0	1	5	0	0	0

13 OCCURS	DPH	WIDTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
			GRADE	38.0					1959	196				
			3.5 AGGREGATE BASE	36.0					1959					
			3.5 EMULSIFIED BASE	34.0			SS-1		1959	40				
			1.0 HOT BIT PAVEMENT	34.0			120-150		1963					
			1.5 HOT BIT PAVEMENT	24.0			120-150		1963	79	20			
			INT MTCE PATCH-1.25"	24.0			120-150		1993					
			INT MTCE PATCH-1.25"	24.0			120-150		1994					
			CONTRACT CHIP SEAL	24.0			MC-3000		1994					
			1.5 HOT BIT PAVEMENT	24.0			PG 58-28	27	2003	262	10	14848	1	
			FEDERAL AID CHIP SEAL	24.0			CRS2P	41	2007	109		16903	1	
			-1.0 MILLING	30.5					2021			22864	1	
			2.0 RAP-SUPERPAVE FAA 42	28.0			PG58S-34	SP	2021	1054	7	22864	1	
			FEDERAL AID CHIP SEAL	27.0			CRS2P	41	2022	312		23448	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	6	N		11.000	0.5000	22.000	0.0000	10.4809	2.0	24.0	2.0	7.0	5.0	34.7	28.0	90	342 2022	44	66	12		FLEX	ASPHT	RCL	3	1959	2003	2023	RAP-FAA 42				
SELFRIDGE N TO 5 MI S PORCUPINE CR																		2015	DIST 81	RIDE 2.73	PRPI	FAIR	IRI 120										
																		2016	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A										
																		2017	DIST 81	RIDE 2.50	PRPI	POOR	IRI 132										
																		2018	DIST 92	RIDE 2.05	PRPI	POOR	IRI 157										
																		2019	DIST 90	RIDE 2.36	PRPI	POOR	IRI 140										
																		2020	DIST 86	RIDE 1.97	PRPI	POOR	IRI 162										
																		2021	DIST 85	RIDE 2.16	PRPI	POOR	IRI 151										
																		2022	DIST 81	RIDE 1.70	PRPI	POOR	IRI 179										
																		2023	DIST 83	RIDE 2.20	PRPI	POOR	IRI 149										
																		2024	DIST 99	RIDE 4.29	PRPI	GOOD	IRI 47										

2011 PCN 18022 - INTERSECTION IMPROVEMENTS WITH COUNTY ROAD 5 NEAR SELFRIDGE STATION 1232+25.00 AND 1219+40.00

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& TC	RUT BC	RT BP
12	4.45	98	0.09	41.00	GOOD	N/A	N/A	0	0	0	1	0	0
13	4.35	99	0.07	45.00	GOOD	N/A	N/A	0	0	0	0	0	0
14	4.36	99	0.11	45.00	GOOD	N/A	N/A	0	0	0	0	0	0
15	4.28	99	0.10	48.00	GOOD	N/A	N/A	0	0	0	0	0	0
16	4.28	99	0.10	48.00	GOOD	N/A	N/A	0	0	0	0	0	0
17	4.26	99	0.11	50.00	GOOD	N/A	N/A	0	0	0	0	0	0
18	4.28	99	0.11	49.00	GOOD	N/A	N/A	0	0	0	0	0	0
19	4.18	99	0.12	53.00	GOOD	N/A	N/A	0	0	0	0	0	0
20	4.21	99	0.12	52.00	GOOD	N/A	N/A	0	0	0	0	0	0
21	4.29	99	0.11	48.00	GOOD	N/A	N/A	0	0	0	0	0	0
AVG	4.29	99	0.10	47.90	GOOD	N/A	N/A	0	0	0	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	SELECTIVE GRADING		28.0				1959	9				
3.0	AGGREGATE BASE		27.0				1959					
2.0	BITUMINOUS BASE		26.0		MC-2		1959					
1.5	HOT BIT PAVEMENT		24.0		150-200		1959	192	20			
	INT MTCE PATCH-1.25"		24.0		120-150		1993					
	INT CONT PATCH-1.25"		24.0		120-150		1994					
	INT MTCE PATCH-1.25"		24.0		120-150		1994					
	CONTRACT CHIP SEAL		24.0		MC-3000		1994					
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	504	10	14848	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2007	211		16903	1	
-1.0	MILLING		24.0				2023			22206	1	
	WIDENING		34.7				2023			22206	1	
7.0	AGGREGATE BASE	2.3		2.3		05	2023			22206	1	
3.0	RAP-SUPERPAVE FAA 42	2.0	24.0	2.0	PG58S-34	SP	2023	12722	10	22206	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																															
1	6	N		22.000	0.0000	26.000	0.7970	4.7904	2.0	24.0	2.0	5.0	5.0	36.0	28.0	90	345 2022	42	67	13			FLEX	ASPHT	RCL	3	1958	2003	2022	RAP-FAA 42																																															
5 MI S PORCUPINE CREEK N 4.8 MI																		2015	DIST 81	RIDE 2.25	PRPI	POOR	IRI 146	2016	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A	2017	DIST 81	RIDE 1.94	PRPI	POOR	IRI 165	2018	DIST 92	RIDE 1.94	PRPI	POOR	IRI 165	2019	DIST 90	RIDE 1.80	PRPI	POOR	IRI 174	2020	DIST 85	RIDE 1.73	PRPI	POOR	IRI 177	2021	DIST 85	RIDE 1.60	PRPI	POOR	IRI 187	2022	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A	2023	DIST 98	RIDE 4.27	PRPI	GOOD	IRI 49	2024	DIST 91	RIDE 4.19	PRPI	GOOD	IRI 52

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT	
22	4.21	93	0.12	52.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
23	4.19	93	0.12	53.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
24	4.11	93	0.11	56.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
25	4.11	93	0.11	56.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
26	4.32	85	0.09	47.00	GOOD	N/A	N/A	3	0	4	7	0	0	0
AVG	4.19	91	0.11	52.80	GOOD	N/A	N/A	1	0	1	6	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	SELECTIVE GRADING		30.0				1958	12				
5.0	STABILIZED BASE		26.0				1958					
1.5	HOT BIT PAVEMENT		24.0		120-150		1958	74	20			
	INT MTCE PATCH-1.25"		24.0		120-150		1993					
	INT CONT PATCH-1.25"		24.0		120-150		1994					
	INT MTCE PATCH-1.25"		24.0		120-150		1994					
	CONTRACT CHIP SEAL		24.0		MC-3000		1994					
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	228	10	14848		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2007	96		16903		1
-1.0	MILLING		24.5				2022			22207		1
7.0	WIDENING	6.0		6.0		05	2022			22207		1
3.0	RAP-SUPERPAVE FAA 42	2.0	24.0	2.0	PG58S-34	SP	2022	3817	10	22207		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	6	N		26.000	0.7970	28.000	0.0510	1.2708	5.0	24.0	5.0	6.5	6.0	44.0	34.0	87	317 2022	42	38	13		FLEX	ASPHT	RCL	3	1987	2003	2022	RAP-FAA 42																																																																														
PORCUPINE CREEK N & S																		2015	DIST	82	RIDE	2.96	PRPI	FAIR	IRI	109	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	82	RIDE	2.72	PRPI	POOR	IRI	121	2018	DIST	93	RIDE	2.17	PRPI	POOR	IRI	150	2019	DIST	89	RIDE	2.55	PRPI	POOR	IRI	130	2020	DIST	85	RIDE	1.97	PRPI	POOR	IRI	161	2021	DIST	77	RIDE	2.27	PRPI	POOR	IRI	145	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	98	RIDE	4.41	PRPI	GOOD	IRI	43	2024	DIST	93	RIDE	4.27	PRPI	GOOD	IRI	49

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
27	4.27	93	0.10	49.00	GOOD	N/A	N/A	0	0	6	0	0	0	0
AVG	4.27	93	0.10	49.00	GOOD	N/A	N/A	0	0	6	0	0	0	0

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		44.0				1987					
	6.0	AGGREGATE BASE		40.0				1987					
	3.0	HOT BIT PAVEMENT		38.0		120-150		1987		20			
		CONTRACT CHIP SEAL		38.0		MC-3000		1994					
	1.5	HOT BIT PAVEMENT		30.0		PG 58-28	27	2003	48	10	14848		1
		FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2007	26		16903		1
	-1.0	MILLING		30.7				2022			22207		1
	3.0	RAP-SUPERPAVE	FAA 42	5.0	24.0	5.0	PG58S-34	SP	2022	1013	10	22207	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	6	N		28.000	0.0510	35.000	0.0000	6.9027	2.0	24.0	2.0	6.0	5.0	36.0	28.0	83	292 2022	42	67	13		FLEX	ASPHT	RCL	3	1958	2003	2022	RAP-FAA 42																																																
N OF PORCUPINE CREEK N TO JCT 24																		2015	DIST 82	RIDE 2.44	PRPI	POOR	IRI 136	2016	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A	2017	DIST 81	RIDE 2.09	PRPI	POOR	IRI 155	2018	DIST 91	RIDE 1.76	PRPI	POOR	IRI 176	2019	DIST 87	RIDE 1.95	PRPI	POOR	IRI 164	2020	DIST 87	RIDE 1.62	PRPI	POOR	IRI 185	2021	DIST 84	RIDE 1.76	PRPI	POOR	IRI 176	2022	DIST NA	RIDE N/A	PRPI	N/A	IRI N/A	2023	DIST 98	RIDE 4.25	PRPI	GOOD	IRI 50	2024	DIST 91	RIDE 4.10	PRPI	GOOD	IRI 56

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
28	3.94	93	0.13	64.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0
29	4.09	93	0.11	57.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0
30	4.17	88	0.12	54.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
31	4.07	89	0.13	58.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
32	4.04	89	0.13	59.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
33	4.15	90	0.14	55.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0
34	4.25	93	0.13	50.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0
AVG	4.10	91	0.13	56.71	GOOD	N/A	N/A	2	0	0	6	0	0	0	0

12 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		SELECTIVE GRADING		30.0				1958	18				
	5.0	STABILIZED BASE		20.0				1958					
	1.5	HOT BIT PAVEMENT		24.0		120-150		1958	107	20			
		INT MTCE PATCH-1.25"		24.0		120-150		1993					
		INT CONT PATCH-1.25"		24.0		120-150		1994					
		INT MTCE PATCH-1.25"		24.0		120-150		1994					
		CONTRACT CHIP SEAL		24.0		MC-3000		1994					
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	334	10	14848	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2007	139		16903	1	
	-1.0	MILLING		24.5				2022			22207	1	
	7.0	WIDENING	6.0		6.0		05	2022			22207	1	
	3.0	RAP-SUPERPAVE FAA 42	2.0	24.0	2.0	PG58S-34	SP	2022	5500	10	22207	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
1	6	N		35.000	0.0000	42.149	0.0000	7.1370	2.0	24.0	2.0	6.0	7.0	36.0	28.0	90	465 2022	46	69	13		FLEX	ASPHT	RCL	3	1956	2003	2022	RAP-FAA 42																																																										
N JCT 24 N TO JCT ND 21																		2015	DIST 83	RIDE	2.83	PRPI	FAIR	IRI 115	2016	DIST 84	RIDE	2.81	PRPI	FAIR	IRI 116	2017	DIST 81	RIDE	2.40	PRPI	POOR	IRI 138	2018	DIST 91	RIDE	2.49	PRPI	POOR	IRI 134	2019	DIST 89	RIDE	2.47	PRPI	POOR	IRI 135	2020	DIST 88	RIDE	2.47	PRPI	POOR	IRI 135	2021	DIST 88	RIDE	2.20	PRPI	POOR	IRI 150	2022	DIST 94	RIDE	3.83	PRPI	GOOD	IRI 68	2023	DIST 97	RIDE	4.27	PRPI	GOOD	IRI 49	2024	DIST 89	RIDE	4.17	PRPI	GOOD	IRI 53

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
35	4.33	90	0.12	46.00	GOOD	N/A	N/A	3	0	0	6	0	0	0
36	4.33	90	0.12	47.00	GOOD	N/A	N/A	3	0	0	6	0	0	0
37	4.29	89	0.12	48.00	GOOD	N/A	N/A	3	0	0	7	0	0	0
38	4.27	81	0.13	49.00	GOOD	N/A	N/A	3	0	7	8	0	0	0
39	4.16	92	0.11	54.00	GOOD	N/A	N/A	0	0	0	7	0	0	0
40	4.10	93	0.12	56.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
41	4.15	86	0.13	55.00	GOOD	N/A	N/A	0	0	7	6	0	0	0
42	3.74	92	0.14	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	4.17	89	0.12	53.50	GOOD	N/A	N/A	2	0	2	6	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		28.0				1956	111				
5.0	AGGREGATE BASE		27.0				1956					
2.0	STABILIZED BASE		26.0				1956					
2.5	HOT BIT PAVEMENT		24.0		150-200		1956	141	20			
	INT CONT PATCH-1.5"		24.0		120-150		1993	56				
	CONTRACT CHIP SEAL		24.0		MC-3000		1994					
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2003	344	10	14848		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2007	143		16903		1
-1.0	MILLING		24.4				2022			22207		1
7.0	WIDENING	6.0		6.0		05	2022			22207		1
3.0	RAP-SUPERPAVE FAA 42	2.0	24.0	2.0	PG58S-34	SP	2022	5687	10	22207		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	6	N		42.149	0.0000	52.000	0.6050	10.3982	9.0	24.0	9.0	5.5	12.0	56.0	42.0	250	1480 2022	150	30	20	2021	FLEX	ASPHT	RCR	2	1995	2018	2018	C CHIP SEAL
JCT INN N TO ST ANTHONY																		2015	DIST	74	RIDE	3.71	PRPI	GOOD	IRI	74			
																		2016	DIST	76	RIDE	3.58	PRPI	GOOD	IRI	80			
																		2017	DIST	73	RIDE	3.43	PRPI	GOOD	IRI	87			
																		2018	DIST	99	RIDE	4.46	PRPI	GOOD	IRI	40			
																		2019	DIST	98	RIDE	4.53	PRPI	GOOD	IRI	37			
																		2020	DIST	97	RIDE	4.48	PRPI	GOOD	IRI	40			
																		2021	DIST	96	RIDE	4.26	PRPI	GOOD	IRI	49			
																		2022	DIST	96	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2023	DIST	89	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2024	DIST	89	RIDE	4.10	PRPI	GOOD	IRI	56			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT	
43	4.04	96	0.17	59.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
44	4.01	86	0.19	60.00	GOOD	N/A	N/A	3	0	2	2	0	0	6
45	4.01	91	0.14	61.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
46	4.10	90	0.19	57.00	GOOD	N/A	N/A	0	0	1	2	0	0	6
47	4.19	83	0.20	52.00	GOOD	N/A	N/A	3	0	5	2	0	0	6
48	4.25	90	0.21	50.00	GOOD	N/A	N/A	0	0	1	2	0	0	6
49	4.16	87	0.18	54.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
50	4.03	87	0.22	60.00	GOOD	N/A	N/A	3	0	0	1	0	0	6
51	4.18	86	0.20	53.00	GOOD	N/A	N/A	3	0	1	1	0	0	6
52	4.02	89	0.26	60.00	GOOD	N/A	N/A	0	0	0	2	0	0	6
AVG	4.10	89	0.20	56.60	GOOD	N/A	N/A	2	0	1	2	0	0	5

11 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	AGGREGATE BASE		56.0				1994	2914				
	4.5	HOT BIT PAVEMENT		44.0		120-150	29	1994	500				
	4.0	AGGREGATE BASE	4.5	27.0	4.5			1995	1048	20			
		CONTRACT CHIP SEAL		27.0		MC-3000P	43	1997	129		1362	1	
		INT CONT PATCH-1.25"		27.0		PG 58-28	27	2005			16169	1	
		INT CONT PATCH-1.25"		27.0		PG 58-28	29	2011			19240	1	
	-1.0	MILLING		28.0				2018	1211		17415	1	
	2.0	HBP-SUPERPAVE-FAA 45		27.0		PG 58-34	SP	2018		7	17415	1	
	5.5	AGGREGATE BASE	7.5	27.0	7.5			05	2018		17415	1	
		CONTRACT CHIP SEAL		27.0		CRS2P	41	2021	340		22852	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	6	N		52.000	0.6050	63.000	0.1340	10.5243	6.0	24.0	6.0	5.5	12.0	56.0	36.0	279	2049 2022	168	30	20	2021	FLEX	ASPHT	RCR	2	1995	2018	2018	C CHIP SEAL							
NEAR ST ANTHONY N TO S OF HEART RIV																																				
																			2015	DIST	82	RIDE	3.77	PRPI	GOOD	IRI	71									
																			2016	DIST	84	RIDE	3.52	PRPI	GOOD	IRI	82									
																			2017	DIST	80	RIDE	3.54	PRPI	GOOD	IRI	82									
																			2018	DIST	99	RIDE	4.36	PRPI	GOOD	IRI	44									
																			2019	DIST	97	RIDE	4.48	PRPI	GOOD	IRI	40									
																			2020	DIST	95	RIDE	4.36	PRPI	GOOD	IRI	44									
																			2021	DIST	95	RIDE	4.23	PRPI	GOOD	IRI	51									
																			2022	DIST	93	RIDE	4.18	PRPI	GOOD	IRI	53									
																			2023	DIST	91	RIDE	4.17	PRPI	GOOD	IRI	53									
																			2024	DIST	86	RIDE	3.94	PRPI	GOOD	IRI	64									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT													
						FLT	FLT AC	BLD	LC	TC	BC	RW	BP	RT							
53	3.98	83	0.22	62.00	GOOD	N/A	N/A	3	0	5	2	0	0	6							
54	4.15	87	0.23	55.00	GOOD	N/A	N/A	3	0	1	2	0	0	6							
55	3.80	81	0.26	70.00	GOOD	N/A	N/A	3	0	6	3	0	0	6							
56	3.87	87	0.29	67.00	GOOD	N/A	N/A	3	0	1	2	0	0	6							
57	3.85	83	0.18	68.00	GOOD	N/A	N/A	6	0	7	3	0	0	0							
58	3.84	89	0.15	68.00	GOOD	N/A	N/A	6	0	1	3	0	0	0							
59	3.91	86	0.13	65.00	GOOD	N/A	N/A	6	0	4	3	0	0	0							
60	3.88	87	0.12	67.00	GOOD	N/A	N/A	6	0	1	5	0	0	0							
61	3.90	88	0.13	66.00	GOOD	N/A	N/A	6	0	1	2	0	0	2							
62	3.96	88	0.13	63.00	GOOD	N/A	N/A	6	0	2	3	0	0	0							
63	4.16	90	0.17	54.00	GOOD	N/A	N/A	3	0	4	2	0	0	0							
AVG	3.94	86	0.18	64.09	GOOD	N/A	N/A	5	0	3	3	0	0	2							

9 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN					
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H			
12.0	AGGREGATE BASE		56.0				1994	2942							
4.5	HOT BIT PAVEMENT		44.0				1994	505							
	CONTRACT CHIP SEAL	8.0	36.0		120-150	29	1995	1058	20						
	INT CONT PATCH-1.25"		24.0	8.0	MC-3000P	43	1997	130			1362	1			
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2005				16169	1			
	INT CONT PATCH-1.25"		24.0		PG 58-28	29	2011				19240	1			
-1.0	MILLING		32.0				2018	1225			17415	1			
2.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-34	SP	2018		7		17415	1			
	CONTRACT CHIP SEAL		36.0		CRS2P	41	2021	343			22852	1			

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	6	N		63.000	0.1340	66.000	0.8840	3.7524	8.0	24.0	8.0	7.5	12.0	60.0	40.0	298	3283 2022	183	30	20	2021	FLEX	ASPHT	RCR	2	1995	2012	2018	C CHIP SEAL				
S HEART RIV N TO HEART RIV-MANDAN																		2015	DIST	83	RIDE	3.55	PRPI	GOOD	IRI	81							
																		2016	DIST	88	RIDE	3.49	PRPI	GOOD	IRI	84							
																		2017	DIST	85	RIDE	3.35	PRPI	GOOD	IRI	91							
																		2018	DIST	98	RIDE	3.93	PRPI	GOOD	IRI	64							
																		2019	DIST	96	RIDE	4.00	PRPI	GOOD	IRI	61							
																		2020	DIST	95	RIDE	3.98	PRPI	GOOD	IRI	62							
																		2021	DIST	95	RIDE	3.81	PRPI	GOOD	IRI	70							
																		2022	DIST	95	RIDE	3.86	PRPI	GOOD	IRI	67							
																		2023	DIST	92	RIDE	3.77	PRPI	GOOD	IRI	72							
																		2024	DIST	93	RIDE	3.65	PRPI	GOOD	IRI	77							

2005 PCN 15899 - BRIDGE APPROACH SLAB REPAIR NORTH AND SOUTH END OF BRIDGE.  
2017 PCN 21039 - CONSTRUCT NB RT & SB LT TURN LANES AT RP 66.021

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
64	3.93	96	0.13	64.00	GOOD	N/A	N/A	0	0	1	2	0	0
65	4.10	93	0.13	57.00	GOOD	N/A	N/A	3	0	1	2	0	0
66	2.93	91	0.15	111.00	POOR	N/A	N/A	0	0	2	0	0	6
AVG	3.65	93	0.14	77.33	GOOD	N/A	N/A	1	0	1	2	0	2

10 OCCURS	LSHL DPTH (IN)	RDWY (FT)	RSHL (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE	12.0		60.0			1994	999				
AGGREGATE BASE	4.5		48.0			1994	170				
HOT BIT PAVEMENT	4.5		40.0	120-150	29	1995	358	20			
CONTRACT CHIP SEAL		8.0	24.0	8.0 MC-3000P	43	1997	44		1362	1	
INT CONT PATCH-1.25"			24.0	PG 58-28	27	2005			16169	1	
INT CONT PATCH-1.25"			24.0	PG 58-28	29	2011			19240	1	
INT CONT PATCH-2.0"		7.0	24.0	7.0 PG 58-28	SP	2012	394	10	19926	1	
MILLING			32.0			2018	415		17415	1	
HBP-SUPERPAVE-FAA 45		8.0	24.0	8.0 PG 58-34	SP	2018		7	17415	1	
CONTRACT CHIP SEAL			40.0	CRS2P	41	2021	118		22852	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	6	N		66.000	0.8840	67.413	0.0000	0.5480	8.5	24.0	8.5	8.0	12.0	47.0	41.0	265	6155 2022	278	34	21		CONCR	JOINT	UCR	2	1991	2017	2017	CPR_ONLY				
MDN-HEART RIVER N TO MAIN																		2015	DIST	78	RIDE	1.38	PRPI	POOR	IRI	201							
																		2016	DIST	94	RIDE	1.23	PRPI	POOR	IRI	212							
																		2017	DIST	85	RIDE	1.16	PRPI	POOR	IRI	219							
																		2018	DIST	83	RIDE	0.98	PRPI	POOR	IRI	237							
																		2019	DIST	89	RIDE	1.37	PRPI	POOR	IRI	201							
																		2020	DIST	89	RIDE	1.32	PRPI	POOR	IRI	206							
																		2021	DIST	90	RIDE	1.35	PRPI	POOR	IRI	203							
																		2022	DIST	90	RIDE	1.10	PRPI	POOR	IRI	224							
																		2023	DIST	93	RIDE	1.58	PRPI	POOR	IRI	187							
																		2024	DIST	89	RIDE	1.20	PRPI	POOR	IRI	215							

2005 PCN 15899 - BRIDGE APPROACH SLAB REPAIR NORTH AND SOUTH END OF BRIDGE.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
67	1.20	89	N/A	215.00	POOR	0.11	100	0	0	0	1	1	7	0	0	1
AVG	1.20	89	N/A	215.00	POOR	0.11	100	0	0	0	1	1	7	0	0	1

4 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	AGGREGATE BASE		47.0				1991					
		HOT BIT PAVEMENT		44.0				1991					
	8.0	NON-REINF PCC		41.0				1991		30			
		CONCRETE PAVEMENT REPAIR		41.0				2017	312	7	17917	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	11	E		0.000	0.0000	3.000	0.0000	3.0028	1.0	24.0	1.0	3.7	5.0	32.0	26.0	80	350 2022	59	67	30	2020	FLEX	ASPHT	RCL	3	1958	1988	2008	F CHIP SEAL																																																																														
JCT US 83 E TO HAGUE																		2015	DIST	91	RIDE	3.93	PRPI	GOOD	IRI	64	2016	DIST	98	RIDE	3.86	PRPI	GOOD	IRI	67	2017	DIST	86	RIDE	3.65	PRPI	GOOD	IRI	77	2018	DIST	94	RIDE	3.67	PRPI	GOOD	IRI	76	2019	DIST	92	RIDE	3.60	PRPI	GOOD	IRI	79	2020	DIST	94	RIDE	3.66	PRPI	GOOD	IRI	76	2021	DIST	94	RIDE	3.04	PRPI	FAIR	IRI	106	2022	DIST	92	RIDE	3.26	PRPI	FAIR	IRI	95	2023	DIST	89	RIDE	2.69	PRPI	POOR	IRI	123	2024	DIST	91	RIDE	2.82	PRPI	FAIR	IRI	116
2020-PCN 22868 RP 0.019 TO 0.085 GRADE RAISE INTERSECTION OF US 83																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
0	2.65	91	0.10	125.00	POOR	N/A	N/A	3	0	1	4	0	0
1	2.69	89	0.08	122.00	FAIR	N/A	N/A	3	0	1	4	0	2
2	3.13	92	0.08	101.00	FAIR	N/A	N/A	3	0	1	3	0	0
AVG 2.82 91 0.09 116.00 FAIR N/A N/A 3 0 1 4 0 0 1 0													

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	MAINTENANCE RESHAPING		32.0				1957	11				
5.0	EMULSIFIED BASE		28.0		SS-1		1958					
	ARMOR COAT TREATMENT		26.0		SS-1		1958		20			
2.5	HOT BIT PAVEMENT		24.0		120-150		1988	179	10			
	DISTRICT CHIP SEAL		24.0		MC-3000		1994	27				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	32				
2.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2008	351	7	16341		1
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2013	99		18047		1
-.7	MICROMILL		25.5				2020			22711		1
	FEDERAL AID CHIP SEAL		25.5		CRS2P	41	2020	135		22711		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	11	E		3.000	0.0000	3.000	0.3000	0.3000	29.0	24.0	29.0	3.7	9.0	82.0	82.0	80	372 2022	59	67	30	2020	FLEX	ASPHT	RCL	3	1958	1988	2008	F CHIP SEAL																																																																														
URBAN SECTION HAGUE																		2015	DIST	88	RIDE	3.92	PRPI	GOOD	IRI	65	2016	DIST	91	RIDE	3.79	PRPI	GOOD	IRI	71	2017	DIST	88	RIDE	3.83	PRPI	GOOD	IRI	69	2018	DIST	94	RIDE	3.53	PRPI	GOOD	IRI	82	2019	DIST	93	RIDE	3.71	PRPI	GOOD	IRI	74	2020	DIST	93	RIDE	3.55	PRPI	GOOD	IRI	82	2021	DIST	93	RIDE	3.54	PRPI	GOOD	IRI	82	2022	DIST	92	RIDE	3.34	PRPI	GOOD	IRI	91	2023	DIST	93	RIDE	3.21	PRPI	GOOD	IRI	97	2024	DIST	91	RIDE	2.70	PRPI	POOR	IRI	122

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
3	2.70	91	0.08	122.00	POOR	N/A	N/A	3	0	1	4	0	0
AVG	2.70	91	0.08	122.00	POOR	N/A	N/A	3	0	1	4	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE	80.0					1948	9				
9.0	EMULSIFIED BASE	80.0			SS-1		1958					
	ARMOR COAT TREATMENT	26.0			SS-1		1958	21	20			
2.5	HOT BIT PAVEMENT	24.0			120-150		1988	18	10			
	DISTRICT CHIP SEAL	24.0			MC-3000		1994	3				
	DISTRICT CHIP SEAL	24.0			MC-3000	43	2004	1				
2.0	HOT BIT PAVEMENT	82.0			PG 58-28	27	2008	35	7	16341	1	
	FEDERAL AID CHIP SEAL	82.0			CRS2P	41	2013	9		18047	1	
-.7	MICROMILL	31.0					2020			22711	1	
	FEDERAL AID CHIP SEAL	84.0			CRS2P	41	2020	14		22711	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	11	E		3.000	0.3000	9.000	0.0500	5.7230	1.0	24.0	1.0	3.7	5.0	32.0	26.0	80	342 2022	59	67	30	2020	FLEX	ASPHT	RCL	3	1958	1988	2008	F CHIP SEAL
HAGUE E TO CO LN																		2015	DIST	93	RIDE	3.82	PRPI	GOOD	IRI	68			
																		2016	DIST	95	RIDE	3.85	PRPI	GOOD	IRI	67			
																		2017	DIST	86	RIDE	3.62	PRPI	GOOD	IRI	78			
																		2018	DIST	92	RIDE	3.70	PRPI	GOOD	IRI	74			
																		2019	DIST	92	RIDE	3.58	PRPI	GOOD	IRI	79			
																		2020	DIST	93	RIDE	3.40	PRPI	GOOD	IRI	88			
																		2021	DIST	93	RIDE	3.52	PRPI	GOOD	IRI	83			
																		2022	DIST	91	RIDE	3.45	PRPI	GOOD	IRI	86			
																		2023	DIST	94	RIDE	3.13	PRPI	GOOD	IRI	101			
																		2024	DIST	88	RIDE	3.02	PRPI	FAIR	IRI	106			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	BC	RW	BP	RUT RT
4	3.35	91	0.08	91.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
5	3.10	92	0.10	102.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
6	2.72	85	0.07	121.00	POOR	N/A	N/A	6	0	2	6	0	0	2
7	3.08	89	0.07	104.00	FAIR	N/A	N/A	3	0	1	6	0	0	0
8	2.86	86	0.12	114.00	FAIR	N/A	N/A	6	0	1	6	0	0	0
AVG	3.02	88	0.09	106.40	FAIR	N/A	N/A	4	0	1	5	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	MAINTENANCE RESHAPING		32.0				1957	11				
5.0	EMULSIFIED BASE		28.0		SS-1		1958					
	ARMOR COAT TREATMENT		26.0		SS-1		1958	56	20			
2.5	HOT BIT PAVEMENT		24.0		120-150		1988	345	10			
	DISTRICT CHIP SEAL		24.0		MC-3000		1994	52				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	61				
2.0	HOT BIT PAVEMENT	1.0	24.0	1.0	PG 58-28	27	2008	668	7	16341	1	
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2013	189		18047	1	
- .7	MICROMILL		25.5				2020			22711	1	
	FEDERAL AID CHIP SEAL		25.5		CRS2P	41	2020	257		22711	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	13	E		186.082	0.0000	198.984	0.0000	12.7861	7.0	24.0	7.0	4.0	6.0	44.0	38.0	38	320 2022	27	45	22	2018	FLEX	ASPHT	RCL	3	1980	2016	2016	F CHIP SEAL					
JCT 1804 E TO LINTON																			2015	DIST 84	RIDE 2.93	PRPI	FAIR	IRI 110										
																			2016	DIST 93	RIDE 4.16	PRPI	GOOD	IRI 53										
																			2017	DIST 86	RIDE 4.06	PRPI	GOOD	IRI 58										
																			2018	DIST 94	RIDE 3.96	PRPI	GOOD	IRI 62										
																			2019	DIST 94	RIDE 3.97	PRPI	GOOD	IRI 62										
																			2020	DIST 96	RIDE 4.08	PRPI	GOOD	IRI 57										
																			2021	DIST 93	RIDE 3.95	PRPI	GOOD	IRI 63										
																			2022	DIST 95	RIDE 4.05	PRPI	GOOD	IRI 58										
																			2023	DIST 88	RIDE 3.88	PRPI	GOOD	IRI 66										
																			2024	DIST 93	RIDE 3.88	PRPI	GOOD	IRI 66										

TRANSVERSE CRACKS BULGING UPWARD IN SOME AREAS. STARTING TO REQUIRE PATCHING-140 CU YDS IN 1987, 408 IN 1988 AND 1,300 CU YDS HOT MIX IN 1990.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
186	3.44	96	0.14	86.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
187	3.79	92	0.11	70.00	GOOD	N/A	N/A	0	0	4	3	0	0	0	0
188	3.99	91	0.12	62.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
189	4.17	93	0.15	54.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0
190	3.97	92	0.15	63.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
191	4.06	93	0.12	58.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
192	3.97	94	0.17	63.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0
193	3.90	92	0.17	66.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
194	4.00	91	0.15	61.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
195	3.88	94	0.17	66.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0
196	3.90	92	0.15	66.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
197	3.78	93	0.16	71.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
198	3.57	91	0.14	81.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
AVG	3.88	93	0.15	66.69	GOOD	N/A	N/A	3	0	1	3	0	0	0	0

10 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	6.0	AGGREGATE BASE		44.0				1978	1560				
	2.0	AGGREGATE BASE	5.5	38.0	5.5			1980					
	2.0	HOT BIT PAVEMENT		27.0		150-200		1980	1072	20			
		DISTRICT CHIP SEAL		24.0		MC-3000		1994	184				
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	108		13017	1	
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2001	95				
	2.0	AGGREGATE BASE	1.5		1.5			04	2016		17603	1	
	2.0	HBP-SUPERPAVE-FAA 43		27.0		PG 58-28	SP	2016	1812	7	17603	1	
		FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2018	360		21800	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	13	E		200.000	0.0000	222.622	0.0000	22.6131	3.0	24.0	3.0	5.0	7.0	38.0	30.0	87	468 2022	63	24	19		FLEX	ASPHT	RSC	2	2001	2019	2019	MICROSURFACI
LINTON E TO N JCT 3																		2015	DIST 89	RIDE 3.67	PRPI	GOOD	IRI	75					
																		2016	DIST 90	RIDE 3.59	PRPI	GOOD	IRI	79					
																		2017	DIST 86	RIDE 3.55	PRPI	GOOD	IRI	81					
																		2018	DIST 93	RIDE 3.44	PRPI	GOOD	IRI	86					
																		2019	DIST 99	RIDE 3.66	PRPI	GOOD	IRI	76					
																		2020	DIST 93	RIDE 3.57	PRPI	GOOD	IRI	80					
																		2021	DIST 92	RIDE 3.59	PRPI	GOOD	IRI	79					
																		2022	DIST 91	RIDE 3.41	PRPI	GOOD	IRI	87					
																		2023	DIST 89	RIDE 3.39	PRPI	GOOD	IRI	88					
																		2024	DIST 87	RIDE 3.15	PRPI	GOOD	IRI	100					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
200	2.74	90	0.09	120.00	POOR	N/A	N/A	3	0	3	3	0	0	0	0
201	3.24	92	0.07	96.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
202	3.14	90	0.10	100.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0
203	3.02	85	0.13	106.00	GOOD	N/A	N/A	6	0	3	5	0	0	0	0
204	3.17	86	0.14	99.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0
205	3.10	85	0.16	103.00	GOOD	N/A	N/A	6	0	4	4	0	0	0	0
206	2.78	90	0.11	118.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0
207	3.17	86	0.11	99.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0
208	3.08	87	0.11	104.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
209	3.29	87	0.10	94.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
210	3.06	90	0.08	104.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0
211	3.40	83	0.08	89.00	GOOD	N/A	N/A	9	0	3	4	0	0	0	0
212	3.32	89	0.07	92.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
213	3.19	86	0.09	98.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0
214	3.15	89	0.06	100.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
215	3.10	81	0.08	103.00	GOOD	N/A	N/A	9	0	3	6	0	0	0	0
216	2.84	88	0.12	115.00	POOR	N/A	N/A	6	0	2	3	0	0	0	0
217	3.13	91	0.07	101.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
218	3.35	87	0.09	90.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
219	3.18	86	0.08	99.00	FAIR	N/A	N/A	6	0	3	4	0	0	0	0
220	3.33	86	0.05	92.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0
221	3.49	84	0.07	84.00	GOOD	N/A	N/A	9	0	2	4	0	0	0	0
222	3.28	89	0.07	94.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
AVG	3.15	87	0.09	100.00	GOOD	N/A	N/A	5	0	3	4	0	0	0	0

13 OCCURS	RDWY	RSHL	CLS	COST	DSN	PCN	SUB	H
(IN)	WDTH (FT)	WDTH (FT)	OIL/CON TYPE	THOUS	LFE			
GRADE		38.0		1960	801			
3.5 AGGREGATE BASE		36.0		1961				
3.5 EMULSIFIED BASE		34.0	SS-1	1961	434	20		
2.0 HOT BIT PAVEMENT		24.0	200-300	1975	530	20		
RECLAMITE			RCLMITE	1978	11			
CONTRACT CHIP SEAL		24.0	HFMS-2	1990	166			
INT CONT PATCH-1.0"		24.0	120-150	1995	232			
DISTRICT CHIP SEAL		24.0	MC-3000	1995	3			
3.5 HOT BIT PAVEMENT	4.0		PG 58-28	27	2001	2438	20	13242
3.0 HOT BIT PAVEMENT		30.0	PG 58-28	27	2001		20	13242
FEDERAL AID CHIP SEAL		30.0	MC-3000P	43	2004	335		15674
-.7 MICROMILL		30.0			2019			22390
MICROSURFACING		30.0	AE	MC	2019	1268	7	22390

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
1	14	N		0.000	0.0000	13.000	0.0000	13.0022	4.0	24.0	4.0	4.0	13.0	42.2	32.0	133	621 2022	85	1	1		FLEX	ASPHT	RCR	2	2024	2024	2024	HBP-SUPERPAV																																																										
STERLING TO 13 MILES FROM WING																		2015	DIST 92	RIDE 4.11	PRPI	GOOD	IRI	56	2016	DIST 93	RIDE 3.93	PRPI	GOOD	IRI	64	2017	DIST 88	RIDE 3.94	PRPI	GOOD	IRI	63	2018	DIST 93	RIDE 3.65	PRPI	GOOD	IRI	76	2019	DIST 92	RIDE 3.90	PRPI	GOOD	IRI	65	2020	DIST 91	RIDE 3.57	PRPI	GOOD	IRI	80	2021	DIST 91	RIDE 3.66	PRPI	GOOD	IRI	76	2022	DIST 89	RIDE 3.35	PRPI	GOOD	IRI	90	2023	DIST 89	RIDE 3.48	PRPI	GOOD	IRI	84	2024	DIST 79	RIDE 3.17	PRPI	GOOD	IRI	99

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	TC	BC	RW	BP	RT
0	2.91	78	0.19	112.00	POOR	N/A	N/A	3	0	3	7	0	2	6
1	3.12	72	0.18	101.00	GOOD	N/A	N/A	9	0	3	7	0	2	6
2	3.20	72	0.19	98.00	GOOD	N/A	N/A	6	0	6	7	0	2	6
3	3.50	80	0.14	83.00	GOOD	N/A	N/A	3	0	7	7	0	2	0
4	3.63	82	0.15	78.00	GOOD	N/A	N/A	3	0	6	6	0	2	0
5	3.27	79	0.12	94.00	GOOD	N/A	N/A	6	0	5	7	0	2	0
6	3.41	79	0.12	88.00	GOOD	N/A	N/A	6	0	7	7	0	0	0
7	3.20	81	0.15	97.00	GOOD	N/A	N/A	6	0	6	6	0	0	0
8	2.81	81	0.16	117.00	POOR	N/A	N/A	6	0	4	6	0	2	0
9	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	2.67	89	0.11	123.00	POOR	N/A	N/A	3	0	2	5	0	0	0
AVG	3.17	79	0.15	99.10	GOOD	N/A	N/A	5	0	5	7	0	1	2

6 OCCURS	LSHL WIDTH	RDWY WIDTH	RSHL WIDTH	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	(FT)	(FT)	(FT)							
3.0 EXISTING BASE	38.0					1961	273			
FULL DEPTH RECLAMATION	42.2					2024		23273	1	
10.0 CEMENT TREATED BASE	30.2					2024		23273	1	
2.0 HBP-SUPERPAVE-FAA 43	7.3	24.0	7.3			2024		23273	1	
2.0 HBP-SUPERPAVE-FAA 43	4.7	24.0	4.7	PG58H-34	SP	2024		23273	1	
2.0 HBP-SUPERPAVE-FAA 43	4.0	24.0	4.0	PG58H-34	SP	2024	12374	20	23273	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	14	N		13.000	0.0000	21.289	0.0000	8.2707	4.0	24.0	4.0	4.0	13.0	42.2	32.0	130	529 2022	82	1	1		FLEX	ASPHT	RCR	2	2024	2024	2024	HBP-SUPERPAV				
13 MILES FROM WING TO WING																		2015	DIST	91	RIDE	3.81	PRPI	GOOD	IRI	69							
																		2016	DIST	92	RIDE	3.51	PRPI	GOOD	IRI	83							
																		2017	DIST	87	RIDE	3.57	PRPI	GOOD	IRI	80							
																		2018	DIST	93	RIDE	3.27	PRPI	GOOD	IRI	94							
																		2019	DIST	91	RIDE	3.61	PRPI	GOOD	IRI	78							
																		2020	DIST	89	RIDE	3.15	PRPI	GOOD	IRI	100							
																		2021	DIST	90	RIDE	3.38	PRPI	GOOD	IRI	89							
																		2022	DIST	87	RIDE	2.93	PRPI	POOR	IRI	111							
																		2023	DIST	88	RIDE	3.21	PRPI	GOOD	IRI	97							
																		2024	DIST	81	RIDE	2.62	PRPI	POOR	IRI	127							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT															
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT												
13	2.70	75	0.16	122.00	POOR	N/A	N/A	9	0	2	5	0	0	2	6						
14	2.81	78	0.19	117.00	POOR	N/A	N/A	3	0	6	4	0	0	2	6						
15	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
16	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
17	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
18	2.12	82	0.20	153.00	POOR	N/A	N/A	3	0	1	5	0	0	2	6						
19	2.16	84	0.16	151.00	POOR	N/A	N/A	6	0	1	6	0	0	2	0						
20	2.84	78	0.21	115.00	POOR	N/A	N/A	6	0	1	6	0	0	2	6						
21	3.06	89	0.15	104.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0						
AVG	2.62	81	0.18	127.00	POOR	N/A	N/A	5	0	2	5	0	0	2	4						

6 OCCURS		LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST YEAR	DSN THOUS LFE	PCN	SUB	H
3.0 EXISTING BASE		38.0	42.2				1961	174			
FULL DEPTH RECLAMATION		30.2					2024		23273	1	
10.0 CEMENT TREATED BASE		7.3	24.0	7.3			2024		23273	1	
2.0 HBP-SUPERPAVE-FAA 43		4.7	24.0	4.7	PG58H-34	SP	2024		23273	1	
2.0 HBP-SUPERPAVE-FAA 43		4.0	24.0	4.0	PG58H-34	SP	2024	7871	20	23273	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	14	N		21.289	0.0000	33.000	0.4790	12.1893	3.0	24.0	3.0	5.5	7.0	38.0	30.0	74	315 2022	42	60	18	2020	FLEX	ASPHT	RCL	3	1965	2005	2017	F CHIP SEAL
WING N TO 1 MI S OF COUNTY LINE																		2015	DIST 83	RIDE	3.56	PRPI	GOOD	IRI	80				
SEALED 1963, 1973 AND 1983. 220 CU YDS OF PATCHING IN 1987, 226 IN 88, 126 IN 89 AND 992 IN 1990. SN VALUE TOO LOW. SHOULD BE OVERLAID. 1,300 CU YDS OF CONTRACT PATCHING IN 1991. MANY WEAK AREAS IN SPRING OF 1992 WERE EMERGENCY SCOTCH PATCHED. 5,961 TONS OF HOT MIX PATCHING FROM WING TO DENHOFF IN 1992.																		2016	DIST 82	RIDE	3.47	PRPI	GOOD	IRI	84				
2020-EMERGENCY GRADE RAISES-PCN 22878-RP 32.8 AND PCN 22789-RP33.7																		2017	DIST 79	RIDE	3.36	PRPI	GOOD	IRI	90				
2021 GRADE RAISE PCN 22879-RP 32.13 TO 33.42																		2018	DIST 98	RIDE	4.63	PRPI	EXCL	IRI	33				
																		2019	DIST 95	RIDE	4.65	PRPI	EXCL	IRI	32				
																		2020	DIST 95	RIDE	4.48	PRPI	GOOD	IRI	39				
																		2021	DIST 95	RIDE	4.41	PRPI	GOOD	IRI	42				
																		2022	DIST 95	RIDE	4.37	PRPI	GOOD	IRI	44				
																		2023	DIST 95	RIDE	4.32	PRPI	GOOD	IRI	46				
																		2024	DIST 92	RIDE	4.25	PRPI	GOOD	IRI	50				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
22	4.15	92	0.14	55.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
23	4.28	94	0.14	49.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
24	4.30	91	0.14	48.00	GOOD	N/A	N/A	3	0	0	5	0	0	0	0
25	4.10	94	0.14	56.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
26	4.43	94	0.13	42.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
27	4.27	93	0.14	49.00	GOOD	N/A	N/A	0	0	1	5	0	0	0	0
28	4.20	90	0.16	52.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
29	4.15	94	0.16	55.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
30	4.35	92	0.18	46.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
31	4.45	91	0.17	41.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
32	4.08	85	0.13	58.00	GOOD	N/A	N/A	3	0	2	3	0	0	6	0
33	4.20	89	0.13	52.00	GOOD	N/A	N/A	0	0	0	4	0	0	6	0
AVG	4.25	92	0.15	50.25	GOOD	N/A	N/A	1	0	1	5	0	0	1	0

10 OCCURS	LSHL WDT	RDWY WDT	RSHL WDT	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	(FT)	(FT)	(FT)								
GRADE		38.0				1963					
5.0 AGGREGATE BASE		34.0				1965					
2.0 BITUMINOUS BASE		24.0		120-150		1965	163	20			
INT CONT PATCH-1.0"		24.0		120-150		1992	70				
INT CONT PATCH-1.0"		24.0		120-150		1993	71				
CONTRACT CHIP SEAL		24.0		MC-3000		1995	166				
1.5 HOT BIT PAVEMENT	3.5	24.0	3.5	PG 58-28	27	2005	641	7	15624	1	
FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2008	412		17311	1	
3.0 HBP-SUPERPAVE-FAA 43	3.0	24.0	3.0	PG 58-28	SP	2017	1826	10	20975	1	
FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2020	354		22365	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	14	N		33.000	0.4790	45.777	0.0000	12.2897	3.0	24.0	3.0	6.0	7.0	38.0	30.0	75	330	42	50	18	2020	FLEX	ASPHT	RCL	3	1975	2005	2017	F CHIP SEAL
1 MI S OF CO LN NORTH TO JCT 200																	2015	DIST 83	RIDE	3.47	PRPI	GOOD	IRI	85					
SEALED 1963, 1973 AND 1983. PATCHING QUANTITIES INCLUDED IN SS-1-014(																	2016	DIST 80	RIDE	3.28	PRPI	GOOD	IRI	94					
)022.																	2017	DIST 79	RIDE	3.33	PRPI	GOOD	IRI	91					
2021 GRADE RAISE PCN 22781 RP 33.54 TO 34.10																	2018	DIST 97	RIDE	4.42	PRPI	GOOD	IRI	42					
																	2019	DIST 94	RIDE	4.49	PRPI	GOOD	IRI	39					
																	2020	DIST 94	RIDE	4.29	PRPI	GOOD	IRI	48					
																	2021	DIST 94	RIDE	4.26	PRPI	GOOD	IRI	49					
																	2022	DIST 93	RIDE	4.20	PRPI	GOOD	IRI	52					
																	2023	DIST 93	RIDE	4.23	PRPI	GOOD	IRI	50					
																	2024	DIST 90	RIDE	4.11	PRPI	GOOD	IRI	56					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	BC	RW	BP	RT	
34	4.34	85	0.15	46.00	GOOD	N/A	N/A	3	0	1	4	0	0	6	0
35	4.51	90	0.15	39.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
36	4.08	91	0.16	58.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
37	4.13	95	0.13	55.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
38	4.16	91	0.14	54.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
39	3.94	98	0.13	64.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
40	4.12	93	0.14	55.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0
41	4.17	89	0.17	53.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
42	4.07	91	0.17	58.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0
43	4.04	88	0.18	59.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
44	4.17	87	0.18	53.00	GOOD	N/A	N/A	3	0	2	7	0	0	0	0
45	3.53	87	0.11	83.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0
AVG	4.11	90	0.15	56.42	GOOD	N/A	N/A	2	0	1	5	0	0	1	0

11 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH							1960	196			
(IN) COMPONENTS							1960				
GRADE							1960				
3.5 AGGREGATE BASE							1960				
3.5 BITUMINOUS BASE							1960	169			
1.5 HOT BIT PAVEMENT							1975	203	20		
INT CONT PATCH-1.0"							1992	76			
INT CONT PATCH-1.0"							1993	77			
CONTRACT CHIP SEAL							1994	103			
1.5 HOT BIT PAVEMENT	3.5	24.0	3.5	PG 58-28	27	2005	646	7	15624	1	
FEDERAL AID CHIP SEAL				CRS2P	41	2008	415		17311	1	
3.0 HBP-SUPERPAVE-FAA 43	3.0	24.0	3.0	PG 58-28	SP	2017	1841	10	20976	1	
FEDERAL AID CHIP SEAL				CRS2P	41	2020	354		22365	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		69.680	0.0000	70.000	0.5240	0.8447	3.5	24.0	3.5	9.0	7.0	43.0	31.0	80	550 2022	56	12	12	2016	FLEX	ASPHT	RCR	2	2013	2013	2013	F CHIP SEAL
W JCT 49 E TO NEW LEIPZIG																		2015	DIST	89	RIDE	3.99	PRPI	GOOD	IRI	62			
																		2016	DIST	85	RIDE	3.96	PRPI	GOOD	IRI	63			
																		2017	DIST	82	RIDE	3.70	PRPI	GOOD	IRI	75			
																		2018	DIST	94	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2019	DIST	94	RIDE	3.76	PRPI	GOOD	IRI	72			
																		2020	DIST	93	RIDE	3.68	PRPI	GOOD	IRI	75			
																		2021	DIST	93	RIDE	3.66	PRPI	GOOD	IRI	76			
																		2022	DIST	92	RIDE	3.55	PRPI	GOOD	IRI	82			
																		2023	DIST	89	RIDE	3.54	PRPI	GOOD	IRI	82			
																		2024	DIST	88	RIDE	3.11	PRPI	FAIR	IRI	102			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
70	3.11	88	0.14	102.00	FAIR	N/A	N/A	3	0	1	7	0	0
AVG	3.11	88	0.14	102.00	FAIR	N/A	N/A	3	0	1	7	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		36.0				1950	9				
2.0	STABILIZED BASE		34.0				1955					
2.5	HOT BIT PAVEMENT		32.0				1955					
1.5	HOT BIT PAVEMENT		24.0		120-150		1955	14	20			
	CONTRACT CHIP SEAL		27.0		120-150		1978	28	20			
2.0	HOT BIT PAVEMENT		27.0		AE-150S		1983	6				
	DRIVE SLOPE FLATTENING		27.0		120-150	27	1997	51	20	364		1
	FEDERAL AID CHIP SEAL						1997			364		1
	WIDENING		28.0		MC-3000P	43	1999	4		12521		1
3.0	HBP-SUPERPAVE-FAA 43	3.5	3.5	24.0	3.5	PG 58-28	SP	2013	387	20	17716	1
	FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2016	26		21413		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	21	E		70.000	0.5240	70.000	0.9240	0.4000	3.5	24.0	3.5	6.5	6.0	44.0	31.0	83	624 2022	99	12	12	2016	FLEX	ASPHT	RCR	2	2013	2013	2013	F CHIP SEAL						
AT NEW LEIPZIG																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1972	46				
6.0	BITUMINOUS BASE		38.0		MC-800		1972	23				
1.5	HOT BIT PAVEMENT		27.0		120-150		1978	12				
	CONTRACT CHIP SEAL		27.0		AE-150S		1983	3				
2.0	HOT BIT PAVEMENT		27.0		120-150	27	1997	24	20	364	1	
	DRIVE SLOPE FLATTENING						1997			364	1	
	FEDERAL AID CHIP SEAL		28.0		MC-3000P	43	1999	2		12521	1	
	WIDENING	3.5		3.5			2013			17716	1	
3.0	HBP-SUPERPAVE-FAA 43	3.5	24.0	3.5	PG 58-28	SP	2013	183	20	17716	1	
	FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2016	12		21413	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		70.000	0.9240	90.000	0.3490	19.4146	3.5	24.0	3.5	9.0	7.0	43.0	31.0	79	667 2022	39	12	12	2016	FLEX	ASPHT	RCR	2	2013	2013	2013	F CHIP SEAL
FROM NEW LEIPZIG TO CARSON																		2015	DIST	90	RIDE	4.11	PRPI	GOOD	IRI	56			
																		2016	DIST	90	RIDE	3.95	PRPI	GOOD	IRI	63			
																		2017	DIST	91	RIDE	3.85	PRPI	GOOD	IRI	68			
																		2018	DIST	93	RIDE	3.81	PRPI	GOOD	IRI	69			
																		2019	DIST	93	RIDE	3.92	PRPI	GOOD	IRI	64			
																		2020	DIST	91	RIDE	3.74	PRPI	GOOD	IRI	72			
																		2021	DIST	91	RIDE	3.77	PRPI	GOOD	IRI	71			
																		2022	DIST	92	RIDE	3.57	PRPI	GOOD	IRI	80			
																		2023	DIST	92	RIDE	3.63	PRPI	GOOD	IRI	77			
																		2024	DIST	86	RIDE	3.34	PRPI	GOOD	IRI	91			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
71	2.81	88	0.15	116.00	POOR	N/A	N/A	3	0	1	7	0	0	0	0
72	2.79	87	0.14	118.00	POOR	N/A	N/A	3	0	2	7	0	0	0	0
73	2.93	86	0.14	111.00	FAIR	N/A	N/A	3	0	4	6	0	0	0	0
74	3.23	80	0.14	97.00	GOOD	N/A	N/A	6	0	7	6	0	0	0	0
75	3.34	86	0.14	91.00	GOOD	N/A	N/A	6	0	2	5	0	0	0	0
76	3.25	90	0.14	96.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
77	3.28	86	0.12	94.00	GOOD	N/A	N/A	3	0	3	7	0	0	0	0
78	3.10	84	0.12	103.00	GOOD	N/A	N/A	3	0	3	7	0	0	2	0
79	3.04	85	0.12	105.00	POOR	N/A	N/A	3	0	4	7	0	0	0	0
80	3.06	84	0.12	104.00	GOOD	N/A	N/A	8	0	0	7	0	0	0	0
81	3.33	86	0.12	91.00	GOOD	N/A	N/A	3	0	3	7	0	0	0	0
82	3.50	87	0.12	84.00	GOOD	N/A	N/A	3	0	3	6	0	0	0	0
83	3.66	90	0.11	77.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0
84	3.63	84	0.12	78.00	GOOD	N/A	N/A	6	0	3	6	0	0	0	0
85	3.56	83	0.12	81.00	GOOD	N/A	N/A	3	0	7	6	0	0	0	0
86	3.83	85	0.11	69.00	GOOD	N/A	N/A	3	0	2	7	0	0	2	0
87	3.57	85	0.12	81.00	GOOD	N/A	N/A	3	0	4	7	0	0	0	0
88	3.57	86	0.12	81.00	GOOD	N/A	N/A	3	0	4	6	0	0	0	0
89	3.69	88	0.13	75.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
90	3.59	85	0.13	80.00	GOOD	N/A	N/A	3	0	4	7	0	0	0	0
AVG	3.34	86	0.13	91.60	GOOD	N/A	N/A	4	0	3	6	0	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		36.0				1950	272				
2.0	STABILIZED BASE		34.0				1955					
2.5	HOT BIT PAVEMENT		32.0				1955					
1.5	HOT BIT PAVEMENT		24.0		120-150		1955	374				
	CONTRACT CHIP SEAL		27.0		120-150		1978	675				
2.0	HOT BIT PAVEMENT		27.0		AE-150S		1983	138				
	DRIVE SLOPE FLATTENING		27.0		120-150	27	1997	1194	20	364		1
	FEDERAL AID CHIP SEAL						1997			364		1
	WIDENING	3.5	28.0	3.5	MC-3000P	43	1999	83		12521		1
3.0	HBP-SUPERPAVE-FAA 43	3.5	24.0	3.5	PG 58-28	SP	2013	8889	20	17716		1
	FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2016	600		21413		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		90.000	0.3490	91.000	0.1010	0.7540	3.5	24.0	3.5	9.0	7.0	43.0	31.0	76	514 2022	56	12	12	2016	FLEX	ASPHT	RCR	2	2013	2013	2013	F CHIP SEAL
CARSON CITY SECTION																		2015	DIST 91	RIDE 4.35	PRPI	GOOD	IRI	45					
																		2016	DIST 91	RIDE 4.17	PRPI	GOOD	IRI	54					
																		2017	DIST 94	RIDE 4.09	PRPI	GOOD	IRI	57					
																		2018	DIST 92	RIDE 4.06	PRPI	GOOD	IRI	58					
																		2019	DIST 92	RIDE 4.24	PRPI	GOOD	IRI	51					
																		2020	DIST 92	RIDE 3.99	PRPI	GOOD	IRI	61					
																		2021	DIST 91	RIDE 3.99	PRPI	GOOD	IRI	61					
																		2022	DIST 92	RIDE 3.88	PRPI	GOOD	IRI	66					
																		2023	DIST 91	RIDE 3.97	PRPI	GOOD	IRI	62					
																		2024	DIST 86	RIDE 3.71	PRPI	GOOD	IRI	74					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
91	3.71	86	0.14	74.00	GOOD	N/A	N/A	3	0	4	6	0	0	0
AVG	3.71	86	0.14	74.00	GOOD	N/A	N/A	3	0	4	6	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1954	13				
5.0	AGGREGATE BASE		35.0				1957					
2.0	STABILIZED BASE		34.0				1957					
2.5	HOT BIT PAVEMENT		24.0		120-150		1957	14				
1.5	HOT BIT PAVEMENT		27.0		120-150		1978	26				
	CONTRACT CHIP SEAL				AE-150S		1983	5				
2.0	HOT BIT PAVEMENT		27.0		120-150	27	1997	46	20	364	1	
	DRIVE SLOPE FLATTENING						1997			364	1	
	FEDERAL AID CHIP SEAL		28.0		MC-3000P	43	1999	3		12521	1	
	WIDENING	3.5		3.5			2013			17716	1	
3.0	HBP-SUPERPAVE-FAA 43	3.5	24.0	3.5	PG 58-28	SP	2013	345	20	17716	1	
	FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2016	23		21413	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		91.000	0.1010	103.489	0.0000	12.3788	3.5	24.0	3.5	9.5	7.0	43.0	31.0	99	537 2022	56	11	11	2016	FLEX	ASPHT	RCR	2	2014	2014	2014	F CHIP SEAL
																			2015	DIST	91	RIDE	4.16	PRPI	GOOD	IRI	54		
																			2016	DIST	91	RIDE	4.02	PRPI	GOOD	IRI	60		
																			2017	DIST	88	RIDE	3.94	PRPI	GOOD	IRI	63		
																			2018	DIST	93	RIDE	3.85	PRPI	GOOD	IRI	67		
																			2019	DIST	95	RIDE	3.95	PRPI	GOOD	IRI	63		
																			2020	DIST	94	RIDE	3.72	PRPI	GOOD	IRI	73		
																			2021	DIST	94	RIDE	3.79	PRPI	GOOD	IRI	70		
																			2022	DIST	94	RIDE	3.47	PRPI	GOOD	IRI	85		
																			2023	DIST	94	RIDE	3.55	PRPI	GOOD	IRI	81		
																			2024	DIST	88	RIDE	3.25	PRPI	GOOD	IRI	95		

CARSON E TO JCT ND 31

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RUT RT
92	3.41	86	0.15	88.00	GOOD	N/A	N/A	3	0	3	7	0	0	0
93	3.15	95	0.11	100.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
94	3.03	91	0.13	106.00	GOOD	N/A	N/A	3	0	0	5	0	0	0
95	3.53	88	0.13	82.00	GOOD	N/A	N/A	3	0	2	6	0	0	0
96	3.28	88	0.12	94.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
97	3.23	89	0.13	97.00	GOOD	N/A	N/A	3	0	0	7	0	0	0
98	3.27	85	0.12	94.00	GOOD	N/A	N/A	3	0	4	7	0	0	0
99	3.25	85	0.14	95.00	GOOD	N/A	N/A	0	0	7	7	0	0	0
100	3.34	85	0.12	91.00	GOOD	N/A	N/A	3	0	4	7	0	0	0
101	3.19	82	0.14	98.00	GOOD	N/A	N/A	3	0	7	7	0	0	0
102	3.12	88	0.13	102.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
103	3.19	92	0.16	98.00	GOOD	N/A	N/A	3	0	0	4	0	0	0
AVG	3.25	88	0.13	95.42	GOOD	N/A	N/A	3	0	2	6	0	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1954	213				
5.0	AGGREGATE BASE		35.0				1957					
2.0	STABILIZED BASE		34.0				1957					
2.5	HOT BIT PAVEMENT		24.0		120-150		1957	231				
1.5	HOT BIT PAVEMENT		27.0		120-150		1978	430				
	CONTRACT CHIP SEAL				AE-150S		1983	90				
2.0	HOT BIT PAVEMENT		27.0		120-150	27	1997	762	20	364	1	
	DRIVE SLOPE FLATTENING						1997			364	1	
	FEDERAL AID CHIP SEAL		28.0		MC-3000P	43	1999	53		12521	1	
	WIDENING	2.5		2.5			2014			20163	1	
3.5	HBP-SUPERPAVE-FAA 43	3.5	24.0	3.5	PG 58-28	SP	2014	7665	20	20163	1	
	FEDERAL AID CHIP SEAL		31.0		CRS2P	41	2016	383		21413	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		103.489	0.0000	109.000	0.6890	6.2057	3.5	24.0	3.5	8.5	7.0	38.0	31.0	227	947 2022	155	27	19	2017	FLEX	ASPHT	RCR	2	1998	2016	2016	F CHIP SEAL
JCT 31 TO NP OVERHEAD-FLASHER																		2015	DIST 86	RIDE 2.93	PRPI	FAIR	IRI 111						
																		2016	DIST 99	RIDE 4.52	PRPI	GOOD	IRI 38						
																		2017	DIST 99	RIDE 4.28	PRPI	GOOD	IRI 48						
																		2018	DIST 98	RIDE 4.28	PRPI	GOOD	IRI 48						
																		2019	DIST 97	RIDE 4.34	PRPI	GOOD	IRI 45						
																		2020	DIST 98	RIDE 4.28	PRPI	GOOD	IRI 48						
																		2021	DIST 95	RIDE 4.28	PRPI	GOOD	IRI 48						
																		2022	DIST 96	RIDE 4.10	PRPI	GOOD	IRI 56						
																		2023	DIST 96	RIDE 4.19	PRPI	GOOD	IRI 52						
																		2024	DIST 96	RIDE 3.95	PRPI	GOOD	IRI 63						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT	
104	3.90	96	0.15	66.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
105	4.07	96	0.12	58.00	GOOD	N/A	N/A	0	0	1	2	0	0	0
106	3.79	97	0.13	71.00	GOOD	N/A	N/A	0	0	1	1	0	0	0
107	4.04	94	0.19	59.00	GOOD	N/A	N/A	3	0	0	2	0	0	0
108	4.07	96	0.16	58.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
109	3.85	96	0.17	68.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
AVG	3.95	96	0.15	63.33	GOOD	N/A	N/A	1	0	0	2	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1953	77				
5.0	AGGREGATE BASE		35.0				1956					
2.0	STABILIZED BASE		34.0				1956					
2.5	HOT BIT PAVEMENT		24.0		120-150		1956	59				
	CONTRACT CHIP SEAL		27.0		AE-150S		1983	45				
3.0	HOT BIT PAVEMENT	3.0	24.0	3.0	120-150	27	1998	558	20	207	1	
	DRIVE SLOPE FLATTENING						1998			207	1	
	FEDERAL AID CHIP SEAL		28.0		MC-3000P	43	1999	26		12522	1	
3.0	HBP-SUPERPAVE-FAA 42	3.5	24.0	3.5	PG 58-28	SP	2016	3628	10	17717	1	
	FEDERAL AID CHIP SEAL	3.5	24.0	3.5	CRS2P	41	2017	166		21797	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	21	E		109.000	0.6890	110.000	0.3890	0.7027	3.5	24.0	3.5	7.0	12.0	52.0	31.0	230	976 2022	159	27	19	2017	FLEX	ASPHT	RCR	2	1998	2016	2016	F CHIP SEAL				
NP OVERHEAD & APPROACH-E FLASHER																		2015 DIST 85		RIDE	2.80	PRPI	FAIR	IRI	117								
																		2016 DIST 99		RIDE	4.49	PRPI	GOOD	IRI	40								
																		2017 DIST 99		RIDE	4.36	PRPI	GOOD	IRI	45								
																		2018 DIST 98		RIDE	4.25	PRPI	GOOD	IRI	50								
																		2019 DIST 97		RIDE	4.47	PRPI	GOOD	IRI	40								
																		2020 DIST 98		RIDE	4.27	PRPI	GOOD	IRI	49								
																		2021 DIST 93		RIDE	4.39	PRPI	GOOD	IRI	44								
																		2022 DIST 94		RIDE	4.03	PRPI	GOOD	IRI	59								
																		2023 DIST 94		RIDE	4.34	PRPI	GOOD	IRI	46								
																		2024 DIST 89		RIDE	3.94	PRPI	GOOD	IRI	63								

RAILROAD OVERHEAD REMOVED IN 1997.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
110	3.94	89	0.14	63.00	GOOD	N/A	N/A	3	0	5	2	0	0	0
AVG	3.94	89	0.14	63.00	GOOD	N/A	N/A	3	0	5	2	0	0	0

6 OCCURS DPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RS HL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	AGGREGATE BASE		52.0				1998	230			207	1
4.0	HOT BIT PAVEMENT		40.0			05	1998				207	1
	FEDERAL AID CHIP SEAL		36.0		120-150	27	1998		20		207	1
3.0	HBP-SUPERPAVE-FAA 42		36.0		MC-3000P	43	1999	3		12522		1
	FEDERAL AID CHIP SEAL	3.5	24.0	3.5	PG 58-28	SP	2016	411	10	17717		1
	FEDERAL AID CHIP SEAL	3.5	24.0	3.5	CRS2P	41	2017	19		21797		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	21	E		110.000	0.3890	122.384	0.0000	11.9873	3.5	24.0	3.5	8.5	7.0	38.0	31.0	233	988 2022	162	27	19	2017	FLEX	ASPHT	RCR	2	1998	2016	2016	F CHIP SEAL
NP OVERHEAD TO JCT 6-E FLASHER																		2015	DIST 89	RIDE 2.58	PRPI FAIR	IRI 128							
																		2016	DIST 99	RIDE 4.56	PRPI EXCL	IRI 36							
																		2017	DIST 99	RIDE 4.30	PRPI GOOD	IRI 47							
																		2018	DIST 98	RIDE 4.30	PRPI GOOD	IRI 47							
																		2019	DIST 97	RIDE 4.34	PRPI GOOD	IRI 46							
																		2020	DIST 98	RIDE 4.26	PRPI GOOD	IRI 49							
																		2021	DIST 96	RIDE 4.24	PRPI GOOD	IRI 50							
																		2022	DIST 96	RIDE 4.05	PRPI GOOD	IRI 59							
																		2023	DIST 95	RIDE 4.14	PRPI GOOD	IRI 54							
																		2024	DIST 92	RIDE 3.90	PRPI GOOD	IRI 65							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT											
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT								
111	4.06	97	0.14	58.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0
112	3.88	93	0.14	67.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0
113	3.92	93	0.12	64.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0
114	3.73	91	0.12	73.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0	0	0
115	3.91	93	0.15	65.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0
116	3.94	91	0.13	63.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0	0	0
117	3.89	89	0.13	66.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0	0	0
118	4.09	92	0.15	57.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0	0	0
119	3.83	92	0.17	69.00	GOOD	N/A	N/A	0	0	3	4	0	0	0	0	0	0
120	3.88	91	0.16	67.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0	0	0
121	3.69	90	0.17	75.00	GOOD	N/A	N/A	3	0	5	1	0	0	0	0	0	0
122	3.98	97	0.18	62.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0	0
AVG	3.90	92	0.15	65.50	GOOD	N/A	N/A	2	0	2	3	0	0	0	0	0	0

11 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN				
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
GRADE		38.0				1956	150				
5.0 AGGREGATE BASE		35.0				1956					
2.0 STABILIZED BASE		34.0				1956					
2.5 HOT BIT PAVEMENT		24.0		120-150		1956	114				
CONTRACT CHIP SEAL		27.0		AE-150S		1983	87				
INT MTCE PATCH-1.5"		24.0				1993	44				
3.0 HOT BIT PAVEMENT	3.0	24.0	3.0	120-150	27	1998	1133	20	207	1	
DRIVE SLOPE FLATTENING						1998			207	1	
FEDERAL AID CHIP SEAL		36.0		MC-3000P	43	1999	51		12522	1	
3.0 HBP-SUPERPAVE-FAA 42	3.5	24.0	3.5	PG 58-28	SP	2016	7008	10	17717	1	
FEDERAL AID CHIP SEAL	3.5	24.0	3.5	CRS2P	41	2017	323		21797	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	24	N		0.000	0.0000	7.000	0.0000	6.9955	2.7	24.0	2.7	5.8	5.0	38.0	29.4	95	815 2022	41	62	16		FLEX	ASPHT	RSC	2	1963	2005	2022	MICROSURFACI
JCT 6 N TO 2 MILES-S FT YATES SPUR																													
THIS ROADWAY WAS ROUTED AND SEALED. CRACK SPACING 100 TO 125 FEET WAS ROUTED 3/4 INCH WIDE. SOME CRACKS WERE 1.5" WIDE IN MIDDLE OF WINTER 1992-1993. LOOKS REAL GOOD.																													
2012 - PCN 19627 - PIPE LINING & PIPE JACKING/BORING - RP 3.1																													
2015 DIST 77 RIDE 3.46 PRPI GOOD IRI 85																													
2016 DIST NA RIDE N/A PRPI N/A IRI N/A																													
2017 DIST 76 RIDE 3.25 PRPI GOOD IRI 95																													
2018 DIST 90 RIDE 3.46 PRPI GOOD IRI 85																													
2019 DIST 85 RIDE 3.16 PRPI GOOD IRI 99																													
2020 DIST 85 RIDE 3.44 PRPI GOOD IRI 86																													
2021 DIST 82 RIDE 3.06 PRPI GOOD IRI 104																													
2022 DIST 99 RIDE 3.07 PRPI FAIR IRI 103																													
2023 DIST 93 RIDE 2.96 PRPI FAIR IRI 109																													
2024 DIST 84 RIDE 2.90 PRPI FAIR IRI 112																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
0	2.43	78	0.17	136.00	POOR	N/A	N/A	6	0	6	3	0	0	0	6
1	3.19	91	0.17	98.00	FAIR	N/A	N/A	3	0	3	2	0	0	0	0
2	2.97	82	0.16	108.00	FAIR	N/A	N/A	3	0	4	4	0	0	0	6
3	2.78	83	0.20	118.00	POOR	N/A	N/A	3	0	3	4	0	0	0	6
4	2.83	79	0.15	116.00	POOR	N/A	N/A	6	0	4	4	0	0	0	6
5	3.04	90	0.14	105.00	FAIR	N/A	N/A	6	0	0	3	0	0	0	0
6	3.04	85	0.17	105.00	FAIR	N/A	N/A	3	0	1	4	0	0	0	6
AVG	2.90	84	0.17	112.29	FAIR	N/A	N/A	4	0	3	3	0	0	0	4

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		38.0				1962	390				
2.0	HOT BIT PAVEMENT		34.0				1963					
-.5	MILLING		24.0		120-150		1963	271	20			
3.5	HOT BIT PAVEMENT SAFETY PROJECT		24.0				1987					
3.5	HOT BIT PAVEMENT DISTRICT CHIP SEAL		28.0		120-150		1987	578	10			
1.5	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	2.0	24.0	2.0	MC-3000 PG 58-28	27	1987					
-.7	MICROMILL		29.0		CRS2P	41	2005	439	7	16185		1
	MICROSURFACING		29.0		AE	MC	2008	179	7	17219		1
			29.0				2022	511	7	22808		1
			29.0				2022	511	7	22808		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	24	N		7.000	0.0000	10.000	0.0900	3.0907	3.8	24.0	3.8	5.5	7.0	72.0	31.5	128	1717 2022	54	62	24	2017	FLEX	ASPHT	RSC	2	1963	2005	2014	F CHIP SEAL				
2 MI S FT YATES TO N OF FT YATES																		2015	DIST	76	RIDE	3.87	PRPI	GOOD	IRI	66							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	74	RIDE	3.67	PRPI	GOOD	IRI	76							
																		2018	DIST	91	RIDE	3.76	PRPI	GOOD	IRI	72							
																		2019	DIST	88	RIDE	3.64	PRPI	GOOD	IRI	77							
																		2020	DIST	85	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2021	DIST	85	RIDE	3.43	PRPI	GOOD	IRI	87							
																		2022	DIST	96	RIDE	3.30	PRPI	FAIR	IRI	93							
																		2023	DIST	90	RIDE	3.40	PRPI	GOOD	IRI	88							
																		2024	DIST	86	RIDE	3.06	PRPI	FAIR	IRI	104							

INTERMITTENT PATCHING - PCN 14679 REF PT 15.175-29.750  
2024 PCN 23193 ROUNDABOUT JCT HWY 24 AND BIA 31 NEAR FT YATES RP9.6

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
7	2.93	89	0.10	111.00	FAIR	N/A	N/A	3	0	3	4	0	0
8	2.86	81	0.12	114.00	POOR	N/A	N/A	9	0	3	6	0	0
9	3.38	87	0.13	89.00	GOOD	N/A	N/A	3	0	4	5	0	0
AVG	3.06	86	0.12	104.67	FAIR	N/A	N/A	5	0	3	5	0	0

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1962	109				
	1.0	TRAFFIC SERVICE GRAVEL		37.0				1962					
	2.5	AGGREGATE BASE		36.0				1963					
	3.5	BITUMINOUS BASE		34.0		MC-3		1963					
	2.0	HOT BIT PAVEMENT		24.0		120-150		1963	76	20			
		DRIVE SLOPE FLATTENING						1993	7				
		INT CONT PATCH-1.25"		24.0		120-150		1994					
		CONTRACT CHIP SEAL		24.0		MC-3000		1994	68				
		INT CONT PATCH-1.25"		28.0		PG 58-28	27	2001			14679	1	
	1.5	HOT BIT PAVEMENT	4.5	24.0	4.5	PG 58-28	27	2005	194	7	16185	1	
		FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	79		17219	1	
	2.0	HBP-SUPERPAVE-FAA 43		33.0		PG 58-28	SP	2014	586	7	20542	1	
		FEDERAL AID CHIP SEAL		31.5		CRS2P	41	2017	51		21352	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	24	N		10.000	0.0900	18.000	0.0000	7.9178	4.5	24.0	4.5	2.7	7.0	38.0	33.0	125	2074 2022	48	62	18		FLEX	ASPHT	RSC	2	1963	2005	2020	MICROSURFACI				
N OF FT YATES NORTH APPROX 8 MILES																		2015	DIST	81	RIDE	3.54	PRPI	GOOD	IRI	82							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	78	RIDE	3.34	PRPI	GOOD	IRI	91							
																		2018	DIST	88	RIDE	3.35	PRPI	GOOD	IRI	90							
																		2019	DIST	85	RIDE	3.35	PRPI	GOOD	IRI	90							
																		2020	DIST	81	RIDE	3.33	PRPI	GOOD	IRI	91							
																		2021	DIST	92	RIDE	3.58	PRPI	GOOD	IRI	79							
																		2022	DIST	90	RIDE	3.38	PRPI	GOOD	IRI	89							
																		2023	DIST	86	RIDE	3.32	PRPI	GOOD	IRI	92							
																		2024	DIST	80	RIDE	3.09	PRPI	FAIR	IRI	103							

INTERMITTENT PATCHING - PCN 14679 REF PT 15.175-29.750  
2018 PCN 21516 - CONSTRUCT NB RT & SB LT TURN LANES AT RP 10.967

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RUT, TC	RT, BC	RT, RW	RT, BP	RT, RT
10	3.18	84	0.12	99.00	GOOD	N/A	N/A	6	0	4	5	0	0	0	0
11	3.14	74	0.16	101.00	FAIR	N/A	N/A	9	0	4	6	0	0	0	6
12	3.10	82	0.11	102.00	FAIR	N/A	N/A	6	0	4	7	0	0	0	0
13	3.41	79	0.10	88.00	GOOD	N/A	N/A	9	0	5	6	0	0	0	0
14	3.13	81	0.13	101.00	FAIR	N/A	N/A	6	0	5	7	0	0	0	0
15	2.67	81	0.14	124.00	POOR	N/A	N/A	9	0	4	5	0	0	0	0
16	2.92	80	0.13	111.00	FAIR	N/A	N/A	9	0	5	5	0	0	0	0
17	3.13	79	0.13	101.00	FAIR	N/A	N/A	9	0	5	6	0	0	0	0
AVG	3.09	80	0.13	103.38	FAIR	N/A	N/A	8	0	5	6	0	0	0	1

13 OCCURS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		38.0				1962	280				
1.0 TRAFFIC SERVICE GRAVEL		37.0				1962					
2.5 AGGREGATE BASE		36.0				1963					
3.5 BITUMINOUS BASE		34.0		MC-3		1963					
2.0 HOT BIT PAVEMENT		24.0		120-150		1963	195	20			
DRIVE SLOPE FLATTENING						1993	19				
INT CONT PATCH-1.25"		24.0		120-150		1994					
CONTRACT CHIP SEAL		24.0		MC-3000		1994	174				
INT CONT PATCH-1.25"		28.0		PG 58-28	27	2001			14679	1	
1.5 HOT BIT PAVEMENT	4.5	24.0	4.5	PG 58-28	27	2005	496	7	16185	1	
FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	203		17219	1	
-.7 MICROMILL	2.5	24.0	2.5			2020	454		22807	1	
MICROSURFACING	2.5	24.0	2.5	AE	MC	2020		7	22807	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	24	N		18.000	0.0000		29.914	0.0000		11.8980	3.6	24.0	3.6	5.2	57.0	38.0	31.2	117	1843 2022	50	59	18		FLEX	ASPHT	RSC	2	1966	2005	2020	MICROSURFACI
9 MI N FT YATES SPUR-N TO JCT 1806 _INTERMITTENT PATCHING - PCN 14679 REF PT 15.175 - 29.750																															
2015 DIST 83 RIDE 3.63 PRPI GOOD IRI 77 2016 DIST NA RIDE N/A PRPI N/A IRI N/A 2017 DIST 80 RIDE 3.38 PRPI GOOD IRI 89 2018 DIST 88 RIDE 3.48 PRPI GOOD IRI 84 2019 DIST 83 RIDE 3.42 PRPI GOOD IRI 87 2020 DIST 82 RIDE 3.48 PRPI GOOD IRI 85 2021 DIST 93 RIDE 3.66 PRPI GOOD IRI 76 2022 DIST 92 RIDE 3.41 PRPI GOOD IRI 87 2023 DIST 87 RIDE 3.32 PRPI GOOD IRI 92 2024 DIST 82 RIDE 3.11 PRPI FAIR IRI 102																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
18	3.23	81	0.14	96.00	FAIR	N/A	N/A	6	0	5	7	0	0	0	0
19	3.32	87	0.12	92.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0
20	2.84	79	0.16	115.00	POOR	N/A	N/A	9	0	5	6	0	0	0	0
21	3.13	79	0.12	101.00	FAIR	N/A	N/A	9	0	5	6	0	0	0	0
22	2.86	80	0.11	114.00	POOR	N/A	N/A	9	0	5	5	0	0	0	0
23	2.88	83	0.14	113.00	POOR	N/A	N/A	6	0	4	6	0	0	0	0
24	2.67	80	0.15	123.00	POOR	N/A	N/A	9	0	4	6	0	0	0	0
25	3.31	83	0.12	92.00	GOOD	N/A	N/A	6	0	4	6	0	0	0	0
26	3.29	78	0.17	94.00	GOOD	N/A	N/A	9	0	6	6	0	0	0	0
27	3.43	86	0.13	87.00	GOOD	N/A	N/A	3	0	3	7	0	0	0	0
28	3.15	84	0.10	100.00	GOOD	N/A	N/A	6	0	3	6	0	0	0	0
29	3.20	82	0.10	97.00	GOOD	N/A	N/A	6	0	5	6	0	0	0	0
AVG	3.11	82	0.13	102.00	FAIR	N/A	N/A	7	0	4	6	0	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.5	AGGREGATE BASE		38.0				1965	358				
3.5	BITUMINOUS BASE		36.0				1966					
3.0	HOT BIT PAVEMENT SAFETY PROJECT		34.0		SM-K		1966	228	20			
3.0	HOT BIT PAVEMENT CONTRACT SAND SEAL		28.0		120-150		1987	982	10			
1.5	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL		28.0		HFMS-2		1987					
1.5	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	27	2001			14679		1
- .7	MICROMILL	2.5	24.0	2.5	PG 58-28	27	2005	747	7	16185		1
- .7	MICROSURFACING	2.5	24.0	2.5	CRS2P	41	2008	305		17219		1
- .7	MICROSURFACING	2.5	24.0	2.5	AE	MC	2020	681		22807		1
- .7	MICROSURFACING	2.5	24.0	2.5	AE	MC	2020		7	22807		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
1	24	N		29.914	0.0000	30.000	0.0000	0.0867	2.5	24.0	2.5	4.5	4.0	38.0	29.0	40	305 2022	32	55	16		FLEX	ASPHT	RCL	3	1970	2005	2022	RAP-FAA 42																			
AT CANNONBALL CORNER																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	38.0					1968	8				
	4.0	BITUMINOUS BASE	34.0			SM-K		1970					
	2.0	HOT BIT PAVEMENT	24.0			SC-3000		1970	8	20			
		DISTRICT CHIP SEAL	24.0			MC-3000		1988	2				
	1.5	HOT BIT PAVEMENT	24.0	3.0	3.0	PG 58-28	27	2005	5	7	15305	1	
		FEDERAL AID CHIP SEAL	30.0			CRS2P	41	2008	2		17220	1	
	-1.0	MILLING	30.6					2022			22866	1	
	2.0	RAP-SUPERPAVE FAA 42	24.0	2.5	2.5	PG 58S28	SP	2022	16	7	22866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	24	N		30.000	0.0000	45.046	0.0000	15.0339	2.5	24.0	2.5	4.5	4.0	34.0	29.0	35	228 2022	21	55	16		FLEX	ASPHT	RCL	3	1970	2005	2022	RAP-FAA 42				
SOLEN EAST AND WEST																		2015	DIST	83	RIDE	3.41	PRPI	GOOD	IRI	88							
INTERMITTENT PATCHING PCN 14679 REF PT 30.122 TO 40.290																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	80	RIDE	3.21	PRPI	GOOD	IRI	97							
																		2018	DIST	90	RIDE	3.10	PRPI	FAIR	IRI	103							
																		2019	DIST	90	RIDE	3.16	PRPI	FAIR	IRI	100							
																		2020	DIST	88	RIDE	2.91	PRPI	FAIR	IRI	114							
																		2021	DIST	88	RIDE	3.13	PRPI	GOOD	IRI	101							
																		2022	DIST	97	RIDE	3.91	PRPI	GOOD	IRI	66							
																		2023	DIST	97	RIDE	4.15	PRPI	GOOD	IRI	54							
																		2024	DIST	91	RIDE	4.03	PRPI	GOOD	IRI	59							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
30	3.89	90	0.09	66.00	GOOD	N/A	N/A	0	0	4	5	0	0	0	0
31	4.28	92	0.09	49.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
32	3.89	92	0.08	66.00	GOOD	N/A	N/A	0	0	1	6	0	0	0	0
33	4.25	88	0.09	50.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
34	3.90	92	0.09	65.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
35	3.89	92	0.07	66.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
36	4.08	89	0.09	57.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
37	4.24	88	0.09	50.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
38	4.24	88	0.10	50.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
39	4.00	89	0.12	61.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
40	4.21	92	0.08	52.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
41	4.01	91	0.09	60.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0
42	4.22	91	0.09	51.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0
43	3.92	92	0.11	64.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
44	3.48	92	0.11	84.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0
45	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	4.03	91	0.09	59.40	GOOD	N/A	N/A	1	0	1	7	0	0	0	0

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN				
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
4.0	34.0	32.0		SM-K		1970	376				
2.0	24.0	24.0		SC-3000		1970	422	20			
	24.0	24.0		MC-3000		1988	97				
	26.0	26.0		PG 58-28	27	2001			14679	1	
1.5	3.0	24.0	3.0	PG 58-28	27	2005	949	7	15305	1	
		30.0		CRS2P	41	2008	386		17220	1	
-1.0		30.6				2022			22866	1	
2.0	2.5	24.0	2.5	PG 58S28	SP	2022	2814	7	22866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	25	N		0.000		0.0000	28.658		0.0000	28.6459	3.0	24.0	3.0	7.5	10.0	52.0	30.0	174	1616	82	12	12	2020	FLEX	ASPHT	RCR	2	2013	2017	2017	F CHIP SEAL
JCT I-94 N TO JCT 48 CENTER																															
FROM MI. 2.557 TO 4.661 & MI. 7.107 TO 8.104 7.5' OF CLASS 3 AGGREGATE WAS LAID ON TOP OF THE ASPHALT BEFORE MINING																															
2015 DIST 88 RIDE 3.48 PRPI GOOD IRI 84																															
2016 DIST 89 RIDE 3.43 PRPI GOOD IRI 86																															
2017 DIST 92 RIDE 4.28 PRPI GOOD IRI 48																															
2018 DIST 98 RIDE 4.30 PRPI GOOD IRI 47																															
2019 DIST 97 RIDE 4.32 PRPI GOOD IRI 46																															
2020 DIST 96 RIDE 4.18 PRPI GOOD IRI 53																															
2021 DIST 97 RIDE 4.16 PRPI GOOD IRI 53																															
2022 DIST 95 RIDE 4.13 PRPI GOOD IRI 55																															
2023 DIST 96 RIDE 4.12 PRPI GOOD IRI 55																															
2024 DIST 92 RIDE 4.02 PRPI GOOD IRI 60																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
0	4.04	90	0.10	59.00	GOOD	N/A	N/A	3	0	1	3	0	0	2	0
1	4.25	91	0.10	50.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
2	3.99	95	0.10	62.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0
3	4.12	96	0.11	56.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
4	4.09	93	0.10	57.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
5	4.00	94	0.11	61.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
6	4.08	93	0.11	57.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
7	3.84	92	0.12	68.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
8	3.88	96	0.11	67.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
9	4.18	91	0.11	53.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
10	4.11	94	0.12	56.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0
11	4.11	92	0.14	56.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
12	4.11	95	0.10	56.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
13	4.06	85	0.12	58.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	6
14	3.96	90	0.10	63.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
15	4.06	94	0.08	58.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
16	3.82	93	0.10	69.00	GOOD	N/A	N/A	0	0	0	4	0	0	2	0
17	4.04	92	0.10	59.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
18	4.08	87	0.14	58.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	6
19	4.12	92	0.11	55.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
20	4.13	95	0.11	55.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
21	4.12	95	0.10	56.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
22	4.11	95	0.09	56.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0
23	3.90	92	0.09	65.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
24	4.00	93	0.09	61.00	GOOD	N/A	N/A	0	0	1	5	0	0	0	0
25	3.99	94	0.09	62.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
26	3.79	92	0.08	70.00	GOOD	N/A	N/A	0	0	3	4	0	0	0	0
27	4.01	90	0.10	60.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0
28	3.50	90	0.10	84.00	GOOD	N/A	N/A	3	0	2	2	0	0	2	0
AVG	4.02	92	0.10	60.24	GOOD	N/A	N/A	2	0	1	4	0	0	0	0

8 OCCURS	LSHL DPTH (IN)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
			52.0			1987	5749				
	10.0		34.5			1999			12370		1
	2.5		30.0	PG 58-28	SP	1999	5292	20	12370		1
	2.0		30.0	PG 58-34	SP	1999		20	12370		1
			30.0	MC-3000P	43	2001	351		14223		1
			30.0	PG 58-28	SP	2013	1618	20	20190		1
	2.0		3.0	PG 58-28	SP	2017	3635	7	21654		1
			30.0	CRS2P	41	2020	997		22364		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																						
1	25	N		28.658	0.0000	34.758	0.0000	6.1019		24.0		2.5	8.0	32.0	24.0	110	518 2022	42	17	17	2010	FLEX	ASPHT	RCR	2	2008	2008	2008	F CHIP SEAL																						
CENTER WEST TO JCT 31-HANNOVER																		2015	DIST	88	RIDE	3.42	PRPI	GOOD	IRI	87																									
2008 - PCN 16342 FULL DEPTH RECLAMATION																		2016	DIST	93	RIDE	3.55	PRPI	GOOD	IRI	82																									
																		2017	DIST	85	RIDE	3.24	PRPI	GOOD	IRI	95																									
																		2018	DIST	92	RIDE	3.37	PRPI	GOOD	IRI	89																									
																		2019	DIST	90	RIDE	3.31	PRPI	GOOD	IRI	92																									
																		2020	DIST	87	RIDE	3.48	PRPI	GOOD	IRI	84																									
																		2021	DIST	85	RIDE	3.24	PRPI	FAIR	IRI	95																									
																		2022	DIST	85	RIDE	3.35	PRPI	GOOD	IRI	90																									
																		2023	DIST	84	RIDE	3.08	PRPI	FAIR	IRI	103																									
																		2024	DIST	80	RIDE	3.17	PRPI	FAIR	IRI	99																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
29	3.18	82	0.13	99.00	GOOD	N/A	N/A	9	0	3	3	0	0	2	0
30	3.41	76	0.11	88.00	GOOD	N/A	N/A	9	0	8	6	0	0	0	0
31	3.32	80	0.11	92.00	FAIR	N/A	N/A	9	0	6	4	0	0	0	0
32	3.29	83	0.14	93.00	GOOD	N/A	N/A	9	0	4	3	0	0	0	0
33	3.06	83	0.12	104.00	FAIR	N/A	N/A	6	0	5	5	0	0	0	0
34	2.73	76	0.17	121.00	POOR	N/A	N/A	9	0	5	3	0	0	0	6
AVG	3.17	80	0.13	99.50	FAIR	N/A	N/A	9	0	5	4	0	0	0	1

4 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1955	99				
		8.0 STABILIZED BASE		28.0				2008			16342	1	
		2.5 HBP-SUPERPAVE-FAA 40		24.0		PG 58-34	SP	2008	1750	20	16342	1	
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2010	241		18315	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	31	N		0.000	0.0000	19.000	0.8000	19.8199		24.0		5.0	3.0	38.0	24.0	130	313 2022	103	58	25	2013	FLEX	ASPHT	RCR	2	1967	1982	2010	C CHIP SEAL

STATE LINE N TO SHIELDS CORNER

PCN-13958-RP 0.00 TO RP 14.565.  
 2001 DISTRICT CHIP SEAL WAS FROM RP 0.0 TO 9.6.  
 2004 DISTRICT CHIP SEAL WAS FROM 9.6 TO 19.8

2015	DIST 92	RIDE 3.69	PRPI	GOOD	IRI 75
2016	DIST 93	RIDE 3.47	PRPI	GOOD	IRI 85
2017	DIST 87	RIDE 3.48	PRPI	GOOD	IRI 85
2018	DIST 94	RIDE 3.33	PRPI	GOOD	IRI 91
2019	DIST 94	RIDE 3.54	PRPI	GOOD	IRI 81
2020	DIST 94	RIDE 3.16	PRPI	GOOD	IRI 99
2021	DIST 91	RIDE 3.25	PRPI	GOOD	IRI 95
2022	DIST 93	RIDE 2.81	PRPI	POOR	IRI 116
2023	DIST 94	RIDE 2.96	PRPI	POOR	IRI 109
2024	DIST 90	RIDE 2.55	PRPI	POOR	IRI 130

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	2.53	89	0.11	131.00	POOR	N/A	N/A	3	0	1	6	0	0	0	0
1	2.44	93	0.11	136.00	POOR	N/A	N/A	0	0	0	6	0	0	0	0
2	2.97	93	0.11	109.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0
3	2.69	93	0.11	122.00	POOR	N/A	N/A	0	0	0	6	0	0	0	0
4	2.83	91	0.11	115.00	POOR	N/A	N/A	3	0	1	4	0	0	0	0
5	2.88	90	0.13	113.00	POOR	N/A	N/A	3	0	1	5	0	0	0	0
6	2.25	90	0.11	146.00	POOR	N/A	N/A	3	0	1	5	0	0	0	0
7	2.27	89	0.12	144.00	POOR	N/A	N/A	3	0	3	4	0	0	0	0
8	2.89	91	0.11	112.00	POOR	N/A	N/A	3	0	0	5	0	0	0	0
9	2.81	88	0.13	116.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0
10	2.57	89	0.12	128.00	POOR	N/A	N/A	3	0	3	4	0	0	0	0
11	2.87	90	0.11	113.00	FAIR	N/A	N/A	3	0	1	5	0	0	0	0
12	3.06	88	0.13	105.00	FAIR	N/A	N/A	3	0	2	4	0	0	2	0
13	2.53	83	0.10	131.00	POOR	N/A	N/A	3	0	4	7	0	0	2	0
14	2.20	86	0.13	149.00	POOR	N/A	N/A	3	0	4	6	0	0	0	0
15	2.14	88	0.13	152.00	POOR	N/A	N/A	3	0	1	7	0	0	0	0
16	2.11	89	0.10	153.00	POOR	N/A	N/A	3	0	1	6	0	0	0	0
17	2.70	91	0.10	122.00	POOR	N/A	N/A	3	0	0	5	0	0	0	0
18	1.80	90	0.13	172.00	POOR	N/A	N/A	3	0	1	5	0	0	0	0
19	2.37	90	0.12	139.00	POOR	N/A	N/A	3	0	0	6	0	0	0	0
AVG	2.55	90	0.12	130.40	POOR	N/A	N/A	3	0	1	5	0	0	0	0

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WIDTH (FT)	WIDTH (FT)	WIDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE		
		38.0				1963	748			
3.0	BITUMINOUS BASE	36.0		SM-K		1967				
1.5	HOT BIT PAVEMENT	24.0		85-100		1967	409	20		
1.5	HOT BIT PAVEMENT	27.0				1982	1103	10		
	CONTRACT CHIP SEAL	24.0		MC-3000		1995	177			
	INT CONT PATCH-1.25"	27.0		PG 58-28	27	2000	442		13958	1
	DISTRICT CHIP SEAL	24.0		MC-3000	43	2004	102			
2.0	HOT BIT PAVEMENT	24.0		PG 58-28	29	2010	2376	10	17106	1
	CONTRACT CHIP SEAL	24.0		CRS2P	41	2013	672		18048	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTD	FIN WDTD	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	31	N		19.000	0.8000	35.257	0.0000	15.4365		24.0		5.2	5.0	32.0	24.0	81	446 2022	69	62	25	2013	FLEX	ASPHT	RCR	2	1963	1993	2010	C CHIP SEAL
SHIELDS CORNER TO JCT 21																													
ONE MILE WAS OVERLAID IN SCHOOL AREA. (TEST SECTION).																													
2015 DIST 92 RIDE 3.78 PRPI GOOD IRI 71																													
2016 DIST 97 RIDE 3.72 PRPI GOOD IRI 73																													
2017 DIST 87 RIDE 3.53 PRPI GOOD IRI 82																													
2018 DIST 94 RIDE 3.52 PRPI GOOD IRI 83																													
2019 DIST 94 RIDE 3.56 PRPI GOOD IRI 81																													
2020 DIST 93 RIDE 3.34 PRPI GOOD IRI 91																													
2021 DIST 91 RIDE 3.26 PRPI GOOD IRI 94																													
2022 DIST 93 RIDE 3.04 PRPI GOOD IRI 105																													
2023 DIST 92 RIDE 2.81 PRPI GOOD IRI 117																													
2024 DIST 89 RIDE 2.75 PRPI POOR IRI 120																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
20	2.86	92	0.10	114.00	POOR	N/A	N/A	3	0	1	3	0	0	0	0
21	3.72	89	0.08	73.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0
22	3.31	91	0.08	92.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
23	3.49	88	0.09	84.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0
24	3.19	92	0.09	98.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
25	3.27	88	0.09	95.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
26	2.51	91	0.13	132.00	POOR	N/A	N/A	3	0	1	4	0	0	0	0
27	2.65	90	0.14	124.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0
28	2.13	88	0.12	152.00	POOR	N/A	N/A	3	0	1	7	0	0	0	0
29	1.99	85	0.11	160.00	POOR	N/A	N/A	3	0	3	6	0	0	2	0
30	2.84	89	0.10	115.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
31	2.05	87	0.11	157.00	POOR	N/A	N/A	3	0	3	6	0	0	0	0
32	3.05	83	0.09	105.00	GOOD	N/A	N/A	3	0	7	6	0	0	0	0
33	2.43	90	0.10	136.00	POOR	N/A	N/A	3	0	0	6	0	0	0	0
34	1.82	82	0.12	171.00	POOR	N/A	N/A	6	0	5	6	0	0	0	0
35	2.66	93	0.14	124.00	POOR	N/A	N/A	3	0	0	3	0	0	0	0
AVG	2.75	89	0.11	120.75	POOR	N/A	N/A	3	0	2	5	0	0	0	0

10 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS LFE			
GRADE		32.0				1957	265			
5.0 AGGREGATE BASE		28.0				1963				
2.0 HOT BIT PAVEMENT		24.0		120-150		1963	245	20		
-2.0 MILLING		24.0				1982				
3.2 RECYCLED HOT BIT PAVMNT		24.0		200-300		1982	877	10		
HOT BIT PAVEMENT		24.0		120-150		1993	460	5		
CONTRACT CHIP SEAL		24.0		MC-3000		1995	138			
DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	152			
2.0 HOT BIT PAVEMENT		24.0		PG 58-28	29	2010	1851	10	17106	1
CONTRACT CHIP SEAL		24.0		CRS2P	41	2013	523		18048	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	31	N		78.257	0.0000	95.646	0.0000	17.4607	1.0	24.0	1.0	7.0	7.0	36.0	26.0	127	803 2023	90	19	19	2008	FLEX	ASPHT	RCR	1	2006	2006	2006	F CHIP SEAL
JCT I-94 N TO HANNOVER																		2015	DIST	93	RIDE	3.40	PRPI	GOOD	IRI	88			
																		2016	DIST	94	RIDE	2.92	PRPI	GOOD	IRI	111			
																		2017	DIST	89	RIDE	3.03	PRPI	GOOD	IRI	105			
																		2018	DIST	94	RIDE	2.35	PRPI	POOR	IRI	141			
																		2019	DIST	93	RIDE	2.94	PRPI	GOOD	IRI	110			
																		2020	DIST	91	RIDE	2.22	PRPI	POOR	IRI	147			
																		2021	DIST	91	RIDE	2.80	PRPI	POOR	IRI	117			
																		2022	DIST	91	RIDE	1.97	PRPI	POOR	IRI	162			
																		2023	DIST	90	RIDE	2.43	PRPI	POOR	IRI	136			
																		2024	DIST	85	RIDE	1.63	PRPI	POOR	IRI	183			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	FLT	AC	AVERAGE	BLD	LC	TC	BC	RW	BP	RT	RIDE, DISTRESS & RUT
78	1.51	84	0.15	191.00	POOR	N/A	N/A	6	0	2	5	0	0	2	0			
79	1.59	82	0.17	186.00	POOR	N/A	N/A	6	0	5	6	0	0	0	0			
80	1.68	83	0.14	180.00	POOR	N/A	N/A	9	0	1	6	0	0	0	0			
81	1.72	84	0.13	177.00	POOR	N/A	N/A	6	0	4	5	0	0	0	0			
82	1.69	86	0.11	179.00	POOR	N/A	N/A	6	0	2	5	0	0	0	0			
83	1.87	83	0.10	167.00	POOR	N/A	N/A	3	0	6	5	0	0	2	0			
84	1.79	84	0.11	172.00	POOR	N/A	N/A	3	0	5	5	0	0	2	0			
85	1.63	89	0.13	183.00	POOR	N/A	N/A	3	0	1	6	0	0	0	0			
86	1.66	82	0.12	181.00	POOR	N/A	N/A	6	0	4	5	0	0	2	0			
87	1.31	84	0.17	206.00	POOR	N/A	N/A	6	0	3	6	0	0	0	0			
88	1.14	80	0.15	221.00	POOR	N/A	N/A	6	0	7	6	0	0	0	0			
89	1.41	81	0.12	198.00	POOR	N/A	N/A	6	0	4	6	0	0	2	0			
90	1.31	85	0.15	206.00	POOR	N/A	N/A	6	0	2	6	0	0	0	0			
91	1.46	85	0.15	194.00	POOR	N/A	N/A	6	0	3	5	0	0	0	0			
92	1.58	84	0.14	186.00	POOR	N/A	N/A	6	0	4	5	0	0	0	0			
93	2.25	90	0.10	145.00	POOR	N/A	N/A	3	0	1	5	0	0	0	0			
94	2.02	88	0.11	159.00	POOR	N/A	N/A	3	0	4	4	0	0	0	0			
95	1.67	87	0.13	180.00	POOR	N/A	N/A	3	0	5	4	0	0	0	0			
AVG	1.63	85	0.13	183.94	POOR	N/A	N/A	5	0	4	5	0	0	1	0			

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1951	240				
5.0	AGGREGATE BASE		34.0				1952					
2.0	STABILIZED BASE		32.0				1952					
2.5	HOT BIT PAVEMENT		22.0		150-200		1952	359	20			
2.0	HOT BIT PAVEMENT		28.0		120-150		1984	1653	10			
	DRIVE SLOPE FLATTENING						1985					
	DISTRICT CHIP SEAL		28.0		MC-3000		1995	133				
2.5	HBP-SUPERPAVE-FAA 42		26.0		PG 58-28	SP	2006	2197	20	14914	1	
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2008	574		17312	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	31	N		95.646	0.0000		108.650	0.0000		12.9986	1.0	24.0	1.0	6.5	7.0	36.0	26.0	120	620 2023	78	19	16	2022	FLEX	ASPHT	RCR	1	2006	2006	2006	SLURRY SEAL
HANNOVER N TO W JCT 200 A																															
2015 DIST 91 RIDE 3.87 PRPI GOOD IRI 66																															
2016 DIST 94 RIDE 3.65 PRPI GOOD IRI 76																															
2017 DIST 88 RIDE 3.67 PRPI GOOD IRI 75																															
2018 DIST 95 RIDE 3.29 PRPI GOOD IRI 93																															
2019 DIST 93 RIDE 3.66 PRPI GOOD IRI 76																															
2020 DIST 92 RIDE 3.26 PRPI GOOD IRI 95																															
2021 DIST 90 RIDE 3.53 PRPI GOOD IRI 82																															
2022 DIST 90 RIDE 3.36 PRPI FAIR IRI 90																															
2023 DIST 90 RIDE 3.17 PRPI FAIR IRI 99																															
2024 DIST 88 RIDE 2.93 PRPI FAIR IRI 110																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT
96	2.62	90	0.11	126.00	POOR	N/A	N/A	3	0	2	4	0	0
97	2.97	87	0.09	108.00	GOOD	N/A	N/A	3	0	5	4	0	0
98	2.88	85	0.10	113.00	FAIR	N/A	N/A	3	0	6	5	0	0
99	2.90	89	0.08	112.00	FAIR	N/A	N/A	3	0	4	3	0	0
100	2.70	85	0.09	122.00	POOR	N/A	N/A	3	0	7	4	0	0
101	2.88	87	0.10	113.00	FAIR	N/A	N/A	3	0	4	5	0	0
102	2.89	92	0.08	113.00	FAIR	N/A	N/A	3	0	0	4	0	0
103	3.21	91	0.10	97.00	FAIR	N/A	N/A	3	0	1	4	0	0
104	3.33	89	0.10	92.00	GOOD	N/A	N/A	3	0	3	4	0	0
105	3.11	87	0.10	102.00	FAIR	N/A	N/A	3	0	6	3	0	0
106	3.37	86	0.09	90.00	GOOD	N/A	N/A	3	0	6	4	0	0
107	2.33	86	0.09	142.00	POOR	N/A	N/A	3	0	6	4	0	0
108	2.90	88	0.10	112.00	FAIR	N/A	N/A	3	0	4	4	0	0
AVG	2.93	88	0.09	110.92	FAIR	N/A	N/A	3	0	4	4	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1947	223				
5.0	AGGREGATE BASE		34.0				1948					
2.0	STABILIZED BASE		32.0				1948					
2.5	HOT BIT PAVEMENT		22.0		150-200		1948	285	20			
2.0	HOT BIT PAVEMENT		28.0		120-150		1984	1414	10			
	DRIVE SLOPE FLATTENING						1985					
	CONTRACT SAND SEAL		28.0		AE-150S		1986	76				
	DISTRICT CHIP SEAL		28.0		MC-3000		1996	98				
2.5	HBP-SUPERPAVE-FAA 42	1.0	24.0	1.0	PG 58-28	SP	2006	1635	20	14914	1	
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2008	427		17312	1	
-.5	MICROMILL		26.0				2022	95	7	23187	1	
	SLURRY SEAL		26.0			10	2022			23187	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	31	N		110.517	0.0000	110.517	0.3000	0.3000	7.5	24.0	7.5	5.0	7.0	48.0	39.0	103	624 2023	31	19	16	2022	FLEX	ASPHT	RCL	1	2006	2006	2006	SLURRY SEAL				
E JCT 200A N TO UNDERPASS																		SHARP CURVES AT UNDERPASS. SEALED 1949, 1958, 1973 AND 1984.															
																		2015	DIST 88	RIDE 2.76	PRPI	FAIR	IRI 119										
																		2016	DIST 89	RIDE 2.33	PRPI	FAIR	IRI 142										
																		2017	DIST 79	RIDE 2.67	PRPI	POOR	IRI 123										
																		2018	DIST 91	RIDE 2.78	PRPI	FAIR	IRI 118										
																		2019	DIST 90	RIDE 2.74	PRPI	POOR	IRI 120										
																		2020	DIST 90	RIDE 2.95	PRPI	GOOD	IRI 109										
																		2021	DIST 89	RIDE 2.67	PRPI	FAIR	IRI 124										
																		2022	DIST 89	RIDE 2.73	PRPI	POOR	IRI 121										
																		2023	DIST 91	RIDE 2.32	PRPI	POOR	IRI 142										
																		2024	DIST 91	RIDE 2.44	PRPI	POOR	IRI 135										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
110	2.44	91	0.11	135.00	POOR	N/A	N/A	3	0	1	2	0	2	0
AVG	2.44	91	0.11	135.00	POOR	N/A	N/A	3	0	1	2	0	2	0

8 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	HOT BIT PAVEMENT		48.0	44.0		SC-3000		1969	15				
	CONTRACT CHIP SEAL					RC-800		1971	11	20			
	DISTRICT CHIP SEAL					MC-3000		1973					
1.5	HBP-SUPERPAVE-FAA 42		7.5	24.0	7.5	PG 58-28	SP	2006	38	20	14914	1	
	FEDERAL AID CHIP SEAL			26.0		CRS2P		2008	9		17313	1	
-.5	MICROMILL			42.0				2022	22	7	23187	1	
	SLURRY SEAL			42.0				2022	10		23187	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																						
1	31	N		110.517	0.3000	112.195	0.0000	1.3794	1.5	24.0	1.5	5.5	7.0	36.0	27.0	88	476 2023	31	19	16	2022	FLEX	ASPHT	RCL	1	2006	2006	2006	SLURRY SEAL																						
UNDERPASS TO STANTON																			2015	DIST	91	RIDE	3.66	PRPI	GOOD	IRI	76																								
																			2016	DIST	89	RIDE	3.46	PRPI	GOOD	IRI	86																								
																			2017	DIST	87	RIDE	3.51	PRPI	GOOD	IRI	83																								
																			2018	DIST	92	RIDE	3.40	PRPI	GOOD	IRI	88																								
																			2019	DIST	92	RIDE	3.49	PRPI	GOOD	IRI	84																								
																			2020	DIST	92	RIDE	3.23	PRPI	GOOD	IRI	97																								
																			2021	DIST	91	RIDE	3.17	PRPI	GOOD	IRI	99																								
																			2022	DIST	91	RIDE	2.77	PRPI	FAIR	IRI	119																								
																			2023	DIST	93	RIDE	2.85	PRPI	FAIR	IRI	115																								
																			2024	DIST	92	RIDE	2.53	PRPI	POOR	IRI	131																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	TC	BC	RW	BP	RT
111	2.87	91	0.09	114.00	FAIR	N/A	N/A	3	0	2	3	0	0	0	0	0
112	2.18	92	0.09	149.00	POOR	N/A	N/A	3	0	1	3	0	0	0	0	0
AVG	2.53	92	0.09	131.50	POOR	N/A	N/A	3	0	2	3	0	0	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	MAINTENANCE GRADE		28.0				1948					
5.0	AGGREGATE BASE		34.0				1948					
2.0	STABILIZED BASE		32.0				1948					
2.5	HOT BIT PAVEMENT		22.0		120-150		1948	25	20			
2.0	HOT BIT PAVEMENT		28.0		120-150		1984	20	20			
	CONTRACT SAND SEAL		28.0		AE-150S		1986	8				
1.5	HBP-SUPERPAVE-FAA 42	1.5	24.0	1.5	PG 58-28	SP	2006	174	20	14914		1
	FEDERAL AID CHIP SEAL		26.0		CRS2P		41	2008	45	17313		1
-.5	MICROMILL		26.0				2022	101	7	23187		1
	SLURRY SEAL		26.0				10	2022		23187		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	34	E		0.000	0.0000	18.000	0.5860	18.5900		24.5		4.7	7.0	32.0	24.5	73	318 2022	64	24	21		FLEX	ASPHT	RCL	3	2001	2017	2017	MICROSURFACI
HAZELTON E TO CO LINE																			2015	DIST 88	RIDE 3.39	PRPI	GOOD	IRI	88				
																			2016	DIST 87	RIDE 3.26	PRPI	GOOD	IRI	95				
																			2017	DIST 87	RIDE 3.67	PRPI	GOOD	IRI	76				
																			2018	DIST 97	RIDE 3.80	PRPI	GOOD	IRI	70				
																			2019	DIST 95	RIDE 3.70	PRPI	GOOD	IRI	74				
																			2020	DIST 95	RIDE 3.79	PRPI	GOOD	IRI	70				
																			2021	DIST 91	RIDE 3.55	PRPI	GOOD	IRI	81				
																			2022	DIST 93	RIDE 3.60	PRPI	GOOD	IRI	79				
																			2023	DIST 92	RIDE 3.36	PRPI	GOOD	IRI	90				
																			2024	DIST 86	RIDE 3.30	PRPI	GOOD	IRI	93				

SEALED 1959, 1973 AND 1983. 50 CU YDS OF PATCHING IN 87, 116 IN 89 AND 750 IN 1990. VERY POOR SEAL JOB IN 1991.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	AVERAGE	RIDE, DISTRESS & RUT										
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT									
0	2.64	90	0.17	125.00	POOR	N/A	N/A	3	0	1	5	0	0	0	0	0	0	0
1	3.15	85	0.12	100.00	GOOD	N/A	N/A	3	0	1	8	0	0	2	0	0	0	0
2	2.73	84	0.12	120.00	POOR	N/A	N/A	3	0	4	8	0	0	0	0	0	0	0
3	2.87	87	0.11	114.00	POOR	N/A	N/A	3	0	1	8	0	0	0	0	0	0	0
4	2.86	86	0.13	114.00	POOR	N/A	N/A	3	0	2	8	0	0	0	0	0	0	0
5	2.50	90	0.13	133.00	POOR	N/A	N/A	0	0	1	8	0	0	0	0	0	0	0
6	3.08	88	0.11	104.00	GOOD	N/A	N/A	0	0	3	8	0	0	0	0	0	0	0
7	3.38	88	0.13	89.00	GOOD	N/A	N/A	0	0	2	7	0	0	2	0	0	0	0
8	3.24	86	0.11	96.00	GOOD	N/A	N/A	3	0	1	7	0	0	2	0	0	0	0
9	3.21	87	0.11	97.00	GOOD	N/A	N/A	0	0	2	8	0	0	2	0	0	0	0
10	3.56	85	0.11	81.00	GOOD	N/A	N/A	3	0	2	7	0	0	2	0	0	0	0
11	3.62	84	0.11	78.00	GOOD	N/A	N/A	3	0	2	8	0	0	2	0	0	0	0
12	3.65	86	0.12	77.00	GOOD	N/A	N/A	3	0	1	7	0	0	2	0	0	0	0
13	3.71	85	0.15	74.00	GOOD	N/A	N/A	3	0	2	7	0	0	2	0	0	0	0
14	3.47	84	0.15	85.00	GOOD	N/A	N/A	3	0	2	8	0	0	2	0	0	0	0
15	3.73	86	0.14	73.00	GOOD	N/A	N/A	3	0	1	7	0	0	2	0	0	0	0
16	3.68	83	0.15	75.00	GOOD	N/A	N/A	3	0	4	7	0	0	2	0	0	0	0
17	3.61	82	0.15	78.00	GOOD	N/A	N/A	3	0	4	8	0	0	2	0	0	0	0
18	4.01	84	0.12	61.00	GOOD	N/A	N/A	3	0	2	8	0	0	2	0	0	0	0
AVG	3.30	86	0.13	93.37	GOOD	N/A	N/A	2	0	2	7	0	0	1	0	0	0	0

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPNTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE		
GRADE		32.0				1951	195			
5.0 AGGREGATE BASE		29.0				1958				
2.0 STABILIZED BASE		28.0				1958				
2.5 HOT BIT PAVEMENT		24.0		150-200		1958	297	20		
DISTRICT CHIP SEAL		24.0		MC-3000		1991	186			
3.0 HOT BIT PAVEMENT		24.0		PG 58-28	27	2001	1747	20	13107	1
FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2003	189		15282	1
-.8 MICROMILL		24.5				2017	792		21900	1
MICROSURFACING		24.5		AE	MC	2017		7	21900	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	34	E		18.000	0.5860	21.000	0.9600	3.3720		24.5		6.7	6.0	40.0	24.5	70	340 2022	52	24	21		FLEX	ASPHT	RCL	3	2001	2017	2017	MICROSURFACI
CO LINE E TO W OF NAPOLEON																		2015	DIST	89	RIDE	3.54	PRPI	GOOD	IRI	82			
																		2016	DIST	87	RIDE	3.42	PRPI	GOOD	IRI	87			
																		2017	DIST	87	RIDE	3.62	PRPI	GOOD	IRI	78			
																		2018	DIST	98	RIDE	3.97	PRPI	GOOD	IRI	62			
																		2019	DIST	94	RIDE	3.83	PRPI	GOOD	IRI	68			
																		2020	DIST	95	RIDE	4.08	PRPI	GOOD	IRI	57			
																		2021	DIST	92	RIDE	3.75	PRPI	GOOD	IRI	72			
																		2022	DIST	92	RIDE	3.94	PRPI	GOOD	IRI	63			
																		2023	DIST	92	RIDE	3.63	PRPI	GOOD	IRI	78			
																		2024	DIST	85	RIDE	3.85	PRPI	GOOD	IRI	68			

SEALED 1985.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
19	3.92	83	0.11	65.00	GOOD	N/A	N/A	3	0	3	8	0	0	0	2	0
20	3.78	87	0.09	71.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0	0
21	3.85	86	0.09	68.00	GOOD	N/A	N/A	3	0	2	8	0	0	0	0	0
AVG 3.85 85 0.10 68.00 GOOD N/A N/A 3 0 2 8 0 0 1 0																

9 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0 AGGREGATE BASE		40.0				1983	314				
2.0 RECYCLED HOT BIT PAVMNT		34.0				1984					
2.0 RECYCLED HOT BIT PAVMNT		27.0		200-300		1984	175	10			
DISTRICT CHIP SEAL		27.0		200-300		1985	175	20			
3.5 HOT BIT PAVEMENT		24.0		MC-3000		1991	34				
FEDERAL AID CHIP SEAL		24.0		PG 58-28	27	2001	317	20	13107		1
-.8 MICROMILL		24.0		MC-3000	43	2003	34		15282		1
MICROSURFACING		24.5		AE	MC	2017	144		21900		1
		24.5				2017		7	21900		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																						
1	34	E		21.000		0.9600	26.073		0.0000	4.1105			24.5	4.7	7.0	32.0	24.5	70	336 2022	52	24	21		FLEX	ASPHT	RCL	3	2001	2017	2017	MICROSURFACI																						
W NAPOLEON E TO JCT ND 3																				2015	DIST	86	RIDE	3.67	PRPI	GOOD	IRI	76																									
																				2016	DIST	87	RIDE	3.63	PRPI	GOOD	IRI	77																									
																				2017	DIST	86	RIDE	3.50	PRPI	GOOD	IRI	84																									
																				2018	DIST	98	RIDE	3.60	PRPI	GOOD	IRI	79																									
																				2019	DIST	96	RIDE	3.67	PRPI	GOOD	IRI	76																									
																				2020	DIST	95	RIDE	3.65	PRPI	GOOD	IRI	77																									
																				2021	DIST	94	RIDE	3.54	PRPI	GOOD	IRI	82																									
																				2022	DIST	93	RIDE	3.43	PRPI	GOOD	IRI	87																									
																				2023	DIST	93	RIDE	3.38	PRPI	GOOD	IRI	89																									
																				2024	DIST	88	RIDE	3.21	PRPI	GOOD	IRI	97																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	BC	RW	DISTRESS BP	RUT RT
22	3.87	86	0.12	67.00	GOOD	N/A	N/A	3	0	3	7	0	0	0	0
23	3.46	88	0.13	85.00	GOOD	N/A	N/A	3	0	2	6	0	0	0	0
24	2.54	87	0.15	130.00	POOR	N/A	N/A	3	0	1	6	0	0	2	0
25	2.98	89	0.16	108.00	FAIR	N/A	N/A	3	0	1	6	0	0	0	0
AVG	3.21	88	0.14	97.50	GOOD	N/A	N/A	3	0	2	6	0	0	1	0

9 OCCURS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPHTH											
COMPONENTS											
GRADE		32.0				1951	59				
5.0 AGGREGATE BASE		29.0				1952					
2.0 STABILIZED BASE		28.0				1952					
2.5 HOT BIT PAVEMENT		25.0		150-200		1952	88	20			
DISTRICT CHIP SEAL		24.0		MC-3000		1991	41				
3.0 HOT BIT PAVEMENT		24.0		PG 58-28	27	2001	386	20	13107	1	
FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2003	42		15282	1	
-.8 MICROMILL		24.5				2017	175		21900	1	
MICROSURFACING		24.5		AE	MC	2017		7	21900	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	34	E		26.073	0.0000	34.000	0.3730	8.2986	1.0	24.0	1.0	2.0	7.0	34.0	26.0	65	350	46	64	24	2014	FLEX	ASPHT	RCL	3	1961	2011	2011	F CHIP SEAL
JCT ND 3 E 8.3 MILES																	2015	DIST 90	RIDE 4.12	PRPI	GOOD	IRI	55						
ROAD IS ALL CRACKS AND THE HIGH LOAD RESTRICTION IN THE SPRING OF 1979																	2016	DIST 90	RIDE 4.10	PRPI	GOOD	IRI	56						
DID MUCH DAMAGE TO THIS SECTION. TOO DRY A MAT. SEALED 1961. SPOT																	2017	DIST 86	RIDE 4.12	PRPI	GOOD	IRI	55						
SEALED 1963, 1964 AND 1968. SEALED 1972 AND 1983.																	2018	DIST 93	RIDE 4.04	PRPI	GOOD	IRI	59						
																	2019	DIST 92	RIDE 4.13	PRPI	GOOD	IRI	55						
																	2020	DIST 92	RIDE 4.11	PRPI	GOOD	IRI	56						
																	2021	DIST 91	RIDE 4.07	PRPI	GOOD	IRI	57						
																	2022	DIST 92	RIDE 3.97	PRPI	GOOD	IRI	62						
																	2023	DIST 91	RIDE 3.94	PRPI	GOOD	IRI	63						
																	2024	DIST 87	RIDE 3.83	PRPI	GOOD	IRI	68						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RUT TC	RT BP
26	3.54	88	0.12	82.00	GOOD	N/A	N/A	3	0	1	7	0
27	4.25	87	0.12	50.00	GOOD	N/A	N/A	3	0	1	8	0
28	4.13	87	0.12	55.00	GOOD	N/A	N/A	3	0	1	8	0
29	4.21	87	0.14	52.00	GOOD	N/A	N/A	3	0	1	8	0
30	4.07	87	0.14	58.00	GOOD	N/A	N/A	3	0	1	8	0
31	3.79	87	0.13	70.00	GOOD	N/A	N/A	3	0	1	8	0
32	3.57	88	0.13	80.00	GOOD	N/A	N/A	3	0	1	7	0
33	3.46	87	0.12	86.00	GOOD	N/A	N/A	3	0	1	8	0
34	3.42	87	0.13	87.00	GOOD	N/A	N/A	3	0	1	8	0
AVG	3.83	87	0.13	68.89	GOOD	N/A	N/A	3	0	1	8	0

7 OCCURS	LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		34.0				1958	96				
5.0 AGGREGATE BASE		31.0				1961					
2.0 HOT BIT PAVEMENT		30.0		150-200		1961	107	20			
CONTRACT CHIP SEAL		26.0		MC-3000		1991	66				
DISTRICT CHIP SEAL	3.0	24.0	3.0	MC-3000	43	2003	194				
2.0 HOT BIT PAVEMENT		26.0		PG 58-28	29	2011	875	10	15900	1	
FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2014	276		18051	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	34	E		34.000	0.3730	45.208	0.0000	10.6690	1.0	24.0	1.0	2.0	7.0	34.0	26.0	51	139 2022	35	64	24	2014	FLEX	ASPHT	RCL	3	1961	2011	2011	F CHIP SEAL
8.3 MILES E JCT 3 E TO S JCT ND 30																		2015	DIST 89	RIDE 3.97	PRPI	GOOD	IRI	62					
																		2016	DIST 89	RIDE 3.95	PRPI	GOOD	IRI	63					
																		2017	DIST 86	RIDE 3.96	PRPI	GOOD	IRI	62					
																		2018	DIST 93	RIDE 3.85	PRPI	GOOD	IRI	67					
																		2019	DIST 93	RIDE 3.97	PRPI	GOOD	IRI	62					
																		2020	DIST 93	RIDE 3.86	PRPI	GOOD	IRI	67					
																		2021	DIST 90	RIDE 3.89	PRPI	GOOD	IRI	66					
																		2022	DIST 93	RIDE 3.69	PRPI	GOOD	IRI	75					
																		2023	DIST 92	RIDE 3.73	PRPI	GOOD	IRI	73					
																		2024	DIST 88	RIDE 3.56	PRPI	GOOD	IRI	81					

SEALED 1972 AND 1983. WE LOST MOST OF 1983 SAND SEAL BECAUSE OF DRY MAT. REQUIRING MORE PATCHING EVERY YEAR. MORE GRAIN BEING HAULED BECAUSE OF UNIT TRAINS AT NAPOLEON. SPRING BREAKUP IN 1987. 2011 PCN 17539 - RAMP REMOVAL, WIDENING AND TURN LANES CONSTRUCTION OF RECOVERY APPROACH STATION 2374+80.45 TO 2386+98.24

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
35	3.16	85	0.14	100.00	GOOD	N/A	N/A	3	0	1	8	0	0	2	0
36	3.51	90	0.14	83.00	GOOD	N/A	N/A	0	0	1	8	0	0	0	0
37	3.18	87	0.13	98.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0
38	3.66	88	0.13	77.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
39	3.17	90	0.13	99.00	GOOD	N/A	N/A	0	0	1	6	0	0	2	0
40	3.14	89	0.14	101.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
41	3.58	88	0.13	80.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
42	3.99	88	0.14	62.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
43	4.15	88	0.12	54.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
44	4.07	87	0.12	58.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0
45	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	3.56	88	0.13	81.20	GOOD	N/A	N/A	2	0	1	7	0	0	0	0

7 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN		
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	GRADE		32.0				1952	176				
5.0	AGGREGATE BASE		29.0				1961					
2.0	HOT BIT PAVEMENT		28.0		150-200		1961	79	20			
	CONTRACT CHIP SEAL		26.0		MC-3000		1991	87				
	DISTRICT CHIP SEAL	3.0	24.0	3.0	MC-3000	43	2003					
2.0	HOT BIT PAVEMENT		26.0		PG 58-28	29	2011	1125	10	15900	1	
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2014	355		18051	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	36	E		0.000	0.0000	23.907	0.0000	23.9121	2.5	24.0	2.5	7.3	3.0	38.0	34.0	158	403 2022	119	51	15	2022	FLEX	ASPHT	RCR	2	1974	2020	2020	F CHIP SEAL
WILTON EAST TO JCT 14 WING																													
2015 DIST 86 RIDE 3.33 PRPI FAIR IRI 92																													
2016 DIST 88 RIDE 3.24 PRPI GOOD IRI 97																													
2017 DIST 80 RIDE 2.93 PRPI GOOD IRI 112																													
2018 DIST 95 RIDE 2.94 PRPI GOOD IRI 113																													
2019 DIST 90 RIDE 2.89 PRPI POOR IRI 115																													
2020 DIST 89 RIDE 2.83 PRPI POOR IRI 119																													
2021 DIST 98 RIDE 4.13 PRPI GOOD IRI 55																													
2022 DIST 97 RIDE 3.99 PRPI GOOD IRI 61																													
2023 DIST 97 RIDE 4.02 PRPI GOOD IRI 60																													
2024 DIST 95 RIDE 3.90 PRPI GOOD IRI 65																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
0	3.48	91	0.12	84.00	GOOD	N/A	N/A	3	0	1	2	0	0	2	0	0
1	3.97	97	0.12	62.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
2	3.85	96	0.10	68.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
3	3.93	97	0.11	64.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
4	3.69	97	0.11	75.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
5	3.88	97	0.10	67.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
6	3.82	97	0.10	69.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
7	3.92	96	0.11	65.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
8	4.04	95	0.13	59.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
9	3.67	96	0.12	76.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
10	3.83	95	0.12	68.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
11	4.06	96	0.12	59.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
12	4.02	96	0.12	60.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
13	3.73	96	0.08	73.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
14	3.57	96	0.09	80.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0
15	3.88	95	0.10	67.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
16	4.10	89	0.10	56.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0	0
17	4.11	93	0.11	56.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0
18	4.11	95	0.11	56.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
19	4.04	95	0.11	59.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
20	4.11	95	0.10	56.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
21	4.00	95	0.11	61.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0
22	4.25	95	0.12	50.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0
23	3.57	95	0.14	81.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0	0
AVG	3.90	95	0.11	65.46	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	0

14 OCCURS	LSHL WDTN (IN)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		38.0				1972	382				
3.0 TRAFFIC SERVICE GRAVEL		24.0				1972					
3.0 PLANT MIX BIT BASE		34.0		SC-3000		1974					
2.0 HOT BIT PAVEMENT		24.0		SC-3000		1974	943	20			
DISTRICT CHIP SEAL		24.0		MC-3000		1993	80				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2001			13997	1	
DISTRICT CHIP SEAL	3.0	24.0	3.0	MC-3000	43	2003					
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2008	578		17349	1	
INT CONT PATCH-2.0"		25.0		PG 58-28	29	2010			18703	1	
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2014	868		19741	1	
-1.0 MILLING		24.0				2020			22217	1	
WIDENING	5.0		5.0		05	2020			22217	1	
3.0 RAP-SUPERPAVE FAA 43	2.5	24.0	2.5	PG 58S28	SP	2020	5248	10	22217	1	
FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2022	1147		23447	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
1	36	E		23.907		0.0000	37.000		0.7160	13.8017	5.0	24.0	5.0	5.3	4.0	38.0	34.0	90	307 2022	57	50	45	2024	FLEX	ASPHT	RCL	3	1975	1975	1975	F CHIP SEAL														
WING EAST TO TUTTLE																				2015	DIST	91	RIDE	4.03	PRPI	GOOD	IRI	60																	
																				2016	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	56																	
																				2017	DIST	89	RIDE	3.92	PRPI	GOOD	IRI	64																	
																				2018	DIST	95	RIDE	3.92	PRPI	GOOD	IRI	64																	
																				2019	DIST	92	RIDE	3.92	PRPI	GOOD	IRI	64																	
																				2020	DIST	91	RIDE	3.91	PRPI	GOOD	IRI	65																	
																				2021	DIST	90	RIDE	3.62	PRPI	GOOD	IRI	78																	
																				2022	DIST	91	RIDE	3.72	PRPI	GOOD	IRI	73																	
																				2023	DIST	90	RIDE	3.46	PRPI	GOOD	IRI	85																	
																				2024	DIST	91	RIDE	3.49	PRPI	GOOD	IRI	84																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
24	3.21	90	0.11	97.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0
25	3.37	91	0.11	89.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0
26	3.48	89	0.12	85.00	GOOD	N/A	N/A	3	0	2	3	0	0	2	0
27	3.35	91	0.12	91.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0
28	3.16	91	0.09	100.00	GOOD	N/A	N/A	3	0	3	2	0	0	0	0
29	3.74	92	0.11	72.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
30	3.79	91	0.09	70.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
31	2.75	91	0.14	120.00	POOR	N/A	N/A	3	0	3	2	0	0	0	0
32	3.57	90	0.09	80.00	GOOD	N/A	N/A	3	0	1	3	0	0	2	0
33	3.80	91	0.11	70.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
34	3.70	91	0.09	74.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0
35	3.69	99	0.09	75.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
36	3.80	92	0.10	70.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
37	3.46	90	0.11	85.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0
AVG	3.49	91	0.11	84.14	GOOD	N/A	N/A	3	0	2	3	0	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	BITUMINOUS BASE		38.0				1970	331				
2.0	HOT BIT PAVEMENT		34.0		SM-K		1971	196				
	CONTRACT CHIP SEAL		24.0		200-300		1975	297	20			
	INT CONT PATCH-1.25"		24.0		MC-3000		1990	109				
	INT MTCE PATCH-1.25"		24.0		120-150		1995	79				
	DISTRICT CHIP SEAL		24.0		120-150		1996	193	4			
	INT CONT PATCH-1.25"	5.0	24.0	5.0	MC-3000	43	2000	113				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	178		15365		1
	INT CONT PATCH-1.25"	5.0	24.0	5.0	PG 58-28	27	2004	286		15785		1
	DISTRICT CHIP SEAL	1.5	24.0	1.5	MC-3000	43	2006	126				
	INT CONT PATCH-2.0"		25.0		PG 58-28	29	2010			18702		1
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2015	424		20997		1
	FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2024	567		23842		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	36	E		37.000	0.7160	38.916	0.0000	1.1970	3.0	24.0	3.0	4.0	7.0	32.0	30.0	90	300 2022	57	50	50	2024	FLEX	ASPHT	RCL	3	1975	1975	1975	F CHIP SEAL				
TUTTLE TO JCT 3																		2015	DIST 82	RIDE 3.70	PRPI	GOOD	IRI 74										
																		2016	DIST 82	RIDE 3.72	PRPI	GOOD	IRI 74										
																		2017	DIST 85	RIDE 3.59	PRPI	GOOD	IRI 79										
																		2018	DIST 94	RIDE 3.65	PRPI	GOOD	IRI 77										
																		2019	DIST 91	RIDE 3.66	PRPI	GOOD	IRI 77										
																		2020	DIST 91	RIDE 3.57	PRPI	GOOD	IRI 80										
																		2021	DIST 89	RIDE 3.34	PRPI	GOOD	IRI 91										
																		2022	DIST 89	RIDE 3.37	PRPI	GOOD	IRI 89										
																		2023	DIST 91	RIDE 3.41	PRPI	GOOD	IRI 88										
																		2024	DIST 91	RIDE 3.07	PRPI	GOOD	IRI 104										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
38	3.07	91	0.09	104.00	GOOD	N/A	N/A	3	0	2	3	0	0
AVG	3.07	91	0.09	104.00	GOOD	N/A	N/A	3	0	2	3	0	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		32.0				1958					
7.0	EMULSIFIED BASE		28.0		SS-1		1959					
2.0	HOT BIT PAVEMENT		24.0		150-200		1959	31	20			
2.0	HOT BIT PAVEMENT		24.0		200-300		1975	30	20			
	CONTRACT CHIP SEAL		24.0		MC-3000		1990	9				
	INT CONT PATCH-1.25"		24.0		120-150		1995	46				
	DISTRICT CHIP SEAL	2.0	24.0	2.0	MC-3000	43	2000	10				
	INT CONT PATCH-1.25"	3.0	24.0	3.0	PG 58-28	27	2004	44		15785		1
	DISTRICT CHIP SEAL	1.5	24.0	1.5	MC-3000	43	2006	11				
	INT CONT PATCH-2.0"		25.0		PG 58-28	29	2010			18702		1
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2015	37		20997		1
	FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2024	49		23842		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
1	36	E		38.916	0.0000	48.000	0.1160	9.2017	5.0	24.0	5.0	5.0	3.0	38.0	34.0	44	215 2022	27	3	3		FLEX	ASPHT	RCL	3	2022	2022	2022	RAP-FAA 42																			
JCT 3-TUTTLE E TO ROBINSON																			2015	DIST	89	RIDE	3.86	PRPI	GOOD	IRI	67																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& TC	RUT BC	BP	RT
39	4.53	90	0.10	38.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
40	4.56	91	0.10	36.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
41	4.51	90	0.09	39.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
42	4.62	90	0.10	33.00	EXCL	N/A	N/A	3	0	1	5	0	0	0
43	4.54	89	0.09	37.00	GOOD	N/A	N/A	3	0	1	6	0	0	0
44	4.55	89	0.09	37.00	GOOD	N/A	N/A	3	0	1	6	0	0	0
45	4.39	89	0.10	44.00	GOOD	N/A	N/A	3	0	2	5	0	0	0
46	4.37	84	0.09	45.00	GOOD	N/A	N/A	3	0	4	8	0	0	0
47	4.33	87	0.10	47.00	GOOD	N/A	N/A	3	0	2	7	0	0	0
48	4.06	88	0.12	59.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
AVG	4.45	89	0.10	41.50	GOOD	N/A	N/A	3	0	2	6	0	0	0

9 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DEPTH (IN)	38.0	34.0	24.0	200-300		1971	347				
COMPONENTS											
GRADE											
3.0 PLANT MIX BIT BASE				200-300		1973					
2.0 HOT BIT PAVEMENT				200-300		1973	359	20			
CONTRACT CHIP SEAL				HFMS-2		1988	77				
DISTRICT CHIP SEAL	5.0	24.0	5.0	MC-3000	43	2000	76				
2.0 HBP-SUPERPAVE-FAA 40				PG 58-28	SP	2007	1028	20	15049	1	
SLURRY SEAL				CRS2P	SS	2010	325		17681	1	
-1.0 MILLING						2022			23188	1	
2.0 RAP-SUPERPAVE FAA 42				PG 58S28	SP	2022	12512	72	23188	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	36	E		48.000	0.1160	53.000	0.0000	4.8817	5.0	24.0	5.0	6.0	2.0	38.0	34.0	45	234 2022	27	18	16		FLEX	ASPHT	RCL	3	2007	2022	2022	RAP-FAA 42					
ROBINSON E TO 3MI W OF LAKE WILLIAMS																		2015	DIST 87	RIDE 3.57	PRPI	GOOD	IRI 80											
																		2016	DIST 89	RIDE 3.68	PRPI	GOOD	IRI 75											
																		2017	DIST 86	RIDE 3.39	PRPI	GOOD	IRI 89											
																		2018	DIST 93	RIDE 3.37	PRPI	GOOD	IRI 90											
																		2019	DIST 91	RIDE 3.30	PRPI	GOOD	IRI 93											
																		2020	DIST 88	RIDE 3.23	PRPI	GOOD	IRI 96											
																		2021	DIST 90	RIDE 3.09	PRPI	GOOD	IRI 103											
																		2022	DIST 99	RIDE 4.27	PRPI	GOOD	IRI 49											
																		2023	DIST 97	RIDE 4.34	PRPI	GOOD	IRI 46											
																		2024	DIST 88	RIDE 4.17	PRPI	GOOD	IRI 53											

1997 RIPRAP PLACED AT ROUND LAKE AT THE KIDDER/STUTSMAN COUNTY LINE.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
49	3.94	88	0.13	63.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
50	3.98	88	0.12	62.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
51	4.27	87	0.11	49.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0
52	4.49	87	0.11	40.00	GOOD	N/A	N/A	3	0	2	7	0	0	0	0
AVG	4.17	88	0.12	53.50	GOOD	N/A	N/A	3	0	1	7	0	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
2.0	GRADE		38.0				1973	199				
2.0	AGGREGATE BASE		36.0				1973					
3.0	HOT BIT PAVEMENT		35.0		SC-3000		1974		20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1988	41				
	INT CONT PATCH-1.25" RIPRAP		24.0		120-150		1995	24				
							1997	32		11623		1
2.0	HBP-SUPERPAVE-FAA 40		24.0		PG 58-28	SP	2007	545	20	15049		1
	SLURRY SEAL		24.0		CRS2P	SS	2010	172		17681		1
-1.0	MILLING		24.0				2022			23188		1
2.0	RAP-SUPERPAVE FAA 42		24.0		PG 58S28	SP	2022	664	7	23188		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	36	E		53.000	0.0000	62.000	0.2070	9.2032	5.0	24.0	5.0	6.0	2.0	38.0	34.0	78	262 2022	51	51	16		FLEX	ASPHT	RCL	3	1974	2005	2022	RAP-FAA 42
3 MI W OF LAKE WILLIAMS TO CNTY LINE																		2015	DIST 89	RIDE 3.83	PRPI	FAIR	IRI 68						
1997 RIPRAP PLACED AT ROUND LAKE AT THE KIDDER/STUTSMAN COUNTY LINE.																		2016	DIST 87	RIDE 3.88	PRPI	GOOD	IRI 66						
2020 - PCN 22916 INTERMITTENT PATCHING RP 53.7 TO 54.3																		2017	DIST 86	RIDE 3.74	PRPI	GOOD	IRI 72						
																		2018	DIST 93	RIDE 3.73	PRPI	GOOD	IRI 72						
																		2019	DIST 91	RIDE 3.77	PRPI	GOOD	IRI 71						
																		2020	DIST 90	RIDE 3.68	PRPI	GOOD	IRI 75						
																		2021	DIST 90	RIDE 3.63	PRPI	GOOD	IRI 78						
																		2022	DIST 98	RIDE 4.41	PRPI	GOOD	IRI 43						
																		2023	DIST 94	RIDE 4.56	PRPI	GOOD	IRI 36						
																		2024	DIST 87	RIDE 4.47	PRPI	GOOD	IRI 40						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
53	4.45	88	0.12	41.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
54	4.55	88	0.13	36.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
55	4.47	87	0.08	40.00	GOOD	N/A	N/A	3	0	2	7	0	0	0
56	4.45	88	0.08	41.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
57	4.45	86	0.09	41.00	GOOD	N/A	N/A	3	0	2	8	0	0	0
58	4.43	86	0.10	42.00	GOOD	N/A	N/A	3	0	2	8	0	0	0
59	4.50	86	0.10	39.00	GOOD	N/A	N/A	3	0	2	8	0	0	0
60	4.55	86	0.10	37.00	GOOD	N/A	N/A	3	0	2	8	0	0	0
61	4.56	85	0.10	36.00	GOOD	N/A	N/A	3	0	3	8	0	0	0
62	4.28	89	0.08	48.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
AVG 4.47 87 0.10 40.10 GOOD N/A N/A 3 0 2 7 0 0 0 0														

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1973	374				
2.0	AGGREGATE BASE		36.0				1973					
3.0	HOT BIT PAVEMENT		35.0		SC-3000		1974		20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1988	76				
	INT CONT PATCH-1.25"		24.0		120-150		1995	44				
	RIPRAP						1997	60		11623	1	
2.0	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2005	710	10	15050	1	
	SLURRY SEAL		30.0		CRS2P	SS	2010	325		17681	1	
-1.0	MILLING		31.0				2022			23188	1	
2.0	RAP-SUPERPAVE FAA 42		30.0		PG 58S28	SP	2022	1251	7	23188	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB												
1	41	N		0.000	0.0000		12.000	0.0000		12.3361	5.0	24.0	5.0	4.0	7.0	38.0	34.0	117	778 2023	76	64	24	2024	FLEX	ASPHT	RCL	3	1961	2014	2014	C CHIP SEAL												
WILTON N TO RPT 12																				2015	DIST 89	RIDE 4.12	PRPI	GOOD	IRI 55																		
																				2016	DIST 89	RIDE 4.23	PRPI	GOOD	IRI 50																		
																				2017	DIST 86	RIDE 3.99	PRPI	GOOD	IRI 61																		
																				2018	DIST 98	RIDE 4.03	PRPI	GOOD	IRI 59																		
																				2019	DIST 96	RIDE 4.05	PRPI	GOOD	IRI 58																		
																				2020	DIST 96	RIDE 4.05	PRPI	GOOD	IRI 58																		
																				2021	DIST 93	RIDE 3.82	PRPI	GOOD	IRI 69																		
																				2022	DIST 94	RIDE 3.87	PRPI	GOOD	IRI 66																		
																				2023	DIST 90	RIDE 3.62	PRPI	GOOD	IRI 78																		
																				2024	DIST 94	RIDE 3.65	PRPI	GOOD	IRI 76																		

SOME ROUGH AREAS. SEALED 1961, 1969, 1979 AND 1987. WEAK AREAS ARE SHOWING UP. SPRING BREAKUP IN OUTSIDE WHEEL TRACKS IN SOUTHBOUND LANE-1984. CONSIDERABLE PATCHING IN 1986 AND 2,803 CU YDS IN 1987. A LOT OF FROST HEAVING IN NORTH END. CRACKS SETTling CAUSING ROUGH RIDE.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT															
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT						
0	3.05	91	0.10	105.00	GOOD	N/A	N/A	3	0	1	2	0	0	2	0						
1	3.61	93	0.11	78.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0						
2	3.91	92	0.12	65.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0						
3	3.71	93	0.11	74.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0						
4	3.68	96	0.10	75.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0						
5	3.90	95	0.10	66.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0						
6	3.42	95	0.13	88.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0						
7	3.48	91	0.14	85.00	GOOD	N/A	N/A	3	0	0	3	0	0	2	0						
8	3.94	93	0.12	63.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0						
9	3.60	96	0.13	79.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0						
10	3.71	93	0.11	74.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0						
11	3.82	96	0.10	69.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0						
AVG	3.65	94	0.11	76.75	GOOD	N/A	N/A	2	0	0	3	0	0	0	0						

12 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN		
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	GRADE		38.0				1959	188				
3.5	AGGREGATE BASE		36.0				1961					
3.5	EMULSIFIED BASE		34.0		SS-1		1961					
2.0	HOT BIT PAVEMENT		24.0		120-150		1961	217	20			
	INT MTCE PATCH-1.25"		24.0		SC-800		1994	113				
	DISTRICT CHIP SEAL		24.0		MC-3000		1994	72				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	226		15382	1	
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2006			16602	1	
	DISTRICT CHIP SEAL	3.0	26.0	3.0	MC-3000	43	2007	177				
2.0	HBP-SUPERPAVE-FAA 42		25.0		PG 58-28	SP	2014	761	7	20592	1	
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2015	379		21076	1	
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2024	573		23840	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	41	N		12.000	0.0000	24.995	0.0000	12.9869	5.0	24.0	5.0	4.0	7.0	38.0	34.0	106	527 2023	66	64	24	2024	FLEX	ASPHT	RCL	3	1961	2014	2014	C CHIP SEAL
RPT 12 TO ND 200 MERCER																		2015	DIST	91	RIDE	4.24	PRPI	GOOD	IRI	50			
SOME ROUGH AREAS. SEALED 1961, 1969, 1979 AND 1987. WEAK AREAS ARE SHOWING UP. SPRING BREAKUP IN OUTSIDE WHEEL TRACKS IN SOUTHBOUND LANE-1984. CONSIDERABLE PATCHING IN 1986 AND 2,803 CU YDS IN 1987. A LOT OF FROST HEAVING IN NORTH END. CRACKS SETTling CAUSING ROUGH RIDE.																		2016	DIST	88	RIDE	4.21	PRPI	GOOD	IRI	51			
																		2017	DIST	85	RIDE	4.16	PRPI	GOOD	IRI	53			
																		2018	DIST	97	RIDE	4.06	PRPI	GOOD	IRI	58			
																		2019	DIST	96	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2020	DIST	95	RIDE	4.15	PRPI	GOOD	IRI	54			
																		2021	DIST	93	RIDE	4.05	PRPI	GOOD	IRI	58			
																		2022	DIST	93	RIDE	3.99	PRPI	GOOD	IRI	61			
																		2023	DIST	93	RIDE	3.97	PRPI	GOOD	IRI	62			
																		2024	DIST	93	RIDE	3.83	PRPI	GOOD	IRI	68			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT						
12	3.57	94	0.11	81.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
13	3.68	94	0.11	76.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0
14	3.82	95	0.10	69.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0
15	3.87	89	0.10	67.00	GOOD	N/A	N/A	3	0	2	3	0	0	2	0
16	3.53	93	0.11	82.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
17	3.88	92	0.11	66.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
18	4.17	95	0.12	54.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0
19	3.81	94	0.12	70.00	GOOD	N/A	N/A	0	0	0	3	0	0	2	0
20	3.80	93	0.14	70.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
21	3.98	92	0.14	62.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
22	4.00	92	0.14	61.00	GOOD	N/A	N/A	0	0	3	4	0	0	0	0
23	3.84	88	0.13	68.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	0
24	3.84	92	0.13	68.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
AVG	3.83	93	0.12	68.77	GOOD	N/A	N/A	2	0	1	3	0	0	0	0

11 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1959	198				
	3.5	AGGREGATE BASE		36.0				1961					
	3.5	EMULSIFIED BASE		34.0		SS-1		1961					
	2.0	HOT BIT PAVEMENT		24.0		120-150		1961	229	20			
		INT MTCE PATCH-1.25"		24.0		SC-800		1994	119				
		DISTRICT CHIP SEAL		24.0		MC-3000		1994	75				
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	238		15382	1	
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	2006			16602	1	
		DISTRICT CHIP SEAL	3.0	26.0	3.0	MC-3000	43	2007	186				
	2.0	HBP-SUPERPAVE-FAA 42 CONTRACT CHIP SEAL		25.0		PG 58-28	SP	2014	801	7	20592	1	
				25.0		CRS2P	41	2024	604		23840	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	41	N		32.995	0.0000	35.000	0.3560	2.3562	6.0	24.0	6.0	5.5	6.0	48.0	36.0	120	960 2023	67	35	21	2024	FLEX	ASPHT	RCR	3	1990	2014	2014	C CHIP SEAL				
JCT 200 N TO TURTLE LAKE																		2015	DIST	86	RIDE	3.99	PRPI	GOOD	IRI	61							
																		2016	DIST	92	RIDE	3.90	PRPI	GOOD	IRI	65							
																		2017	DIST	92	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2018	DIST	96	RIDE	3.72	PRPI	GOOD	IRI	73							
																		2019	DIST	95	RIDE	3.80	PRPI	GOOD	IRI	69							
																		2020	DIST	95	RIDE	3.76	PRPI	GOOD	IRI	71							
																		2021	DIST	95	RIDE	3.70	PRPI	GOOD	IRI	74							
																		2022	DIST	94	RIDE	3.64	PRPI	GOOD	IRI	77							
																		2023	DIST	96	RIDE	3.63	PRPI	GOOD	IRI	77							
																		2024	DIST	96	RIDE	3.47	PRPI	GOOD	IRI	84							

2017 PCN 21899 - SHOULDERS HAVE SEAL COAT APPLIED NO COVER COAT.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
32	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	3.41	97	0.08	88.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
34	3.63	97	0.07	77.00	GOOD	N/A	N/A	0	0	1	1	0	0	0	0
35	3.37	94	0.11	89.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0
AVG	3.47	96	0.09	84.67	GOOD	N/A	N/A	1	0	0	2	0	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		48.0				1989	289				
3.5	RECYCLED HOT BIT PAVMNT		43.0		200-300		1989					
3.5	SALVAGED AGGR BASE	4.5	27.0	4.5			1990	179	20			
	CONTRACT CHIP SEAL		27.0		HFMS-2		1991	19				
	CONTRACT CHIP SEAL		27.0		MC-3000	43	1997	27		1478	1	
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2004	18				
2.0	HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2014	301	10	20206	1	
	FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2017	53		21899	1	
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2024	110		23841	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																							
1	48	N		0.000	0.0000	9.261	0.0000	9.2514		24.0		4.0	4.0	38.0	24.0	51	614 2022	28	55	19	2023	FLEX	ASPHT	RCL	3	1970	2016	2016	F CHIP SEAL																							
CENTER N TO JCT 200																		2015	DIST	81	RIDE	2.88	PRPI	GOOD	IRI	115																										
2010 PCN 18695 - CHIP SEAL COMPLETED IN THE CITY OF CENTER																		2016	DIST	84	RIDE	2.91	PRPI	GOOD	IRI	112																										
																		2017	DIST	93	RIDE	4.02	PRPI	GOOD	IRI	60																										
																		2018	DIST	97	RIDE	3.88	PRPI	GOOD	IRI	66																										
																		2019	DIST	96	RIDE	3.99	PRPI	GOOD	IRI	61																										
																		2020	DIST	96	RIDE	3.92	PRPI	GOOD	IRI	64																										
																		2021	DIST	96	RIDE	3.85	PRPI	GOOD	IRI	68																										
																		2022	DIST	95	RIDE	3.77	PRPI	GOOD	IRI	71																										
																		2023	DIST	95	RIDE	3.73	PRPI	GOOD	IRI	73																										
																		2024	DIST	95	RIDE	3.68	PRPI	GOOD	IRI	75																										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RUT, BC	RT, RW	RT, BP	RT, RT
0	3.14	88	0.09	100.00	GOOD	N/A	N/A	3	0	3	3	0	0	2	0
1	3.96	92	0.09	63.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
2	3.89	92	0.09	66.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
3	3.80	97	0.09	70.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
4	3.53	97	0.09	83.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
5	3.90	95	0.09	65.00	GOOD	N/A	N/A	0	0	1	3	0	0	0	0
6	3.98	96	0.09	62.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
7	3.77	97	0.10	72.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0
8	3.93	96	0.09	64.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
9	2.86	97	0.12	114.00	FAIR	N/A	N/A	0	0	0	2	0	0	0	0
AVG	3.68	95	0.09	75.90	GOOD	N/A	N/A	1	0	1	3	0	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1969	252				
4.0	BITUMINOUS BASE		34.0		SM-K		1970					
2.0	HOT BIT PAVEMENT		24.0		SC-3000		1970	265	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1990	83				
	INT CONT PATCH-1.25"		25.0		120-150	27	1997	159		1482	1	
	MAINTENANCE GRAVEL SEAL	5.0	24.0	5.0	MC-3000	43	1998	46				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2005			15646	1	
	DISTRICT CHIP SEAL	2.0	24.0	2.0	MC-3000	43	2006	109				
2.0	HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2016		10	16826	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2017	249		21798	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	11	2023	477		23838	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	49	N		36.331	0.0000		48.000	0.5310		12.2036		24.0		6.0	7.0	34.0	24.0	96	476 2022	61	67	26	2013	FLEX	ASPHT	RCR	2	1958	1997	2009	F CHIP SEAL
ELGIN N TO HEART BUTTE DAM																															
2015 DIST 90 RIDE 3.39 PRPI GOOD IRI 89																															
2016 DIST 88 RIDE 3.15 PRPI FAIR IRI 100																															
2017 DIST 85 RIDE 3.09 PRPI FAIR IRI 103																															
2018 DIST 93 RIDE 2.88 PRPI FAIR IRI 114																															
2019 DIST 91 RIDE 3.06 PRPI FAIR IRI 105																															
2020 DIST 89 RIDE 2.67 PRPI POOR IRI 125																															
2021 DIST 89 RIDE 2.71 PRPI POOR IRI 123																															
2022 DIST 88 RIDE 2.36 PRPI POOR IRI 143																															
2023 DIST 89 RIDE 2.31 PRPI POOR IRI 145																															
2024 DIST 85 RIDE 2.09 PRPI POOR IRI 160																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																										
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																							
36	2.17	90	0.17	150.00	POOR	N/A	N/A	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
37	1.99	84	0.12	160.00	POOR	N/A	N/A	3	0	4	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
38	1.08	85	0.15	226.00	POOR	N/A	N/A	3	0	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39	1.54	86	0.15	189.00	POOR	N/A	N/A	3	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40	1.29	82	0.15	207.00	POOR	N/A	N/A	3	0	5	7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
41	3.43	86	0.14	87.00	GOOD	N/A	N/A	3	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
42	2.79	84	0.16	117.00	FAIR	N/A	N/A	3	0	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	3.36	86	0.16	90.00	GOOD	N/A	N/A	3	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	3.16	86	0.16	99.00	FAIR	N/A	N/A	3	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45	1.82	87	0.16	171.00	POOR	N/A	N/A	3	0	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
46	1.38	84	0.16	201.00	POOR	N/A	N/A	3	0	4	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
47	1.07	80	0.18	227.00	POOR	N/A	N/A	3	0	4	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
48	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG		2.09	85	0.16	160.33	POOR	N/A	N/A	3	0	4	6	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

9 OCCURS		LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		34.0					1955	158				
7.0 EMULSIFIED BASE			30.0		SS-1		1958					
2.0 HOT BIT PAVEMENT			24.0		150-200		1958	248	20			
2.0 HOT BIT PAVEMENT			27.0		120-150		1983	857	7			
CONTRACT CHIP SEAL			27.0		MC-3000		1992	92				
INT CONT PATCH-1.25"			24.0		120-150	27	1997	230	10	1592	1	
CONTRACT CHIP SEAL			24.0		MC-3000	43	1998	109		12057	1	
2.0 HOT BIT PAVEMENT			25.0		PG 58-28	27	2009	1181	10	16343	1	
FEDERAL AID CHIP SEAL			25.0		CRS2P	41	2013	402		18840	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	49	N		48.000	0.5310	55.000	0.2330	6.6872	4.0	24.0	4.0	8.0	7.0	42.9	28.0	99	480 2022	64	67	11		FLEX	ASPHT	RCR	2	1958	2009	2024	RAP-FAA 42																																																																														
HEART BUTTE DAM N & S																		2015	DIST	90	RIDE	3.42	PRPI	GOOD	IRI	87	2016	DIST	88	RIDE	3.35	PRPI	GOOD	IRI	90	2017	DIST	86	RIDE	3.14	PRPI	FAIR	IRI	101	2018	DIST	93	RIDE	3.16	PRPI	FAIR	IRI	100	2019	DIST	92	RIDE	3.15	PRPI	FAIR	IRI	100	2020	DIST	89	RIDE	3.00	PRPI	FAIR	IRI	107	2021	DIST	89	RIDE	2.87	PRPI	FAIR	IRI	113	2022	DIST	89	RIDE	2.69	PRPI	POOR	IRI	123	2023	DIST	91	RIDE	2.63	PRPI	POOR	IRI	126	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
PCN 13255--GUARDRAIL--HEART BUTTE DAM EMBANKMENT--RP 50.495.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT
									BLD LC TC BC RW BP RT
49	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADE		38.0				1958	100				
7.0 EMULSIFIED BASE		34.0		SS-1		1958					
2.0 HOT BIT PAVEMENT		24.0		150-200		1958	134	20			
2.0 HOT BIT PAVEMENT		27.0		120-150		1983	470	10			
CONTRACT CHIP SEAL		27.0		MC-3000		1992	50				
INT MTCE PATCH-1.5"		27.0		120-150		1996	675				
INT CONT PATCH-1.25"		24.0		120-150	27	1997	126	10	1592	1	
CONTRACT CHIP SEAL		24.0		MC-3000	43	1998	60		12057	1	
SAFETY PROJECT						1999	232		13255	1	
2.0 HOT BIT PAVEMENT		25.0		PG 58-28	27	2009	649	10	16847	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2013	220		18840	1	
CONTRACT CHIP SEAL		28.0		CRS2P	41	2021	215		23136	1	
-1.0 MILLING		28.8				2024			24116	1	
12.0 WIDENING		7.4	7.4		05	2024			24116	1	
3.0 RAP-SUPERPAVE FAA 42		4.0	24.0	4.0	PG58S-34	SP	2024	7166	10	24116	1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	49	N		55.000	0.2330	67.000	0.7100	12.4742	3.0	24.0	3.0	8.0	7.0	40.9	30.0	106	556 2022	67	67	11		FLEX	ASPHT	RCR	2	1958	2009	2024	RAP-FAA 42				
N HEART BUTTE DAM TO GLEN ULLIN BP																		2015	DIST	88	RIDE	3.33	PRPI	GOOD	IRI	92							
PCN 22315 RP 63.156 TO 63.241 2020 SLOPE STABILIZATION AND ROADWAY RECONSTRUCTION																		2016	DIST	88	RIDE	3.07	PRPI	FAIR	IRI	104							
																		2017	DIST	85	RIDE	2.93	PRPI	FAIR	IRI	111							
																		2018	DIST	93	RIDE	2.87	PRPI	FAIR	IRI	114							
																		2019	DIST	92	RIDE	2.94	PRPI	FAIR	IRI	110							
																		2020	DIST	89	RIDE	2.59	PRPI	POOR	IRI	128							
																		2021	DIST	89	RIDE	2.61	PRPI	POOR	IRI	127							
																		2022	DIST	89	RIDE	2.27	PRPI	POOR	IRI	145							
																		2023	DIST	90	RIDE	2.17	PRPI	POOR	IRI	151							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT											
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT		
56	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
57	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
58	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
59	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
60	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
61	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
62	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
63	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
64	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
65	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
66	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
67	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

13 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	(FT)	(FT)	(FT)								
GRADE	34.0					1956	234				
7.0 EMULSIFIED BASE	34.0			SS-1		1958					
2.0 HOT BIT PAVEMENT	24.0			150-200		1958	250	20			
2.0 HOT BIT PAVEMENT	27.0			120-150		1983		6			
CONTRACT CHIP SEAL	27.0			MC-3000		1992	94				
INT CONT PATCH-1.25"	24.0			120-150	27	1997	235	10	1592	1	
CONTRACT CHIP SEAL	24.0			MC-3000	43	1998	112		12057	1	
2.0 HOT BIT PAVEMENT	25.0			PG 58-28	27	2009	1210	10	16847	1	
FEDERAL AID CHIP SEAL	25.0			CRS2P	41	2013	410		18840	1	
CONTRACT CHIP SEAL	24.5			CRS2P	41	2021	400		23136	1	
-1.0 MILLING	25.2					2024			24116	1	
12.0 WIDENING	5.4		5.4		05	2024			24116	1	
3.0 RAP-SUPERPAVE FAA 42	3.0	24.0	3.0	PG58S-34	SP	2024	4496	10	24116	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	49	N		67.000	0.7100	69.000	0.5000	1.7946	1.5	24.0	1.5	8.5	10.5	42.0	27.0	97	678 2022	61	42	18	2019	FLEX	ASPHT	RCR	2	1983	2007	2017	F CHIP SEAL																																																
GLEN ULLIN BYPASS E TO GLEN ULLIN																		2015	DIST 84	RIDE 2.99	PRPI	FAIR	IRI 108	2016	DIST 82	RIDE 2.32	PRPI	POOR	IRI 142	2017	DIST 82	RIDE 2.36	PRPI	POOR	IRI 139	2018	DIST 98	RIDE 4.06	PRPI	GOOD	IRI 58	2019	DIST 96	RIDE 3.93	PRPI	GOOD	IRI 64	2020	DIST 96	RIDE 3.97	PRPI	GOOD	IRI 63	2021	DIST 95	RIDE 3.80	PRPI	GOOD	IRI 70	2022	DIST 96	RIDE 3.80	PRPI	GOOD	IRI 70	2023	DIST 94	RIDE 3.68	PRPI	GOOD	IRI 76	2024	DIST 92	RIDE 3.68	PRPI	GOOD	IRI 75

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
68	3.70	87	0.18	75.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
69	3.66	97	0.14	76.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
AVG	3.68	92	0.16	75.50	GOOD	N/A	N/A	2	0	1	2	0	0	3

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		42.0				1945	55				
3.5	AGGREGATE BASE		26.0				1945					
7.0	STABILIZED BASE		38.0				1945					
2.0	COLD BITUMINOUS PAVEMENT		22.0		MC-5		1945	59	20			
2.0	HOT BIT PAVEMENT		27.0		120-150		1983	126	20			
	CONTRACT CHIP SEAL		27.0		MC-3000		1992	13				
	INT CONT PATCH-1.25"		24.0		120-150	27	1997	34	12	1592		1
	CONTRACT CHIP SEAL		24.0		MC-3000	43	1998	16		12057		1
1.5	HOT BIT PAVEMENT	1.5	24.0	1.5	PG 58-28	29	2007	149	7	59		1
	FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2010	58		18046		1
6.0	AGGREGATE BASE		1.0	1.0		05	2017	917		20677		1
3.0	HBP-SUPERPAVE-FAA 45	1.5	24.0	1.5	PG 58-28	SP	2017		10	20677		1
	FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2019	72		22362		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	49	N		69.000	0.5000	70.000	0.8560	1.3496	2.0	24.0	2.0	8.0	13.0	43.0	28.0	90	797 2022	61	47	18	2019	FLEX	ASPHT	RCR	2	1978	2007	2017	F CHIP SEAL				
GLEN ULLIN TO E JCT OLD 10																		2015	DIST	82	RIDE	3.17	PRPI	FAIR	IRI	99							
																		2016	DIST	86	RIDE	2.62	PRPI	POOR	IRI	126							
																		2017	DIST	86	RIDE	2.67	PRPI	POOR	IRI	124							
																		2018	DIST	98	RIDE	4.09	PRPI	GOOD	IRI	57							
																		2019	DIST	97	RIDE	3.73	PRPI	GOOD	IRI	73							
																		2020	DIST	97	RIDE	3.92	PRPI	GOOD	IRI	65							
																		2021	DIST	89	RIDE	3.62	PRPI	GOOD	IRI	78							
																		2022	DIST	97	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2023	DIST	89	RIDE	3.50	PRPI	GOOD	IRI	83							
																		2024	DIST	96	RIDE	3.66	PRPI	GOOD	IRI	77							

1996 PATCH-1 LOCATION-1.279 MILES.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
70	3.66	96	0.15	77.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0
AVG	3.66	96	0.15	77.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0

16 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1937					
	4.5	STABILIZED BASE		27.0				1937					
	1.5	COLD BITUMINOUS PAVEMENT		22.0		RUBRIZD		1937					
	7.0	STABILIZED BASE		32.0				1945					
	2.0	COLD BITUMINOUS PAVEMENT		22.0		MC-5		1945	22	20			
	1.5	HOT BIT PAVEMENT		24.0		120-150		1978	38	20			
		DRIVE SLOPE FLATTENING						1985					
		CONTRACT CHIP SEAL		24.0		HFMS-2		1989	9				
		INT CONT PATCH-1.25"		24.0		120-150		1996	42				
		CONTRACT CHIP SEAL		24.0		MC-3000	43	1998	12		12057		1
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	29	2007	112	7	59		1
		FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2010	43		18046		1
		WIDENING	2.5		2.5			2017	640		20677		1
	18.0	AGGREGATE BASE	2.5		2.5		05	2017			20677		1
	3.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	2.0	PG 58-28	SP	2017		10	20677		1
		FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2019	54		22362		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	49	N		70.000	0.8560	73.943	0.0000	3.0753	1.5	24.0	1.5	3.0	7.0	38.0	27.0	124	637 2022	89	47	18	2019	FLEX	ASPHT	RCR	2	1978	2007	2017	F CHIP SEAL				
JCT OLD 10 N TO I-94 INTERCHANGE																		2015	DIST	81	RIDE	2.42	PRPI	POOR	IRI	136							
																		2016	DIST	86	RIDE	2.42	PRPI	POOR	IRI	136							
																		2017	DIST	80	RIDE	1.92	PRPI	POOR	IRI	165							
																		2018	DIST	98	RIDE	4.02	PRPI	GOOD	IRI	60							
																		2019	DIST	97	RIDE	3.94	PRPI	GOOD	IRI	64							
																		2020	DIST	95	RIDE	3.93	PRPI	GOOD	IRI	64							
																		2021	DIST	92	RIDE	3.73	PRPI	GOOD	IRI	73							
																		2022	DIST	90	RIDE	3.73	PRPI	GOOD	IRI	73							
																		2023	DIST	92	RIDE	3.53	PRPI	GOOD	IRI	82							
																		2024	DIST	85	RIDE	3.47	PRPI	GOOD	IRI	85							

1996 PATCH-7 LOCATIONS-9.747 MILES

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
71	3.58	89	0.19	80.00	GOOD	N/A	N/A	0	0	0	4	0	0	6
72	3.66	85	0.20	77.00	GOOD	N/A	N/A	0	0	6	0	0	2	6
73	3.17	82	0.21	99.00	GOOD	N/A	N/A	3	0	1	5	0	0	6
AVG	3.47	85	0.20	85.33	GOOD	N/A	N/A	1	0	5	0	0	1	6

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1959	57				
	3.5	AGGREGATE BASE		36.0				1959					
	3.5	EMULSIFIED BASE		34.0		SS-1		1959	48				
	1.5	HOT BIT PAVEMENT		24.0		120-150		1978	87	20			
		DRIVE SLOPE FLATTENING						1985					
		CONTRACT CHIP SEAL		24.0		HFMS-2		1989	24				
		INT CONT PATCH-1.25"		24.0		120-150		1996	83	4			
		CONTRACT CHIP SEAL		24.0		MC-3000	43	1998	28		12057		1
	1.5	HOT BIT PAVEMENT	1.5	24.0	1.5	PG 58-28	29	2007	255	7		59	1
		FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2010	99			18046	1
	3.0	AGGREGATE BASE	1.0		1.0		05	2017	1635			20677	1
	3.0	HBP-SUPERPAVE-FAA 45	1.5	24.0	1.5	PG 58-28	SP	2017		10		20677	1
		FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2019	120			22362	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	49	N		73.943	0.0000	82.000	0.3320	8.3957	6.0	24.0	6.0	7.0	7.0	46.0	36.0	260	1597 2023	133	8	8	2019	FLEX	ASPHT	RSC	2	2017	2017	2017	F CHIP SEAL				
I-94 INTERCHANGE N TO MORTON CO LN																		2015	DIST	83	RIDE	2.31	PRPI	POOR	IRI	147							
																		2016	DIST	82	RIDE	2.65	PRPI	POOR	IRI	129							
																		2017	DIST	80	RIDE	1.86	PRPI	POOR	IRI	169							
																		2018	DIST	97	RIDE	4.19	PRPI	GOOD	IRI	52							
																		2019	DIST	98	RIDE	4.14	PRPI	GOOD	IRI	54							
																		2020	DIST	94	RIDE	4.20	PRPI	GOOD	IRI	52							
																		2021	DIST	93	RIDE	4.17	PRPI	GOOD	IRI	53							
																		2022	DIST	90	RIDE	4.12	PRPI	GOOD	IRI	55							
																		2023	DIST	89	RIDE	4.07	PRPI	GOOD	IRI	58							
																		2024	DIST	85	RIDE	4.04	PRPI	GOOD	IRI	59							

1996 PATCH-7 LOCATIONS-9.747 MILES

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS, LC	& RT, TC	RT, BC	RT, RW	RT, BP	RT, RT
74	3.74	84	0.25	72.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	6
75	3.92	87	0.26	65.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	6
76	4.06	83	0.22	59.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	6
77	4.18	86	0.22	53.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	6
78	4.22	84	0.21	51.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	6
79	4.02	84	0.22	60.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	6
80	4.08	85	0.21	57.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	6
81	3.93	86	0.23	64.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	6
82	4.20	83	0.17	52.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	6
AVG	4.04	85	0.22	59.22	GOOD	N/A	N/A	2	0	0	6	0	0	0	6

15 OCCURS	LSHL WDTN (IN)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		38.0				1959	157				
3.5 AGGREGATE BASE		36.0				1959					
3.5 EMULSIFIED BASE		34.0		SS-1		1959	130				
1.5 HOT BIT PAVEMENT		24.0		120-150		1978	238	20			
DRIVE SLOPE FLATTENING						1985					
CONTRACT CHIP SEAL		24.0		HFMS-2		1989	66				
INT CONT PATCH-1.25"		24.0		120-150		1996	228	4			
CONTRACT CHIP SEAL		24.0		MC-3000	43	1998	75		12057		1
1.5 HOT BIT PAVEMENT	1.5	24.0	1.5	PG 58-28	29	2007	696	7		59	1
FEDERAL AID CHIP SEAL		27.0		CRS2P	41	2010	269		18046		1
WIDENING	4.0		4.0			2017	4405		20677		1
10.0 AGGREGATE BASE		6.0			05	2017			20677		1
4.0 HBP-SUPERPAVE-FAA 45	2.0	24.0	2.0	PG 58-28	SP	2017		20	20677		1
4.0 AGGREGATE BASE	4.0		4.0		04	2017			20677		1
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2019	337		22362		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		0.000	0.0000		15.000	0.3000	15.2949		6.0	24.0	6.0	8.0	7.0	48.0	36.0	292	916 2023	213	12	12	2016	FLEX	ASPHT	RIC	1	2013	2013	2013	SLURRY SEAL
STATE LINE N TO STRASBURG																															
2003 - PCN 15541 -INTERMITTENT PATCHING 3.756 TO 4.358, 6.900 TO 8.820																															
2010 PCN 17506 - INTERSECTION REALIGNMENT AND TURN LANES.																															
2020 PCN 22780- GRADE RAISE RP 5.831 TO 6.027 INTERSECTION OF HWY 11																															
2015 DIST 94 RIDE 4.14 PRPI FAIR IRI 54																															
2016 DIST 88 RIDE 3.99 PRPI GOOD IRI 61																															
2017 DIST 81 RIDE 3.96 PRPI GOOD IRI 63																															
2018 DIST 93 RIDE 3.92 PRPI GOOD IRI 64																															
2019 DIST 88 RIDE 4.03 PRPI GOOD IRI 59																															
2020 DIST 90 RIDE 4.06 PRPI GOOD IRI 58																															
2021 DIST 88 RIDE 3.97 PRPI GOOD IRI 62																															
2022 DIST 91 RIDE 3.93 PRPI GOOD IRI 64																															
2023 DIST 85 RIDE 3.87 PRPI GOOD IRI 66																															
2024 DIST 86 RIDE 3.78 PRPI GOOD IRI 70																															

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
0	3.87	91	0.12	67.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
1	3.85	88	0.13	67.00	GOOD	N/A	N/A	3	0	2	6	0	0	0	0
2	3.70	91	0.13	75.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0
3	3.89	89	0.13	66.00	GOOD	N/A	N/A	3	0	1	4	0	0	2	0
4	3.81	90	0.14	69.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	0
5	3.45	85	0.17	86.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	6
6	3.70	88	0.15	74.00	GOOD	N/A	N/A	6	0	1	4	0	0	0	0
7	3.30	79	0.19	93.00	GOOD	N/A	N/A	6	0	1	5	0	0	2	6
8	3.46	80	0.16	86.00	GOOD	N/A	N/A	6	0	1	4	0	0	2	6
9	3.87	84	0.16	67.00	GOOD	N/A	N/A	3	0	2	4	0	0	0	6
10	3.96	82	0.17	63.00	GOOD	N/A	N/A	3	0	3	3	0	0	2	6
11	3.82	89	0.16	69.00	GOOD	N/A	N/A	3	0	2	3	0	0	2	0
12	3.78	87	0.14	71.00	GOOD	N/A	N/A	6	0	1	3	0	0	2	0
13	3.98	82	0.18	62.00	GOOD	N/A	N/A	6	0	1	4	0	0	0	6
14	3.98	88	0.14	62.00	GOOD	N/A	N/A	6	0	1	4	0	0	0	0
15	4.09	83	0.21	57.00	GOOD	N/A	N/A	6	0	1	3	0	0	0	6
AVG	3.78	86	0.16	70.88	GOOD	N/A	N/A	4	0	1	4	0	0	1	3

15 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		36.0				1949	260				
5.0 AGGREGATE BASE		34.0				1950					
2.0 STABILIZED BASE		32.0				1950					
2.5 HOT BIT PAVEMENT		22.0		120-150		1950	332	20			
2.0 HOT BIT PAVEMENT		28.0		120-150		1984	1307	5			
CONTRACT SAND SEAL		28.0		AE-150S		1986	79				
INT CONT PATCH-1.0"		28.0		120-150		1995	94				
INT CONT PATCH-1.5"		28.0		PG 58-28	27	1998	218		12158	1	
INT CONT PATCH-1.5"		27.0		PG 58-28	27	1999	230		12844	1	
INT CONT PATCH-1.25"		27.0		PG 58-28	27	2003			15514	1	
WIDENING	6.0		6.0			2013			17708	1	
12.0 SALVAGED AGGR BASE	6.0		6.0			2013			17708	1	
3.5 HBP-SUPERPAVE-FAA 44		36.0		PG 58-28	SP	2013	8989	20	17708	1	
SLURRY SEAL		25.0		CRS2P	SS	2016			19742	1	
FEDERAL AID SAND SEAL	5.5		5.5	CRS2P	45	2016			19742	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		15.000	0.3000	24.942	0.0000	9.6168	6.0	24.0	6.0	8.5	5.0	51.4	36.0	286	1251 2023	225	14	14	2016	FLEX	ASPHT	RIC	1	2011	2011	2011	SLURRY SEAL
STRASBURG N TO LINTON																													
2016 PCN - WIDENING FOR NORTHBOUND LEFT TURN LANE AND SOUTHBOUND RIGHT TURN LANE. RP 16.129 TO RP 16.521																													
2015 DIST 92 RIDE 3.90 PRPI FAIR IRI 65																													
2016 DIST 84 RIDE 3.94 PRPI GOOD IRI 63																													
2017 DIST 81 RIDE 3.82 PRPI GOOD IRI 69																													
2018 DIST 89 RIDE 3.86 PRPI GOOD IRI 67																													
2019 DIST 90 RIDE 3.85 PRPI GOOD IRI 67																													
2020 DIST 85 RIDE 3.98 PRPI GOOD IRI 61																													
2021 DIST 87 RIDE 3.84 PRPI GOOD IRI 68																													
2022 DIST 86 RIDE 3.87 PRPI GOOD IRI 66																													
2023 DIST 84 RIDE 3.68 PRPI GOOD IRI 75																													
2024 DIST 80 RIDE 3.73 PRPI GOOD IRI 73																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT	
16	3.58	82	0.25	80.00	GOOD	N/A	N/A	6	0	2	3	0	0	6
17	3.88	73	0.27	66.00	GOOD	N/A	N/A	6	0	2	4	0	0	14
18	3.28	72	0.28	94.00	GOOD	N/A	N/A	6	0	1	4	0	0	14
19	3.73	74	0.28	73.00	GOOD	N/A	N/A	6	0	2	3	0	0	14
20	3.76	83	0.25	72.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
21	4.08	85	0.23	58.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
22	4.01	82	0.20	61.00	GOOD	N/A	N/A	6	0	1	4	0	0	6
23	3.96	85	0.22	63.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
24	3.27	85	0.24	94.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
AVG	3.73	80	0.25	73.44	GOOD	N/A	N/A	5	0	1	4	0	0	9

12 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0 STABILIZED BASE		36.0				1941					
2.5 COLD BITUMINOUS PAVEMENT		32.0				1944					
2.0 HOT BIT PAVEMENT		22.0		MC-5		1944	397	20			
CONTRACT SAND SEAL		28.0		120-150		1984	820	10			
INT CONT PATCH-1.5"		28.0		AE-150S		1986	48				
INT CONT PATCH-1.5"		28.0		PG 58-28	27	1998	157		12158	1	
WIDENING	7.5	27.0		PG 58-28	27	1999	144		12844	1	
9.5 SALVAGED AGGR BASE	4.0	7.5				2011			17995	1	
4.0 HBP-SUPERPAVE-FAA 45	6.0	4.0				2011			17995	1	
SLURRY SEAL	6.0	24.0	6.0	PG 58-28	SP	2011	7880	20	17995	1	
FEDERAL AID SAND SEAL	5.5	25.0		CRS2P	SS	2016			19742	1	
		5.5	5.5	CRS2P	45	2016			19742	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		24.942	0.0000	25.000	0.1750	0.2546	8.0	24.0	8.0	9.0	6.0	50.0	40.0	435	1970 2023	300	14	14	2012	FLEX	ASPHT	RIC	1	2011	2011	2011	SLURRY SEAL
LINTON - S JCT 13 TO 2ND ST SE																		2015	DIST 88	RIDE 3.49	PRPI	FAIR	IRI 84						
																		2016	DIST 89	RIDE 3.18	PRPI	GOOD	IRI 98						
																		2017	DIST 86	RIDE 3.36	PRPI	GOOD	IRI 90						
																		2018	DIST 92	RIDE 2.97	PRPI	FAIR	IRI 108						
																		2019	DIST 96	RIDE 3.28	PRPI	GOOD	IRI 94						
																		2020	DIST 92	RIDE 3.05	PRPI	FAIR	IRI 105						
																		2021	DIST 92	RIDE 2.92	PRPI	FAIR	IRI 111						
																		2022	DIST 92	RIDE 2.78	PRPI	FAIR	IRI 118						
																		2023	DIST 91	RIDE 2.79	PRPI	FAIR	IRI 118						
																		2024	DIST 82	RIDE 2.26	PRPI	POOR	IRI 145						

1996 SEAL MC-3000P 1985-ASPHALT CEMENT-SPECIAL 80-120.  
2003 - PCN 15514 INTERMITTENT PATCHING 25.021 TO 26.319  
2012 - PCN 19858 - INTERSECTION LIGHTING - RP 24.836 TO 25.002

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP
25	2.26	82	0.15	145.00	POOR	N/A	N/A	6	0	2	3	0
AVG	2.26	82	0.15	145.00	POOR	N/A	N/A	6	0	2	3	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		36.0				1941					
2.5	COLD BITUMINOUS PAVEMENT		22.0		MC-5		1944		20			
6.0	WIDENING		50.0				1984	26				
5.0	AGGREGATE BASE	11.5		11.5			1984					
2.5	RECYCLED HOT BIT PAVMNT		27.0				1985		12			
2.0	RECYCLED HOT BIT PAVMNT	4.0		4.0			1985					
4.0	AGGREGATE BASE	6.5		6.5			1985					
	CONTRACT SAND SEAL		27.0		AE-150S		1986	1				
	CONTRACT CHIP SEAL		27.0		MC-3000		1996	3				
	INT CONT PATCH-1.25"		27.0		PG 58-28	27	2003			15514	1	
2.0	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	PG 58-28	SP	2009	85	10	16727	1	
2.0	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	MC-70	SP	2011	209	20	18750	1	
	SLURRY SEAL		24.0		CRS2P	SS	2012			19485	1	
	FEDERAL AID SAND SEAL	8.0		8.0	CRS2P	45	2012			19485	1	

ENGLISH

D	Hwy	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	83	N		25.000	0.1750	25.958	0.0000	0.7778	8.0	24.0	8.0	6.5	6.0	50.0	40.0	435	1970 2023	474	81	19		FLEX	ASPHT	RIC	1	1944	2009	2019	MICROSURFACI						
LINTON - 2ND ST SE TO N JCT 13																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

1996 SEAL MC-3000P 1985-ASPHALT CEMENT-SPECIAL 80-120.  
2003 - PCN 15514 INTERMITTENT PATCHING 25.021 TO 26.319

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT	RIDE, DISTRESS & RUT																
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1941					
5.0	AGGREGATE BASE		22.0				1944					
2.5	COLD BITUMINOUS PAVEMENT		22.0		MC-5		1944	20				
6.0	WIDENING		50.0				1984	80				
5.0	AGGREGATE BASE	11.5		11.5			1984					
2.5	RECYCLED HOT BIT PAVMNT		27.0				1985		12			
2.0	RECYCLED HOT BIT PAVMNT	4.0		4.0			1985					
4.0	AGGREGATE BASE	6.5		6.5			1985					
	CONTRACT SAND SEAL		27.0		AE-150S		1986	4				
	CONTRACT CHIP SEAL		27.0		MC-3000		1996	9				
	INT CONT PATCH-1.25"		27.0		PG 58-28	27	2003			15514	1	
2.0	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	PG 58-28	SP	2009	260	10	16727	1	
	SLURRY SEAL		40.0		CRS2P	SS	2012			19485	1	
-.5	MICROMILL		36.0				2019			21976	1	
	FEDERAL AID SAND SEAL	6.0		6.0	CRS2P	45	2019			21976	1	
	MICROSURFACING		24.0		AE	MC	2019	52	7	21976	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	83	N		25.958	0.0000	30.000	0.9720	5.0165	8.0	24.0	8.0	6.0	6.0	50.0	40.0	330	1420 2023	284	16	16		FLEX	ASPHT	RIC	1	2009	2019	2019	MICROSURFACI					
LINTON TO 5 MILES NORTH																		2015	DIST 93	RIDE 3.96	PRPI	GOOD	IRI	62										
																		2016	DIST 95	RIDE 3.81	PRPI	GOOD	IRI	69										
																		2017	DIST 87	RIDE 3.74	PRPI	GOOD	IRI	72										
																		2018	DIST 94	RIDE 3.63	PRPI	GOOD	IRI	77										
																		2019	DIST 98	RIDE 3.96	PRPI	GOOD	IRI	62										
																		2020	DIST 96	RIDE 3.97	PRPI	GOOD	IRI	62										
																		2021	DIST 94	RIDE 3.76	PRPI	GOOD	IRI	71										
																		2022	DIST 96	RIDE 3.75	PRPI	GOOD	IRI	72										
																		2023	DIST 92	RIDE 3.48	PRPI	GOOD	IRI	84										
																		2024	DIST 91	RIDE 3.40	PRPI	GOOD	IRI	88										

1996 SEAL MC-3000P 1985-ASPHALT CEMENT-SPECIAL 80-120.  
2003 - PCN 15514 INTERMITTENT PATCHING 25.021 TO 26.319

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
26	3.35	90	0.13	91.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
27	3.78	92	0.11	71.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
28	3.38	92	0.12	89.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
29	3.01	91	0.14	107.00	POOR	N/A	N/A	3	0	1	4	0	0	0
30	3.47	91	0.11	85.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
AVG	3.40	91	0.12	88.60	GOOD	N/A	N/A	3	0	1	3	0	0	0

17 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1941					
	5.0	AGGREGATE BASE		22.0				1944					
	2.5	COLD BITUMINOUS PAVEMENT		22.0		MC-5		1944		20			
	6.0	WIDENING		50.0				1984	513				
	5.0	AGGREGATE BASE	11.5		11.5			1984					
	2.5	RECYCLED HOT BIT PAVMNT		27.0				1985		12			
	2.0	RECYCLED HOT BIT PAVMNT	4.0		4.0			1985					
	4.0	AGGREGATE BASE	6.5		6.5			1985					
		CONTRACT SAND SEAL		27.0		AE-150S		1986	27				
		CONTRACT CHIP SEAL		27.0		MC-3000		1996	57				
		INT CONT PATCH-1.25"		27.0		PG 58-28	27	2003			15514	1	
	4.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL	6.0	54.0	6.0	PG 58-28	SP	2009	1728	20	16334	1	
		FEDERAL AID SAND SEAL	5.5		5.5	CRS2P	SS	2012			19485	1	
	-.5	MICROMILL		36.0				2019			21976	1	
		FEDERAL AID SAND SEAL	6.0		6.0	CRS2P	45	2019			21976	1	
		MICROSURFACING		24.0		AE	MC	2019	325	7	21976	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		30.000	0.9720	41.623	0.0000	10.6362	8.0	24.0	8.0	7.5	8.0	50.0	40.0	330	1445 2023	284	16	16		FLEX	ASPHT	RIC	1	2009	2019	2019	MICROSURFACI
5 M N OF LINTON TO JCT 34 HAZELTON																		2015	DIST	93	RIDE	3.95	PRPI	GOOD	IRI	63			
																		2016	DIST	93	RIDE	3.91	PRPI	GOOD	IRI	65			
																		2017	DIST	86	RIDE	3.82	PRPI	GOOD	IRI	69			
																		2018	DIST	93	RIDE	3.75	PRPI	GOOD	IRI	72			
																		2019	DIST	99	RIDE	3.95	PRPI	GOOD	IRI	63			
																		2020	DIST	95	RIDE	4.04	PRPI	GOOD	IRI	59			
																		2021	DIST	94	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2022	DIST	95	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2023	DIST	93	RIDE	3.52	PRPI	GOOD	IRI	82			
																		2024	DIST	90	RIDE	3.51	PRPI	GOOD	IRI	83			

1985-ASPHALT CEMENT SPECIAL 80-120. 1996 SEAL MC-3000P  
2009 - PCN 16334 MINE AND BLEND OPERATION PERFORMED IN VARIOUS AREAS  
ON THIS SECTION.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
31	3.59	91	0.13	80.00	GOOD	N/A	N/A	3	0	1	4	0	0
32	3.79	93	0.11	70.00	GOOD	N/A	N/A	3	0	0	3	0	0
33	3.45	92	0.13	86.00	GOOD	N/A	N/A	3	0	1	3	0	0
34	3.65	88	0.13	77.00	GOOD	N/A	N/A	6	0	1	4	0	0
35	3.26	85	0.16	95.00	GOOD	N/A	N/A	9	0	1	4	0	0
36	3.55	91	0.14	81.00	GOOD	N/A	N/A	3	0	1	4	0	0
37	3.66	91	0.12	77.00	GOOD	N/A	N/A	3	0	1	4	0	0
38	3.36	89	0.14	90.00	GOOD	N/A	N/A	6	0	1	3	0	0
39	3.30	88	0.13	93.00	GOOD	N/A	N/A	6	0	1	4	0	0
40	3.41	88	0.12	88.00	GOOD	N/A	N/A	6	0	1	4	0	0
41	3.54	89	0.13	82.00	GOOD	N/A	N/A	6	0	1	3	0	0
AVG	3.51	90	0.13	83.55	GOOD	N/A	N/A	5	0	1	4	0	0

13 OCCURS	DPTH (IN)	COMPONENTS	L SHL WDTN (FT)	RDWY WDTN (FT)	R SHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	8.0	AGGREGATE BASE		44.0				1984					
	4.0	RECYCLED HOT BIT PAVMNT		27.0				1985		20			
	3.0	AGGREGATE BASE	6.5		6.5			1985					
		CONTRACT SAND SEAL		27.0		AE-150S		1986	51				
		INT CONT PATCH-1.5"		26.0		120-150		1992	170				
		INT CONT PATCH-1.5"		26.0		120-150		1993	273				
		CONTRACT CHIP SEAL		27.0		MC-3000		1996	113				
	4.0	HBP-SUPERPAVE-FAA 45	6.0	24.0	6.0	PG 58-28	SP	2009	5441	20	16334		1
		SLURRY SEAL		25.0		CRS2P	SS	2012			19485		1
		FEDERAL AID SAND SEAL	5.5		5.5	CRS2P	45	2012			19485		1
	-.5	MICROMILL		24.0				2019			21976		1
		FEDERAL AID SAND SEAL	6.0		6.0	CRS2P	45	2019			21976		1
		MICROSURFACING		36.0		AE	MC	2019	688	7	21976		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	83	N		41.623	0.0000	44.000	0.0000	2.3819	4.7	24.0	4.7	9.0	9.0	44.0	33.4	380	1559 2023	319	20	20		FLEX	ASPHT	RIC	1	2005	2017	2018	MICROSURFACI				
JCT 34 NORTH TO RPT 44																		2015	DIST	91	RIDE	3.45	PRPI	GOOD	IRI	86							
																		2016	DIST	96	RIDE	3.45	PRPI	GOOD	IRI	85							
																		2017	DIST	93	RIDE	4.44	PRPI	GOOD	IRI	42							
																		2018	DIST	98	RIDE	3.88	PRPI	GOOD	IRI	66							
																		2019	DIST	97	RIDE	4.38	PRPI	GOOD	IRI	44							
																		2020	DIST	97	RIDE	4.31	PRPI	GOOD	IRI	47							
																		2021	DIST	93	RIDE	4.34	PRPI	GOOD	IRI	46							
																		2022	DIST	94	RIDE	4.25	PRPI	GOOD	IRI	50							
																		2023	DIST	95	RIDE	4.27	PRPI	GOOD	IRI	49							
																		2024	DIST	85	RIDE	4.14	PRPI	GOOD	IRI	55							

1997 RIPRAP PLACED AT LONG LAKE NEAR MP 56.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
42	4.15	85	0.15	54.00	GOOD	N/A	N/A	9	0	2	3	0	0
43	4.12	85	0.18	56.00	GOOD	N/A	N/A	9	0	1	4	0	0
AVG	4.14	85	0.17	55.00	GOOD	N/A	N/A	9	0	2	4	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1961	60				
4.5	AGGREGATE BASE		42.0				1961					
4.5	EMULSIFIED BASE		40.0		SS-1		1961	50				
2.0	HOT BIT PAVEMENT		40.0		120-150		1963					
2.5	HOT BIT PAVEMENT		24.0		120-150		1963	47	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1990	23				
	CONTRACT SAND SEAL				MC-800		1990					
	INT CONT PATCH-1.5"		24.0		120-150		1992	9				
	DRIVE SLOPE FLATTENING						1993	6				
	INT CONT PATCH-1.0"		26.0		120-150		1995	20				
	RIPRAP						1997	24		11625		1
	INT CONT PATCH-1.5"		24.0		120-150		1997	49		1593		1
3.5	HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	SP	2005	394	20	946		1
	FEDERAL AID CHIP SEAL		36.0		CRS2P	43	2007	76		16904		1
-1.0	MILLING		3.0	24.0	3.0		2017	308		21655		1
2.0	HBP-SUPERPAVE-FAA 45		4.7	24.0	4.7	PG 64-28	SP	2017		7	21655	1
	MICROSURFACING		24.0		AE	MC	2018	96	7	21977		1
	FEDERAL AID SAND SEAL	4.0		4.0	CRS2P	45	2018			21977		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		44.000	0.0000	64.000	0.0000	19.9904	5.1	24.0	5.1	8.0	9.0	44.0	34.2	380	1542 2023	315	20	20		FLEX	ASPHT	RIC	1	2005	2017	2018	MICROSURFACI
RPT 44 TO STERLING																		2015	DIST	91	RIDE	3.66	PRPI	GOOD	IRI	76			
																		2016	DIST	95	RIDE	3.54	PRPI	GOOD	IRI	81			
																		2017	DIST	93	RIDE	4.48	PRPI	GOOD	IRI	39			
																		2018	DIST	98	RIDE	3.93	PRPI	GOOD	IRI	64			
																		2019	DIST	94	RIDE	4.41	PRPI	GOOD	IRI	42			
																		2020	DIST	95	RIDE	4.37	PRPI	GOOD	IRI	44			
																		2021	DIST	93	RIDE	4.36	PRPI	GOOD	IRI	45			
																		2022	DIST	94	RIDE	4.28	PRPI	GOOD	IRI	48			
																		2023	DIST	93	RIDE	4.32	PRPI	GOOD	IRI	46			
																		2024	DIST	86	RIDE	4.15	PRPI	GOOD	IRI	54			

1997 RIPRAP PLACED AT LONG LAKE NEAR MP 56.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RT	RUT RT	
44	4.09	86	0.17	57.00	GOOD	N/A	N/A	9	0	1	3	0	0
45	4.06	85	0.16	59.00	GOOD	N/A	N/A	9	0	1	4	0	0
46	4.19	85	0.18	52.00	GOOD	N/A	N/A	9	0	1	4	0	0
47	4.11	79	0.20	56.00	GOOD	N/A	N/A	9	0	2	3	0	0
48	4.18	89	0.18	53.00	GOOD	N/A	N/A	6	0	1	3	0	0
49	4.09	85	0.19	57.00	GOOD	N/A	N/A	9	0	2	3	0	0
50	4.10	86	0.19	57.00	GOOD	N/A	N/A	9	0	2	2	0	0
51	4.19	85	0.18	53.00	GOOD	N/A	N/A	9	0	2	3	0	0
52	4.10	85	0.16	57.00	GOOD	N/A	N/A	9	0	2	3	0	0
53	4.09	90	0.16	57.00	GOOD	N/A	N/A	6	0	1	2	0	0
54	4.22	88	0.14	51.00	GOOD	N/A	N/A	6	0	1	4	0	0
55	4.13	89	0.17	55.00	GOOD	N/A	N/A	6	0	2	2	0	0
56	4.13	86	0.13	55.00	GOOD	N/A	N/A	9	0	1	3	0	0
57	4.22	86	0.17	51.00	GOOD	N/A	N/A	9	0	1	3	0	0
58	4.18	85	0.15	53.00	GOOD	N/A	N/A	9	0	2	3	0	0
59	4.25	89	0.15	50.00	GOOD	N/A	N/A	6	0	1	3	0	0
60	4.09	84	0.15	57.00	GOOD	N/A	N/A	9	0	2	4	0	0
61	4.29	85	0.16	48.00	GOOD	N/A	N/A	9	0	1	4	0	0
62	4.24	88	0.15	51.00	GOOD	N/A	N/A	6	0	1	4	0	0
63	4.10	89	0.17	57.00	GOOD	N/A	N/A	6	0	1	3	0	0
AVG	4.15	86	0.17	54.30	GOOD	N/A	N/A	8	0	1	3	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
44.0	GRADE		44.0				1961	507				
4.5	AGGREGATE BASE		42.0				1961					
4.5	EMULSIFIED BASE		40.0		SS-1		1961	421				
2.0	HOT BIT PAVEMENT		40.0		120-150		1963					
2.5	HOT BIT PAVEMENT		24.0		120-150		1963	392	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1990	194				
	CONTRACT SAND SEAL				MC-800		1990					
	INT CONT PATCH-1.5"		24.0		120-150		1992	75				
	DRIVE SLOPE FLATTENING						1993	48				
	INT CONT PATCH-1.0"		26.0		120-150		1995	171				
	RIPRAP						1997	197		11625		1
	INT CONT PATCH-1.5"		24.0		120-150	27	1997	413		1593		1
2.5	HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	SP	2005	3308	20	964		1
	FEDERAL AID CHIP SEAL		36.0		CRS2P	43	2007	640		16904		1
-1.0	MILLING		3.0	24.0	3.0		2017	2585		21655		1
2.0	HBP-SUPERPAVE-FAA 45		5.1	24.0	5.1	PG 64-28	SP	2017		7	21655	1
	FEDERAL AID SAND SEAL		4.0		4.0	CRS2P	45	2018		21977		1
	MICROSURFACING		24.0		AE	MC	2018	811	7	21977		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	83	N		64.000	0.0000	64.000	0.6407	0.6407	7.6	24.0	7.6	6.5	15.0	60.0	39.2	388	1682 2023	328	15	15		FLEX	ASPHT	RIC	1	2010	2017	2018	MICROSURFACI				
STERLING																		2015	DIST	83	RIDE	3.20	PRPI	FAIR	IRI	98							
																		2016	DIST	89	RIDE	2.91	PRPI	POOR	IRI	112							
																		2017	DIST	93	RIDE	4.07	PRPI	GOOD	IRI	58							
																		2018	DIST	97	RIDE	3.50	PRPI	GOOD	IRI	83							
																		2019	DIST	93	RIDE	3.85	PRPI	GOOD	IRI	68							
																		2020	DIST	92	RIDE	3.81	PRPI	GOOD	IRI	70							
																		2021	DIST	91	RIDE	3.73	PRPI	GOOD	IRI	73							
																		2022	DIST	93	RIDE	3.68	PRPI	GOOD	IRI	76							
																		2023	DIST	92	RIDE	3.61	PRPI	GOOD	IRI	79							
																		2024	DIST	88	RIDE	3.43	PRPI	GOOD	IRI	87							

1997 RIPRAP PLACED AT LONG LAKE NEAR MP 56.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
64	3.43	88	0.18	87.00	GOOD	N/A	N/A	6	0	2	3	0	0
AVG	3.43	88	0.18	87.00	GOOD	N/A	N/A	6	0	2	3	0	0

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
15.0	SALVAGED AGGR BASE		60.0				2010			15510	1	
5.5	HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-28	31	2010		20	15510	1	
	SLURRY SEAL		25.0		CRS2P	SS	2012			19864	1	
	FEDERAL AID SAND SEAL	5.5		5.5	CRS2P	45	2012			19864	1	
-1.0	MILLING	8.0	24.0	8.0			2017	83		21655	1	
2.0	HBP-SUPERPAVE-FAA 45	7.6	24.0	7.6	PG 64-28	SP	2017		7	21655	1	
	FEDERAL AID SAND SEAL	7.5		7.5	CRS2P	45	2018			21977	1	
	MICROSURFACING		24.0		AE	MC	2018	26	7	21977	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
1	83	N		64.000	0.6407	65.000	0.1340	0.4975	5.1	24.0	5.1	8.0	9.0	44.0	34.2	395	1798 2023	336	20	20		FLEX	ASPHT	RIC	1	2005	2017	2018	MICROSURFACI														
STERLING TO JCT OLD US HWY 10																		2015	DIST	88	RIDE	3.49	PRPI	GOOD	IRI	84																	
																		2016	DIST	89	RIDE	3.04	PRPI	FAIR	IRI	106																	
																		2017	DIST	89	RIDE	4.11	PRPI	GOOD	IRI	56																	
																		2018	DIST	93	RIDE	3.58	PRPI	GOOD	IRI	80																	
																		2019	DIST	91	RIDE	3.92	PRPI	GOOD	IRI	64																	
																		2020	DIST	91	RIDE	3.87	PRPI	GOOD	IRI	67																	
																		2021	DIST	89	RIDE	3.92	PRPI	GOOD	IRI	64																	
																		2022	DIST	91	RIDE	3.76	PRPI	GOOD	IRI	72																	
																		2023	DIST	90	RIDE	3.76	PRPI	GOOD	IRI	72																	
																		2024	DIST	86	RIDE	3.47	PRPI	GOOD	IRI	85																	

1997 RIPRAP PLACED AT LONG LAKE NEAR MP 56.

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
65	3.47	86	0.17	85.00	GOOD	N/A	N/A	9	0	2	2	0	0	0
AVG	3.47	86	0.17	85.00	GOOD	N/A	N/A	9	0	2	2	0	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1961	13				
4.5	AGGREGATE BASE		42.0				1961					
4.5	EMULSIFIED BASE		40.0		SS-1		1961	10				
2.0	HOT BIT PAVEMENT		40.0		120-150		1963					
2.5	HOT BIT PAVEMENT		24.0		120-150		1963	10	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1990	5				
	CONTRACT SAND SEAL				MC-800		1990					
	INT CONT PATCH-1.5"		24.0		120-150		1992	2				
	DRIVE SLOPE FLATTENING						1993	1				
	INT CONT PATCH-1.0"		26.0		120-150		1995	4				
	RIPRAP						1997	5		11625		1
	INT CONT PATCH-1.5"		24.0		120-150		1997	10		1593		1
2.5	HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	SP	2005	82	20	964		1
	FEDERAL AID CHIP SEAL		36.0		CRS2P	43	2007	16		16904		1
-1.0	MILLING	3.0	24.0	3.0			2017	64		21655		1
2.0	HBP-SUPERPAVE-FAA 45	5.1	24.0	5.1	PG 64-28	SP	2017		7	21655		1
	MICROSURFACING		24.0			MC	2018	20	7	21977		1
	FEDERAL AID SAND SEAL	4.0		4.0	CRS2P	45	2018			21977		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY SYS	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	83	N		65.000	0.1340	65.934	0.0000	0.7910	4.7	24.0	4.7	10.5	5.0	44.0	33.6	405	2030 2023	535	20	20		FLEX	ASPHT	RIC	1	2005	2017	2017	HBP-SUPERPAV						
JCT OLD 10-STERLING-N TO I-94																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	RIDE TC	DISTRESS BC	& RT RW	RUT BP	RUT RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1961	14				
5.0	AGGREGATE BASE		41.0				1963					
4.0	HOT BIT PAVEMENT		40.0		120-150		1963					
2.0	HOT BIT PAVEMENT		24.0		120-150		1963	15	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1990	8				
	CONTRACT SAND SEAL				MC-800		1990					
3.5	HOT BIT PAVEMENT	6.0	24.0	6.0	PG 58-28	SP	2005	131	20	964		1
	FEDERAL AID CHIP SEAL		36.0		CRS2P	43	2007	25		16904		1
-1.0	MILLING		3.0	24.0	3.0		2017	78		21655		1
2.0	HBP-SUPERPAVE-FAA 45	4.7	24.0	4.7	PG 64-28	SP	2017		7	21655		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LT2012	LT2023	LTST REHAB																																																																												
1	83	N		88.998	0.0000	89.000	0.8320	0.8401		36.0		10.0	24.0	42.0	36.0	314	19131 2022	284	22	12			CONCR	JOINT	UIC	1	2003	2012	2023	CPR_ONLY																																																																													
JCT I-94 NORTH (E LANE)																		2015	DIST	89	RIDE	2.43	PRPI	POOR	IRI	136	2016	DIST	88	RIDE	2.44	PRPI	POOR	IRI	135	2017	DIST	83	RIDE	1.89	PRPI	POOR	IRI	166	2018	DIST	82	RIDE	2.54	PRPI	POOR	IRI	131	2019	DIST	86	RIDE	2.37	PRPI	POOR	IRI	139	2020	DIST	88	RIDE	2.23	PRPI	POOR	IRI	147	2021	DIST	87	RIDE	2.58	PRPI	POOR	IRI	128	2022	DIST	89	RIDE	2.23	PRPI	POOR	IRI	147	2023	DIST	94	RIDE	3.91	PRPI	GOOD	IRI	65	2024	DIST	89	RIDE	3.81	PRPI	GOOD	IRI	69

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
88	N/A	NA	N/A	N/A	N/A	0.10	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
89	3.81	89	N/A	69.00	GOOD	0.11	214	0	0	0	0	1	8	0	0	1
AVG 3.81 89 N/A 69.00 GOOD 0.11 108 0 0 0 0 0 1 8 0 0 1																

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
24.0	GRADE		60.0				2003			12302	1	
24.0	BLENDED BASE		40.0				2003			12302	1	
10.0	NON-REINF PCC		36.0		AE	S4	2003	3146	30	12302	1	
	CURB & GUTTER FACE-FACE		36.0				2003			12302	1	
	DOWELED						2003			12302	1	
	CONCRETE PAVEMENT REPAIR		36.0				2012	372	10	18480	1	
	GRINDING		36.0				2023	2227		22770	1	
	CONCRETE PAVEMENT REPAIR		36.0				2023		10	22770	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		89.000	0.8320	100.000	0.6270	10.7843	9.5	24.0	9.5	8.0	9.0	52.0	43.0	360	5864 2023	312	61	15		FLEX	ASPHT	RIC	1	1964	2011	2020	RAP-FAA 45
BISMARCK N TO MIDWAY																			2015	DIST 86	RIDE 3.64	PRPI	GOOD	IRI	77				
																			2016	DIST 87	RIDE 3.47	PRPI	GOOD	IRI	85				
																			2017	DIST 82	RIDE 3.49	PRPI	GOOD	IRI	84				
																			2018	DIST 88	RIDE 3.31	PRPI	GOOD	IRI	92				
																			2019	DIST 81	RIDE 3.53	PRPI	GOOD	IRI	82				
																			2020	DIST 99	RIDE 4.26	PRPI	GOOD	IRI	49				
																			2021	DIST 98	RIDE 4.26	PRPI	GOOD	IRI	49				
																			2022	DIST 96	RIDE 4.24	PRPI	GOOD	IRI	50				
																			2023	DIST 95	RIDE 4.17	PRPI	GOOD	IRI	53				
																			2024	DIST 93	RIDE 4.16	PRPI	GOOD	IRI	54				

\_PCN 14436 MICROSURFACING \$21,411  
2009 PCN 17262 - NEW CONSTRUCTION OF TURN LANES AND EXTENSION OF TURN LANES.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT														
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT											
90	3.84	84	0.22	68.00	GOOD	N/A	N/A	0	0	4	5	0	0	0	6					
91	3.97	82	0.20	63.00	GOOD	N/A	N/A	3	0	4	4	0	0	0	6					
92	4.01	91	0.16	61.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0					
93	4.27	95	0.14	49.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0					
94	4.20	95	0.13	52.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0					
95	4.27	97	0.15	49.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0					
96	4.21	98	0.14	52.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0					
97	4.25	95	0.17	50.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0					
98	4.37	95	0.17	45.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0					
99	4.25	91	0.17	50.00	GOOD	N/A	N/A	0	0	4	4	0	0	0	0					
100	4.10	98	0.16	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0					
AVG	4.16	93	0.16	54.09	GOOD	N/A	N/A	1	0	1	3	0	0	0	1					

17 OCCURS	LSHL WDT	RDWY WDT	RSHL WDT	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	(FT)	(FT)	(FT)								
GRADE		52.0				1964					
5.0 AGGREGATE BASE		48.0				1964	117				
4.0 PLANT MIX BIT BASE		46.0		120-150		1964					
2.0 HOT BIT PAVEMENT		24.0		120-150		1964	326	20			
PLANT MIX SEAL		24.0		RC-800		1975	117				
1.5 HOT BIT PAVEMENT		27.0		120-150		1983	770	5			
HOT BIT PAVEMENT	9.0		9.0			1983					
CONTRACT CHIP SEAL		29.0		RC-800		1984	147				
CONTRACT CHIP SEAL	3.0	24.0	9.0	MC-3000P	43	1997	141		1480	1	
1.5 HOT BIT PAVEMENT		27.0		PG 58-28	31	2002	832	5	14050	1	
2.0 HBP-SUPERPAVE-FAA 45		43.0		PG 58-28	SP	2010	1660	10	17106	1	
FEDERAL AID SAND SEAL	9.0		9.0	CRS2P	45	2011			17350	1	
MICROSURFACING		25.0		AE	MC	2011	547	7	17350	1	
-2.0 MILLING		43.0				2020			17378	1	
CONTRACT SAND SEAL	8.0		8.0	CRS2P	45	2020			17378	1	
MICROSURFACING		27.0		AE	MC	2020			17378	1	
3.0 RAP-SUPERPAVE FAA 45		43.0		PG58H-34	SP	2020	3019	10	17378	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	EFF YEAR	HWY	PVMT	PVMT TYPE	PVMT DESC	FRT SYS	INTL LVL	PREV CONS	LTST CONS	LTST REHAB
1	83	N		100.000	0.6270	111.000	0.3270	10.6925	7.5	24.0	9.5	7.5	7.0	50.0	41.0	391	3486 2023	304	56	15			FLEX	ASPHT	RIC	1	1969	2011	2020	RAP-FAA 45
MIDWAY TO WILTON																			2015	DIST 88	RIDE 3.61	PRPI	GOOD	IRI	78					
																			2016	DIST 91	RIDE 3.58	PRPI	GOOD	IRI	79					
																			2017	DIST 85	RIDE 3.53	PRPI	GOOD	IRI	82					
																			2018	DIST 90	RIDE 3.33	PRPI	GOOD	IRI	91					
																			2019	DIST 80	RIDE 3.60	PRPI	GOOD	IRI	79					
																			2020	DIST 98	RIDE 4.33	PRPI	GOOD	IRI	46					
																			2021	DIST 98	RIDE 4.32	PRPI	GOOD	IRI	46					
																			2022	DIST 97	RIDE 4.31	PRPI	GOOD	IRI	47					
																			2023	DIST 96	RIDE 4.25	PRPI	GOOD	IRI	50					
																			2024	DIST 96	RIDE 4.20	PRPI	GOOD	IRI	52					

PCN 14436 - MICROSURFACING \$21,411  
2010 PCN 17956 - CONSTRUCT TURN LANES STATION 5835+42.5 TO 5844+73.93  
2020 PCN 17378 - CONSTRUCT TURN LANES STATION 494+75.58 TO 504+44.27

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
101	4.29	97	0.16	48.00	GOOD	N/A	N/A	0	0	1	1	0	0	0	0
102	4.29	95	0.16	48.00	GOOD	N/A	N/A	3	0	0	1	0	0	0	0
103	4.24	98	0.16	50.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
104	4.10	98	0.15	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
105	4.13	98	0.16	55.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
106	4.18	98	0.15	53.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
107	4.27	98	0.14	49.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
108	4.25	98	0.14	50.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
109	4.28	98	0.13	49.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
110	4.32	93	0.14	47.00	GOOD	N/A	N/A	3	0	2	1	0	0	0	0
111	3.83	85	0.14	69.00	GOOD	N/A	N/A	9	0	3	2	0	0	0	0
AVG	4.20	96	0.15	52.18	GOOD	N/A	N/A	1	0	1	1	0	0	0	0

19 OCCURS	DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		50.0				1968	627				
	4.0	BITUMINOUS BASE C-C 104 FEET		46.0		SM-K		1968	288				
	2.0	BITUMINOUS BASE		44.0		SC-3000		1969					
	1.5	HOT BIT PAVEMENT		24.0		85-100		1969	209	20			
	1.5	HOT BIT PAVEMENT		27.0		120-150		1983	763	5			
		HOT BIT PAVEMENT CONTRACT CHIP SEAL	9.0		7.0			1983					
		INT CONT PATCH-1.5"		29.0		RC-800		1984	145				
		CONTRACT CHIP SEAL		27.0		85-100	29	1997			1480	1	
		CONTRACT CHIP SEAL	3.0	24.0	9.0	MC-3000P	43	1997	140				
	1.5	HOT BIT PAVEMENT		27.0		PG 58-28	31	2002	832	5	14050	1	
		INT CONT PATCH-1.5"		27.0		PG 58-28	27	2008	578		17348	1	
	2.0	HBP-SUPERPAVE-FAA 45		41.0		PG 58-28	SP	2010	1646	10	17106	1	
		FEDERAL AID SAND SEAL	7.0		9.0	CRS2P	45	2011			17350	1	
		MICROSURFACING		25.0		AE	MC	2011	542	7	17350	1	
	-2.0	MILLING		41.0				2020			17378	1	
		CONTRACT SAND SEAL	6.0		8.0	AE	45	2020			17378	1	
		MICROSURFACING		27.0		CRS2P	MC	2020			17378	1	
	3.0	RAP-SUPERPAVE FAA 45		41.0		PG58H-34	SP	2020	2993	10	17378	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		111.000	0.3270	113.000	0.3680	2.0403	2.0	24.0	7.0	7.5	16.0	48.0	31.0	449	3154 2023	353	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI
WILTON NORTH																			2015	DIST 93	RIDE 3.51	PRPI	GOOD	IRI	83				
																			2016	DIST 99	RIDE 4.66	PRPI	EXCL	IRI	31				
																			2017	DIST 93	RIDE 4.22	PRPI	GOOD	IRI	51				
																			2018	DIST 95	RIDE 4.32	PRPI	GOOD	IRI	46				
																			2019	DIST 97	RIDE 4.40	PRPI	GOOD	IRI	43				
																			2020	DIST 93	RIDE 4.29	PRPI	GOOD	IRI	48				
																			2021	DIST 91	RIDE 4.24	PRPI	GOOD	IRI	50				
																			2022	DIST 91	RIDE 4.16	PRPI	GOOD	IRI	54				
																			2023	DIST 87	RIDE 4.03	PRPI	GOOD	IRI	60				
																			2024	DIST 82	RIDE 3.88	PRPI	GOOD	IRI	66				

2010 PCN 17956 - CONSTRUCT RIGHT TURN LANE STATION 5882+37.91  
2017 PCN\_18842 - JOINTBOND APPLIED CENTERLINE STARTING AT RPT 112.000  
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
112	3.77	82	0.15	71.00	GOOD	N/A	N/A	9	0	4	4	0	0	0
113	3.99	82	0.14	61.00	GOOD	N/A	N/A	6	0	5	6	0	0	0
AVG	3.88	82	0.15	66.00	GOOD	N/A	N/A	8	0	5	5	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979	351				
	C-C 104 FEET						1979					
2.0	AGGREGATE BASE		37.0				1980					
16.0	BLENDED BASE		30.0				2000	6483		922	1	
3.5	HOT BIT PAVEMENT		35.0		PG 58-28	31	2000		20	922	1	
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	2000		20	922	1	
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
-1.0	MILLING		30.0				2016			18842	1	
3.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	7.0	PG 64-28	SP	2016	397	20	18842	1	
	FEDERAL AID SAND SEAL	1.6		6.7	CRS2P	45	2017			21517	1	
	MICROSURFACING		25.0		AE	MC	2017	83	7	21517	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	N		113.000	0.3680	117.000	0.4620	4.0994	2.0	24.0	7.0	7.5	16.0	48.0	31.0	400	2840 2023	280	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI
N OF WILTON NORTH																		2015	DIST	91	RIDE	3.46	PRPI	GOOD	IRI	85			
																		2016	DIST	99	RIDE	4.69	PRPI	EXCL	IRI	30			
																		2017	DIST	93	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2018	DIST	95	RIDE	4.28	PRPI	GOOD	IRI	48			
																		2019	DIST	97	RIDE	4.35	PRPI	GOOD	IRI	46			
																		2020	DIST	94	RIDE	4.27	PRPI	GOOD	IRI	49			
																		2021	DIST	92	RIDE	4.22	PRPI	GOOD	IRI	51			
																		2022	DIST	93	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2023	DIST	88	RIDE	4.03	PRPI	GOOD	IRI	59			
																		2024	DIST	85	RIDE	3.88	PRPI	GOOD	IRI	66			

1996 SEAL-INTERMITENT.  
2017 PCN 18842 - JOINTBOND APPLIED TO CENTERLINE ENTIRE SEGMENT.  
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
114	4.00	85	0.13	61.00	GOOD	N/A	N/A	6	0	3	5	0	0	0
115	3.89	84	0.14	66.00	GOOD	N/A	N/A	6	0	4	5	0	0	0
116	3.80	85	0.15	70.00	GOOD	N/A	N/A	6	0	3	5	0	0	0
117	3.83	85	0.15	68.00	GOOD	N/A	N/A	6	0	3	5	0	0	0
AVG	3.88	85	0.14	66.25	GOOD	N/A	N/A	6	0	3	5	0	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 104 FEET		36.0				1939					
16.0	BLENDED BASE		30.0				2000	1592		922		1
3.5	HOT BIT PAVEMENT		35.0		PG 58-28	31	2000		20	922		1
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	2000		20	922		1
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777		1
-1.0	MILLING		30.0				2016			18842		1
3.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	7.0	PG 64-28	SP	2016	798	20	18842		1
	FEDERAL AID SAND SEAL	1.6		6.7	CRS2P	45	2017			21517		1
	MICROSURFACING		25.0		AE	MC	2017	167	7	21517		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	83	N		117.000	0.4620	121.262	0.6713	4.2398	2.0	24.0	7.0	7.5	16.0	48.0	31.0	392	2879 2023	280	9	9			FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI				
N OF WILTON TO WASHBURN																			2015	DIST	90	RIDE	3.67	PRPI	GOOD	IRI	75							
																			2016	DIST	99	RIDE	4.71	PRPI	EXCL	IRI	29							
																			2017	DIST	93	RIDE	4.31	PRPI	GOOD	IRI	47							
																			2018	DIST	96	RIDE	4.38	PRPI	GOOD	IRI	44							
																			2019	DIST	97	RIDE	4.48	PRPI	GOOD	IRI	40							
																			2020	DIST	96	RIDE	4.41	PRPI	GOOD	IRI	42							
																			2021	DIST	92	RIDE	4.37	PRPI	GOOD	IRI	44							
																			2022	DIST	93	RIDE	4.29	PRPI	GOOD	IRI	48							
																			2023	DIST	93	RIDE	4.18	PRPI	GOOD	IRI	52							
																			2024	DIST	86	RIDE	4.04	PRPI	GOOD	IRI	59							

2017 PCN 18842 - JOINTBOND APPLIED TO CENTERLINE ENDING AT RPT 120.000  
 2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
118	4.10	84	0.15	56.00	GOOD	N/A	N/A	6	0	4	5	0	0	0	0
119	3.96	88	0.13	63.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0
120	4.02	87	0.15	60.00	GOOD	N/A	N/A	3	0	4	5	0	0	0	0
121	4.09	84	0.14	57.00	GOOD	N/A	N/A	6	0	4	5	0	0	0	0
AVG	4.04	86	0.14	59.00	GOOD	N/A	N/A	5	0	4	5	0	0	0	0

9 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE		
GRADE	48.0					1979	736			
16.0 BLENDED BASE	30.0					2000	1647		922	1
3.5 HOT BIT PAVEMENT	35.0			PG 58-28	31	2000		20	922	1
2.0 HOT BIT PAVEMENT	35.0			PG 58-34	31	2000		20	922	1
FEDERAL AID CHIP SEAL	24.0			MC-3000	43	2002			14777	1
-1.0 MILLING	30.0					2016			18842	1
3.0 HBP-SUPERPAVE-FAA 45	2.0	24.0	7.0	PG 64-28	SP	2016	825	20	18842	1
FEDERAL AID SAND SEAL	1.6			CRS2P	45	2017			21517	1
MICROSURFACING	25.0			AE	MC	2017	173	7	21517	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	83	N		121.262	0.6713	123.000	0.4090	1.7020	2.0	24.0	7.0	5.5	16.0	48.0	31.0	345	3100 2023	293	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI				
N OF WILTON TO S OF WASHBURN																		2015		DIST	91	RIDE	3.12	PRPI	GOOD	IRI	102						
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2016		DIST	99	RIDE	4.65	PRPI	EXCL	IRI	32						
																		2017		DIST	93	RIDE	4.23	PRPI	GOOD	IRI	50						
																		2018		DIST	95	RIDE	4.29	PRPI	GOOD	IRI	48						
																		2019		DIST	93	RIDE	4.43	PRPI	GOOD	IRI	42						
																		2020		DIST	90	RIDE	4.36	PRPI	GOOD	IRI	45						
																		2021		DIST	88	RIDE	4.30	PRPI	GOOD	IRI	48						
																		2022		DIST	92	RIDE	4.23	PRPI	GOOD	IRI	51						
																		2023		DIST	92	RIDE	4.10	PRPI	GOOD	IRI	56						
																		2024		DIST	83	RIDE	3.89	PRPI	GOOD	IRI	66						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
122	3.76	83	0.15	72.00	GOOD	N/A	N/A	6	0	5	5	0	0
123	4.02	83	0.12	60.00	GOOD	N/A	N/A	6	0	5	5	0	0
AVG	3.89	83	0.14	66.00	GOOD	N/A	N/A	6	0	5	5	0	0

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
16.0	GRADE		36.0				1939					
16.0	BLENDED BASE		30.0				2000	661		922	1	
3.5	HOT BIT PAVEMENT		35.0		PG 58-28	31	2000		20	922	1	
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	2000		20	922	1	
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
-1.0	MILLING		30.0				2016			18842	1	
3.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	7.0	PG 64-28	SP	2016	331	20	18842	1	
	FEDERAL AID SAND SEAL	1.6		6.7	CRS2P	45	2017			21517	1	
	MICROSURFACING		25.0		AE	MC	2017	69	7	21517	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	83	N		123.000	0.4090	127.000	0.7360	4.3288	2.0	24.0	7.0	5.5	16.0	48.0	31.0	345	3129 2023	293	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI							
S OF WASHBURN NORTH TO WASHBURN																		2015	DIST	91	RIDE	3.84	PRPI	GOOD	IRI	68										
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2016	DIST	99	RIDE	4.62	PRPI	EXCL	IRI	33										
																		2017	DIST	93	RIDE	4.23	PRPI	GOOD	IRI	50										
																		2018	DIST	95	RIDE	4.26	PRPI	GOOD	IRI	49										
																		2019	DIST	94	RIDE	4.34	PRPI	GOOD	IRI	46										
																		2020	DIST	94	RIDE	4.32	PRPI	GOOD	IRI	46										
																		2021	DIST	92	RIDE	4.25	PRPI	GOOD	IRI	50										
																		2022	DIST	93	RIDE	4.23	PRPI	GOOD	IRI	51										
																		2023	DIST	94	RIDE	4.12	PRPI	GOOD	IRI	56										
																		2024	DIST	85	RIDE	4.01	PRPI	GOOD	IRI	60										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	LC	RIDE TC	DISTRESS BC	& RW	RUT BP	RT
124	4.10	83	0.14	56.00	GOOD	N/A	N/A	6	0	5	5	0	0	0
125	4.12	85	0.14	56.00	GOOD	N/A	N/A	6	0	4	4	0	0	0
126	3.96	86	0.14	63.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
127	3.84	85	0.13	68.00	GOOD	N/A	N/A	6	0	3	5	0	0	0
AVG	4.01	85	0.14	60.75	GOOD	N/A	N/A	6	0	4	5	0	0	0

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979	877				
	C-C 104 FEET						1979					
2.0	AGGREGATE BASE		37.0				1980					
16.0	BLENDED BASE		30.0				2000	1681		922	1	
3.5	HOT BIT PAVEMENT		35.0		PG 58-28	31	2000		20	922	1	
2.0	AGGREGATE BASE		37.0		PG 58-34	31	2000			922	1	
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
-1.0	MILLING		30.0				2016			18842	1	
3.0	HBP-SUPERPAVE-FAA 45	2.0	24.0	7.0	PG 64-28	SP	2016	825	20	18842	1	
	FEDERAL AID SAND SEAL	1.6		6.7	CRS2P	45	2017			21517	1	
	MICROSURFACING		25.0		AE	MC	2017	176	7	21517	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY SYS	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	83	N		127.000	0.7360	128.000	0.0128	0.2780	3.0	24.0	8.0	7.5	16.0	48.0	35.0	345	3180 2023	462	25	22		FLEX	ASPHT	RIC	1	2000	2014	2016	MICROSURFACI																					
WASHBURN N																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1981	20				
2.0	AGGREGATE BASE		37.0				1981					
5.0	AGGREGATE BASE		38.0			03	2000			922	1	
16.0	BLENDED BASE		30.0				2000	107		922	1	
3.5	HOT BIT PAVEMENT		35.0		PG 58-28	31	2000		20	922	1	
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	2000		20	922	1	
-1.0	MILLING		30.0				2014			18061	1	
3.0	HBP-SUPERPAVE-FAA 45 FEDERAL AID SAND SEAL	3.0	24.0	8.0	PG 64-28	SP	2014	81	10	18061	1	
	MICROSURFACING	2.5	25.0	7.5	CRS2P	45	2016			21269	1	
					AE	MC	2016	13	7	21269	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
1	83	N		128.000	0.0128	141.000	0.0107	12.9971	3.0	24.0	10.0	8.3	8.0	48.0	38.5	471	2778 2023	333	34	14		FLEX	ASPHT	RIC	1	1991	2016	2024	MICROSURFACI																			
WASHBURN N TO N JCT 200 E OF UNDERWO																		2015	DIST	93	RIDE	4.41	PRPI	GOOD	IRI	43																						
PCN 14820 YR-2002 - RUMBLE STRIPS ON ASPHALT SHOULDER																		2016	DIST	93	RIDE	4.27	PRPI	GOOD	IRI	49																						
PCN 17335 2008 - TURN LANE RECONSTRUCTION AT FALKIRK MINE ROAD.																		2017	DIST	89	RIDE	4.21	PRPI	GOOD	IRI	51																						
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2018	DIST	97	RIDE	4.08	PRPI	GOOD	IRI	57																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
128	3.87	99	0.04	67.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
129	4.01	99	0.09	60.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
130	4.03	99	0.09	59.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
131	3.97	99	0.08	63.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
132	3.90	99	0.09	66.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
133	3.94	99	0.07	64.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
134	3.99	99	0.09	61.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
135	3.97	99	0.09	63.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
136	3.88	99	0.08	67.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
137	3.72	99	0.09	74.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
138	4.02	99	0.08	60.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
139	3.97	99	0.08	63.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
140	3.80	99	0.10	70.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
AVG	3.93	99	0.08	64.38	GOOD	N/A	N/A	0	0	0	0	0	0	0	0

18 OCCURS	LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSWL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0 AGGREGATE BASE	48.0	37.0				1981	955				
C-C 84 FEET						1981					
2.0 RECYCLED HOT BIT PAVMNT		30.0		200-300		1982		10			
1.5 HOT BIT PAVEMENT		27.0		120-150		1982	1551	20			
-.8 MILLING		27.0				1991					
2.5 HOT BIT PAVEMENT		27.0		120-150		1991		20			
1.8 SALVAGED AGGR BASE	3.0		7.0			1991					
INT CONT PATCH-1.25"		27.0		120-150		1994	10				
CONTRACT CHIP SEAL		40.0				1995	177				
1.5 HOT BIT PAVEMENT	3.0	24.0	10.0	PG 58-28	31	2002	577	5	14820	1	
FEDERAL AID CHIP SEAL		38.0		MC-3000P	43	2005	269		16031	1	
-1.0 MILLING		30.0				2014			18061	1	
3.0 HBP-SUPERPAVE-FAA 45	3.0	24.0	10.0	PG 64-28	SP	2014	3767	10	18061	1	
FEDERAL AID SAND SEAL	2.5		7.5	CRS2P	45	2016			21269	1	
MICROSURFACING		25.0		AE	MC	2016	585	7	21269	1	
-.5 MICROMILL		25.5				2024			23461	1	
MICROSURFACING		25.5		AE	MC	2024	1071	7	23461	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																	
1	83	N		141.000	0.0107	147.556	0.0000	3.1997	3.0	24.0	10.0	6.8	8.0	48.0	37.0	400	2290 2023	320	34	14		FLEX	ASPHT	RIC	1	1991	2016	2024	MICROSURFACI																	
JCT 200 E UNDERWOOD TO N JCT 200 W.																		2015	DIST 92	RIDE 4.36	PRPI	GOOD	IRI	45																						
																			2016	DIST 89	RIDE 4.11	PRPI	GOOD	IRI	56																					
																			2017	DIST 89	RIDE 4.07	PRPI	GOOD	IRI	58																					
																			2018	DIST 96	RIDE 3.93	PRPI	GOOD	IRI	63																					
																			2019	DIST 92	RIDE 4.06	PRPI	GOOD	IRI	58																					
																			2020	DIST 88	RIDE 3.93	PRPI	GOOD	IRI	64																					
																			2021	DIST 85	RIDE 3.89	PRPI	GOOD	IRI	66																					
																			2022	DIST 90	RIDE 3.80	PRPI	GOOD	IRI	69																					
																			2023	DIST 87	RIDE 3.72	PRPI	GOOD	IRI	73																					
																			2024	DIST 97	RIDE 3.83	PRPI	GOOD	IRI	68																					

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
141	3.83	99	0.09	69.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
142	4.02	99	0.08	60.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
143	3.90	99	0.07	65.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
144	3.58	91	0.14	80.00	GOOD	N/A	N/A	3	0	1	4	0	0	0
AVG	3.83	97	0.10	68.50	GOOD	N/A	N/A	1	0	0	1	0	0	0

17 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	8.0	AGGREGATE BASE	37.0					1981	235				
		C-C 84 FEET						1981					
	2.0	RECYCLED HOT BIT PAVMNT		30.0		200-300		1982		10			
	1.5	HOT BIT PAVEMENT		27.0		120-150		1982	382	20			
	- .8	MILLING		27.0				1991					
	2.5	HOT BIT PAVEMENT		27.0		120-150		1991		20			
	1.8	SALVAGED AGGR BASE		3.0		7.0		1991					
		INT CONT PATCH-1.25"		27.0		120-150		1994		2			
		CONTRACT CHIP SEAL		40.0				1995		44			
		FEDERAL AID CHIP SEAL		38.0		MC-3000P	43	2005	66		16031		1
	-1.0	MILLING		30.0				2014			18061		1
	3.0	HBP-SUPERPAVE-FAA 45		3.0	24.0	10.0	PG 64-28	SP	2014	927	10	18061	1
		FEDERAL AID SAND SEAL		2.5		7.5	CRS2P	45	2016			21269	1
		MICROSURFACING		25.0			AE	MC	2016	144	7	21269	1
	- .5	MICROMILL		25.5				2024				23461	1
		MICROSURFACING		25.5			AE	MC	2024	264	7	23461	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	83	S		88.998	0.0000	89.000	0.8320	0.8404		36.0		10.0	24.0	42.0	36.0	297	17776 2022	286	22	12		CONCR	JOINT	UIC	1	2003	2012	2023	CPR_ONLY																					
JCT I-94 NORTH (W LANE)																			2015	DIST	87	RIDE	2.45	PRPI	POOR	IRI	135																							
																			2016	DIST	92	RIDE	2.33	PRPI	POOR	IRI	142																							
																			2017	DIST	92	RIDE	2.07	PRPI	POOR	IRI	156																							
																			2018	DIST	88	RIDE	2.41	PRPI	POOR	IRI	137																							
																			2019	DIST	82	RIDE	2.40	PRPI	POOR	IRI	138																							
																			2020	DIST	90	RIDE	2.45	PRPI	POOR	IRI	135																							
																			2021	DIST	93	RIDE	2.44	PRPI	POOR	IRI	135																							
																			2022	DIST	92	RIDE	2.48	PRPI	POOR	IRI	133																							
																			2023	DIST	93	RIDE	3.62	PRPI	GOOD	IRI	78																							
																			2024	DIST	94	RIDE	3.65	PRPI	GOOD	IRI	77																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
89	3.65	94	N/A	77.00	GOOD	0.08	62	0	0	0	1	1	2	0	0	1
AVG	3.65	94	N/A	77.00	GOOD	0.08	62	0	0	0	1	1	2	0	0	1

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
24.0	BLENDED BASE		60.0				2003			12302	1	
10.0	NON-REINF PCC		40.0				2003			12302	1	
	CURB & GUTTER FACE-FACE		36.0		AE	S4	2003	3146	30	12302	1	
	DOWELED		36.0				2003			12302	1	
	CONCRETE PAVEMENT REPAIR		36.0				2012	372	10	18480	1	
	GRINDING		36.0				2023	2227		22770	1	
	CONCRETE PAVEMENT REPAIR						2023		10	22770	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	S		89.000	0.8320	105.000	0.3280	15.4857	9.0	24.0	2.0	10.7	8.0	48.0	35.0	405	5119 2023	312	35	15		FLEX	ASPHT	RIC	1	1990	2010	2020	RAP-FAA 45
BISMARCK N TO S OF WILTON																			2015	DIST 89	RIDE 3.75	PRPI	GOOD	IRI	72				
2009 PCN 17262 - NEW CONSTRUCTION OF TURN LANES AND EXTENSIONS OF TURN LANES.																			2016	DIST 92	RIDE 3.71	PRPI	GOOD	IRI	74				
																			2017	DIST 87	RIDE 3.59	PRPI	GOOD	IRI	79				
																			2018	DIST 90	RIDE 3.44	PRPI	GOOD	IRI	86				
																			2019	DIST 85	RIDE 3.62	PRPI	GOOD	IRI	78				
																			2020	DIST 99	RIDE 4.35	PRPI	GOOD	IRI	45				
																			2021	DIST 99	RIDE 4.35	PRPI	GOOD	IRI	45				
																			2022	DIST 98	RIDE 4.34	PRPI	GOOD	IRI	45				
																			2023	DIST 96	RIDE 4.28	PRPI	GOOD	IRI	48				
																			2024	DIST 97	RIDE 4.20	PRPI	GOOD	IRI	52				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
90	4.01	89	0.18	61.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	6
91	3.90	90	0.18	65.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0	6
92	4.04	98	0.14	59.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
93	4.24	97	0.13	51.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
94	4.22	97	0.14	51.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
95	4.24	98	0.15	51.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
96	4.17	97	0.15	53.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
97	4.12	97	0.14	56.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
98	4.32	97	0.14	47.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
99	4.29	98	0.14	48.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
100	4.10	98	0.15	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
101	4.34	98	0.17	46.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
102	4.30	97	0.15	48.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	0
103	4.35	98	0.13	46.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
104	4.24	98	0.15	50.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
105	4.35	98	0.16	46.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
AVG	4.20	97	0.15	52.13	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	1

18 OCCURS	DPNTH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1979	1183				
	8.0	AGGREGATE BASE		37.0				1980					
	4.5	HOT BIT PAVEMENT		27.0		120-150		1980	1957	20			
		DRIVE SLOPE FLATTENING						1990	99				
	-1.3	MILLING		27.0				1990					
	3.0	HOT BIT PAVEMENT		27.0		120-150		1990	1234	20			
	3.0	SALVAGED AGGR BASE	7.0		3.0			1990					
		CONTRACT CHIP SEAL		27.0				1993	86				
		CONTRACT CHIP SEAL	10.0		3.0			1993	42				
		INT CONT PATCH-1.5"		27.0		85-100	29	1997	8				
	1.5	HOT BIT PAVEMENT		27.0		PG 58-28	31	2002	1245	5	14050	1	
	2.0	HBP-SUPERPAVE-FAA 45		35.0		PG 58-28	SP	2010	2383	10	17106	1	
		FEDERAL AID SAND SEAL	8.5		1.5	CRS2P	45	2011			18062	1	
		MICROSURFACING		25.0		AE	MC	2011	785		18062	1	
	-2.0	MILLING		37.0				2020			21627	1	
		CONTRACT SAND SEAL	9.0		2.0	CRS2P	45	2020			21627	1	
		MICROSURFACING		24.0		AE	MC	2020			21627	1	
	3.0	RAP-SUPERPAVE FAA 45		37.0		PG58H-34	SP	2020	4336	10	21627	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	S		105.000	0.3280	111.000	0.3280	5.9922	9.0	24.0	2.0	9.5	8.0	48.0	35.0	434	3426 2023	302	35	15		FLEX	ASPHT	RIC	1	1990	2010	2020	RAP-FAA 45
S OF WILTON TO WILTON																													
2010 PCN 17956 - CONSTRUCT TURN LANES STATION 5842+42.56 TO 5849+72.93																													
																				2015	DIST 86	RIDE 3.86	PRPI	GOOD	IRI 67				
																				2016	DIST 93	RIDE 4.00	PRPI	GOOD	IRI 60				
																				2017	DIST 88	RIDE 3.89	PRPI	GOOD	IRI 66				
																				2018	DIST 89	RIDE 3.84	PRPI	GOOD	IRI 68				
																				2019	DIST 85	RIDE 3.96	PRPI	GOOD	IRI 63				
																				2020	DIST 98	RIDE 4.45	PRPI	GOOD	IRI 40				
																				2021	DIST 98	RIDE 4.47	PRPI	GOOD	IRI 40				
																				2022	DIST 96	RIDE 4.45	PRPI	GOOD	IRI 41				
																				2023	DIST 93	RIDE 4.38	PRPI	GOOD	IRI 44				
																				2024	DIST 94	RIDE 4.34	PRPI	GOOD	IRI 46				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
106	4.47	98	0.18	40.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
107	4.37	95	0.15	45.00	GOOD	N/A	N/A	3	0	0	1	0	0	0	0	0
108	4.38	97	0.16	44.00	GOOD	N/A	N/A	0	0	1	1	0	0	0	0	0
109	4.38	98	0.14	44.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0
110	4.41	93	0.14	43.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0
111	4.03	84	0.15	60.00	GOOD	N/A	N/A	9	0	3	3	0	0	0	0	0
AVG	4.34	94	0.15	46.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0

19 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979	907				
6.0	POZ-O-PAC		27.0				1980					
2.0	AGGREGATE BASE		46.0				1980					
3.0	HOT BIT PAVEMENT		27.0				1980	757	20			
	DRIVE SLOPE FLATTENING						1990	39				
-1.3	MILLING		27.0				1990					
3.0	HOT BIT PAVEMENT		27.0		120-150		1990	477	20			
3.0	SALVAGED AGGR BASE	7.0		3.0			1990					
	CONTRACT CHIP SEAL		27.0				1993	86				
	CONTRACT CHIP SEAL	10.0		3.0			1993	42				
	INT CONT PATCH-1.5"		27.0		85-100	29	1997	36				
1.5	HOT BIT PAVEMENT		27.0		PG 58-28	31	2002	499	5	14050	1	
2.0	HBP-SUPERPAVE-FAA 45		35.0		PG 58-28	SP	2010	93	10	17106	1	
	FEDERAL AID SAND SEAL	8.5		1.5	CRS2P	45	2011			18062	1	
	MICROSURFACING		25.0		AE	MC	2011	304		18062	1	
-2.0	MILLING		37.0				2020			21627	1	
	CONTRACT SAND SEAL	9.0		2.0	CRS2P	45	2020			21627	1	
	MICROSURFACING		24.0		AE	MC	2020			21627	1	
3.0	RAP-SUPERPAVE FAA 45		37.0		PG58H-34	SP	2020	842	10	21627	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	S		111.000	0.3280	117.000	0.4620	6.1128	7.0	24.0	2.0	7.5	16.0	48.0	31.0	410	2903 2023	266	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI
WILTON NORTH																													
																		2015	DIST	78	RIDE	3.41	PRPI	GOOD	IRI	88			
																		2016	DIST	99	RIDE	4.63	PRPI	EXCL	IRI	33			
																		2017	DIST	99	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2018	DIST	96	RIDE	4.33	PRPI	GOOD	IRI	46			
																		2019	DIST	94	RIDE	4.43	PRPI	GOOD	IRI	42			
																		2020	DIST	92	RIDE	4.37	PRPI	GOOD	IRI	44			
																		2021	DIST	90	RIDE	4.35	PRPI	GOOD	IRI	45			
																		2022	DIST	89	RIDE	4.27	PRPI	GOOD	IRI	49			
																		2023	DIST	82	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2024	DIST	83	RIDE	4.04	PRPI	GOOD	IRI	59			

2017 PCN 18842 - JOINTBOND APPLIED TO CENTERLINE STARTING AT RPT 112  
2020 PCN 22468 - MICROSURFACING RP 116.793 TO 117.00  
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
112	3.94	85	0.13	64.00	GOOD	N/A	N/A	9	0	2	3	0	0	0
113	4.11	85	0.15	56.00	GOOD	N/A	N/A	9	0	2	3	0	0	0
114	4.03	84	0.15	59.00	GOOD	N/A	N/A	9	0	3	3	0	0	0
115	4.01	79	0.17	60.00	GOOD	N/A	N/A	9	0	3	2	0	0	6
116	4.09	83	0.16	57.00	GOOD	N/A	N/A	9	0	4	3	0	0	0
117	4.06	84	0.14	59.00	GOOD	N/A	N/A	9	0	3	3	0	0	0
AVG	4.04	83	0.15	59.17	GOOD	N/A	N/A	9	0	3	3	0	0	1

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979	1069				
5.0	AGGREGATE BASE		37.0				1980					
16.0	BLENDED BASE		30.0				1999	1712		918	1	
3.5	HOT BIT PAVEMENT		35.0		120-150	31	1999		20	918	1	
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	1999		20	918	1	
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
-1.0	MILLING		30.0				2016			18842	1	
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	2.0	PG 64-28	SP	2016	1190	20	18842	1	
	FEDERAL AID SAND SEAL	6.7		1.6	CRS2P	45	2017			21517	1	
	MICROSURFACING		25.0		AE	MC	2017	249	7	21517	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	S		117.000	0.4620	122.000	0.2620	4.8070	7.0	24.0	2.0	7.5	16.0	48.0	31.0	388	2863 2023	266	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI
WILTON NORTH																			2015	DIST 80	RIDE 3.40	PRPI GOOD	IRI 88						
																			2016	DIST 99	RIDE 4.63	PRPI EXCL	IRI 33						
																			2017	DIST 99	RIDE 4.29	PRPI GOOD	IRI 48						
																			2018	DIST 97	RIDE 4.32	PRPI GOOD	IRI 46						
																			2019	DIST 96	RIDE 4.43	PRPI GOOD	IRI 41						
																			2020	DIST 95	RIDE 4.37	PRPI GOOD	IRI 44						
																			2021	DIST 87	RIDE 4.34	PRPI GOOD	IRI 45						
																			2022	DIST 93	RIDE 4.32	PRPI GOOD	IRI 47						
																			2023	DIST 81	RIDE 4.24	PRPI GOOD	IRI 50						
																			2024	DIST 84	RIDE 4.15	PRPI GOOD	IRI 54						

2017 PCN 18842 - JOINTBOND APPLIED TO CENTERLINE ENDING AT RPT 120.000  
 2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
118	4.25	83	0.15	50.00	GOOD	N/A	N/A	9	0	4	3	0	0	0	0
119	4.09	84	0.16	57.00	GOOD	N/A	N/A	9	0	4	2	0	0	0	0
120	4.10	84	0.17	57.00	GOOD	N/A	N/A	9	0	3	3	0	0	0	0
121	4.16	87	0.14	54.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0
122	4.15	84	0.15	54.00	GOOD	N/A	N/A	9	0	3	3	0	0	0	0
AVG	4.15	84	0.15	54.40	GOOD	N/A	N/A	8	0	3	3	0	0	0	0

10 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	36.0					1939					
	2.5	STABILIZED BASE	32.0					1941					
	16.0	BLENDED BASE	32.0					1999			918	1	
	3.5	HOT BIT PAVEMENT	35.0			120-150	31	1999	4588	20	918	1	
	2.0	HOT BIT PAVEMENT	35.0			PG 58-34	31	1999		20	918	1	
		FEDERAL AID CHIP SEAL	24.0			MC-3000	43	2002			14777	1	
	-1.0	MILLING	30.0					2016			18842	1	
	3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	2.0	PG 64-28	SP	2016	690	20	18842	1	
		FEDERAL AID SAND SEAL	6.7		1.6	CRS2P	45	2017			21517	1	
		MICROSURFACING		25.0		AE	MC	2017	196	7	21517	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	83	S		122.000	0.2620	125.000	0.8280	3.5420	7.0	24.0	2.0	7.5	16.0	48.0	31.0	420	3025 2023	286	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI							
SOUTH OF WASHBURN TO NEAR WASHBURN																		2015	DIST	80	RIDE	3.20	PRPI	GOOD	IRI	97										
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2016	DIST	99	RIDE	4.69	PRPI	EXCL	IRI	30										
																		2017	DIST	99	RIDE	4.32	PRPI	GOOD	IRI	47										
																		2018	DIST	97	RIDE	4.34	PRPI	GOOD	IRI	46										
																		2019	DIST	93	RIDE	4.47	PRPI	GOOD	IRI	40										
																		2020	DIST	90	RIDE	4.43	PRPI	GOOD	IRI	42										
																		2021	DIST	87	RIDE	4.38	PRPI	GOOD	IRI	44										
																		2022	DIST	91	RIDE	4.31	PRPI	GOOD	IRI	47										
																		2023	DIST	83	RIDE	4.21	PRPI	GOOD	IRI	51										
																		2024	DIST	83	RIDE	4.13	PRPI	GOOD	IRI	55										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
123	4.18	84	0.14	53.00	GOOD	N/A	N/A	9	0	4	2	0	0
124	4.09	82	0.16	57.00	GOOD	N/A	N/A	6	0	3	2	0	0
125	4.11	82	0.17	56.00	GOOD	N/A	N/A	6	0	3	2	0	0
AVG	4.13	83	0.16	55.33	GOOD	N/A	N/A	7	0	3	2	0	4

12 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1979	631				
		C-C 104 FEET						1979					
	2.0	AGGREGATE BASE		37.0				1980					
		SUBCUT AREAS						1999	992		918	1	
	16.0	BLENDED BASE		30.0				1999			918	1	
	3.5	HOT BIT PAVEMENT		35.0		120-150	31	1999		20	918	1	
	2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	1999		20	918	1	
		FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
	-1.0	MILLING		30.0				2016			18842	1	
	3.0	HBP-SUPERPAVE-FAA 45		7.0	24.0	2.0	PG 64-28	SP	2016	690	20	18842	1
		FEDERAL AID SAND SEAL		6.7		1.6	CRS2P	45	2017			21517	1
		MICROSURFACING		25.0		AE	MC	2017	144	7	21517	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	83	S		125.000	0.8280	127.000	0.7360	1.9180	7.0	24.0	2.0	7.5	5.0	50.0	31.0	420	3046 2023	286	9	9		FLEX	ASPHT	RIC	1	2016	2017	2017	MICROSURFACI							
NEAR WASHBURN TO WASHBURN																		2015	DIST	82	RIDE	3.47	PRPI	GOOD	IRI	85										
																		2016	DIST	94	RIDE	4.58	PRPI	EXCL	IRI	35										
																		2017	DIST	94	RIDE	4.08	PRPI	GOOD	IRI	57										
																		2018	DIST	97	RIDE	4.08	PRPI	GOOD	IRI	57										
																		2019	DIST	92	RIDE	4.11	PRPI	GOOD	IRI	56										
																		2020	DIST	90	RIDE	4.20	PRPI	GOOD	IRI	52										
																		2021	DIST	90	RIDE	4.17	PRPI	GOOD	IRI	53										
																		2022	DIST	93	RIDE	4.14	PRPI	GOOD	IRI	55										
																		2023	DIST	80	RIDE	4.05	PRPI	GOOD	IRI	59										
																		2024	DIST	81	RIDE	4.01	PRPI	GOOD	IRI	60										
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																																				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
126	4.10	78	0.18	57.00	GOOD	N/A	N/A	9	0	3	3	0	6
127	3.92	84	0.14	64.00	GOOD	N/A	N/A	9	0	2	4	0	0
AVG	4.01	81	0.16	60.50	GOOD	N/A	N/A	9	0	3	4	0	3

16 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				1973	142				
3.0	AGGREGATE BASE		48.0				1973					
	C-C 104 FEET						1973					
5.0	LIME TREATED SUBGRADE		47.0				1974					
1.5	HOT BIT PAVEMENT		24.0		200-300		1974	220				
1.5	HOT BIT PAVEMENT		46.0		200-300		1974					
1.0	HOT BIT PAVEMENT		24.0		120-150		1975	39	20			
	CONTRACT CHIP SEAL		46.0		MC-3000		1985	26				
-2.5	MILLING		32.0				1999	537		918	1	
4.5	HOT BIT PAVEMENT		35.0		120-150	31	1999		20	918	1	
2.0	HOT BIT PAVEMENT		35.0		PG 58-34	31	1999		20	918	1	
	FEDERAL AID CHIP SEAL		24.0		MC-3000	43	2002			14777	1	
-1.0	MILLING		30.0				2016			18842	1	
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	2.0	PG 64-28	SP	2016	373	20	18842	1	
	FEDERAL AID SAND SEAL	6.7		1.7	CRS2P	45	2017			21517	1	
	MICROSURFACING		25.0		AE	MC	2017	78	7	21517	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	83	S		127.000	0.7360	141.000	0.0107	13.2709	10.0	24.0	9.0	8.5	8.0	50.0	43.0	464	2736 2023	221	34	14		FLEX	ASPHT	RIC	1	1991	2016	2024	MICROSURFACI																				
WASHBURN N TO JCT 200 E AT UNDERWOOD																		2015	DIST	93	RIDE	4.44	PRPI	GOOD	IRI	41																							
PCN 17336 2008 - TURN LANE RECONSTRUCTION AT FALKIRK MINE ROAD.																		2016	DIST	93	RIDE	4.24	PRPI	GOOD	IRI	50																							
2020 PCN 22467 - BISMARCK SAFETY CORRIDOR RP 111.357 TO 129.60																		2017	DIST	90	RIDE	4.22	PRPI	GOOD	IRI	51																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
128	3.71	99	0.07	74.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
129	3.97	99	0.09	63.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
130	4.04	99	0.10	59.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
131	4.04	99	0.10	59.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
132	4.00	99	0.11	61.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
133	3.93	99	0.09	64.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
134	4.02	99	0.07	60.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
135	4.17	99	0.08	53.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
136	4.02	99	0.10	60.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
137	3.94	99	0.11	64.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
138	4.16	99	0.11	54.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
139	4.12	99	0.12	55.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
140	3.71	99	0.10	74.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
AVG	3.99	99	0.10	61.54	GOOD	N/A	N/A	0	0	0	0	0	0	0

20 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	AGGREGATE BASE		50.0	48.0			1973	714				
	C-C 104 FEET						1973					
5.0	LIME TREATED SUBGRADE		47.0				1974					
1.5	HOT BIT PAVEMENT		24.0		200-300		1974	1104				
1.5	HOT BIT PAVEMENT		46.0		200-300		1974					
1.0	HOT BIT PAVEMENT		24.0		120-150		1975	197	20			
-.8	MILLING		24.0				1991					
2.5	HOT BIT PAVEMENT		38.0		120-150		1991		20			
2.3	SALVAGED AGGR BASE	10.0		9.0			1991					
	RALUMAC						1992	6				
	CONTRACT CHIP SEAL		40.0				1995	181				
1.5	HOT BIT PAVEMENT	10.0	24.0	3.0	PG 58-28	31	2002	577	5	14820		1
	FEDERAL AID CHIP SEAL		38.0		MC-3000P	43	2005	275		16031		1
-1.0	MILLING		30.0				2014			18063		1
3.0	HBP-SUPERPAVE-FAA 45		7.0	24.0	PG 64-28	SP	2014	3846	10	18063		1
	FEDERAL AID SAND SEAL		7.5		CRS2P	45	2016			21269		1
	MICROSURFACING		25.0		AE	MC	2016	597	7	21269		1
-.5	MICROMILL		25.0				2024			23460		1
	MICROSURFACING		25.0		AE	MC	2024	1093	7	23460		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
1	83	S		141.000	0.0107	142.000	0.7280	1.7182	10.0	24.0	9.0	7.0	8.0	50.0	43.0	400	2155 2023	324	34	14		FLEX	ASPHT	RIC	1	1991	2016	2024	MICROSURFACI																																																										
JCT 200 E AT UNDERWOOD TO N JCT 200W																		2015	DIST 94	RIDE 4.42	PRPI	GOOD	IRI	42	2016	DIST 91	RIDE 3.97	PRPI	GOOD	IRI	62	2017	DIST 87	RIDE 4.02	PRPI	GOOD	IRI	60	2018	DIST 94	RIDE 3.91	PRPI	GOOD	IRI	65	2019	DIST 91	RIDE 3.98	PRPI	GOOD	IRI	62	2020	DIST 88	RIDE 3.95	PRPI	GOOD	IRI	63	2021	DIST 85	RIDE 3.86	PRPI	GOOD	IRI	67	2022	DIST 88	RIDE 3.82	PRPI	GOOD	IRI	69	2023	DIST 84	RIDE 3.68	PRPI	GOOD	IRI	75	2024	DIST 99	RIDE 3.70	PRPI	GOOD	IRI	74

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	RW	BP	RT
141	3.59	99	0.08	80.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
142	3.81	99	0.09	69.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
AVG	3.70	99	0.09	74.50	GOOD	N/A	N/A	0	0	0	0	0	0	0

19 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				1973	92				
3.0	AGGREGATE BASE		48.0				1973					
	C-C 104 FEET						1973					
5.0	LIME TREATED SUBGRADE		47.0				1974					
1.5	HOT BIT PAVEMENT		24.0		200-300		1974	143				
1.5	HOT BIT PAVEMENT		46.0		200-300		1974					
1.0	HOT BIT PAVEMENT		24.0		120-150		1975	25	20			
-.8	MILLING		24.0				1991					
2.5	HOT BIT PAVEMENT		38.0		120-150		1991		20			
2.3	SALVAGED AGGR BASE	10.0		9.0			1991					
	RALUMAC						1992	1				
	CONTRACT CHIP SEAL		40.0				1995	23				
	FEDERAL AID CHIP SEAL		38.0		MC-3000P	43	2005	36		16031		1
-1.0	MILLING		30.0				2014			18063		1
3.0	HBP-SUPERPAVE-FAA 45		7.0	24.0	8.0	PG 64-28	SP	2014	498	10	18063	1
	FEDERAL AID SAND SEAL		7.5		3.5	CRS2P	45	2016			21269	1
	MICROSURFACING		25.0		AE	MC	2016	77	7	21269		1
-.5	MICROMILL		25.0				2024			23460		1
	MICROSURFACING		25.0		AE	MC	2024	142	7	23460		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	S		142.000	0.7280	147.556	0.0000	1.4854	10.0	24.0	9.0	13.2	5.0	52.0	43.0	400	2155 2023	324	34	14		FLEX	ASPHT	RIC	1	1991	2016	2024	MICROSURFACI
N UNDERWOOD N TO N JCT 200																		2015	DIST 93	RIDE 4.25	PRPI	GOOD	IRI	50					
																		2016	DIST 90	RIDE 3.87	PRPI	GOOD	IRI	66					
																		2017	DIST 87	RIDE 3.85	PRPI	GOOD	IRI	67					
																		2018	DIST 90	RIDE 3.84	PRPI	GOOD	IRI	68					
																		2019	DIST 88	RIDE 3.92	PRPI	GOOD	IRI	64					
																		2020	DIST 88	RIDE 3.86	PRPI	GOOD	IRI	67					
																		2021	DIST 87	RIDE 3.82	PRPI	GOOD	IRI	69					
																		2022	DIST 93	RIDE 3.66	PRPI	GOOD	IRI	76					
																		2023	DIST 87	RIDE 3.62	PRPI	GOOD	IRI	78					
																		2024	DIST 95	RIDE 3.75	PRPI	GOOD	IRI	73					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
143	4.03	99	0.08	60.00	GOOD	N/A	N/A	0	0	0	0	0	0
144	3.46	90	0.15	86.00	GOOD	N/A	N/A	3	0	3	3	0	0
AVG	3.75	95	0.12	73.00	GOOD	N/A	N/A	2	0	2	2	0	0

20 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1941	29				
	C-C 104 FEET						1941					
5.0	AGGREGATE BASE		32.0				1944					
2.5	COLD BITUMINOUS PAVEMENT		22.0		MC-3		1944	85	20			
1.5	HOT BIT PAVEMENT		32.0		150-200		1957					
2.0	HOT BIT PAVEMENT		24.0		150-200		1957	84	20			
	WIDENING		52.0				1975	190				
1.5	HOT BIT PAVEMENT		24.0		120-150		1975					
3.5	HOT BIT PAVEMENT		42.0		120-150		1975		20			
	-.8 MILLING		24.0				1991					
2.5	HOT BIT PAVEMENT		27.0		120-150		1991		20			
3.5	SALVAGED AGGR BASE	7.0		4.0			1991					
	CONTRACT CHIP SEAL		40.0				1995	21				
	FEDERAL AID CHIP SEAL		38.0		MC-3000P	43	2005	21		16031	1	
-1.0	MILLING		30.0				2014			18063	1	
3.0	HBP-SUPERPAVE-FAA 45	7.0	24.0	8.0	PG 64-28	SP	2014	431	10	18063	1	
	FEDERAL AID SAND SEAL	7.5		3.5	CRS2P	45	2016			21269	1	
	MICROSURFACING		25.0		AE	MC	2016	67	7	21269	1	
-.5	MICROMILL		25.0				2024			23460	1	
	MICROSURFACING		25.0		AE	MC	2024	122	7	23460	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	B	N	900.000	0.0000	901.000	0.0000	0.9442	10.5	24.0	10.5	8.0		49.0	45.0	218	8946 2022	34	75	12		FLEX	ASPHT	UIC	1	1950	2009	2023	RAP-FAA 45
BIS-NINTH ST (EXPRY N TO ROSSER)																													
YEAR FOR GRADE IS AN ESTIMATE. COMPONENTS UNKNOWN.																													
2015 DIST 86 RIDE 1.74 PRPI POOR IRI 176																													
2016 DIST 83 RIDE 0.75 PRPI POOR IRI 272																													
2017 DIST 74 RIDE 1.46 PRPI POOR IRI 195																													
2018 DIST 82 RIDE 1.44 PRPI POOR IRI 196																													
2019 DIST 80 RIDE 1.61 PRPI POOR IRI 185																													
2020 DIST 82 RIDE 1.48 PRPI POOR IRI 193																													
2021 DIST 78 RIDE 1.30 PRPI POOR IRI 207																													
2022 DIST 77 RIDE 1.21 PRPI POOR IRI 214																													
2023 DIST 89 RIDE 2.03 PRPI POOR IRI 158																													
2024 DIST 95 RIDE 2.11 PRPI POOR IRI 153																													

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
900	2.11	95	0.13	153.00	POOR	N/A	N/A	0	0	1	3	0	0	0
AVG	2.11	95	0.13	153.00	POOR	N/A	N/A	0	0	1	3	0	0	0

6 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
				48.0				1950					
-2.5	MILLING			45.0		HFMS-2	43	2009		10	17102	1	
2.5	HOT BIT PAVEMENT			45.0		PG 58-28	33	2009	639	10	17102	1	
	FEDERAL AID CHIP SEAL			45.0		HFMS-2	43	2009			17102	1	
-2.5	MILLING			45.0				2023			23202	1	
2.5	RAP-SUPERPAVE	FAA 45		45.0		PG58H-34	SP	2023	1172	10	23202	1	

ENGLISH

D	Hwy	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	B	N	901.000	0.0000	901.523	0.0000	0.5517	10.5	24.0	10.5	8.0		49.0	45.0	101	10796 2022	31	75	14			FLEX	ASPHT	UIC	1	1950	2009	2024	RAP-FAA 45
BISMARCK-ROSSER TO BOULEVARD																			2015	DIST 85	RIDE 2.16	PRPI	POOR	IRI 151						
																			2016	DIST 76	RIDE 0.74	PRPI	POOR	IRI 316						
																			2017	DIST 77	RIDE 2.09	PRPI	POOR	IRI 155						
																			2018	DIST 88	RIDE 1.92	PRPI	POOR	IRI 165						
																			2019	DIST 90	RIDE 2.00	PRPI	POOR	IRI 160						
																			2020	DIST 89	RIDE 1.83	PRPI	POOR	IRI 170						
																			2021	DIST 82	RIDE 1.71	PRPI	POOR	IRI 177						
																			2022	DIST 81	RIDE 1.75	PRPI	POOR	IRI 175						
																			2023	DIST 83	RIDE 2.04	PRPI	POOR	IRI 158						
																			2024	DIST 95	RIDE 2.26	PRPI	POOR	IRI 145						

RUTTING BADLY. CONTINUOUS PROBLEM. SHOULD HAVE BEEN CONCRETE WITH CURB AND GUTTER!!! WHEN WE MILL WE DESTROY SENSOR LOOPS. WILL HAVE TO PATCH AGAIN IN 1991. THE LAST 100' OF THE LEFT TURNING LANE IN 6 LOCATIONS WERE MILLED OUT AND REPLACED WITH CLASS 33 IN 1992. LOOPS WERE REPLACED. THIS WAS EXPERIMENTAL TO SEE HOW EFFECTIVE IT IS IN STOPPING RUTTING AND SHOING.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE RIDE, DISTRESS & RUT							
						BLD	LC	TC	BC	RW	BP	RT			
901	2.26	95	0.11	145.00	POOR	N/A	N/A	0	0	1	1	0	0	2	0
AVG	2.26	95	0.11	145.00	POOR	N/A	N/A	0	0	1	1	0	0	2	0

7 OCCURS		LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS		48.0					1950					
GRADE							1993	5				
INT MTCE PATCH-1.0"							2009		17102		1	
-2.5 MILLING			45.0				2009	373	7	17102	1	
2.5 HOT BIT PAVEMENT			45.0		PG 58-28	33	2009			17102	1	
FEDERAL AID CHIP SEAL			45.0		HFMS-2	43	2009			17102	1	
-2.5 MILLING			45.0				2024			23347	1	
2.5 RAP-SUPERPAVE FAA 45			45.0		PG58H-34	SP	2024	1123	7	23347	1	

03/18/25

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

DT3-562-AA  
AARBER1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	B	N	901.523	0.0000	902.646	0.0000	1.1367		36.0		8.0	24.0	60.0	36.0	142	14672 2022	124	23	12		CONCR	JOINT	UIC	1	2002	2023	2023	CPR_ONLY
BISMARCK-BOULEVARD TO I-94																			2015	DIST	91	RIDE	2.27	PRPI	POOR	IRI	144		
																			2016	DIST	89	RIDE	0.75	PRPI	POOR	IRI	321		
																			2017	DIST	94	RIDE	2.28	PRPI	POOR	IRI	144		
																			2018	DIST	90	RIDE	2.20	PRPI	POOR	IRI	149		
																			2019	DIST	90	RIDE	2.18	PRPI	POOR	IRI	149		
																			2020	DIST	87	RIDE	2.14	PRPI	POOR	IRI	152		
																			2021	DIST	85	RIDE	1.87	PRPI	POOR	IRI	168		
																			2022	DIST	88	RIDE	2.18	PRPI	POOR	IRI	150		
																			2023	DIST	96	RIDE	3.44	PRPI	GOOD	IRI	87		
																			2024	DIST	89	RIDE	3.35	PRPI	POOR	IRI	91		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																							
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP																		
902	3.35	89	N/A	91.00	POOR	0.10	81	0	0	0	0	0	2	7	0	0	1												
AVG	3.35	89	N/A	91.00	POOR	0.10	81	0	0	0	0	2	7	0	0	1													

7 OCCURS												
DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
24.0	BLENDED BASE	60.0	40.0				2002			12210	1	
8.0	NON-REINF PCC	36.0			AE	S4	2002	4388	30	12210	1	
	CURB & GUTTER FACE-FACE	36.0					2002			12210	1	
	DOWELED						2002			12210	1	
	GRINDING	36.0					2023	3344		22769	1	
	CONCRETE PAVEMENT REPAIR						2023		10	22769	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	83	B	S	900.000	0.0000	900.733	0.0000	0.7176	10.5	24.0	10.5	8.0		49.0	45.0	557	9391 2022	223	75	11		FLEX	ASPHT	UIC	1	1950	2009	2024	RAP-FAA 45																																																
BIS-7TH ST (EXPRY N TO BROADWAY)																		2015	DIST 83	RIDE 1.42	PRPI	POOR	IRI 198	2016	DIST 80	RIDE 1.22	PRPI	POOR	IRI 214	2017	DIST 83	RIDE 1.20	PRPI	POOR	IRI 215	2018	DIST 82	RIDE 0.99	PRPI	POOR	IRI 235	2019	DIST 87	RIDE 1.09	PRPI	POOR	IRI 225	2020	DIST 80	RIDE 0.84	PRPI	POOR	IRI 254	2021	DIST 80	RIDE 0.79	PRPI	POOR	IRI 264	2022	DIST 79	RIDE 0.73	PRPI	POOR	IRI 280	2023	DIST 80	RIDE 0.73	PRPI	POOR	IRI 279	2024	DIST 91	RIDE 1.76	PRPI	POOR	IRI 174

YEAR FOR GRADE IS AN ESTIMATE. COMPONENTS UNKNOWN.

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2024) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
900	1.76	91	0.11	174.00	POOR	N/A	N/A	0	0	3	3	0	2	0
AVG	1.76	91	0.11	174.00	POOR	N/A	N/A	0	0	3	3	0	2	0

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1950					
-2.5	MILLING		45.0				2009			17101	1	
2.5	HOT BIT PAVEMENT		45.0		PG 58-28	33	2009	631	7	17101	1	
	FEDERAL AID CHIP SEAL		45.0		HFMS-2	43	2009			17101	1	
-3.0	MILLING		45.0				2024			23201	1	
3.0	RAP-SUPERPAVE FAA 45		45.0		PG58H-34	SP	2024	1461	10	23201	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	83	B	S	900.733	0.0000	901.000	0.5600	0.7758	10.5	24.0	10.5	8.0		49.0	45.0	20	8067 2022	27	75	14		FLEX	ASPHT	UIC	1	1950	2009	2024	RAP-FAA 45
BIS-7TH ST (BROADWAY N TO BOULEVARD)																		2015	DIST 80	RIDE 2.09	PRPI	POOR	IRI 155						
																		2016	DIST 83	RIDE 1.82	PRPI	POOR	IRI 170						
																		2017	DIST 80	RIDE 1.82	PRPI	POOR	IRI 171						
																		2018	DIST 86	RIDE 1.78	PRPI	POOR	IRI 174						
																		2019	DIST 90	RIDE 1.76	PRPI	POOR	IRI 174						
																		2020	DIST 91	RIDE 1.78	PRPI	POOR	IRI 173						
																		2021	DIST 89	RIDE 1.67	PRPI	POOR	IRI 180						
																		2022	DIST 89	RIDE 1.71	PRPI	POOR	IRI 178						
																		2023	DIST 82	RIDE 1.74	PRPI	POOR	IRI 176						
																		2024	DIST 92	RIDE 2.19	PRPI	POOR	IRI 149						

YEAR FOR GRADE IS AN ESTIMATE. COMPONENTS UNKNOWN.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
901	2.19	92	0.12	149.00	POOR	N/A	N/A	0	0	1	4	0	2	0
AVG	2.19	92	0.12	149.00	POOR	N/A	N/A	0	0	1	4	0	2	0

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1950					
	-2.5	MILLING		45.0				2009		17101		1	
	2.5	HOT BIT PAVEMENT		45.0		PG 58-28	33	2009	379	7	17101	1	
		FEDERAL AID CHIP SEAL		45.0		HFMS-2	43	2009			17101	1	
	-2.5	MILLING		45.0				2024			23347	1	
	2.5	RAP-SUPERPAVE FAA 45		45.0		PG58H-34	SP	2024	1441	7	23347	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	83	B	S	901.000	0.5600	902.646	0.0000	1.2493		36.0		8.0	24.0	60.0	36.0	80	10920 2022	56	23	12		CONCR	JOINT	UIC	1	2002	2023	2023	CPR_ONLY																					
BISMARCK-BOULEVARD TO I-94																		2015	DIST	86	RIDE	2.32	PRPI	POOR	IRI	142																								
																		2016	DIST	86	RIDE	2.13	PRPI	POOR	IRI	153																								
																		2017	DIST	89	RIDE	2.47	PRPI	POOR	IRI	134																								
																		2018	DIST	86	RIDE	1.82	PRPI	POOR	IRI	171																								
																		2019	DIST	87	RIDE	2.24	PRPI	POOR	IRI	146																								
																		2020	DIST	88	RIDE	2.21	PRPI	POOR	IRI	148																								
																		2021	DIST	86	RIDE	1.79	PRPI	POOR	IRI	173																								
																		2022	DIST	86	RIDE	2.08	PRPI	POOR	IRI	155																								
																		2023	DIST	96	RIDE	3.72	PRPI	GOOD	IRI	73																								
																		2024	DIST	95	RIDE	3.59	PRPI	GOOD	IRI	80																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
902	3.59	95	N/A	80.00	GOOD	0.09	55	0	0	0	0	1	2	0	0	1
AVG	3.59	95	N/A	80.00	GOOD	0.09	55	0	0	0	0	1	2	0	0	1

7 OCCURS	DPATH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	24.0	BLENDED BASE		60.0				2002			12210		1
	8.0	NON-REINF PCC		40.0				2002			12210		1
		CURB & GUTTER FACE-FACE		36.0		AE	S4	2002	4388	30	12210		1
		DOWELED		36.0				2002			12210		1
		GRINDING						2023	3343		22769		1
		CONCRETE PAVEMENT REPAIR						2023		10	22769		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	87	N		0.000	0.0000	1.900	0.0000	1.8999		24.0		4.0	4.0	28.0	24.0	20	453 2009	8	37	36		FLEX	ASPHT	RCL	9	1988	1999	1999	OVERLAY VAR.																																																																														
FT STEVENSON STATE PARK ROADS																		2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2023	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
1999---PCN 1476---PARKING LOT.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT										
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
0	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

4 OCCURS		LSHL DPTH (IN)	RDWY (FT)	RSHL DPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0 AGGREGATE BASE			14.0				1988					
2.0 HOT BIT PAVEMENT			12.0		120-150		1988		20			
CONTRACT CHIP SEAL			24.0		HFMS-2		1992	51				
2.0 HBP-VARIABLE DEPTH			24.0		120-150	27	1999	121	10	1476	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	88	N		0.000	0.0000	3.000	0.0000	2.9999				3.0					10	100 1997	4	28	28		FLEX	ASPHT	RCL	9	1997	1997	1997	OVERLAY(HBP)																				
FORT LINCOLN STATE PARK																		2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2023	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

YEAR FOR GRADE IS AN ESTIMATE. COMPONENTS UNKNOWN.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT										
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
0	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
2	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

2 OCCURS		LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR 1950	COST THOUS	DSN LFE	PCN	SUB	H
3.0 HOT BIT PAVEMENT			24.0		120-150	29	1997	79	20	1447	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	89	E		20.000	0.0000	25.200	0.0000	5.1998		22.0		3.5	8.0	26.0	22.0	25	230 1998	30	35	35	1995	FLEX	ASPHT	RCL	9	1990	1990	1990	C CHIP SEAL																					
LAKE SAKAKAWEA STATE PARK ROADS																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

CRS-2LM-1995 SEAL. WIDTH VARIES 12-22-24.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2 OCCURS	DPATH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	1.5	HOT BIT PAVEMENT		22.0		120-150		1990	55	20			
		CONTRACT CHIP SEAL		22.0				1995	74				

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	90	N		0.000	0.0000	0.800	0.0000	0.7999									5	40	2	32	32	1993	FLEX	ASPHT	RCL	3	1993	1993	1993	C CHIP SEAL																																																																													
BEAVER LAKE STATE PARK																		2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2023	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT										
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
0	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

1 OCCURS		LSHL WDT	RDWY WDT	RSHL WDT	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
CONTRACT CHIP SEAL		(FT)	(FT)	(FT)	MC-3000		1993	4				

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	94	E		97.188	0.0000	100.000	0.8880	3.6307	4.0	24.0	10.0	10.5	12.0	62.6	38.0	1060	3775 2024	1431	16	16		CONCR	JOINT	RI	1	2009	2009	2009	PCC JOINTED				
HEBRON E TO NEAR EAGLES NEST																		2015	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	57							
																		2016	DIST	92	RIDE	4.10	PRPI	GOOD	IRI	56							
																		2017	DIST	86	RIDE	4.15	PRPI	GOOD	IRI	54							
																		2018	DIST	91	RIDE	4.04	PRPI	GOOD	IRI	59							
																		2019	DIST	85	RIDE	4.35	PRPI	GOOD	IRI	45							
																		2020	DIST	89	RIDE	4.32	PRPI	GOOD	IRI	46							
																		2021	DIST	88	RIDE	4.27	PRPI	GOOD	IRI	49							
																		2022	DIST	88	RIDE	4.29	PRPI	GOOD	IRI	48							
																		2023	DIST	89	RIDE	4.30	PRPI	GOOD	IRI	48							
																		2024	DIST	88	RIDE	4.25	PRPI	GOOD	IRI	50							

PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$3,394.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
98	4.12	93	N/A	55.00	GOOD	0.07	72	0	0	0	1	0	3	2	0	0	0
99	4.39	85	N/A	44.00	GOOD	0.08	54	0	0	0	4	4	3	2	0	1	0
100	4.24	86	N/A	51.00	GOOD	0.06	32	0	0	0	4	4	3	1	0	1	0
AVG	4.25	88	N/A	50.00	GOOD	0.07	53	0	0	0	3	3	3	2	0	1	0

7 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0 SALVAGED AGGR BASE		62.6				2009			15912		1
10.5 NON-REINF PCC	1.0	24.0	2.0	AE	S3	2009	4993	30	15912		1
DOWELED						2009			15912		1
JOINT SPACE 15 FOOT						2009			15912		1
6.5 SALVAGED AGGR BASE		3.3	8.3			2009			15912		1
4.0 HOT BIT PAVEMENT		3.0	8.0	PG 58-28	27	2009			15912		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		100.000	0.8880	114.000	0.1360	13.2403	4.0	24.0	10.0	10.5	12.0	62.6	38.0	1022	3773 2024	1424	26	26			CONCR JOINT RI		1	1999	1999	1999	CPR/GRINDING
NEAR EAGLES NEST E TO E GECK INTR																		2015	DIST 90	RIDE 3.64	PRPI	GOOD	IRI	77					
PCN-14082- SIGNING RP 97.188 TO RP 208.702, 2001-\$44,900.																		2016	DIST 89	RIDE 3.81	PRPI	GOOD	IRI	69					
																		2017	DIST 87	RIDE 3.89	PRPI	GOOD	IRI	65					
																		2018	DIST 92	RIDE 3.91	PRPI	GOOD	IRI	65					
																		2019	DIST 90	RIDE 4.16	PRPI	GOOD	IRI	54					
																		2020	DIST 90	RIDE 4.15	PRPI	GOOD	IRI	54					
																		2021	DIST 91	RIDE 3.98	PRPI	GOOD	IRI	62					
																		2022	DIST 91	RIDE 4.03	PRPI	GOOD	IRI	59					
																		2023	DIST 90	RIDE 3.91	PRPI	GOOD	IRI	65					
																		2024	DIST 89	RIDE 3.79	PRPI	GOOD	IRI	70					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
101	3.98	83	N/A	62.00	GOOD	0.09	79	0	0	0	4	3	4	3	0	1	1
102	3.76	85	N/A	72.00	GOOD	0.13	58	0	0	0	4	0	3	5	0	1	1
103	3.53	81	N/A	82.00	GOOD	0.20	60	0	0	0	4	0	3	9	0	1	1
104	4.09	91	N/A	57.00	GOOD	0.10	46	0	0	0	0	0	3	4	0	1	0
105	3.62	91	N/A	78.00	GOOD	0.08	92	0	0	0	0	0	4	3	0	1	0
106	3.76	91	N/A	72.00	GOOD	0.08	54	0	0	0	0	1	3	2	0	1	1
107	3.24	90	N/A	96.00	GOOD	0.08	94	0	0	0	0	1	3	3	0	1	1
108	4.06	87	N/A	59.00	GOOD	0.12	68	0	0	0	0	1	3	6	0	1	1
109	3.89	93	N/A	66.00	GOOD	0.09	61	0	0	0	0	0	3	2	0	1	0
110	3.81	91	N/A	70.00	GOOD	0.08	75	0	0	0	0	1	3	2	0	1	1
111	3.94	90	N/A	63.00	GOOD	0.09	85	0	0	0	0	1	3	3	0	1	1
112	3.84	91	N/A	68.00	GOOD	0.07	74	0	0	0	0	1	3	2	0	1	1
113	3.90	93	N/A	66.00	GOOD	0.08	59	0	0	0	0	0	2	2	0	1	1
114	3.61	85	N/A	78.00	GOOD	0.09	108	0	0	0	1	4	4	3	0	1	1
AVG	3.79	89	N/A	70.64	GOOD	0.10	72	0	0	0	1	1	3	4	0	1	1

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1961					
	C-C 84 FEET						1961					
	EDGE DRAIN	16.0		12.0			1999				1	1
4.0	SALVAGED AGGR BASE		36.0				1999				1	1
4.0	PERM CEMENT STAB BASE		29.0		AE	07	1999				1	1
9.4	NON-REINF PCC	4.0	24.0		AE	S3	1999		30		1	1
8.5	RECYCLED PCC			10.0	YE	S4	1999	11698			1	1
	CONCRETE PAVEMENT REPAIR		24.0				2006				16056	1
	CONCRETE PAVEMENT REPAIR		24.0				2015	2503			19743	1
	GRINDING		30.0				2015				19743	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		114.000	0.1360	121.000	0.0110	6.8925	4.0	24.0	10.0	10.0	4.0	50.0	38.0	979	4438 2024	1283	39	39		CONCR	JOINT	RI	1	1986	1999	1999	CPR/GRINDING
E GECK INTR E TO E BLUEGRASS INTR-E																		2015	DIST 89	RIDE	3.84	PRPI	GOOD	IRI	68				
																		2016	DIST 87	RIDE	3.72	PRPI	GOOD	IRI	73				
																		2017	DIST 86	RIDE	3.78	PRPI	GOOD	IRI	71				
																		2018	DIST 92	RIDE	3.80	PRPI	GOOD	IRI	70				
																		2019	DIST 89	RIDE	4.21	PRPI	GOOD	IRI	51				
																		2020	DIST 89	RIDE	4.32	PRPI	GOOD	IRI	46				
																		2021	DIST 91	RIDE	4.28	PRPI	GOOD	IRI	48				
																		2022	DIST 89	RIDE	4.28	PRPI	GOOD	IRI	48				
																		2023	DIST 86	RIDE	4.22	PRPI	GOOD	IRI	51				
																		2024	DIST 86	RIDE	4.19	PRPI	GOOD	IRI	52				

QUITE A BIT OF CRACKING WHICH NEEDS SEALING IN THE FIRST FEW MILES-THIS WAS DONE WITH A CRACK SEALING AND SPALL REPAIR CONTRACT-1992.

STITCHING LOCATIONS EB - 118.397 TO 118.499 AND 118.925 TO 119.014 SLOPE FLATTENING MEDIANS 115.030, 115.973, 116.200, 116.899, 119.379 PCN-14082- SIGNING RP 97.188 TO 208.702, 2001-\$23,373.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																		
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP													
115	3.93	79	N/A	64.00	GOOD	0.10	125	0	0	0	0	7	4	7	0	1	1							
116	4.34	85	N/A	46.00	GOOD	0.07	79	0	0	0	1	4	4	3	0	1	1							
117	4.35	89	N/A	45.00	GOOD	0.08	73	0	0	0	1	2	3	2	0	1	1							
118	4.08	87	N/A	58.00	GOOD	0.08	90	0	0	0	0	4	3	3	0	1	1							
119	4.24	86	N/A	51.00	GOOD	0.08	101	0	0	0	0	4	4	3	0	1	1							
120	4.19	89	N/A	52.00	GOOD	0.08	98	0	0	0	0	1	4	3	0	1	1							
AVG	4.19	86	N/A	52.67	GOOD	0.08	94	0	0	0	0	4	4	4	0	1	1							

10 OCCURS DPTH (IN)	COMPONENTS	LSHL DPTH (FT)	RDWY DPTH (FT)	RSHL DPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				1960	417				
	C-C 84 FEET						1960					
4.0	RECYCLED BITUMINOUS BASE		46.0				1986					
10.0	RECYCLED PCC		24.0				1986	3320	20			
10.0	NON-REINF PCC	4.0		10.0			1986					
	CPR/DOWEL BAR RETROFIT		12.0			03	1999	1674	10	1306	1	
	GRINDING		18.0				1999			1306	1	
	CONCRETE PAVEMENT REPAIR		24.0				2006			16056	1	
	CONCRETE PAVEMENT REPAIR		24.0				2015	1303		19743	1	
	GRINDING		30.0				2015			19743	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		121.000	0.0110	128.000	0.6140	7.5878	4.0	24.0	10.0	10.0	4.0	50.0	38.0	1214	4662 2024	1053	37	37		CONCR	JOINT	RI	1	1988	2000	2000	CPR/GRINDING
E BLUEGRASS INTR TO E N SALEM INTR																		2015	DIST	89	RIDE	3.82	PRPI	GOOD	IRI	69			
																		2016	DIST	86	RIDE	3.86	PRPI	GOOD	IRI	67			
																		2017	DIST	86	RIDE	3.79	PRPI	GOOD	IRI	70			
																		2018	DIST	92	RIDE	3.67	PRPI	GOOD	IRI	75			
																		2019	DIST	88	RIDE	3.99	PRPI	GOOD	IRI	61			
																		2020	DIST	86	RIDE	3.94	PRPI	GOOD	IRI	63			
																		2021	DIST	87	RIDE	3.94	PRPI	GOOD	IRI	63			
																		2022	DIST	86	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2023	DIST	85	RIDE	3.82	PRPI	GOOD	IRI	69			
																		2024	DIST	85	RIDE	3.80	PRPI	GOOD	IRI	70			

CRACK SEALING AND SPALL REPAIR-1992.  
PCN-14082- SIGNING RP 97.188 TO RP 208.702, 2001-\$25,731.  
PCN - 13250 - RUMBLE STRIPS INTO FOUR FOOT MEDIAN SHOULDER

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
121	3.83	86	N/A	68.00	GOOD	0.08	102	0	0	0	4	0	4	3	0	1	1
122	3.81	82	N/A	70.00	GOOD	0.10	72	0	0	0	3	1	5	6	0	1	1
123	3.73	79	N/A	73.00	GOOD	0.12	83	0	0	0	3	3	5	7	0	1	1
124	3.60	82	N/A	79.00	GOOD	0.08	63	0	0	0	4	4	5	2	0	1	1
125	3.85	88	N/A	67.00	GOOD	0.08	67	0	0	0	2	0	5	2	0	1	1
126	3.97	88	N/A	62.00	GOOD	0.09	44	0	0	0	4	0	4	1	0	1	1
127	3.85	89	N/A	68.00	GOOD	0.09	75	0	0	0	1	1	4	2	0	1	1
128	3.74	83	N/A	73.00	GOOD	0.11	124	0	0	0	2	2	3	7	0	1	1
AVG	3.80	85	N/A	70.00	GOOD	0.09	79	0	0	0	3	1	4	4	0	1	1

9 OCCURS		LSHL	RDWY	RSHL	OIL/CON	CLS	COST		DSN			
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	C-C 84 FEET		50.0				1960	209				
4.0	RECYCLED BITUMINOUS BASE		46.0				1988					
10.0	RECYCLED PCC		24.0				1988	3709	30			
10.0	NON-REINF PCC	4.0		10.0			1988					
	CPR/DOWEL BAR RETROFIT		12.0			05	2000		10	13250	1	
	GRINDING		18.0				2000	1172		13250	1	
	CONCRETE PAVEMENT REPAIR		24.0				2015	1435		19743	1	
	GRINDING		30.0				2015			19743	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		128.000	0.6140	137.000	0.5020	8.8771	4.0	24.0	10.0	10.0	8.0	50.0	38.0	1403	5222 2024	1658	23	23		CONCR	CRCP	RI	1	2002	2002	2002	CRCP(VIRGIN)
E N SALEM INTR E TO W SWEET BRIAR																			2015	DIST 92	RIDE	4.44	PRPI	GOOD	IRI	41			
JOINTS WERE REPAIRED, BUT REPAIRS ARE BREAKING OUT, PLUS MORE JOINTS ARE SPALLING. NEOPRENE JOINTS HAVE LESS SPALLS THAN THE OTHERS. WILL KEEP SEALING AND FILLING UNTILOVERLAY PROJECT. MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING. EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN THIS AREA ARE WEAK. INTERMIT CONTR ACT PATCH AND SUBGRADE REPAIR IN 1997, REF PT 132.457 TO 133.025. PCN-185-GRADING & SURFACING OF MEDIAN CROSSOVERS & RAMP CONNECTIONS \$450,854. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,103.																			2016	DIST 92	RIDE	4.42	PRPI	GOOD	IRI	42			
																			2017	DIST 92	RIDE	4.40	PRPI	GOOD	IRI	43			
																			2018	DIST 94	RIDE	4.37	PRPI	GOOD	IRI	44			
																			2019	DIST 94	RIDE	4.50	PRPI	GOOD	IRI	38			
																			2020	DIST 94	RIDE	4.47	PRPI	GOOD	IRI	40			
																			2021	DIST 93	RIDE	4.48	PRPI	GOOD	IRI	39			
																			2022	DIST 93	RIDE	4.48	PRPI	GOOD	IRI	40			
																			2023	DIST 92	RIDE	4.46	PRPI	GOOD	IRI	40			
																			2024	DIST 92	RIDE	4.47	PRPI	GOOD	IRI	40			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM DC	(2024) AVERAGE LJS	RIDE LC	DISTRESS TC	& RUT TCS	BP	CP	BU
129	4.50	90	N/A	39.00	GOOD	N/A	N/A	0	0	5	4	0	0	0
130	4.49	95	N/A	39.00	GOOD	N/A	N/A	0	0	4	0	0	0	0
131	4.51	95	N/A	39.00	GOOD	N/A	N/A	0	0	4	0	0	0	0
132	4.42	86	N/A	42.00	GOOD	N/A	N/A	0	0	9	4	0	0	0
133	4.44	95	N/A	42.00	GOOD	N/A	N/A	0	0	4	0	0	0	0
134	4.52	95	N/A	38.00	GOOD	N/A	N/A	0	0	4	0	0	0	0
135	4.51	95	N/A	39.00	EXCL	N/A	N/A	0	0	4	0	0	0	0
136	4.27	89	N/A	49.00	GOOD	N/A	N/A	0	0	6	4	0	0	0
137	4.54	90	N/A	37.00	EXCL	N/A	N/A	0	0	5	4	0	0	0
AVG	4.47	92	N/A	40.44	GOOD	N/A	N/A	0	0	3	4	0	0	0

3 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0 SALVAGED AGGR BASE			42.0		05	2002			11464		1
10.0 CONT - REINF PCC	4.0	24.0		AE		2002	8148	30	11464		1
10.0 NON-REINF PCC			10.0	YE		2002		30	11464		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		137.000	0.5020	147.183	0.4997	10.1760	4.0	24.0	10.0	11.0	8.0	50.0	38.0	1350	4896 2024	1611	21	21		CONCR CRCP	RI	1	2004	2004	2004	GRINDING	
W SWEET BRIAR E TO E ND 25 INTR-EB																													
																		2015	DIST 92	RIDE	4.45	PRPI	GOOD	IRI	41				
																		2016	DIST 92	RIDE	4.43	PRPI	GOOD	IRI	41				
																		2017	DIST 92	RIDE	4.40	PRPI	GOOD	IRI	43				
																		2018	DIST 95	RIDE	4.38	PRPI	GOOD	IRI	44				
																		2019	DIST 94	RIDE	4.50	PRPI	GOOD	IRI	38				
																		2020	DIST 95	RIDE	4.47	PRPI	GOOD	IRI	40				
																		2021	DIST 95	RIDE	4.47	PRPI	GOOD	IRI	40				
																		2022	DIST 95	RIDE	4.47	PRPI	GOOD	IRI	40				
																		2023	DIST 95	RIDE	4.43	PRPI	GOOD	IRI	42				
																		2024	DIST 95	RIDE	4.44	PRPI	GOOD	IRI	41				

30" SUBCUT AREA STATION 737+98 TO 741+48 AND 18" SUBCUT AREA STATION 1007+01.4 TO 1042+59.16

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE		RIDE, DISTRESS & RUT						
						FLT	FLT	DC	LJS	LC	TC	TCS	BP	CP	BU	
138	4.37	95	N/A	44.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	
139	4.39	95	N/A	43.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	
140	4.36	95	N/A	45.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	
141	4.52	93	N/A	38.00	EXCL	N/A	N/A	0	0	0	4	0	2	0	0	
142	4.56	95	N/A	36.00	EXCL	N/A	N/A	0	0	0	4	0	0	0	0	
143	4.64	95	N/A	32.00	EXCL	N/A	N/A	0	0	0	4	0	0	0	0	
144	4.50	95	N/A	39.00	EXCL	N/A	N/A	0	0	0	4	0	0	0	0	
145	4.47	93	N/A	40.00	GOOD	N/A	N/A	0	0	2	4	0	0	0	0	
146	4.42	95	N/A	43.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	
147	4.15	97	N/A	54.00	GOOD	N/A	N/A	0	0	2	0	0	0	0	0	
AVG	4.44	95	N/A	41.40	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	

5 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	THOUS	LFE			
8.0 SALVAGED AGGR BASE		50.0				2004		12015	1	
11.0 CONT - REINF PCC	4.0	24.0		AE		2004	12075	30	12015	1
11.0 NON-REINF PCC			10.0	YE		2004			12015	1
GRINDING		28.0				2004			12015	1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		147.183	0.4997	153.000	0.6927	6.0051	4.0	24.0	10.0	13.0	3.0	48.0	38.0	924	6799 2024	1090	18	18	2019	COMPO	AOCRC	UI	1	2007	2019	2019	SLURRY SEAL
E ND 25 E TO MANDAN AVE																			2015	DIST 88	RIDE 3.93	PRPI	GOOD	IRI 63					
1995 GRINDING-1.6 MI-W MIDWAY TO GRANT MARSH BRIDGE. MAINTENANCE																			2016	DIST 87	RIDE 3.93	PRPI	GOOD	IRI 64					
SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING. EXTENSIVE SHOULDER																			2017	DIST 83	RIDE 3.89	PRPI	GOOD	IRI 66					
REPAIR DUE TO SPRING BREAK UP.THE SHOULDERS IN THIS AREA ARE WEAK.																			2018	DIST 89	RIDE 3.80	PRPI	GOOD	IRI 70					
EXIT 152 CROSSUNDER ROAD & RAMPS ALONG WITH SCENIC OVERLOOK SEALED IN																			2019	DIST 99	RIDE 4.37	PRPI	GOOD	IRI 44					
1999, MC3000, CL 43 - \$7542. EXIT 155 CROSSUNDER ROAD & RAMPS SEALED																			2020	DIST 93	RIDE 4.26	PRPI	GOOD	IRI 49					
IN 1999, MC3000, CL 43 - \$7542.																			2021	DIST 91	RIDE 4.21	PRPI	GOOD	IRI 51					
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$29,931.																			2022	DIST 92	RIDE 4.15	PRPI	GOOD	IRI 54					
																			2023	DIST 88	RIDE 4.12	PRPI	GOOD	IRI 56					
																			2024	DIST 87	RIDE 4.02	PRPI	GOOD	IRI 60					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	RT	
148	4.18	83	0.22	53.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
149	4.01	84	0.21	60.00	GOOD	N/A	N/A	6	0	1	2	0	0	6
150	4.24	87	0.18	51.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
151	3.98	92	0.18	62.00	GOOD	N/A	N/A	3	0	2	2	0	0	0
152	3.94	93	0.17	63.00	GOOD	N/A	N/A	3	0	1	2	0	0	0
153	3.76	84	0.18	72.00	GOOD	N/A	N/A	3	0	4	2	0	0	6
AVG	4.02	87	0.19	60.17	GOOD	N/A	N/A	4	0	2	2	0	0	4

24 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1963	423				
	C-C 84 FEET						1963					
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	621	20			
5.5	AGGREGATE BASE	7.2		12.7			1965					
2.0	PLANT MIX BIT BASE	5.5		11.6	120-150		1965					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1965	210				
	DISTRICT CHIP SEAL			10.0	MC-800		1977					
	DISTRICT CHIP SEAL				RCLMITE		1989	39				
	GRINDING						1995	144	10			
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	3.0	24.0	10.0	85-100	33	1997	84				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	133	10	13104	1	
	PREVENTIVE MAINTENANCE		24.0				2001	84		14382	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 58-28	SP	2007	3732	20	13467	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-34	SP	2007			13467	1	
4.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2007			13467	1	
	MICROSURFACING		24.0			MC	2009	297		17636	1	
	CONTRACT SAND SEAL	4.0		10.0	CRS2P	45	2009			17636	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0	MILLING		38.0				2019			21866	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	2888	7	21866	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21866	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
1	94	E		153.000	0.6927	155.026	0.0000	1.5684	4.0	24.0	10.0	13.0	3.0	48.0	38.0	1172	13535 2024	1102	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL															
MANDAN AVE TO WEST MIDWAY INT																			2015	DIST	76	RIDE	3.79	PRPI	GOOD	IRI	70																	
																			2016	DIST	86	RIDE	3.76	PRPI	GOOD	IRI	72																	
																			2017	DIST	80	RIDE	3.69	PRPI	GOOD	IRI	75																	
																			2018	DIST	85	RIDE	3.57	PRPI	GOOD	IRI	80																	
																			2019	DIST	99	RIDE	4.15	PRPI	GOOD	IRI	54																	
																			2020	DIST	93	RIDE	4.06	PRPI	GOOD	IRI	58																	
																			2021	DIST	89	RIDE	3.97	PRPI	GOOD	IRI	62																	
																			2022	DIST	97	RIDE	3.93	PRPI	GOOD	IRI	64																	
																			2023	DIST	88	RIDE	3.98	PRPI	GOOD	IRI	62																	
																			2024	DIST	86	RIDE	3.85	PRPI	GOOD	IRI	68																	

1995 GRINDING-1.6 MI-W MIDWAY TO GRANT MARSH BRIDGE. MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING. EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP.THE SHOULDERS IN THIS AREA ARE WEAK. EXIT 152 CROSSUNDER ROAD & RAMPS ALONG WITH SCENIC OVERLOOK SEALED IN 1999, MC3000, CL 43 - \$7542. EXIT 155 CROSSUNDER ROAD & RAMPS SEALED IN 1999, MC3000, CL 43 - \$7542. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$29,931. PCN-14382 - FINGER JOINT REPAIR W.S.& N. OF MIDWAY STRUCTURE.

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT	THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																		
154	3.85	86	0.20	68.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

25 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1963	111				
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	162	20			
5.5	AGGREGATE BASE	7.2		12.7			1965					
2.0	PLANT MIX BIT BASE	5.5		11.6	120-150		1965					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1965	55				
	DISTRICT CHIP SEAL			10.0	MC-800		1977					
	DISTRICT CHIP SEAL				RCLMITE		1989	10				
	GRINDING						1995	37	10			
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	3.0	24.0	10.0	85-100	33	1997	22				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	35	10	13104	1	
	PREVENTIVE MAINTENANCE		24.0				2001	22		14382	1	
	CONCRETE PAVEMENT REPAIR		24.0				2010			16335	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 58-28	SP	2010			16335	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	SP	2010		20	16335	1	
4.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16335	1	
	MICROSURFACING		24.0			MC	2010			16335	1	
	FEDERAL AID SAND SEAL	4.0		10.0	CRS2P	45	2010			16335	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0	MILLING		38.0				2019			21866	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	753	7	21866	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21866	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
1	94	E		155.026	0.0000	156.000	0.0000	0.7469	4.0	24.0	10.0	13.5	3.0	48.0	38.0	1435	23925 2024	2167	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL															
WEST MIDWAY INT TO EAST MIDWAY INT																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2024	DIST	84	RIDE	4.04	PRPI	GOOD	IRI	59																	

1995 GRINDING-1.6 MI-W MIDWAY TO GRANT MARSH BRIDGE. MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING. EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP.THE SHOULDERS IN THIS AREA ARE WEAK. EXIT 152 CROSSUNDER ROAD & RAMPS ALONG WITH SCENIC OVERLOOK SEALED IN 1999, MC3000, CL 43 - \$7542. EXIT 155 CROSSUNDER ROAD & RAMPS SEALED IN 1999, MC3000, CL 43 - \$7542. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$29,931. PCN-14382 - FINGER JOINT REPAIR W.S.& N. OF MIDWAY STRUCTURE.

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024)	AVG RIDE	DISTRESS	& RUT
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024)	AVG RIDE	DISTRESS	& RUT	THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																			
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE										
155	4.04	84	0.17	59.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

25 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		48.0				1963	53				
C-C 84 FEET						1963					
3.0 SAND BASE		27.0				1965					
8.0 CONT - REINF PCC		24.0				1965	77	20			
5.5 AGGREGATE BASE	7.2		12.7			1965					
2.0 PLANT MIX BIT BASE	5.5		11.6	120-150		1965					
3.0 HOT BIT PAVEMENT	3.0		10.0	120-150		1965	26				
DISTRICT CHIP SEAL			10.0	MC-800		1977					
DISTRICT CHIP SEAL				RCLMITE		1989	5				
GRINDING						1995	18	10			
INT MTCE PATCH-1.5"						1995					
INT CONT PATCH-1.5"	3.0	24.0	10.0	85-100	33	1997	10				
CONCRETE PAVEMENT REPAIR		24.0			03	1999	17	10	13104	1	
PREVENTIVE MAINTENANCE		24.0				2001	10		14382	1	
CONCRETE PAVEMENT REPAIR		36.0				2010			16335	1	
2.5 HBP-SUPERPAVE-FAA 45	4.0	36.0		PG 58-28	SP	2010			16335	1	
2.0 HBP-SUPERPAVE-FAA 45	4.0	36.0		PG 64-28	SP	2010	20		16335	1	
4.5 HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16335	1	
MICROSURFACING		36.0			MC	2010			16335	1	
FEDERAL AID SAND SEAL	4.0		10.0	CRS2P	45	2010			16335	1	
CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0 MILLING		38.0				2019			21866	1	
2.0 HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	36	7	21866	1	
SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21866	1	
FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
1	94	E		156.000	0.0000	156.000	0.5060	0.5060	4.0	24.0	10.0	13.0	3.0	48.0	38.0	1344	19274	1210	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL															
																				2015	DIST	87	RIDE	3.92	PRPI	GOOD	IRI	65																
																				2016	DIST	90	RIDE	3.82	PRPI	GOOD	IRI	69																
																				2017	DIST	83	RIDE	3.84	PRPI	GOOD	IRI	68																
																				2018	DIST	95	RIDE	3.67	PRPI	GOOD	IRI	76																
																				2019	DIST	98	RIDE	3.93	PRPI	GOOD	IRI	64																
																				2020	DIST	98	RIDE	3.91	PRPI	GOOD	IRI	65																
																				2021	DIST	98	RIDE	3.88	PRPI	GOOD	IRI	67																
																				2022	DIST	97	RIDE	3.83	PRPI	GOOD	IRI	69																
																				2023	DIST	87	RIDE	3.68	PRPI	GOOD	IRI	75																
																				2024	DIST	93	RIDE	3.57	PRPI	GOOD	IRI	81																

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024)	AVG RIDE	DISTRESS	RUT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024)	AVG RIDE	DISTRESS	RUT	THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																			
156	3.57	93	0.15	81.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

25 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1963	36				
	C-C 84 FEET						1963					
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	52	20			
5.5	AGGREGATE BASE	7.2		12.7			1965					
2.0	PLANT MIX BIT BASE	5.5		11.6	120-150		1965					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1965	18				
	DISTRICT CHIP SEAL			10.0	MC-800		1977					
	DISTRICT CHIP SEAL				RCLMITE		1989	3				
	GRINDING						1995	12	10			
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	3.0	24.0	10.0	85-100	33	1997	7				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	11	10	13104	1	
	PREVENTIVE MAINTENANCE		24.0				2001	7		14382	1	
	CONCRETE PAVEMENT REPAIR		24.0				2010			16335	1	
2.5	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 58-28	MC	2010			16335	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	MC	2010	20		16335	1	
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16335	1	
	MICROSURFACING		24.0			MC	2010			16335	1	
	FEDERAL AID SAND SEAL	4.0		10.0	CRS2P	45	2010			16335	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0	MILLING		38.0				2019			21866	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	240	7	21866	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21866	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
1	94	E		156.000	0.5060	156.000	0.7160	0.2100								30.0	1330	18540	2088	60	60		CONCR	CRCP	UI	1	1965	1965	1965														
MISSOURI RIVER-BIS-ST CONT STRINGER																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$1,000.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) DC	AVG NUM (2024) LJS	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) TCS	AVG NUM (2024) BP	AVG NUM (2024) CP	AVG NUM (2024) BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 OCCURS	DPH	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		STRUCTURE		30.0				1965					
		PAINTING						1982					
		PCC DECK OVERLAY						1985					
		STRUCTURAL ITEMS						1991	143				
		STANDARD BARRIER						1995					

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	94	E		156.000	0.7160	161.439	0.4511	5.1541	4.0	24.0	10.0	12.0	12.0	48.0	38.0	1467	12332 2024	2030	8	8		COMPO	AOCRC	UI	1	2017	2018	2018	MICROSURFACI							
GRANT MARSH BRIDGE TO E E BIS INTR																		2015	DIST	86	RIDE	4.17	PRPI	GOOD	IRI	53										
																		2016	DIST	87	RIDE	3.95	PRPI	GOOD	IRI	63										
																		2017	DIST	99	RIDE	4.17	PRPI	GOOD	IRI	53										
																		2018	DIST	99	RIDE	3.92	PRPI	GOOD	IRI	64										
																		2019	DIST	98	RIDE	4.05	PRPI	GOOD	IRI	58										
																		2020	DIST	98	RIDE	4.06	PRPI	GOOD	IRI	58										
																		2021	DIST	97	RIDE	4.01	PRPI	GOOD	IRI	60										
																		2022	DIST	98	RIDE	3.93	PRPI	GOOD	IRI	63										
																		2023	DIST	89	RIDE	3.86	PRPI	GOOD	IRI	67										
																		2024	DIST	90	RIDE	3.72	PRPI	GOOD	IRI	73										

"RECYCLE CONTINUOUS REINFORCED PCC".  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$17,478.  
2012 - PCN 18031 - INTERSECTION IMPROVEMENTS - RP 157 RAMP

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																								
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																					
157	3.90	92	0.17	65.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	3.72	92	0.18	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	3.46	84	0.20	85.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	2	6													
160	3.69	90	0.18	75.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	2	0														
161	3.81	91	0.18	69.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0	0														
AVG	3.72	90	0.18	73.40	GOOD	N/A	N/A	3	0	1	3	0	0	0	1	1														

13 OCCURS												
DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		54.0				1964					
	C-C 84 FEET						1964					
	EDGE DRAIN						1995					
4.0	SALVAGED AGGR BASE		46.0				1995	2932				
4.0	PERM ASPH STAB BASE		44.0				1995					
9.0	CONT - REINF PCC	4.0	24.0	10.0			1995	9999	30			
	LANDSCAPING						1998	389		769	1	
	GRINDING		15.0				2006			16056	1	
	CONCRETE PAVEMENT REPAIR		24.0				2010			17105	1	
	CONCRETE PAVEMENT REPAIR		24.0			S3	2017	4800	20	20820	1	
3.0	HBP-SUPERPAVE-FAA45LIME	4.0	24.0	10.0	PG 64-28	SP	2017			20820	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2018			21865	1	
	MICROSURFACING		28.5		AE	MC	2018	417	7	21865	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		161.439	0.4511	162.000	0.3600	0.4727	4.0	24.0	10.0	7.0	3.0	48.0	38.0	1240	4460 2024	1724	8	8		COMPO	AOCRC	UI	1	2017	2018	2018	MICROSURFACI
E BIS INTR E																													
BOTH SHOULDERS SEALED 1967 AND OUTSIDE SHOULDER 1979. JOINTS REPAIRED																													
IN 1983 RESTORING CONTINUITY. ONE PUNCHOUT IN THIS SECTION IN 1984.																													
BOTH SHOULDERS SEALED 1985. RESTORED CONTINUITY AGAIN IN 1988. SEALED																													
BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER																													
REPAIR-1995.																													
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$1,602.																													
2015 DIST 82 RIDE 4.42 PRPI GOOD IRI 43																													
2016 DIST 80 RIDE 4.29 PRPI GOOD IRI 48																													
2017 DIST 83 RIDE 4.29 PRPI GOOD IRI 48																													
2018 DIST 95 RIDE 4.18 PRPI GOOD IRI 53																													
2019 DIST 92 RIDE 4.21 PRPI GOOD IRI 52																													
2020 DIST 84 RIDE 4.25 PRPI GOOD IRI 50																													
2021 DIST 83 RIDE 4.13 PRPI GOOD IRI 55																													
2022 DIST 83 RIDE 4.07 PRPI GOOD IRI 58																													
2023 DIST 77 RIDE 3.97 PRPI GOOD IRI 63																													
2024 DIST NA RIDE N/A PRPI N/A IRI N/A																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	RT
162	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1965	15				
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	44	20			
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966					
	CONTRACT SAND SEAL	3.0		10.0	RC-800		1967					
	DISTRICT CHIP SEAL			10.0	AE-150S		1979					
	CONCRETE PAVEMENT REPAIR						1983	1	10			
	DISTRICT SAND SEAL	3.0		10.0	MC-800		1985	1				
	CONCRETE PAVEMENT REPAIR						1988	4	10			
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE		1992					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2017	895	20	20820		1
3.0	HBP-SUPERPAVE-FAA45LIME	4.0	24.0	10.0	PG 64-28	SP	2017			20820		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2018			21865		1
	MICROSURFACING		28.5		AE	MC	2018	39	7	21865		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB										
1	94	E		162.000	0.3600	172.000	0.1260	9.7690	3.0	24.0	10.0	11.7	3.0	48.0	37.0	1242	4510 2024	1724	11	11		COMPO	AOCRC	RI	1	2014	2016	2016	MICROSURFACI										
E BIS ENTR E TO E OF MENOKEN INTR																																							
BOTH SHOULDERS SEALED 1967 AND OUTSIDE SHOULDER 1979. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. ONE PUNCHOUT IN THIS SECTION IN 1984.																																							
BOTH SHOULDERS SEALED 1985. RESTORED CONTINUITY AGAIN IN 1988. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER REPAIR-1995.																																							
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$33,128.																																							
																				2015	DIST	87	RIDE	4.40	PRPI	GOOD	IRI	43											
																				2016	DIST	88	RIDE	4.38	PRPI	GOOD	IRI	44											
																				2017	DIST	85	RIDE	4.33	PRPI	GOOD	IRI	46											
																				2018	DIST	94	RIDE	4.32	PRPI	GOOD	IRI	47											
																				2019	DIST	90	RIDE	4.35	PRPI	GOOD	IRI	45											
																				2020	DIST	88	RIDE	4.34	PRPI	GOOD	IRI	45											
																				2021	DIST	85	RIDE	4.27	PRPI	GOOD	IRI	49											
																				2022	DIST	85	RIDE	4.14	PRPI	GOOD	IRI	54											
																				2023	DIST	80	RIDE	3.93	PRPI	GOOD	IRI	64											
																				2024	DIST	80	RIDE	3.84	PRPI	GOOD	IRI	68											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT										
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
163	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
164	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
165	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
166	3.73	74	0.20	73.00	GOOD	N/A	N/A	9	0	4	4	0	0	2	6	
167	3.68	75	0.20	76.00	GOOD	N/A	N/A	9	0	3	4	0	0	2	6	
168	3.44	81	0.19	87.00	GOOD	N/A	N/A	9	0	4	3	0	0	2	0	
169	3.70	77	0.21	75.00	GOOD	N/A	N/A	9	0	2	5	0	0	0	6	
170	3.61	73	0.18	79.00	GOOD	N/A	N/A	9	0	4	5	0	0	2	6	
171	4.38	92	0.18	44.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0	
172	4.34	87	0.16	46.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0	
AVG	3.84	80	0.19	68.57	GOOD	N/A	N/A	8	0	3	4	0	0	1	3	

21 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0					1965	311			
	C-C 84 FEET							1965				
3.0	AGGREGATE BASE		27.0					1966				
7.0	CONT - REINF PCC		24.0					1966	915	20		
3.7	AGGREGATE BASE	7.7		13.1				1966				
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150			1966				
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150			1966				
	CONTRACT SAND SEAL	3.0		10.0	RC-800			1967				
	DISTRICT CHIP SEAL			10.0	AE-150S			1979	10			
	CONCRETE PAVEMENT REPAIR							1983	25	10		
	DISTRICT SAND SEAL	3.0		10.0	MC-800			1985	28			
	CONCRETE PAVEMENT REPAIR							1988	83	10		
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE			1992				
	CONCRETE PAVEMENT REPAIR		24.0		AE	S3	2000		10	11463	1	
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2000	4420		11463	1	
2.5	HOT BIT PAVEMENT	3.0	24.0		PG 58-28	31	2000		20	11463	1	
2.2	HOT BIT PAVEMENT	3.0	24.0		PG 58-34	31	2000			11463	1	
-2.0	MILLING	3.0	24.0	10.0			2014			18792	1	
2.0	HBP-SUPERPAVE-FAA45LIME	3.0	24.0	10.0	PG 64-28	SP	2014	2700	20	18792	1	
	FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2016			20905	1	
	MICROSURFACING		24.0		AE	MC	2016	567	7	20905	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		172.000	0.1260	182.488	0.0000	10.3516	3.0	24.0	10.0	11.7	3.0	48.0	37.0	1259	4969 2024	1758	11	11		COMPO	AOCRC	RI	1	2014	2016	2016	MICROSURFACI
E OF MENOKEN INTR E TO STERLING																		2015	DIST 89	RIDE 4.39	PRPI	GOOD	IRI	43					
																		2016	DIST 90	RIDE 4.43	PRPI	GOOD	IRI	42					
																		2017	DIST 86	RIDE 4.40	PRPI	GOOD	IRI	43					
																		2018	DIST 94	RIDE 4.36	PRPI	GOOD	IRI	45					
																		2019	DIST 90	RIDE 4.41	PRPI	GOOD	IRI	42					
																		2020	DIST 90	RIDE 4.46	PRPI	GOOD	IRI	40					
																		2021	DIST 90	RIDE 4.39	PRPI	GOOD	IRI	43					
																		2022	DIST 90	RIDE 4.33	PRPI	GOOD	IRI	46					
																		2023	DIST 88	RIDE 4.18	PRPI	GOOD	IRI	53					
																		2024	DIST 85	RIDE 4.03	PRPI	GOOD	IRI	59					

BOTH SHOULDERS SEALED 1967 AND 1985. OUTSIDE SHOULDER 1979. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. CONTINUITY RESTORED AGAIN IN 1988. ONE BREAK SINCE THEN. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER REPAIR-1995. MAINTENANCE PATCH-1995. MP 178.323 TO 178.367.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$35,103.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RUT TC	BC	RW	BP	RT
173	4.18	82	0.16	53.00	GOOD	N/A	N/A	9	0	3	3	0	0	2	0
174	4.09	81	0.18	57.00	GOOD	N/A	N/A	9	0	3	4	0	0	2	0
175	4.09	86	0.17	57.00	GOOD	N/A	N/A	6	0	4	3	0	0	0	0
176	3.91	84	0.17	65.00	GOOD	N/A	N/A	6	0	4	3	0	0	2	0
177	3.99	89	0.15	61.00	GOOD	N/A	N/A	3	0	4	3	0	0	0	0
178	3.90	91	0.13	66.00	GOOD	N/A	N/A	3	0	0	3	0	0	2	0
179	3.82	83	0.14	69.00	GOOD	N/A	N/A	6	0	4	4	0	0	2	0
180	4.07	87	0.14	58.00	GOOD	N/A	N/A	6	0	2	4	0	0	0	0
181	4.16	87	0.12	54.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0
182	4.07	84	0.11	58.00	GOOD	N/A	N/A	6	0	3	4	0	0	2	0
AVG	4.03	85	0.15	59.80	GOOD	N/A	N/A	6	0	3	3	0	0	1	0

22 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0					1965	290			
	C-C 84 FEET							1965				
3.0	AGGREGATE BASE		27.0					1966				
7.0	CONT - REINF PCC		24.0					1966	1017	20		
3.7	AGGREGATE BASE	7.7		13.1				1966				
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150			1966				
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150			1966	220			
	CONTRACT SAND SEAL	3.0		10.0	RC-800			1967				
	DISTRICT CHIP SEAL			10.0	AE-150S			1979	10			
	CONCRETE PAVEMENT REPAIR							1983	26	10		
	DISTRICT SAND SEAL	3.0		10.0	MC-800			1985	22			
	CONCRETE PAVEMENT REPAIR							1988	89	10		
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE			1992				
	INT MTCE PATCH-1.5"							1995				
	CONCRETE PAVEMENT REPAIR		24.0		AE	S3	2000	2070	10	11463	1	
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2000			11463	1	
2.5	HOT BIT PAVEMENT	3.0	24.0		PG 58-28	31	2000		20	11463	1	
2.2	HOT BIT PAVEMENT	3.0	24.0		PG 58-34	31	2000			11463	1	
-2.0	MILLING	3.0	24.0	10.0			2014			18792	1	
2.0	HBP-SUPERPAVE-FAA45LIME	3.0	24.0	10.0	PG 64-28	SP	2014	2861	20	18792	1	
	FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2016			20905	1	
	MICROSURFACING		24.0		AE	MC	2016	601	7	20905	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																																								
1	94	E		182.488	0.0000	191.000	0.4870	9.0065	3.0	24.0	10.0	12.4	3.0	48.0	37.0	1161	4134 2024	1694	24	22		COMPO	AOCRC	RI	1	2001	2015	2016	MICROSURFACI																																																																																								
STERLING INTR E TO E DRISCOLL INTR																																																																																																																					
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. RECLAMITE IN 1985 ON 10' SHOULDER. "D" CRACKING IS APPEARING QUITE RAPIDLY. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE CHIP SEAL ON RAMPS IN 1998 - CL 43, MC3000 (STERLING INTERCHANGE). PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,542. PCN 974 GRADE RAISE BETWEEN 188.126 TO 188.935																																																																																																																					
<table border="0"> <tr> <td>2015</td> <td>DIST</td> <td>91</td> <td>RIDE</td> <td>4.49</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>39</td> </tr> <tr> <td>2016</td> <td>DIST</td> <td>86</td> <td>RIDE</td> <td>4.34</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>45</td> </tr> <tr> <td>2017</td> <td>DIST</td> <td>88</td> <td>RIDE</td> <td>4.27</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>49</td> </tr> <tr> <td>2018</td> <td>DIST</td> <td>95</td> <td>RIDE</td> <td>4.27</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>49</td> </tr> <tr> <td>2019</td> <td>DIST</td> <td>91</td> <td>RIDE</td> <td>4.23</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>50</td> </tr> <tr> <td>2020</td> <td>DIST</td> <td>94</td> <td>RIDE</td> <td>4.34</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>46</td> </tr> <tr> <td>2021</td> <td>DIST</td> <td>92</td> <td>RIDE</td> <td>4.27</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>49</td> </tr> <tr> <td>2022</td> <td>DIST</td> <td>91</td> <td>RIDE</td> <td>4.19</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>52</td> </tr> <tr> <td>2023</td> <td>DIST</td> <td>89</td> <td>RIDE</td> <td>4.15</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>54</td> </tr> <tr> <td>2024</td> <td>DIST</td> <td>84</td> <td>RIDE</td> <td>4.07</td> <td>PRPI</td> <td>GOOD</td> <td>IRI</td> <td>58</td> </tr> </table>																												2015	DIST	91	RIDE	4.49	PRPI	GOOD	IRI	39	2016	DIST	86	RIDE	4.34	PRPI	GOOD	IRI	45	2017	DIST	88	RIDE	4.27	PRPI	GOOD	IRI	49	2018	DIST	95	RIDE	4.27	PRPI	GOOD	IRI	49	2019	DIST	91	RIDE	4.23	PRPI	GOOD	IRI	50	2020	DIST	94	RIDE	4.34	PRPI	GOOD	IRI	46	2021	DIST	92	RIDE	4.27	PRPI	GOOD	IRI	49	2022	DIST	91	RIDE	4.19	PRPI	GOOD	IRI	52	2023	DIST	89	RIDE	4.15	PRPI	GOOD	IRI	54	2024	DIST	84	RIDE	4.07	PRPI	GOOD	IRI	58
2015	DIST	91	RIDE	4.49	PRPI	GOOD	IRI	39																																																																																																													
2016	DIST	86	RIDE	4.34	PRPI	GOOD	IRI	45																																																																																																													
2017	DIST	88	RIDE	4.27	PRPI	GOOD	IRI	49																																																																																																													
2018	DIST	95	RIDE	4.27	PRPI	GOOD	IRI	49																																																																																																													
2019	DIST	91	RIDE	4.23	PRPI	GOOD	IRI	50																																																																																																													
2020	DIST	94	RIDE	4.34	PRPI	GOOD	IRI	46																																																																																																													
2021	DIST	92	RIDE	4.27	PRPI	GOOD	IRI	49																																																																																																													
2022	DIST	91	RIDE	4.19	PRPI	GOOD	IRI	52																																																																																																													
2023	DIST	89	RIDE	4.15	PRPI	GOOD	IRI	54																																																																																																													
2024	DIST	84	RIDE	4.07	PRPI	GOOD	IRI	58																																																																																																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
183	4.12	88	0.13	55.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
184	4.08	83	0.14	58.00	GOOD	N/A	N/A	6	0	4	6	0	0	0
185	4.15	80	0.17	55.00	GOOD	N/A	N/A	6	0	5	6	0	0	2
186	4.09	85	0.17	57.00	GOOD	N/A	N/A	6	0	3	5	0	0	0
187	4.19	86	0.14	52.00	GOOD	N/A	N/A	6	0	4	3	0	0	0
188	3.78	82	0.16	71.00	GOOD	N/A	N/A	9	0	4	4	0	0	0
189	3.99	86	0.16	61.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
190	4.08	81	0.17	58.00	GOOD	N/A	N/A	9	0	4	5	0	0	0
191	4.13	86	0.17	55.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
AVG	4.07	84	0.16	58.00	GOOD	N/A	N/A	6	0	4	5	0	0	0

21 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1965	300				
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	845	20			
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966	178				
	CONTRACT CHIP SEAL	3.0		10.0	MC-3000		1981	14				
	CONCRETE PAVEMENT REPAIR						1983	23	10			
	DISTRICT SAND SEAL			10.0	RCLMITE		1985	18				
	MAINTENANCE GRAVEL SEAL			10.0	MC-3000		1987	45				
	CONCRETE PAVEMENT REPAIR						1988	77	10			
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE		1992					
5.0	HBP-SUPERPAVE-FAA 45	3.0	24.0		PG 58-28	27	2001	2149	20	974	1	
4.0	HOT BIT PAVEMENT			10.0	PG 58-34	27	2001			974	1	
	MICROSURFACING		24.0		AE	MC	2006	311	7	16050	1	
	FEDERAL AID CHIP SEAL	3.0		10.0	MC-3000P	43	2006			16050	1	
-2.0	MILLING			37.0			2015			18843	1	
2.0	HBP-SUPERPAVE-FAA45LIME	3.0	24.0	10.0	PG 64-28	SP	2015	1894	7	18843	1	
	FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2016			21270	1	
	MICROSURFACING		25.0		AE	MC	2016	425	7	21270	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	PVMT SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB											
1	94	E		191.000	0.4870	193.000	0.1110	1.6205	3.0	24.0	10.0	12.4	3.0	48.0	37.0	1165	4350 2024	1701	23	22		COMPO	AOCRC	RI	1	2002	2015	2016	MICROSURFACI											
E DRISCOLL INTR E TO E LONG LAKE																																								
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. "D" CRACKING IS APPEARING QUITE RAPIDLY. WORSE EVERY YEAR. SOME AREAS ALMOST BLACK. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. CONTROL SECTION MP 195.0 TO MP 195.2-1992. SILANE TREATMENT MP 195.2 TO MP 196.0-1992. CONTRACT PATCHING-1995-MP 195.1 TO 196.0. 3.3" HBP CL 33 ON MAINLINE. 1.6" HBP CL 29 ON SHOULDERS. PCN-12523-BEG RP 193.111 TO END RP 196.000. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$15,286.																																								
																				2015	DIST 89	RIDE	4.40	PRPI	GOOD	IRI	43													
																				2016	DIST 87	RIDE	4.38	PRPI	GOOD	IRI	44													
																				2017	DIST 86	RIDE	4.22	PRPI	GOOD	IRI	51													
																				2018	DIST 92	RIDE	4.29	PRPI	GOOD	IRI	48													
																				2019	DIST 87	RIDE	4.21	PRPI	GOOD	IRI	52													
																				2020	DIST 88	RIDE	4.36	PRPI	GOOD	IRI	45													
																				2021	DIST 88	RIDE	4.26	PRPI	GOOD	IRI	49													
																				2022	DIST 94	RIDE	4.29	PRPI	GOOD	IRI	48													
																				2023	DIST 88	RIDE	4.22	PRPI	GOOD	IRI	51													
																				2024	DIST 87	RIDE	4.22	PRPI	GOOD	IRI	52													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	RT	
192	4.06	83	0.17	59.00	GOOD	N/A	N/A	6	0	4	4	0	2	0
193	4.37	91	0.13	45.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
AVG	4.22	87	0.15	52.00	GOOD	N/A	N/A	5	0	4	3	0	1	0

25 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	97				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE			27.0			1966					
7.0	CONT - REINF PCC			24.0			1966	350	20			
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966	72				
	CONTRACT CHIP SEAL	3.0		10.0	MC-3000		1981	3				
	CONCRETE PAVEMENT REPAIR						1983	4	10			
	DISTRICT SAND SEAL			10.0	RCLMITE		1985	3				
	MAINTENANCE GRAVEL SEAL	3.0			MC-3000		1987	8				
	CONCRETE PAVEMENT REPAIR						1988	13	10			
	SILANE TREATMENT						1992					
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE		1992					
	INT CONT PATCH-1.5"				120-150		1995	42				
	FEDERAL AID CHIP SEAL			27.0	MC-3000P	43	1999	17		12523		1
	FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523		1
5.0	HBP-SUPERPAVE-FAA 45	3.0	24.0		PG 58-28	27	2002	477	50	974		1
4.0	HOT BIT PAVEMENT			10.0	PG 58-34	27	2002			974		1
	MICROSURFACING			24.0	AE	MC	2006	56	8	16050		1
	FEDERAL AID CHIP SEAL	3.0		10.0	MC-3000P	43	2006			16050		1
-2.0	MILLING			37.0			2015			18843		1
2.0	HBP-SUPERPAVE-FAA45LIME	3.0	24.0	10.0	PG 64-28	SP	2015	341	7	18843		1
	FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2016			21270		1
	MICROSURFACING			25.0	AE	MC	2016	76	7	21270		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	HWY YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB										
1	94	E		193.000	0.1110	196.000	0.0000	2.8874	3.0	24.0	10.0	12.7	3.0	48.0	37.0	1163	4278 2024	1701	15	15		COMPO	AOCRC	RI	1	2010	2022	2023	MICROSURFACI										
2 MILES E OF DRISCOLL																																							
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. "D" CRACKING IS APPEARING QUITE RAPIDLY. WORSE EVERY YEAR. SOME AREAS ALMOST BLACK. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. CONTROL SECTION MP 195.0 TO MP 195.2-1992. SILANE TREATMENT MP 195.2 TO MP 196.0-1992. CONTRACT PATCHING-1995-MP 195.1 TO 196.0. 3.3" HBP CL 33 ON MAINLINE. 1.6" HBP CL 29 ON SHOULDERS. PCN-12523-BEG RP 193.111 TO END RP 196.000. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$15,286.																																							
																				2015	DIST	90	RIDE	4.19	PRPI	GOOD	IRI	52											
																				2016	DIST	90	RIDE	4.18	PRPI	GOOD	IRI	53											
																				2017	DIST	86	RIDE	3.99	PRPI	GOOD	IRI	61											
																				2018	DIST	92	RIDE	4.09	PRPI	GOOD	IRI	57											
																				2019	DIST	89	RIDE	4.14	PRPI	GOOD	IRI	54											
																				2020	DIST	87	RIDE	4.27	PRPI	GOOD	IRI	49											
																				2021	DIST	86	RIDE	4.17	PRPI	GOOD	IRI	53											
																				2022	DIST	99	RIDE	4.37	PRPI	GOOD	IRI	44											
																				2023	DIST	99	RIDE	4.29	PRPI	GOOD	IRI	48											
																				2024	DIST	99	RIDE	4.32	PRPI	GOOD	IRI	47											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BC	RW	BP	RT
194	4.34	99	0.13	46.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0
195	4.29	98	0.14	48.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
AVG	4.32	99	0.14	47.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0

26 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	174				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE			27.0			1966					
7.0	CONT - REINF PCC			24.0			1966	624	20			
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966	128				
	CONTRACT CHIP SEAL	3.0		10.0	MC-3000		1981	4				
	CONCRETE PAVEMENT REPAIR						1983	8	10			
	DISTRICT SAND SEAL			10.0	RCLMITE		1985	5				
	MAINTENANCE GRAVEL SEAL	3.0			MC-3000		1987	15				
	CONCRETE PAVEMENT REPAIR						1988	24	10			
	SILANE TREATMENT						1992					
	DISTRICT SAND SEAL	3.0		10.0	RCLMITE		1992					
	INT CONT PATCH-1.5"				120-150		1995	76				
	FEDERAL AID CHIP SEAL			27.0	MC-3000P	43	1999	30		12523	1	
	FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523	1	
	CONCRETE PAVEMENT REPAIR						2010			17653	1	
-1.7	MILLING	3.0	24.0	10.0			2010			17653	1	
3.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	10.0	PG 64-28	SP	2010	773	20	17653	1	
	FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2011			18588	1	
	MICROSURFACING			25.0	AE	MC	2011	162		18588	1	
-2.0	MILLING			38.0			2022			23185	1	
2.0	RAP-SUPERPAVE FAA 45	3.0	24.0	10.0	PG58H-34	SP	2022	757	7	23185	1	
	FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2023			23462	1	
	MICROSURFACING			24.0	AE	MC	2023	229	7	23462	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	94	E		196.000	0.0000	198.000	0.0000	2.0007	3.0	24.0	10.0	12.7	3.0	48.0	37.0	1160	4120 2024	1694	15	15		COMPO	AOCRC	RI	1	2010	2022	2023	MICROSURFACI					
																				2015	DIST	91	RIDE	4.26	PRPI	GOOD	IRI	50						
																				2016	DIST	93	RIDE	4.22	PRPI	GOOD	IRI	51						
																				2017	DIST	87	RIDE	4.06	PRPI	GOOD	IRI	58						
																				2018	DIST	94	RIDE	4.15	PRPI	GOOD	IRI	54						
																				2019	DIST	90	RIDE	3.97	PRPI	GOOD	IRI	62						
																				2020	DIST	84	RIDE	4.22	PRPI	GOOD	IRI	51						
																				2021	DIST	90	RIDE	4.10	PRPI	GOOD	IRI	56						
																				2022	DIST	99	RIDE	4.52	PRPI	GOOD	IRI	38						
																				2023	DIST	99	RIDE	4.35	PRPI	GOOD	IRI	45						
																				2024	DIST	98	RIDE	4.34	PRPI	GOOD	IRI	46						

E LONG LAKE INTR E 2.0 MILES

CRS-2LM-1995 SEAL.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$6,784.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
196	4.30	97	0.16	48.00	GOOD	N/A	N/A	0	0	0	2	0	0	0
197	4.38	98	0.14	44.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
AVG	4.34	98	0.15	46.00	GOOD	N/A	N/A	0	0	0	2	0	0	0

27 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965					
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	20				
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966					
	CONCRETE PAVEMENT REPAIR						1983	5	10			
	DISTRICT SAND SEAL			10.0	RCLMITE		1985	4				
	MAINTENANCE GRAVEL SEAL	3.0			MC-3000		1987	10				
	CONCRETE PAVEMENT REPAIR						1988	18	10			
4.0	HOT BIT PAVEMENT		24.0		120-150	33	1992					
	CONTRACT CHIP SEAL		24.0				1995	32				
	SAFETY ENHANCEMENTS 90-1						1997					
	FEDERAL AID CHIP SEAL		27.0		MC-3000P	43	1999	33		12523	1	
	FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523	1	
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	33	2003		10	15207	1	
	MICROSURFACING		24.0		AE	MC	2006	69	8	16051	1	
	FEDERAL AID CHIP SEAL	3.0		10.0	MC-3000P	43	2006			16051	1	
-3.7	MILLING	3.0	24.0	10.0			2010			17653	1	
3.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	10.0	PG 64-28	SP	2010	535	20	17653	1	
	FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2011			18588	1	
	MICROSURFACING		25.0		AE	MC	2011	112		18588	1	
-2.0	MILLING		38.0				2022			23185	1	
2.0	RAP-SUPERPAVE FAA 45	3.0	24.0	10.0	PG58H-34	SP	2022	525	7	23185	1	
	FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2023			23462	1	
	MICROSURFACING		24.0		AE	MC	2023	159	7	23462	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		198.000	0.0000	201.000	0.1790	3.1809	3.0	24.0	10.0	12.7	3.0	48.0	37.0	1165	4173 2024	1694	15	15		COMPO	AOCRC	RI	1	2010	2022	2023	MICROSURFACI
2.0 MI E LONG LAKE E TO E STEELE																		2015	DIST	91	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2016	DIST	91	RIDE	4.31	PRPI	GOOD	IRI	47			
																		2017	DIST	87	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2018	DIST	93	RIDE	4.26	PRPI	GOOD	IRI	49			
																		2019	DIST	89	RIDE	4.21	PRPI	GOOD	IRI	51			
																		2020	DIST	88	RIDE	4.39	PRPI	GOOD	IRI	44			
																		2021	DIST	90	RIDE	4.31	PRPI	GOOD	IRI	47			
																		2022	DIST	99	RIDE	4.33	PRPI	GOOD	IRI	46			
																		2023	DIST	99	RIDE	4.31	PRPI	GOOD	IRI	47			
																		2024	DIST	99	RIDE	4.34	PRPI	GOOD	IRI	46			

(PAVEMENT DEPTHS) 3FT SHLD 2.25" TO 3", 12FT PASS LN 3" TO 4.25",  
12FT DRV LN 4.25" TO 3.5", 10FT SHLD 3.5" TO 1.25.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$10,786.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
198	4.38	99	0.10	44.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
199	4.25	98	0.07	50.00	GOOD	N/A	N/A	0	0	1	0	0	0	0
200	4.33	99	0.10	47.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
201	4.41	99	0.13	43.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
AVG	4.34	99	0.10	46.00	GOOD	N/A	N/A	0	0	0	0	0	0	0

26 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1965					
		C-C 84 FEET						1965					
	3.0	AGGREGATE BASE		27.0				1966					
	7.0	CONT - REINF PCC		24.0				1966	20				
	3.7	AGGREGATE BASE	7.7		13.1			1966					
	2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
	3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966					
		CONTRACT CHIP SEAL	3.0		10.0	MC-3000		1981	5				
		CONCRETE PAVEMENT REPAIR						1983	8	10			
		DISTRICT SAND SEAL			10.0	RCLMITE		1985	6				
		MAINTENANCE GRAVEL SEAL	3.0			MC-3000		1987	16				
		CONCRETE PAVEMENT REPAIR						1988	28	10			
		DISTRICT SAND SEAL	3.0		10.0	RCLMITE		1992					
	3.7	HOT BIT PAVEMENT	3.0	24.0		120-150	33	1997	296	20	307	1	
	2.4	HOT BIT PAVEMENT			10.0	120-150	25	1997	57		307	1	
		SAFETY ENHANCEMENTS 90-1						1997			307	1	
		FEDERAL AID CHIP SEAL			27.0	MC-3000P	43	1999	52		12523	1	
		FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523	1	
	-2.0	MILLING	3.0	24.0	10.0			2010			17653	1	
	3.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	10.0	PG 64-28	SP	2010	851	20	17653	1	
		FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2011			18588	1	
		MICROSURFACING			25.0	AE	MC	2011	178		18588	1	
	-2.0	MILLING			38.0			2022			23185	1	
	2.0	RAP-SUPERPAVE FAA 45	3.0	24.0	10.0	PG58H-34	SP	2022	834	7	23185	1	
		FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2023			23462	1	
		MICROSURFACING			24.0	AE	MC	2023	253	7	23462	1	

ENGLISH

D	Hwy	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	LAST YEAR	EFF SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	E		201.000	0.1790	208.702	0.0000	7.5047	3.0	24.0	10.0	12.7	3.0	48.0	37.0	1190	4291	1778	15	15		COMPO	AOCRC	RI	1	2010	2022	2023	MICROSURFACI
E STEELE INTER TO DISTRICT BOUNDARY																													
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. (1997 PAVEMENT DEPTHS) 3FT SHLD 2.25" TO 3", 12FT PASS LN 3" TO 4.25" 12FT DRV LN 4.25" TO 3.5", 10FT SHLD 3.5" TO 1.25". PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$25,449.																													
2015 DIST 89 RIDE 4.30 PRPI GOOD IRI 47																													
2016 DIST 89 RIDE 4.31 PRPI GOOD IRI 47																													
2017 DIST 87 RIDE 4.18 PRPI GOOD IRI 53																													
2018 DIST 92 RIDE 4.25 PRPI GOOD IRI 50																													
2019 DIST 91 RIDE 4.27 PRPI GOOD IRI 49																													
2020 DIST 89 RIDE 4.40 PRPI GOOD IRI 43																													
2021 DIST 89 RIDE 4.34 PRPI GOOD IRI 46																													
2022 DIST 99 RIDE 4.43 PRPI GOOD IRI 42																													
2023 DIST 95 RIDE 4.41 PRPI GOOD IRI 43																													
2024 DIST 98 RIDE 4.42 PRPI GOOD IRI 42																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
202	4.44	98	0.15	42.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
203	4.45	99	0.15	41.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
204	4.50	98	0.15	39.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
205	4.41	99	0.16	43.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
206	4.34	96	0.14	46.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
207	4.39	99	0.18	43.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
208	4.43	99	0.15	42.00	GOOD	N/A	N/A	0	0	0	0	0	0	0
AVG	4.42	98	0.15	42.29	GOOD	N/A	N/A	0	0	0	1	0	0	0

24 OCCURS DPTH (IN)	COMPONENTS	L SHL WDT (FT)	RDWY WDT (FT)	R SHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965					
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	72	20			
3.7	AGGREGATE BASE	7.7		13.1			1966					
2.0	PLANT MIX BIT BASE	5.8		11.9	120-150		1966					
3.0	HOT BIT PAVEMENT	3.0		10.0	120-150		1966	13				
	DISTRICT CHIP SEAL	3.0		10.0	MC-3000		1981	12				
	CONCRETE PAVEMENT REPAIR						1983	21	10			
	MAINTENANCE GRAVEL SEAL	3.0			MC-3000		1987	42				
	CONCRETE PAVEMENT REPAIR						1988	66	10			
3.7	HOT BIT PAVEMENT	3.0	24.0		120-150	33	1997	698	20	307	1	
2.4	HOT BIT PAVEMENT			10.0	120-150	25	1997	135		307	1	
	SAFETY ENHANCEMENTS 90-1						1997			307	1	
	FEDERAL AID CHIP SEAL		27.0		MC-3000P	43	1999	123		12523	1	
	FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523	1	
-1.7	MILLING	3.0	24.0	10.0			2010			17653	1	
3.0	HBP-SUPERPAVE-FAA 45	3.0	24.0	10.0	PG 64-28	SP	2010	2008	20	17653	1	
	FEDERAL AID SAND SEAL	2.5		9.5	CRS2P	45	2011			18588	1	
	MICROSURFACING		25.0		AE	MC	2011	420		18588	1	
-2.0	MILLING			38.0			2022			23185	1	
2.0	RAP-SUPERPAVE FAA 45	3.0	24.0	10.0	PG58H-34	SP	2022	1968	7	23185	1	
	FEDERAL AID SAND SEAL	3.0		10.0	CRS2P	45	2023			23462	1	
	MICROSURFACING		24.0		AE	MC	2023	596	7	23462	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	94	W		97.188	0.0000	101.000	0.0000	3.7430	10.0	24.0	4.0	9.0	8.0	54.8	38.0	1065	3460 2024	1587	6	6		CONCR	JOINT	RI	1	2019	2019	2019	PCC JOINTED																																																																														
HEBRON E TO NEAR EAGLES NEST																		2015	DIST	88	RIDE	3.65	PRPI	GOOD	IRI	76	2016	DIST	85	RIDE	3.49	PRPI	GOOD	IRI	84	2017	DIST	87	RIDE	3.39	PRPI	GOOD	IRI	88	2018	DIST	91	RIDE	3.27	PRPI	GOOD	IRI	95	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	96	RIDE	3.77	PRPI	GOOD	IRI	71	2021	DIST	97	RIDE	4.03	PRPI	GOOD	IRI	60	2022	DIST	96	RIDE	4.03	PRPI	GOOD	IRI	59	2023	DIST	96	RIDE	4.15	PRPI	GOOD	IRI	55	2024	DIST	97	RIDE	3.51	PRPI	FAIR	IRI	83
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$12,704.																																																																																																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
98	3.62	97	N/A	78.00	FAIR	0.07	34	0	0	0	0	1	1	0	0	0
99	3.41	97	N/A	88.00	FAIR	0.08	37	0	0	0	0	1	1	0	0	0
100	3.51	97	N/A	83.00	FAIR	0.07	30	0	0	0	0	1	1	0	0	0
AVG	3.51	97	N/A	83.00	FAIR	0.07	34	0	0	0	0	1	1	0	0	0

7 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE		48.0				1962	253				
WIDENING		54.8				2019			21642	1	
8.0 SALVAGED BIT BASE		30.0				2019			21642	1	
13.0 SALVAGED BIT BASE			8.0			2019			21642	1	
9.0 NON-REINF PCC	4.0	24.0	2.0			2019	682	30	21642	1	
4.0 PLANT MIX BIT BASE	8.0			PG 58S28	SP	2019			21642	1	
CONTRACT SAND SEAL	8.0			CRS2P	45	2024			24118	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	94	W		101.000	0.0000	113.389	0.4970	12.8885	10.0	24.0	4.0	9.0	8.0	50.0	38.0	1036	3847 2024	1602	31	31		CONCR	JOINT	RI	1	1994	1994	1994	CPR/GRINDING							
NEAR EAGLES NEST E TO E GECK INTR																		2015	DIST	94	RIDE	3.73	PRPI	GOOD	IRI	73										
																		2016	DIST	92	RIDE	3.82	PRPI	GOOD	IRI	69										
																		2017	DIST	92	RIDE	3.98	PRPI	GOOD	IRI	61										
																		2018	DIST	93	RIDE	3.96	PRPI	GOOD	IRI	62										
																		2019	DIST	93	RIDE	4.18	PRPI	GOOD	IRI	53										
																		2020	DIST	93	RIDE	4.04	PRPI	GOOD	IRI	59										
																		2021	DIST	93	RIDE	4.06	PRPI	GOOD	IRI	58										
																		2022	DIST	91	RIDE	4.08	PRPI	GOOD	IRI	57										
																		2023	DIST	91	RIDE	4.08	PRPI	GOOD	IRI	57										
																		2024	DIST	91	RIDE	3.66	PRPI	GOOD	IRI	76										

PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$43,744.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
101	3.47	89	N/A	85.00	FAIR	0.10	38	0	0	0	3	3	3	0	0	1
102	N/A	NA	N/A	N/A	N/A	0.10	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
103	N/A	NA	N/A	N/A	N/A	0.09	61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
104	3.43	94	N/A	87.00	FAIR	0.09	26	0	0	0	0	3	1	0	0	1
105	3.44	91	N/A	87.00	FAIR	0.08	35	0	0	0	4	2	1	0	0	1
106	3.36	93	N/A	90.00	FAIR	0.08	25	0	0	0	1	3	1	0	0	1
107	3.72	96	N/A	74.00	GOOD	0.07	38	0	0	0	0	2	1	0	0	0
108	4.12	90	N/A	55.00	GOOD	0.09	21	0	0	0	4	3	1	0	0	1
109	3.81	86	N/A	69.00	GOOD	0.14	31	0	0	0	1	4	5	0	1	1
110	4.03	85	N/A	60.00	GOOD	0.12	30	0	0	0	1	4	4	3	0	1
111	3.77	94	N/A	72.00	GOOD	0.08	15	0	0	0	1	3	0	0	0	1
112	3.47	93	N/A	85.00	FAIR	0.09	32	0	0	0	1	3	1	0	0	1
113	3.68	93	N/A	76.00	GOOD	0.07	35	0	0	0	0	1	2	1	0	1
AVG	3.66	91	N/A	76.36	GOOD	0.09	34	0	0	0	2	3	2	0	0	1

10 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS GRADE		48.0				1961					
C-C 84 FEET						1961					
EDGE DRAIN						1994					
4.0 SALVAGED AGGR BASE		46.0				1994					
4.0 PERM ASPH STAB BASE		44.0				1994					
9.0 RECYCLED PCC		24.0				1994	9917	30			
9.0 NON-REINF PCC	10.0		4.0			1994					
CONCRETE PAVEMENT REPAIR		24.0				2006			16056		1
CONCRETE PAVEMENT REPAIR		24.0				2015	2437		19743		1
GRINDING		30.0				2015			19743		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		113.389	0.4970	121.000	0.0110	7.1317	10.0	24.0	4.0	10.0	4.0	50.0	38.0	961	4346 2024	1386	39	39			CONCR JOINT RI		1	1986	2000	2000	CPR/GRINDING
E GECK INTR E TO E BLUEGRASS INTR																													
CRACK SEALING AND SPALL REPAIR-1992.																													
STITCHING LOCATIONS 118.891 TO 118.874, 118.681-118.672, 118.354 TO 118.223, 117.959 - 117.944, 115.406 - 115.389 IN YR 2000 PCN 12391 PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$24,205.																													
2015 DIST 91 RIDE 3.70 PRPI GOOD IRI 74																													
2016 DIST 85 RIDE 3.68 PRPI GOOD IRI 75																													
2017 DIST 88 RIDE 3.91 PRPI GOOD IRI 65																													
2018 DIST 89 RIDE 3.77 PRPI GOOD IRI 71																													
2019 DIST 88 RIDE 3.91 PRPI GOOD IRI 65																													
2020 DIST 90 RIDE 3.93 PRPI GOOD IRI 64																													
2021 DIST 90 RIDE 3.90 PRPI GOOD IRI 65																													
2022 DIST 89 RIDE 3.86 PRPI GOOD IRI 67																													
2023 DIST 88 RIDE 3.81 PRPI GOOD IRI 69																													
2024 DIST 87 RIDE 3.71 PRPI GOOD IRI 74																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT																				
PT						FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP												
114	3.69	87	N/A	75.00	GOOD	0.09	97	0	0	0	2	1	4	3	0	1	1											
115	3.91	89	N/A	65.00	GOOD	0.08	122	0	0	0	1	1	3	3	0	1	1											
116	3.79	86	N/A	70.00	GOOD	0.08	105	0	0	0	3	1	4	3	0	1	1											
117	3.76	90	N/A	72.00	GOOD	0.07	45	0	0	0	2	0	4	1	0	1	1											
118	3.70	88	N/A	74.00	GOOD	0.12	56	0	0	0	0	0	1	3	5	0	1	1										
119	3.61	87	N/A	79.00	GOOD	0.07	46	0	0	0	4	0	5	2	0	0	1											
120	3.49	85	N/A	84.00	GOOD	0.14	55	0	0	0	1	0	4	7	0	1	1											
AVG	3.71	87	N/A	74.14	GOOD	0.09	75	0	0	0	2	1	4	3	0	1	1											

11 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN						
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H		
COMPONENTS		50.0				1960	417						
GRADE						1960							
C-C 84 FEET						1986							
4.0 RECYCLED BITUMINOUS BASE		46.0				1986	3320	20					
10.0 RECYCLED PCC		24.0				1986							
10.0 NON-REINF PCC	10.0		4.0			1986							
CPR/DOWEL BAR RETROFIT		12.0			05	2000	1093	10	12391		1		
GRINDING		18.0				2000			12391		1		
DRIVE SLOPE FLATTENING						2000			12391		1		
CONCRETE PAVEMENT REPAIR		24.0				2006			16056		1		
CONCRETE PAVEMENT REPAIR		24.0				2015	1348		19743		1		
GRINDING		30.0				2015			19743		1		

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
1	94	W		121.000	0.0110	128.000	0.6140	7.5864	10.0	24.0	4.0	10.0	4.0	50.0	38.0	1154	4616 2024	1132	36	36			CONCR	JOINT	RI	1	1989	2000	2000	CPR/GRINDING			
E BLUEGRASS INTR TO E N SALEM INTR																		2015	DIST	92	RIDE	3.94	PRPI	GOOD	IRI	63							
																		2016	DIST	88	RIDE	3.95	PRPI	GOOD	IRI	63							
																		2017	DIST	88	RIDE	4.12	PRPI	GOOD	IRI	55							
																		2018	DIST	91	RIDE	4.07	PRPI	GOOD	IRI	57							
																		2019	DIST	89	RIDE	4.22	PRPI	GOOD	IRI	51							
																		2020	DIST	89	RIDE	4.03	PRPI	GOOD	IRI	59							
																		2021	DIST	88	RIDE	4.06	PRPI	GOOD	IRI	58							
																		2022	DIST	85	RIDE	4.03	PRPI	GOOD	IRI	59							
																		2023	DIST	83	RIDE	3.99	PRPI	GOOD	IRI	61							
																		2024	DIST	79	RIDE	3.42	PRPI	FAIR	IRI	87							

CRACK SEALING AND NSPALL REPAIR-1992.  
CENTERLINE STITCHING AREAS (WB) 121, 124, 127  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$25,748.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT										
PT						FLT	FLT DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP		
121	3.44	79	N/A	86.00	FAIR	0.20	60	0	0	2	2	5	9	0	1	1		
122	3.65	82	N/A	77.00	GOOD	0.17	62	0	0	1	1	5	9	0	0	1		
123	3.50	78	N/A	84.00	GOOD	0.19	86	0	0	0	4	4	11	0	1	1		
124	3.30	80	N/A	93.00	FAIR	0.20	75	0	0	0	1	6	10	0	1	1		
125	3.17	76	N/A	99.00	FAIR	0.17	115	0	0	2	1	7	11	0	1	1		
126	3.05	76	N/A	105.00	FAIR	0.20	92	0	0	2	1	7	11	0	1	1		
127	3.43	73	N/A	87.00	FAIR	0.11	85	0	0	3	7	7	7	0	1	1		
128	3.78	89	N/A	71.00	GOOD	0.07	37	0	0	0	1	6	1	0	1	1		
AVG	3.42	79	N/A	87.75	FAIR	0.16	77	0	0	1	2	6	9	0	1	1		

9 OCCURS		LSHL	RDWY	RSHL	OIL/CON	CLS	COST		DSN			
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
	C-C 84 FEET		50.0				1960	209				
4.0	RECYCLED BITUMINOUS BASE		46.0				1989					
10.0	RECYCLED PCC		24.0				1989	3315	30			
10.0	NON-REINF PCC	10.0		4.0			1989					
	CPR/DOWEL BAR RETROFIT		12.0			05	2000	1172	10	13250	1	
	GRINDING		18.0				2000			13250	1	
	CONCRETE PAVEMENT REPAIR		24.0				2015	1434		19743	1	
	GRINDING		30.0				2015			19743	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		128.000	0.6140	137.000	0.1400	8.5156	10.0	24.0	4.0	10.0	8.0	50.0	38.0	1026	5102 2024	1308	22	22		CONCR	CRCP	RI	1	2003	2003	2003	CRCP(VIRGIN)
E N SALEM INTR E TO W SWEET BRIAR																		2015	DIST 91	RIDE 4.39	PRPI	GOOD	IRI	43					
																		2016	DIST 92	RIDE 4.39	PRPI	GOOD	IRI	43					
																		2017	DIST 92	RIDE 4.35	PRPI	GOOD	IRI	45					
																		2018	DIST 94	RIDE 4.33	PRPI	GOOD	IRI	46					
																		2019	DIST 94	RIDE 4.51	PRPI	GOOD	IRI	38					
																		2020	DIST 94	RIDE 4.46	PRPI	GOOD	IRI	40					
																		2021	DIST 93	RIDE 4.47	PRPI	GOOD	IRI	40					
																		2022	DIST 93	RIDE 4.47	PRPI	GOOD	IRI	40					
																		2023	DIST 93	RIDE 4.42	PRPI	GOOD	IRI	42					
																		2024	DIST 90	RIDE 4.40	PRPI	GOOD	IRI	43					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG RIDE	AVERAGE RIDE	DISTRESS	& RUT	CP	BU			
129	4.64	95	N/A	32.00	EXCL	N/A	N/A	0	0	0	4	0	0	0	0
130	4.59	94	N/A	35.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
131	4.41	95	N/A	43.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
132	4.22	84	N/A	51.00	GOOD	N/A	N/A	0	0	9	4	0	2	0	0
133	4.39	87	N/A	43.00	GOOD	N/A	N/A	0	0	8	4	0	0	0	0
134	4.34	87	N/A	46.00	GOOD	N/A	N/A	0	0	8	4	0	0	0	0
135	4.59	87	N/A	35.00	GOOD	N/A	N/A	0	0	8	4	0	0	0	0
136	4.55	95	N/A	37.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0
137	3.90	87	N/A	65.00	GOOD	N/A	N/A	0	0	8	4	0	0	0	0
AVG	4.40	90	N/A	43.00	GOOD	N/A	N/A	0	0	5	4	0	0	0	0

3 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
8.0 SALVAGED AGGR BASE			42.0			2003		11870	1	
10.0 CONT - REINF PCC			24.0	4.0	AE	2003	9308	30	11870	1
10.0 NON-REINF PCC	10.0			YE		2003		11870	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	94	W		137.000	0.1400	147.183	0.4965	10.5343	10.0	24.0	4.0	9.0	8.5	50.0	38.0	1038	5054 2024	1302	20	20		CONCR	JOINT	RI	1	2005	2005	2005	PCC	JOINTED
W SWEET BRIAR E TO E ND 25 INTR-WB																		2015	DIST	93	RIDE	3.40	PRPI	FAIR	IRI	88				
																		2016	DIST	91	RIDE	3.77	PRPI	GOOD	IRI	71				
																		2017	DIST	90	RIDE	3.34	PRPI	FAIR	IRI	90				
																		2018	DIST	92	RIDE	3.43	PRPI	FAIR	IRI	86				
																		2019	DIST	92	RIDE	3.88	PRPI	GOOD	IRI	66				
																		2020	DIST	92	RIDE	3.29	PRPI	FAIR	IRI	93				
																		2021	DIST	92	RIDE	3.37	PRPI	FAIR	IRI	89				
																		2022	DIST	92	RIDE	3.50	PRPI	FAIR	IRI	84				
																		2023	DIST	91	RIDE	3.63	PRPI	FAIR	IRI	77				
																		2024	DIST	92	RIDE	3.18	PRPI	FAIR	IRI	98				

PCN-14082 SIGNING RP 97.188 TO RP 208.702, 2001 - \$35,754

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
138	3.45	94	N/A	86.00	FAIR	0.07	28	0	0	0	0	4	1	0	0	0
139	3.20	91	N/A	97.00	FAIR	0.06	40	0	0	0	4	0	2	1	0	1
140	2.97	92	N/A	108.00	FAIR	0.07	41	0	0	0	0	1	3	1	0	1
141	2.74	85	N/A	120.00	POOR	0.07	77	0	0	0	1	4	4	3	0	1
142	2.85	86	N/A	114.00	POOR	0.07	45	0	0	0	4	3	3	1	0	1
143	3.07	95	N/A	104.00	FAIR	0.06	43	0	0	0	0	0	1	1	0	1
144	2.98	95	N/A	108.00	POOR	0.07	29	0	0	0	0	1	2	1	0	0
145	3.40	95	N/A	89.00	FAIR	0.07	79	0	0	0	0	0	1	3	0	0
146	3.47	93	N/A	85.00	FAIR	0.07	80	0	0	0	0	0	3	3	0	0
147	3.67	89	N/A	76.00	GOOD	0.07	59	0	0	0	1	1	6	2	0	0
AVG	3.18	92	N/A	98.70	FAIR	0.07	52	0	0	0	1	1	3	2	0	1

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		50.0				2005			12013	1	
4.5	SALVAGED AGGR BASE		24.0	4.0			2005			12013	1	
4.0	PERM CEMENT STAB BASE		24.0	4.0			2005			12013	1	
8.5	SALVAGED AGGR BASE	10.0					2005			12013	1	
9.0	NON-REINF PCC		24.0	4.0	AE		2005	10879	30	12013	1	
9.0	NON-REINF PCC	10.0			YE		2005			12013	1	
	DOWELED						2005			12013	1	
	EDGE DRAIN		28.0				2005			12013	1	
	JOINT SPACE VARIABLE						2005			12013	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
1	94	W		147.183	0.4965	153.000	0.5039	5.8253	10.0	24.0	4.0	13.0	3.0	48.0	38.0	1255	6530 2024	1383	18	18	2019	COMPO	AOCRC	UI	1	2007	2019	2019	SLURRY SEAL																			
E ND 25 E TO MANDAN AVE -WB																		2015	DIST	84	RIDE	3.86	PRPI	GOOD	IRI	67																						
																		2016	DIST	86	RIDE	3.81	PRPI	GOOD	IRI	70																						
																		2017	DIST	85	RIDE	3.76	PRPI	GOOD	IRI	72																						
																		2018	DIST	90	RIDE	3.66	PRPI	GOOD	IRI	76																						
																		2019	DIST	99	RIDE	4.36	PRPI	GOOD	IRI	45																						
																		2020	DIST	88	RIDE	4.25	PRPI	GOOD	IRI	50																						
																		2021	DIST	89	RIDE	4.18	PRPI	GOOD	IRI	53																						
																		2022	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	57																						
																		2023	DIST	88	RIDE	4.02	PRPI	GOOD	IRI	60																						
																		2024	DIST	83	RIDE	3.93	PRPI	GOOD	IRI	64																						

MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING.  
EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN  
THIS AREA ARE WEAK.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,565.

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
148	4.07	83	0.24	58.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
149	4.18	83	0.22	53.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
150	4.28	83	0.23	49.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
151	3.77	83	0.24	72.00	GOOD	N/A	N/A	6	0	1	3	0	0	6
152	3.62	83	0.20	78.00	GOOD	N/A	N/A	6	0	2	2	0	0	6
AVG	3.98	83	0.23	62.00	GOOD	N/A	N/A	6	0	1	3	0	0	6

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
153	3.68	84	0.21	75.00	GOOD	N/A	N/A	6	0	1	2	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

23 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1963	402				
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	591	20			
5.5	AGGREGATE BASE	12.7		7.2			1965					
2.0	PLANT MIX BIT BASE	11.6		5.5	120-150		1965					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1965	200				
	DISTRICT CHIP SEAL	10.0			MC-800		1977	15				
	DISTRICT CHIP SEAL				RCLMITE		1989	37				
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	10.0	24.0	3.0	85-100	33	1997	105				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	127	10	13104	1	
	PREVENTIVE MAINTENANCE		24.0				2001	80		14382	1	
2.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 58-28	SP	2007	3732	20	13467	1	
2.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 64-34	SP	2007			13467	1	
4.0	HOT BIT PAVEMENT	10.0			PG 58-28	27	2007			13467	1	
	MICROSURFACING		24.0			MC	2009	297		17636	1	
	CONTRACT SAND SEAL	10.0		4.0	CRS2P	45	2009			17636	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0	MILLING		38.0				2019			21866	1	
2.0	HBP-SUPERPAVE-FAA 45		4.0	24.0	10.0	PG58H28	SP	2019	2888	7	21866	1
	SLURRY SEAL		4.0	24.0	.5	CQS-1H	10	2019		21866	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	94	W		153.000	0.5039	155.026	0.0000	1.8421	10.0	24.0	4.0	13.0	3.0	48.0	38.0	991	12396 2024	883	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL							
MANDAN AVE TO WEST MIDWAY INTERCHANG																		2015	DIST	80	RIDE	3.84	PRPI	GOOD	IRI	68										
																		2016	DIST	86	RIDE	3.84	PRPI	GOOD	IRI	68										
																		2017	DIST	86	RIDE	3.78	PRPI	GOOD	IRI	71										
																		2018	DIST	85	RIDE	3.65	PRPI	GOOD	IRI	77										
																		2019	DIST	99	RIDE	4.08	PRPI	GOOD	IRI	57										
																		2020	DIST	93	RIDE	4.01	PRPI	GOOD	IRI	61										
																		2021	DIST	92	RIDE	3.99	PRPI	GOOD	IRI	62										
																		2022	DIST	97	RIDE	3.90	PRPI	GOOD	IRI	66										
																		2023	DIST	88	RIDE	3.83	PRPI	GOOD	IRI	68										
																		2024	DIST	88	RIDE	3.80	PRPI	GOOD	IRI	70										

MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING.  
EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN  
THIS AREA ARE WEAK.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,565.

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2024)	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	AVERAGE RIDE	DISTRESS	& RUT	
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024)	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE
154	3.80	88	0.19	70.00	GOOD	N/A	N/A	3	0	1	1	0	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

24 OCCURS	DPNTH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1963	127				
		C-C 84 FEET						1963					
	3.0	SAND BASE		27.0				1965					
	8.0	CONT - REINF PCC		24.0				1965	187	20			
	5.5	AGGREGATE BASE	12.7		7.2			1965					
	2.0	PLANT MIX BIT BASE	11.6		5.5	120-150		1965					
	3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1965	63				
		DISTRICT CHIP SEAL	10.0			MC-800		1977	5				
		DISTRICT CHIP SEAL				RCLMITE		1989	12				
		INT MTCE PATCH-1.5"						1995					
		INT CONT PATCH-1.5"	10.0	24.0	3.0	85-100	33	1997	33				
		CONCRETE PAVEMENT REPAIR		24.0			03	1999	40	10	13104	1	
		PREVENTIVE MAINTENANCE		24.0				2001	25		14382	1	
		CONCRETE PAVEMENT REPAIR		24.0				2010			16335	1	
	2.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 58-28	SP	2010			16335	1	
	2.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 64-28	SP	2010	20		16335	1	
	4.0	HOT BIT PAVEMENT	10.0			PG 58-28	27	2010			16335	1	
		MICROSURFACING		24.0			MC	2010			16335	1	
		FEDERAL AID SAND SEAL	10.0		4.0	CRS2P	45	2010			16335	1	
		CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
	-2.0	MILLING		38.0				2019			21866	1	
	2.0	HBP-SUPERPAVE-FAA 45		4.0	24.0	10.0	PG58H28	SP	2019	267	7	21866	1
		SLURRY SEAL		4.0	24.0	.5	CQS-1H	10	2019		21866	1	
		FEDERAL AID SAND SEAL				9.5	CRS2P	45	2019		21866	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	LAST PAV AGE	YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	94	W		155.026	0.0000	156.000	0.0000	0.6221	10.0	24.0	4.0	13.5	3.0	48.0	38.0	1235	23680	1766	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL				
WEST MIDWAY INT TO EAST MIDWAY INT.																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2024	DIST	87	RIDE	4.21	PRPI	GOOD	IRI	51							

MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING.  
EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN THIS AREA ARE WEAK.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,565.

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
155	4.21	87	0.20	51.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FLEX

24 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1963	43				
	C-C 84 FEET						1963					
3.0	SAND BASE			27.0			1965					
8.0	CONT - REINF PCC			24.0			1965	63	20			
5.5	AGGREGATE BASE	12.7		7.2			1965					
2.0	PLANT MIX BIT BASE	11.6		5.5	120-150		1965					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1965	21				
	DISTRICT CHIP SEAL	10.0			MC-800		1977	2				
	DISTRICT CHIP SEAL				RCLMITE		1989	4				
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	10.0	24.0	3.0	85-100	33	1997	11				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	14	10	13104		1
	PREVENTIVE MAINTENANCE		24.0				2001	9		14382		1
	CONCRETE PAVEMENT REPAIR		36.0				2010			16335		1
2.5	HBP-SUPERPAVE-FAA 45		36.0	4.0	PG 58-28	SP	2010			16335		1
2.0	HBP-SUPERPAVE-FAA 45		36.0	4.0	PG 64-28	SP	2010	20		16335		1
4.5	HOT BIT PAVEMENT	10.0			PG 58-28	27	2010			16335		1
	MICROSURFACING		36.0			MC	2010			16335		1
	FEDERAL AID SAND SEAL	10.0		4.0	CRS2P	45	2010			16335		1
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866		1
-2.0	MILLING		38.0				2019			21866		1
2.0	HBP-SUPERPAVE-FAA 45		4.0	24.0	10.0	PG58H28	SP	2019	289	7	21866	1
	SLURRY SEAL		4.0	24.0	.5	CQS-1H	10	2019		21866		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		156.000	0.0000	156.000	0.5060	0.5060	10.0	24.0	4.0	13.5	3.0	48.0	38.0	1136	19090 2024	1714	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL
EAST MIDWAY INT TO GRANT MARSH BRDGE																		2015	DIST	90	RIDE	3.81	PRPI	GOOD	IRI	69			
																		2016	DIST	89	RIDE	3.79	PRPI	GOOD	IRI	71			
																		2017	DIST	89	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2018	DIST	96	RIDE	3.59	PRPI	GOOD	IRI	79			
																		2019	DIST	99	RIDE	3.78	PRPI	GOOD	IRI	71			
																		2020	DIST	98	RIDE	3.74	PRPI	GOOD	IRI	73			
																		2021	DIST	98	RIDE	3.72	PRPI	GOOD	IRI	73			
																		2022	DIST	97	RIDE	3.65	PRPI	GOOD	IRI	77			
																		2023	DIST	87	RIDE	3.58	PRPI	GOOD	IRI	80			
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A			

MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING.  
EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN  
THIS AREA ARE WEAK.  
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,565.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVERAGE RIDE BLD	DISTRESS LC	& RUT TC	RT BC	RW	BP	RT
156	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

24 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1963	35				
	C-C 84 FEET						1963					
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	51	20			
5.5	AGGREGATE BASE	12.7		7.2			1965					
2.0	PLANT MIX BIT BASE	11.6		5.5	120-150		1965					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1965	17				
	DISTRICT CHIP SEAL	10.0			MC-800		1977	1				
	DISTRICT CHIP SEAL				RCLMITE		1989	3				
	INT MTCE PATCH-1.5"						1995					
	INT CONT PATCH-1.5"	10.0	24.0	3.0	85-100	33	1997	9				
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	11	10	13104	1	
	PREVENTIVE MAINTENANCE		24.0				2001	7		14382	1	
	CONCRETE PAVEMENT REPAIR		24.0				2010			16335	1	
2.5	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 58-28	SP	2010			16335	1	
2.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 64-28	SP	2010		20	16335	1	
4.5	HOT BIT PAVEMENT	10.0			PG 58-28	27	2010			16335	1	
	MICROSURFACING		24.0		AE	MC	2010			16335	1	
	FEDERAL AID SAND SEAL	10.0		4.0	CRS2P	45	2010			16335	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21866	1	
-2.0	MILLING		38.0				2019			21866	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	241	7	21866	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21866	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21866	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																													
1	94	W		156.000	0.5060	156.000	0.7160	0.2100								30.0	1120	18365	1714	60	36			CONCR	CRCP	UI	1	1965	1999	1999	PREVENT	MTCE																																																																											
GRANT MARSH BRIDGE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
																		MAINTENANCE SHOULDER REPAIR-1995. CONSIDERABLE HAND PATCHING. EXTENSIVE SHOULDER REPAIR DUE TO SPRING BREAK UP. THE SHOULDERS IN THIS AREA ARE WEAK. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,565.																																																																																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT	CP	BU
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		48.0				1963	14				
		C-C 84 FEET						1963					
	3.0	SAND BASE		27.0				1965					
	8.0	CONT - REINF PCC		24.0				1965	21	20			
	5.5	AGGREGATE BASE	12.7		7.2			1965					
	2.0	PLANT MIX BIT BASE	11.6		5.5	120-150		1965					
	3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1965	7				
		DISTRICT CHIP SEAL	10.0			MC-800		1977	1				
		DISTRICT CHIP SEAL				RCLMITE		1989	1				
		INT MTCE PATCH-1.5"						1995					
		INT CONT PATCH-1.5"	10.0	24.0	3.0	85-100	33	1997	4				
		CONCRETE PAVEMENT REPAIR		24.0			03	1999	5	10	13104	1	
		PREVENTIVE MAINTENANCE		24.0				2001	3		14382	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	94	W		156.000	0.7160	161.439	0.4615	5.1059	10.0	24.0	4.0	16.0	3.0	48.0	38.0	1415	12115 2024	1779	8	8		COMPO	AOCRC	UI	1	2017	2018	2018	MICROSURFACI							
GRANT MARSH BRIDGE TO E E BIS INTR																		2015	DIST	88	RIDE	4.16	PRPI	GOOD	IRI	53										
																		2016	DIST	91	RIDE	4.06	PRPI	GOOD	IRI	58										
																		2017	DIST	99	RIDE	4.03	PRPI	GOOD	IRI	60										
																		2018	DIST	99	RIDE	3.81	PRPI	GOOD	IRI	69										
																		2019	DIST	97	RIDE	3.98	PRPI	GOOD	IRI	61										
																		2020	DIST	97	RIDE	3.97	PRPI	GOOD	IRI	62										
																		2021	DIST	97	RIDE	3.94	PRPI	GOOD	IRI	63										
																		2022	DIST	93	RIDE	3.89	PRPI	GOOD	IRI	66										
																		2023	DIST	90	RIDE	3.81	PRPI	GOOD	IRI	69										
																		2024	DIST	89	RIDE	3.78	PRPI	GOOD	IRI	71										

PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$17,329.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT																	
PT						FLT	FLT AC	BLD	LC	TC	BC	RW	BP	RT											
157	3.85	92	0.16	68.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0										
158	3.70	92	0.19	75.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0										
159	3.72	86	0.19	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6										
160	3.80	86	0.23	70.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6										
161	3.82	91	0.13	69.00	GOOD	N/A	N/A	3	0	2	3	0	0	0	0										
AVG	3.78	89	0.18	71.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	2										

13 OCCURS													CLS	COST	DSN			
DPTH (IN)	COMPONENTS		LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	THOUS	LFE	PCN	SUB	H					
	GRADE			48.0				1964										
	C-C 84 FEET							1964										
	EDGE DRAIN							1996	187									
4.0	SALVAGED AGGR BASE			46.0				1996	465									
4.0	PERM ASPH STAB BASE			44.0				1996										
9.0	CONT - REINF PCC		10.0	24.0	4.0			1996	8301	30								
	LANDSCAPING							1998	356		770	1						
	GRINDING			15.0				2006			16056	1						
	CONCRETE PAVEMENT REPAIR			24.0				2010			17105	1						
	CONCRETE PAVEMENT REPAIR			24.0				S3	2017	4800	20	20820	1					
3.0	HBP-SUPERPAVE-FAA45LIME		10.0	24.0	4.0	PG 64-28	SP	2017			20820	2						
	FEDERAL AID SAND SEAL			9.5		CRS2P	45	2018			21865	1						
	MICROSURFACING			28.5		AE	MC	2018	413	7	21865	1						

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		161.439	0.4615	162.000	0.3600	0.4617	10.0	24.0	4.0	10.0	3.0	48.0	38.0	1264	4597 2023	1795	8	8		COMPO	AOCRC	UI	1	2017	2018	2018	MICROSURFACI
E BIS INTR E TO E OF BIS INTR																													
BOTH SHOULDERS SEALED 1967 AND OUTSIDE SHOULDER 1979. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. 3 BLOWUPS OCCURRED IN 1984 AND SOME PUNCHOUTS. GETTING SOME FAILURES ON STYROFOAM INSTALLATION AREAS. BOTH SHOULDERS SEALED 1985. RESTORED CONTINUITY AGAIN IN 1988. SEVERAL BREAKS SINCE THEN. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER REPAIR-1995. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$1,567.																													
2015 DIST 85 RIDE 4.37 PRPI GOOD IRI 44																													
2016 DIST 89 RIDE 4.27 PRPI GOOD IRI 49																													
2017 DIST 92 RIDE 4.21 PRPI GOOD IRI 52																													
2018 DIST 93 RIDE 4.09 PRPI GOOD IRI 57																													
2019 DIST 93 RIDE 4.22 PRPI GOOD IRI 51																													
2020 DIST 93 RIDE 4.22 PRPI GOOD IRI 51																													
2021 DIST 77 RIDE 4.22 PRPI GOOD IRI 51																													
2022 DIST 85 RIDE 4.21 PRPI GOOD IRI 52																													
2023 DIST 85 RIDE 4.09 PRPI GOOD IRI 57																													
2024 DIST 83 RIDE 3.97 PRPI GOOD IRI 62																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
162	3.97	83	0.15	62.00	GOOD	N/A	N/A	9	0	3	2	0	2	0
AVG	3.97	83	0.15	62.00	GOOD	N/A	N/A	9	0	3	2	0	2	0

17 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1965	15				
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	43	20			
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	10				
	CONTRACT SAND SEAL	10.0		3.0	RC-800		1967					
	DISTRICT CHIP SEAL	10.0			AE-150S		1979					
	CONCRETE PAVEMENT REPAIR						1983	1	10			
	DISTRICT SAND SEAL	10.0		3.0	MC-800		1985	1				
	CONCRETE PAVEMENT REPAIR						1988	4	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
	CONCRETE PAVEMENT REPAIR		24.0			S3	2017	895	20	20820	1	
3.0	HBP-SUPERPAVE-FAA45LIME	10.0	24.0	4.0	PG 64-28	SP	2017		10	20820	1	
	FEDERAL AID SAND SEAL		9.5		CRS2P		2018			21865	1	
	MICROSURFACING		28.5		AE	MC	2018	38	7	21865	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		162.000	0.3600	172.000	0.1260	9.7708	10.0	24.0	3.0	11.7	3.0	48.0	37.0	1258	4456 2024	1795	26	22			COMPO	AOCRC	RI	1	1999	2014	2016	MICROSURFACI
E OF BIS INTR TO E OF MENOKEN INTR																														
BOTH SHOULDERS SEALED 1967 AND OUTSIDE SHOULDER 1979. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. 3 BLOWUPS OCCURRED IN 1984 AND SOME PUNCHOUTS. GETTING SOME FAILURES ON STYROFOAM INSTALLATION AREAS. BOTH SHOULDERS SEALED 1985. RESTORED CONTINUITY AGAIN IN 1988. SEVERAL BREAKS SINCE THEN. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER REPAIR-1995. PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$33,162.																														
2015 DIST 86 RIDE 4.42 PRPI GOOD IRI 42																														
2016 DIST 88 RIDE 4.42 PRPI GOOD IRI 42																														
2017 DIST 86 RIDE 4.35 PRPI GOOD IRI 45																														
2018 DIST 93 RIDE 4.34 PRPI GOOD IRI 45																														
2019 DIST 91 RIDE 4.34 PRPI GOOD IRI 45																														
2020 DIST 90 RIDE 4.32 PRPI GOOD IRI 46																														
2021 DIST 84 RIDE 4.30 PRPI GOOD IRI 48																														
2022 DIST 85 RIDE 4.21 PRPI GOOD IRI 51																														
2023 DIST 83 RIDE 4.11 PRPI GOOD IRI 56																														
2024 DIST 81 RIDE 3.89 PRPI GOOD IRI 66																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
163	3.62	82	0.16	78.00	GOOD	N/A	N/A	9	0	3	3	0	2	0
164	3.81	80	0.16	70.00	GOOD	N/A	N/A	9	0	5	3	0	2	0
165	4.04	82	0.17	59.00	GOOD	N/A	N/A	9	0	3	3	0	2	0
166	3.85	82	0.17	67.00	GOOD	N/A	N/A	9	0	4	2	0	2	0
167	3.61	82	0.20	78.00	GOOD	N/A	N/A	9	0	3	3	0	2	0
168	3.13	75	0.20	101.00	GOOD	N/A	N/A	9	0	3	4	0	2	6
169	3.92	73	0.23	65.00	GOOD	N/A	N/A	9	0	4	5	0	2	6
170	4.02	81	0.16	60.00	GOOD	N/A	N/A	9	0	3	4	0	2	0
171	4.42	85	0.16	43.00	GOOD	N/A	N/A	6	0	3	3	0	2	0
172	4.43	86	0.14	42.00	GOOD	N/A	N/A	6	0	4	3	0	0	0
AVG	3.89	81	0.18	66.30	GOOD	N/A	N/A	8	0	4	3	0	2	1

21 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	311				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	916	20			
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	215				
	CONTRACT SAND SEAL	10.0		3.0	RC-800		1967					
	DISTRICT CHIP SEAL	10.0			AE-150S		1979	10				
	CONCRETE PAVEMENT REPAIR						1983	26	10			
	DISTRICT SAND SEAL	10.0		3.0	MC-800		1985	28				
	CONCRETE PAVEMENT REPAIR						1988	83	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	1377	10	12005	1	
2.0	HOT BIT PAVEMENT	10.0			120-150	27	1999			12005	1	
2.0	HOT BIT PAVEMENT		27.0		120-150	33	1999			12005	1	
2.0	HOT BIT PAVEMENT		27.0		PG 58-34	33	1999		20	12005	1	
-2.0	MILLING	10.0		3.0			2014			18844	1	
2.0	HBP-SUPERPAVE-FAA45LIME	10.0	24.0	3.0	PG 64-28	SP	2014	2701	10	18844	1	
	FEDERAL AID SAND SEAL	10.0		3.0	CRS2P	45	2016			20905	1	
	MICROSURFACING		24.0		AE	MC	2016	567	7	20905	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	W		172.000	0.1260	182.488	0.0000	10.3519	10.0	24.0	3.0	11.7	3.0	48.0	37.0	1283	5336 2024	1838	26	22		COMPO	AOCRC	RI	1	1999	2014	2016	MICROSURFACI
E OF MENOKEN INTR E TO STERLING																		2015	DIST	87	RIDE	4.37	PRPI	GOOD	IRI	44			
																		2016	DIST	86	RIDE	4.36	PRPI	GOOD	IRI	45			
																		2017	DIST	85	RIDE	4.32	PRPI	GOOD	IRI	46			
																		2018	DIST	93	RIDE	4.31	PRPI	GOOD	IRI	47			
																		2019	DIST	91	RIDE	4.40	PRPI	GOOD	IRI	43			
																		2020	DIST	91	RIDE	4.43	PRPI	GOOD	IRI	42			
																		2021	DIST	91	RIDE	4.39	PRPI	GOOD	IRI	43			
																		2022	DIST	90	RIDE	4.35	PRPI	GOOD	IRI	45			
																		2023	DIST	87	RIDE	4.26	PRPI	GOOD	IRI	49			
																		2024	DIST	86	RIDE	4.17	PRPI	GOOD	IRI	53			

BOTH SHOULDERS SEALED 1967 AND 1985. OUTSIDE SHOULDER 1979. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. SOME PUNCHOUTS IN 1984. SOME JOINT FAILURES IN 1985 AND 1986. RESTORED CONTINUITY AGAIN IN 1988. A FEW FAILURES SINCE. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE SHOULDER REPAIR-1995. MAINTENANCE PATCH-1995. MP 178.311 TO 178.347 AND MP 178.400 TO 178.437.  
PCN-14082-SIGNIGN RP 97.188 TO RP 208.702, 2001-\$35,135.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
173	4.33	89	0.16	46.00	GOOD	N/A	N/A	3	0	3	4	0	0	0
174	4.17	84	0.20	54.00	GOOD	N/A	N/A	3	0	3	3	0	0	6
175	4.20	81	0.22	52.00	GOOD	N/A	N/A	3	0	4	3	0	0	6
176	4.02	86	0.17	60.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
177	3.99	91	0.13	61.00	GOOD	N/A	N/A	3	0	0	3	0	0	0
178	4.17	86	0.13	53.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
179	4.28	87	0.13	48.00	GOOD	N/A	N/A	6	0	3	3	0	0	0
180	4.18	87	0.13	53.00	GOOD	N/A	N/A	3	0	4	3	0	0	2
181	4.25	84	0.11	50.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
182	4.15	85	0.13	54.00	GOOD	N/A	N/A	6	0	4	4	0	0	0
AVG	4.17	86	0.15	53.10	GOOD	N/A	N/A	4	0	3	4	0	0	1

22 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	290				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	1017	20			
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	220				
	CONTRACT SAND SEAL	10.0		3.0	RC-800		1967					
	DISTRICT CHIP SEAL	10.0			AE-150S		1979	10				
	CONCRETE PAVEMENT REPAIR						1983	27	10			
	DISTRICT SAND SEAL	10.0		3.0	MC-800		1985	22				
	CONCRETE PAVEMENT REPAIR						1988	89	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
	INT MTCE PATCH-1.5"						1995					
	CONCRETE PAVEMENT REPAIR		24.0			03	1999	1459	10	12005	1	
2.0	HOT BIT PAVEMENT	10.0			120-150	27	1999			12005	1	
2.0	HOT BIT PAVEMENT		27.0		120-150	33	1999			12005	1	
2.0	HOT BIT PAVEMENT		27.0		PG 58-34	33	1999		20	12005	1	
-2.0	MILLING	10.0	24.0	3.0			2014			18844	1	
2.0	HBP-SUPERPAVE-FAA45LIME	10.0	24.0	3.0	PG 64-28	SP	2014	2862	10	18844	1	
	FEDERAL AID SAND SEAL	10.0		3.0	CRS2P		45	2016		20905	1	
	MICROSURFACING		24.0		AE	MC	2016	601	7	20905	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB		
1	94	W		182.488	0.0000	191.000	0.4870	9.0039	10.0	24.0	3.0	12.4	3.0	48.0	37.0	1172	3978 2024	1720	24	22			COMPO	AOCRC	RI	1	2001	2015	2016	MICROSURFACI		
STERLING INTR E TO E DRISCOLL INTR																																
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. "D" CRACKING IS APPEARING QUITE RAPIDLY ON TRANSVERSE AND LONGITUDINAL CRACKS. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. SHADOWING PRIOR TO "D" CRACKING GETTING DARKER. SEALED BOTH SHOULDERS WITH REINFORCED RECLAMITE IN 1992. MAINTENANCE CHIP SEAL ON RAMPS IN 1998 - CL 43, MC3000 (STERLING INTERCHANGE). PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$30,559. PCN 947 GRADE RAISE BETWEEN 188.126 TO 188.935																																
2015	DIST	92	RIDE	4.49	PRPI	GOOD	IRI	39																								
2016	DIST	84	RIDE	4.43	PRPI	GOOD	IRI	41																								
2017	DIST	79	RIDE	4.31	PRPI	GOOD	IRI	47																								
2018	DIST	91	RIDE	4.32	PRPI	GOOD	IRI	46																								
2019	DIST	88	RIDE	4.31	PRPI	GOOD	IRI	47																								
2020	DIST	89	RIDE	4.35	PRPI	GOOD	IRI	45																								
2021	DIST	88	RIDE	4.27	PRPI	GOOD	IRI	48																								
2022	DIST	90	RIDE	4.21	PRPI	GOOD	IRI	51																								
2023	DIST	89	RIDE	4.17	PRPI	GOOD	IRI	53																								
2024	DIST	84	RIDE	4.14	PRPI	GOOD	IRI	55																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
183	4.29	85	0.18	48.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
184	4.16	84	0.19	54.00	GOOD	N/A	N/A	3	0	3	3	0	0	6
185	4.18	83	0.18	53.00	GOOD	N/A	N/A	3	0	4	3	0	0	6
186	4.17	83	0.21	53.00	GOOD	N/A	N/A	3	0	4	3	0	0	6
187	4.19	83	0.18	53.00	GOOD	N/A	N/A	3	0	4	3	0	0	6
188	3.79	80	0.18	70.00	GOOD	N/A	N/A	6	0	4	3	0	0	6
189	4.07	89	0.15	58.00	GOOD	N/A	N/A	3	0	2	3	0	0	2
190	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
191	4.24	82	0.16	51.00	GOOD	N/A	N/A	6	0	5	4	0	0	2
AVG	4.14	84	0.18	55.00	GOOD	N/A	N/A	4	0	3	3	0	0	1

20 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C	84 FEET		48.0				1965	300				
3.0	AGGREGATE BASE			27.0				1966					
7.0	CONT - REINF PCC			24.0				1966	845	20			
3.7	AGGREGATE BASE		13.1		7.7			1966					
2.0	PLANT MIX BIT BASE		11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT		10.0		3.0	120-150		1966	178				
	CONTRACT CHIP SEAL		10.0		3.0	MC-3000		1981	14				
	CONCRETE PAVEMENT REPAIR							1983	24	10			
	MAINTENANCE GRAVEL SEAL				3.0	MC-3000		1987	45				
	CONCRETE PAVEMENT REPAIR							1988	77	10			
	DISTRICT SAND SEAL		10.0		3.0	RCLMITE		1992					
5.0	HBP-SUPERPAVE-FAA 45			24.0	3.0	PG 58-28	27	2001	2137	20	974		1
4.0	HOT BIT PAVEMENT		10.0			PG 58-34	27	2001			974		1
	MICROSURFACING			24.0		AE	MC	2006	311	8	16050		1
	FEDERAL AID CHIP SEAL		10.0		3.0	MC-3000P	43	2006			16050		1
-2.0	MILLING			37.0				2015			18843		1
2.0	HBP-SUPERPAVE-FAA45LIME		10.0	24.0	3.0	PG 64-28	SP	2015	1893	7	18843		1
	FEDERAL AID SAND SEAL			9.5	2.5	CRS2P	45	2016			21270		1
	MICROSURFACING			25.0		AE	MC	2016	425	7	21270		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	HWY YEAR	PVMT SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB		
1	94	W		191.000	0.4870	193.000	0.1110	1.6204	10.0	24.0	3.0	12.4	3.0	48.0	37.0	1185	4575 2024	1742	24	22			COMPO	AOCRC	RI	1	2001	2015	2016	MICROSURFACI		
2 MILES E OF LONG LAKE																																
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. "D" CRACKING IS APPEARING QUITE RAPIDLY. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS ORSAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. 1995-R/P 195 & 196 3.3" OVERLAY 1997- R/P 193 TO 195 DR. LN. 3" TO 4.25" OVERLAY, PA. LN. 3.0 TO 4.25" OVERLAY, 1997- R/P 197 TO 201 12FT PA. LN. 3.0 TO 4.25" 12FT DR. LN. 4.25 TO 3.5" OVERLAY. (1997 TEST SECTIONS) 12FT DR. LN. ONLY-2MI SECTNS. R/P197 TO 199 CLASS 27. R/P199TO 201 CLASS 29.--PCN-14082-SIGNING RP97.188 TO RP208.702.																																
2015	DIST	91	RIDE	4.39	PRPI	GOOD	IRI	44																								
2016	DIST	87	RIDE	4.36	PRPI	GOOD	IRI	45																								
2017	DIST	85	RIDE	4.18	PRPI	GOOD	IRI	53																								
2018	DIST	89	RIDE	4.34	PRPI	GOOD	IRI	46																								
2019	DIST	89	RIDE	4.35	PRPI	GOOD	IRI	45																								
2020	DIST	89	RIDE	4.38	PRPI	GOOD	IRI	44																								
2021	DIST	91	RIDE	4.46	PRPI	GOOD	IRI	41																								
2022	DIST	90	RIDE	4.43	PRPI	GOOD	IRI	42																								
2023	DIST	92	RIDE	4.27	PRPI	GOOD	IRI	49																								
2024	DIST	82	RIDE	4.26	PRPI	GOOD	IRI	49																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP			
192	4.20	80	0.16	52.00	GOOD	N/A	N/A	3	0	6	4	0	0	0	6
193	4.32	84	0.10	47.00	GOOD	N/A	N/A	3	0	7	5	0	0	0	0
AVG	4.26	82	0.13	49.50	GOOD	N/A	N/A	3	0	7	5	0	0	0	3

20 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	45				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	163	20			
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	33				
	CONTRACT CHIP SEAL	10.0		3.0	MC-3000		1981	3				
	CONCRETE PAVEMENT REPAIR						1983	4	10			
	MAINTENANCE GRAVEL SEAL			3.0	MC-3000		1987	8				
	CONCRETE PAVEMENT REPAIR						1988	14	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
5.0	HBP-SUPERPAVE-FAA 45		24.0	3.0	PG 58-28	27	2001	477	20	974	1	
4.0	HOT BIT PAVEMENT	10.0			PG 58-34	27	2001			974	1	
	MICROSURFACING		24.0		AE	MC	2006	56	8	16050	1	
	FEDERAL AID CHIP SEAL	10.0		3.0	MC-3000P	43	2006			16050	1	
-2.0	MILLING		37.0				2015			18843	1	
2.0	HBP-SUPERPAVE-FAA45LIME	10.0	24.0	3.0	PG 64-28	SP	2015	341	7	18843	1	
	FEDERAL AID SAND SEAL	9.5		2.5	CRS2P	45	2016			21270	1	
	MICROSURFACING		25.0		AE	MC	2016	76	7	21270	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
1	94	W		193.000	0.1110	201.000	0.1790	8.0709	10.0	24.0	3.0	12.7	3.0	48.0	37.0	1175	4180 2024	1720	15	15		COMPO	AOCRC	RI	1	2010	2021	2023	MICROSURFACI			
BURL COUNTY LINE TO LONG LAKE																																
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. "D" CRACKING IS APPEARING QUITE RAPIDLY. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS ORSAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. 1995-R/P 195 & 196 3.3" OVERLAY 1997- R/P 193 TO 195 DR. LN. 3" TO 4.25" OVERLAY, PA. LN. 3.0 TO 4.25" OVERLAY, 1997- R/P 197 TO 201 12FT PA. LN. 3.0 TO 4.25" 12FT DR. LN. 4.25 TO 3.5" OVERLAY. (1997 TEST SECTIONS) 12FT DR. LN. ONLY-2MI SECTNS. R/P197 TO 199 CLASS 27. R/P199 TO 201 CLASS 29.--PCN-14082-SIGNING RP97.188 TO RP208.702.																																
2015	DIST 87	RIDE	4.27	PRPI	GOOD	IRI	48																									
2016	DIST 87	RIDE	4.26	PRPI	GOOD	IRI	49																									
2017	DIST 84	RIDE	4.02	PRPI	GOOD	IRI	60																									
2018	DIST 90	RIDE	4.18	PRPI	GOOD	IRI	53																									
2019	DIST 88	RIDE	4.24	PRPI	GOOD	IRI	50																									
2020	DIST 87	RIDE	4.31	PRPI	GOOD	IRI	47																									
2021	DIST 99	RIDE	4.60	PRPI	GOOD	IRI	34																									
2022	DIST 98	RIDE	4.57	PRPI	GOOD	IRI	36																									
2023	DIST 98	RIDE	4.40	PRPI	GOOD	IRI	43																									
2024	DIST 98	RIDE	4.40	PRPI	GOOD	IRI	43																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RUT TC	RT
194	4.36	99	0.10	45.00	GOOD	N/A	N/A	0	0	0	0	0
195	4.38	99	0.15	44.00	GOOD	N/A	N/A	0	0	0	0	0
196	4.35	93	0.17	46.00	GOOD	N/A	N/A	0	0	0	0	6
197	4.49	99	0.16	39.00	GOOD	N/A	N/A	0	0	0	0	0
198	4.43	99	0.14	42.00	GOOD	N/A	N/A	0	0	0	0	0
199	4.34	99	0.10	46.00	GOOD	N/A	N/A	0	0	0	0	0
200	4.38	97	0.13	44.00	GOOD	N/A	N/A	0	0	2	0	0
201	4.50	99	0.16	39.00	GOOD	N/A	N/A	0	0	0	0	0
AVG	4.40	98	0.14	43.13	GOOD	N/A	N/A	0	0	0	0	1

22 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1965	226				
	C-C 84 FEET						1965					
3.0	AGGREGATE BASE		27.0				1966					
7.0	CONT - REINF PCC		24.0				1966	811	20			
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	167				
	CONTRACT CHIP SEAL	10.0		3.0	MC-3000		1981	12				
	CONCRETE PAVEMENT REPAIR						1983	21	10			
	MAINTENANCE GRAVEL SEAL			3.0	MC-3000		1987	40				
	CONCRETE PAVEMENT REPAIR						1988	69	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
	CONCRETE PAVEMENT REPAIR						2010		17652		1	
-2.0	MILLING	10.0	24.0	3.0			2010		17652		1	
3.0	HBP-SUPERPAVE-FAA 45	10.0	24.0	3.0	PG 64-28	SP	2010	2160	20			1
	FEDERAL AID SAND SEAL	9.5		2.5	CRS2P	45	2011		18588			1
	MICROSURFACING		25.0		AE	MC	2011	452	18588			1
	CONCRETE PAVEMENT REPAIR		24.0				2021		22959			1
-2.0	MILLING		37.0				2021		22959			1
2.0	RAP-SUPERPAVE FAA 45	10.0	24.0	3.0	PG58H-34	SP	2021	176	7			1
	FEDERAL AID SAND SEAL	10.0		3.0	CRS2P	45	2023		23463			1
	MICROSURFACING		24.0		AE	MC	2023	641	7	23463		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
1	94	W		201.000	0.1790	203.000	0.0000	1.8084	10.0	24.0	3.0	12.7	3.0	48.0	37.0	1205	4745 2024	1795	15	15		COMPO	AOCRC	RI	1	2010	2021	2023	MICROSURFACI			
E STEELE TO 1.0 MI E STEELE INTR																																
BOTH SHOULDERS SEALED 1966 AND 1981. JOINTS REPAIRED IN 1983 RESTORING CONTINUITY. 3 FOOT SHOULDER SHOT WITH MC-3000 (NO CHIPS OR SAND) 1987. RESTORED CONTINUITY AGAIN IN 1988. A NUMBER OF SMALL FAILURES IN DAWSON AREA. BOTH SHOULDERS SEALED WITH REINFORCED RECLAMITE IN 1992. MP 201 TO MP 202=CONTROL SECTION-1992.																																
(1997 PAVEMENT DEPTHS) 3FT SHLD 2.25" TO 3", 12FT PASS LN 3" TO 4.25", 12FT DRV LN 4.25" TO 3.5", 10FT SHLD 3.5" TO 1.25".																																
(1997 TEST SECTION) 12FT DRIVING LANE ONLY-80% CRUSHED ON ALL SIEVES FROM RP 201 TO RP 203.--PCN-14082-RP97.118 TO RP208.702, 2001-#6,137.																																
2015	DIST	91	RIDE	4.33	PRPI	GOOD	IRI	46																								
2016	DIST	85	RIDE	4.29	PRPI	GOOD	IRI	48																								
2017	DIST	88	RIDE	4.00	PRPI	GOOD	IRI	61																								
2018	DIST	91	RIDE	4.24	PRPI	GOOD	IRI	50																								
2019	DIST	90	RIDE	4.21	PRPI	GOOD	IRI	51																								
2020	DIST	83	RIDE	4.35	PRPI	GOOD	IRI	45																								
2021	DIST	99	RIDE	4.58	PRPI	GOOD	IRI	36																								
2022	DIST	99	RIDE	4.55	PRPI	GOOD	IRI	36																								
2023	DIST	93	RIDE	4.50	PRPI	GOOD	IRI	39																								
2024	DIST	98	RIDE	4.49	PRPI	GOOD	IRI	39																								

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& TC	RUT BC	RW	BP	RT
202	4.49	98	0.16	39.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0
AVG	4.49	98	0.16	39.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0

27 OCCURS DPTH (IN)	COMPONENTS	GRADE	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET			48.0				1965	26				
3.0	AGGREGATE BASE			27.0				1966					
7.0	CONT - REINF PCC			24.0				1966	76	20			
3.7	AGGREGATE BASE		13.1		7.7			1966					
2.0	PLANT MIX BIT BASE		11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT		10.0		3.0	120-150		1966	14				
	CONCRETE PAVEMENT REPAIR							1983	2	10			
	MAINTENANCE GRAVEL SEAL				3.0	MC-3000		1987	6				
	CONCRETE PAVEMENT REPAIR							1988	7	10			
3.7	HOT BIT PAVEMENT			24.0	3.0	120-150	33	1997	75	20	307	1	
2.4	HOT BIT PAVEMENT		10.0			120-150	25	1997	15		307	1	
	SAFETY ENHANCEMENTS 90-1							1997			307	1	
	FEDERAL AID CHIP SEAL			27.0		MC-3000P	43	1999	30		12523	1	
	FEDERAL AID CHIP SEAL				10.0	MC-3000P	45	1999			12523	1	
1.5	INT CONT PATCH-1.25"			24.0		PG 58-28	33	2003			15207	1	
	MICROSURFACING			24.0		AE	MC	2006	62	8	16051	1	
	FEDERAL AID CHIP SEAL		10.0		3.0	MC-3000P	43	2006			16051	1	
-1.7	MILLING		10.0	24.0	3.0			2010			17652	1	
3.0	HBP-SUPERPAVE-FAA 45		10.0	24.0	3.0	PG 64-28	SP	2010	484	20	17652	1	
	FEDERAL AID SAND SEAL		9.5		2.5	CRS2P	45	2011			18588	1	
	MICROSURFACING			25.0		AE	MC	2011	101		18588	1	
	CONCRETE PAVEMENT REPAIR			24.0				2021			22959	1	
-2.0	MILLING			37.0				2021			22959	1	
2.0	RAP-SUPERPAVE FAA 45		3.0	24.0	10.0	PG58H-34	SP	2021	394	7	22959	1	
	FEDERAL AID SAND SEAL		10.0		3.0	CRS2P	45	2023			23463	1	
	MICROSURFACING			24.0		AE	MC	2023	143	7	23463	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB		
1	94	W		203.000	0.0000	208.000	0.0000	5.0034	10.0	24.0	3.0	12.7	3.0	48.0	37.0	1199	4447 2024	1781	15	15		COMPO	AOCRC	RI	1	2010	2021	2023	MICROSURFACI		
1.0 MI E STEELE INTR E TO W DAWSON																															
MP 202 TO 203=SILANE TREATMENT 1992. MP 203 TO 205=4" HBP 24' 1992.																		2015	DIST	89	RIDE	4.13	PRPI	GOOD	IRI	55					
INSIDE SHOULDER 3.75"-4'. OUTSIDE SHOULDER 3"-10'. MP 205 TO 206=3" HBP																		2016	DIST	87	RIDE	4.13	PRPI	GOOD	IRI	55					
24' 1992. INSIDE SHOULDER 2.75"-3'. OUTSIDE SHOULDER 2.1"-10'. MP 206																		2017	DIST	87	RIDE	3.84	PRPI	GOOD	IRI	68					
TO 207=2.5" HBP 24' 1992. INSIDE SHOULDER 2.5"-3'. OUTSIDE SHOULDER																		2018	DIST	92	RIDE	4.00	PRPI	GOOD	IRI	61					
1.9"-10'. MP 207 TO 208=2" HBP 24' 1992. INSIDE SHOULDER 1.75"-3'.																		2019	DIST	90	RIDE	4.03	PRPI	GOOD	IRI	60					
OUTSIDE SHOULDER 1.6"-10'. CRS-2LM-1995 SEAL.																		2020	DIST	87	RIDE	4.08	PRPI	GOOD	IRI	57					
PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$16,981.																		2021	DIST	99	RIDE	4.60	PRPI	EXCL	IRI	34					
PCN 22959 CPR 24'WIDE 2021 - ALL COMPONENT LINES WERE USED																		2022	DIST	98	RIDE	4.58	PRPI	GOOD	IRI	35					
																		2023	DIST	95	RIDE	4.45	PRPI	GOOD	IRI	41					
																		2024	DIST	95	RIDE	4.43	PRPI	GOOD	IRI	41					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																							
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																				
203	4.55	99	0.13	37.00	EXCL	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204	4.42	98	0.13	42.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	4.33	92	0.14	46.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
206	4.34	95	0.14	46.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207	4.51	93	0.16	38.00	GOOD	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
AVG	4.43	95	0.14	41.80	GOOD	N/A	N/A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

27 OCCURS	LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS	48.0					1965	198				
GRADE						1965					
C-C 84 FEET						1965					
3.0 AGGREGATE BASE		27.0				1966					
7.0 CONT - REINF PCC		24.0				1966	588	20			
3.7 AGGREGATE BASE	13.1		7.7			1966					
2.0 PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0 HOT BIT PAVEMENT	10.0		3.0	120-150		1966	120				
CONCRETE PAVEMENT REPAIR						1983	17	10			
MAINTENANCE GRAVEL SEAL			3.0	MC-3000		1987	31				
CONCRETE PAVEMENT REPAIR						1988	51	10			
SILANE TREATMENT						1992					
3.0 HOT BIT PAVEMENT		24.0		120-150	33	1992		20			
SAFETY ENHANCEMENTS 90-1						1997					
FEDERAL AID CHIP SEAL		27.0		MC-3000P	43	1999	82		12523	1	
FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523	1	
1.5 INT CONT PATCH-1.25"		24.0		PG 58-28	33	2003			15207	1	
MICROSURFACING		24.0		AE	MC	2006	171	8	16051	1	
FEDERAL AID CHIP SEAL	10.0		3.0	MC-3000P	43	2006			16051	1	
CONCRETE PAVEMENT REPAIR						2010			17652	1	
-3.0 MILLING	10.0	24.0	3.0			2010			17652	1	
3.0 HBP-SUPERPAVE-FAA 45	10.0	24.0	3.0	PG 64-28	SP	2010	1339	20	17652	1	
FEDERAL AID SAND SEAL	9.5		2.5	CRS2P	45	2011			18588	1	
MICROSURFACING		25.0		AE	MC	2011	280		18588	1	
-2.0 MILLING		37.0				2021			22959	1	
2.0 RAP-SUPERPAVE FAA 45	10.0	24.0	3.0	PG58H-34	SP	2021	394	7	22959	1	
FEDERAL AID SAND SEAL	10.0		3.0	CRS2P	45	2023			23463	1	
MICROSURFACING		24.0		AE	MC	2023	397	7	23463	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																
1	94	W		208.000	0.0000	208.702	0.0000	0.6913	10.0	24.0	3.0	12.7	3.0	48.0	37.0	1199	4420 2024	1781	15	15		COMPO	AOCRC	RI	1	2010	2021	2023	MICROSURFACI																
W DAWSON INTR E TO DISTRICT BOUNDARY																																													
(1997 PAVEMENT DEPTHS) 3FT SHLD 2.25" TO 3", 12FT PASS LN 3" TO 4.25", 12FT DRV LN 4.25" TO 3.5", 10FT SHLD 3.5" TO 1.25". PCN-14082-SIGNING RP 97.188 TO RP 208.702, 2001-\$2346.																																													
																				2015	DIST	91	RIDE	4.18	PRPI	GOOD	IRI	53																	
																				2016	DIST	88	RIDE	4.24	PRPI	GOOD	IRI	51																	
																				2017	DIST	85	RIDE	4.09	PRPI	GOOD	IRI	57																	
																				2018	DIST	91	RIDE	4.17	PRPI	GOOD	IRI	54																	
																				2019	DIST	92	RIDE	4.26	PRPI	GOOD	IRI	50																	
																				2020	DIST	88	RIDE	4.35	PRPI	GOOD	IRI	46																	
																				2021	DIST	99	RIDE	4.63	PRPI	EXCL	IRI	33																	
																				2022	DIST	97	RIDE	4.58	PRPI	GOOD	IRI	36																	
																				2023	DIST	92	RIDE	4.35	PRPI	GOOD	IRI	46																	
																				2024	DIST	92	RIDE	4.39	PRPI	GOOD	IRI	44																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
208	4.39	92	0.17	44.00	GOOD	N/A	N/A	0	0	0	1	0	0	6
AVG	4.39	92	0.17	44.00	GOOD	N/A	N/A	0	0	0	1	0	0	6

26 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	C-C 84 FEET		48.0				1965	23				
3.0	AGGREGATE BASE		27.0				1966					
3.7	AGGREGATE BASE	13.1		7.7			1966					
2.0	PLANT MIX BIT BASE	11.9		5.8	120-150		1966					
3.0	HOT BIT PAVEMENT	10.0		3.0	120-150		1966	14				
7.0	CONT - REINF PCC		24.0				1968	68	20			
	DISTRICT CHIP SEAL	10.0		3.0	MC-3000		1981	1				
	CONCRETE PAVEMENT REPAIR						1983	2	10			
	MAINTENANCE GRAVEL SEAL			3.0	MC-3000		1987	3				
	CONCRETE PAVEMENT REPAIR						1988	6	10			
	DISTRICT SAND SEAL	10.0		3.0	RCLMITE		1992					
3.7	HOT BIT PAVEMENT		24.0	3.0	120-150	33	1997	64	20	307		1
2.4	HOT BIT PAVEMENT		10.0		120-150	25	1997	12		307		1
	SAFETY ENHANCEMENTS 90-1						1997			307		1
	FEDERAL AID CHIP SEAL		27.0		MC-3000P	43	1999	11		12523		1
	FEDERAL AID CHIP SEAL			10.0	MC-3000P	45	1999			12523		1
-2.2	MILLING	10.0	24.0	3.0			2010			17652		1
3.0	HBP-SUPERPAVE-FAA 45	10.0	24.0	3.0	PG 64-28	SP	2010	185	20	17652		1
	FEDERAL AID SAND SEAL	9.5		2.5	CRS2P	45	2011			18588		1
	MICROSURFACING		25.0		AE	MC	2011	39		18588		1
	CONCRETE PAVEMENT REPAIR		24.0				2021			22959		1
-2.0	MILLING		37.0				2021			22959		1
2.0	RAP-SUPERPAVE FAA 45	10.0	24.0	3.0	PG58H-34	SP	2021	150	7	22959		1
	FEDERAL AID SAND SEAL	10.0		3.0	CRS2P	45	2023			23463		1
	MICROSURFACING		24.0		AE	MC	2023	549	7	23463		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WPTH	FIN WPTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	94	B	E	908.791	0.0000	909.000	0.6910	0.9184	8.0	24.0	8.0	5.5	17.0	65.0	40.0	286	1832 2022	127	11	11	2021	FLEX	ASPHT	UIC	1	2014	2014	2014	F	CHIP SEAL																																																																													
JCT I-94 & 25 SOUTH																		2015	DIST	94	RIDE	3.81	PRPI	GOOD	IRI	70	2016	DIST	77	RIDE	3.70	PRPI	GOOD	IRI	74	2017	DIST	85	RIDE	3.78	PRPI	GOOD	IRI	71	2018	DIST	81	RIDE	3.50	PRPI	GOOD	IRI	83	2019	DIST	88	RIDE	3.59	PRPI	GOOD	IRI	80	2020	DIST	79	RIDE	3.35	PRPI	GOOD	IRI	91	2021	DIST	87	RIDE	3.35	PRPI	GOOD	IRI	91	2022	DIST	87	RIDE	3.10	PRPI	POOR	IRI	103	2023	DIST	86	RIDE	3.23	PRPI	GOOD	IRI	97	2024	DIST	76	RIDE	3.07	PRPI	POOR	IRI	104

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
909	3.07	76	0.24	104.00	POOR	N/A	N/A	3	0	2	4	0	0	14
AVG	3.07	76	0.24	104.00	POOR	N/A	N/A	3	0	2	4	0	0	14

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
2.0	EXISTING BASE GRADE		65.0				2014			18068	1	
15.0	SALVAGED AGGR BASE		28.0				2014			18068	1	
3.5	HBP-SUPERPAVE-FAA 43	8.0	24.0	8.0	PG 58-28	SP	2014			18068	1	
2.0	HBP-SUPERPAVE-FAA 43	8.0	24.0	8.0	PG 58-34	SP	2014	2892	20	18068	1	
	MICROSURFACING		25.0			MC	2016	43		21416	1	
	FEDERAL AID SAND SEAL	7.5		7.5	CRS2P	45	2016			21416	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	29		23038	1	
	FEDERAL AID SAND SEAL	8.0		8.0	CRS2P	45	2021			23038	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	B	E	909.000	0.6910	913.000	0.4850	3.7665	6.0	24.0	6.0	4.0	5.0	42.0	36.0	186	1690 2022	110	77	77	2021	FLEX	ASPHT	UIC	1	1948	1948	1948	F CHIP SEAL
0.9 MI S I-94 TO 0.4 MI W SUNNY RD																													
ALMOST CONTINUOUS PATCHING IN 1979. SEALED 1965, 1974 AND 1988. SLIDE STILL MOVING-REQUIRES PERIODIC MAINTENANCE. 4,473 CU YDS OF PATCHING PRIOR TO SEAL IN 1988. PATCHING IN 1991 AND 1992-WILL NEED MORE IN 1993.																													
2015 DIST 81 RIDE 3.33 PRPI FAIR IRI 124																													
2016 DIST 78 RIDE 3.36 PRPI FAIR IRI 124																													
2017 DIST 76 RIDE 3.14 PRPI FAIR IRI 124																													
2018 DIST 91 RIDE 3.23 PRPI FAIR IRI 96																													
2019 DIST 88 RIDE 3.13 PRPI FAIR IRI 101																													
2020 DIST 86 RIDE 3.19 PRPI FAIR IRI 98																													
2021 DIST 88 RIDE 3.16 PRPI FAIR IRI 100																													
2022 DIST 86 RIDE 3.30 PRPI FAIR IRI 93																													
2023 DIST 89 RIDE 2.98 PRPI FAIR IRI 108																													
2024 DIST 87 RIDE 2.89 PRPI FAIR IRI 113																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
910	2.31	83	0.17	142.00	POOR	N/A	N/A	6	0	1	3	0	0	6
911	2.44	87	0.13	136.00	POOR	N/A	N/A	6	0	1	5	0	0	0
912	3.21	89	0.09	97.00	FAIR	N/A	N/A	3	0	2	5	0	0	0
913	3.59	88	0.05	80.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
AVG 2.89 87 0.11 113.75 FAIR N/A N/A 5 0 2 5 0 0 0 2														

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		42.0				1947	147				
2.0	HOT BIT PAVEMENT		41.0				1948					
2.5	HOT BIT PAVEMENT		40.0		120-150		1948					
	DISTRICT CHIP SEAL		22.0		120-150		1948	103	20			
	INT MTCE PATCH-1.5"		24.0		HFMS-2		1988	24				
	CONTRACT CHIP SEAL		24.0		120-150		1993	53				
	INT CONT PATCH-1.25"		24.0		MC-3000P	43	1998	39	12058		1	
	INT CONT PATCH-2.0"	5.0	30.0		PG 58-28	27	2007	331	17029		1	
	-.5 MICROMILL		24.0		PG 58-28	SP	2012	66	19927		1	
	FEDERAL AID CHIP SEAL		24.0				2021	120	23038		1	
	FEDERAL AID SAND SEAL	3.0	24.0		CRS2P	41	2021	120	23038		1	
			3.0		CRS2P	45	2021		23038		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	94	B	E	913.000	0.4850	914.000	0.8800	1.3954	3.5	24.0	3.5	5.0	5.0	42.0	31.0	250	2475 2022	110	77	20	2021	FLEX	ASPHT	UIC	1	1948	2018	2018	F	CHIP SEAL
0.4 MI W SUNNY RD TO W HEART RIVER																														
ALMOST CONTINUOUS PATCHING IN 1979. SEALED 1965, 1974 AND 1988. SLIDE STILL MOVING-REQUIRES PERIODIC MAINTENANCE. 4,473 CU YDS OF PATCHING PRIOR TO SEAL IN 1988. PATCHING IN 1991 AND 1992-WILL NEED MORE IN 1993.																														
2015 DIST 85 RIDE 2.87 PRPI FAIR IRI 113																														
2016 DIST 76 RIDE 2.79 PRPI FAIR IRI 118																														
2017 DIST 73 RIDE 2.66 PRPI FAIR IRI 124																														
2018 DIST 93 RIDE 3.91 PRPI GOOD IRI 65																														
2019 DIST 93 RIDE 4.07 PRPI GOOD IRI 58																														
2020 DIST 92 RIDE 3.87 PRPI GOOD IRI 67																														
2021 DIST 92 RIDE 3.62 PRPI GOOD IRI 78																														
2022 DIST 92 RIDE 3.67 PRPI GOOD IRI 76																														
2023 DIST 91 RIDE 3.54 PRPI GOOD IRI 82																														
2024 DIST 87 RIDE 3.29 PRPI FAIR IRI 94																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
914	3.29	87	0.09	94.00	FAIR	N/A	N/A	3	0	3	6	0	0	0
AVG	3.29	87	0.09	94.00	FAIR	N/A	N/A	3	0	3	6	0	0	0

14 OCCURS DPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RS HL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	AGGREGATE BASE		42.0				1947	55				
2.0	HOT BIT PAVEMENT		41.0				1948					
2.5	HOT BIT PAVEMENT		40.0		120-150		1948					
	DISTRICT CHIP SEAL		22.0		120-150		1948	38	20			
	INT MTCE PATCH-1.5"		24.0		HFMS-2		1988	9				
	CONTRACT CHIP SEAL				120-150		1993	20				
	INT CONT PATCH-1.25"		24.0		MC-3000P	43	1998	14		12058		1
	INT CONT PATCH-2.0"	5.0	30.0		PG 58-28	27	2007	123		17029		1
	MILLING		24.0	5.0	PG 58-28	SP	2012	24		19927		1
2.0	HBP-SUPERPAVE-FAA 43		31.0				2018	194		22145		1
-.5	MICROMILL		24.0				2018		7	22145		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	45		23038		1
	FEDERAL AID SAND SEAL	3.5	24.0	3.5	CRS2P	45	2021			23038		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	94	B	E	914.000	0.8800	915.000	0.0881	0.2080	8.0	24.0	8.0	5.0	18.0	57.0	40.0	251	2483 2022	181	17	17	2021	FLEX	ASPHT	UIC	1	2008	2008	2008	F CHIP SEAL																				
MANDAN - W OF HEART RIVER TO BRIDGE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

ALMOST CONTINUOUS PATCHING IN 1979. SEALED 1965, 1974 AND 1988. SLIDE STILL MOVING-REQUIRES PERIODIC MAINTENANCE. 4,473 CU YDS OF PATCHING PRIOR TO SEAL IN 1988. PATCHING IN 1991 AND 1992-WILL NEED MORE IN 1993.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADE		44.0				2008			16594	1	
18.0 SALVAGED BIT BASE		44.0				2008			16594	1	
5.5 HOT BIT PAVEMENT	8.0	24.0	8.0	PG 64-34	33	2008	695	20	16594	1	
-.5 MICROMILL		24.0				2021			23038	1	
FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	7		23038	1	
FEDERAL AID SAND SEAL	8.0		8.0	CRS2P	45	2021			23038	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																														
1	94	B	E	915.000	0.0881	915.437	0.0000	0.3319	8.0	24.0	8.0	8.5	8.0	43.0	40.0	255	2515 2022	181	17	14			CONCR	JOINT	UIC	1	2008	2021	2021	CPR/GRINDING																																														
MANDAN - HEART RIVER BRIDGE TO ND 6																	2015	DIST 77	RIDE 1.91	PRPI	POOR	IRI 166	2016	DIST 77	RIDE 1.96	PRPI	POOR	IRI 163	2017	DIST 84	RIDE 1.98	PRPI	POOR	IRI 161	2018	DIST 76	RIDE 1.88	PRPI	POOR	IRI 167	2019	DIST 89	RIDE 1.88	PRPI	POOR	IRI 167	2020	DIST 83	RIDE 1.93	PRPI	POOR	IRI 164	2021	DIST 86	RIDE 3.16	PRPI	FAIR	IRI 100	2022	DIST 90	RIDE 3.20	PRPI	FAIR	IRI 97	2023	DIST 84	RIDE 3.15	PRPI	FAIR	IRI 100	2024	DIST 79	RIDE 3.12	PRPI	POOR	IRI 101

ALMOST CONTINUOUS PATCHING IN 1979. SEALED 1965, 1974 AND 1988. SLIDE STILL MOVING-REQUIRES PERIODIC MAINTENANCE. 4,473 CU YDS OF PATCHING PRIOR TO SEAL IN 1988. PATCHING IN 1991 AND 1992-WILL NEED MORE IN 1993.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
915	3.12	79	N/A	101.00	POOR	0.10	170	0	4	2	5	1	7	0	0	1
AVG	3.12	79	N/A	101.00	POOR	0.10	170	0	4	2	5	1	7	0	0	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
8.0	SALVAGED AGGR BASE		60.0				2008			16594	1	
8.5	NON-REINF PCC	8.0	44.0		AE		2008	1134	30	16594	1	
	DOWELED						2008			16594	1	
	CONCRETE PAVEMENT REPAIR		24.0				2021	1081	10	22282	1	
	GRINDING		24.0				2021			22282	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	94	B	E	915.437	0.0000	916.000	0.1450	0.7386	6.0	12.0	11.0	10.0	12.0	31.0	29.0	238	4547 2022	177	29	14			CONCR	JOINT	UIC	1	1996	2021	2021	CPR/GRINDING																				
MDN-MAIN AVE (ND 6 TO COLLINS)																		2015	DIST	81	RIDE	2.15	PRPI	N/A	IRI	N/A																								
																		2016	DIST	79	RIDE	2.20	PRPI	N/A	IRI	N/A																								
																		2017	DIST	77	RIDE	2.11	PRPI	N/A	IRI	N/A																								
																		2018	DIST	84	RIDE	1.86	PRPI	N/A	IRI	N/A																								
																		2019	DIST	74	RIDE	1.99	PRPI	N/A	IRI	N/A																								
																		2020	DIST	82	RIDE	2.14	PRPI	N/A	IRI	N/A																								
																		2021	DIST	87	RIDE	3.23	PRPI	GOOD	IRI	96																								
																		2022	DIST	93	RIDE	3.20	PRPI	FAIR	IRI	97																								
																		2023	DIST	89	RIDE	3.26	PRPI	GOOD	IRI	95																								
																		2024	DIST	88	RIDE	3.15	PRPI	FAIR	IRI	100																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
916	3.15	88	N/A	100.00	FAIR	0.09	199	0	0	0	0	4	1	5	0	0	1
AVG	3.15	88	N/A	100.00	FAIR	0.09	199	0	0	0	0	4	1	5	0	0	1

7 OCCURS	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE		59.0				1996					
	12.0 BLENDED BASE		62.0				1996					
	10.0 NON-REINF PCC		56.0				1996	3654	30			
	EDGE DRAIN						1996					
	LANDSCAPING						1996					
	CONCRETE PAVEMENT REPAIR		24.0				2021	2406	10	22282	1	
	GRINDING		24.0				2021			22282	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	94	B	E	916.000	0.1450	916.581	0.0000	0.4259		48.0	8.0	10.0	12.0	62.0	56.0	240	6585 2022	223	29	14		CONCR	JOINT	UIC	1	1996	2021	2021	CPR/GRINDING																				
MDN-MAIN AVE (COLLINS TO ND1806)																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	AVERAGE RIDE, DISTRESS & RUT LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		59.0				1996					
	12.0	BLENDED BASE		62.0				1996					
	10.0	NON-REINF PCC		56.0				1996	2107	30			
		EDGE DRAIN						1996					
		LANDSCAPING						1996					
		CONCRETE PAVEMENT REPAIR		48.0				2021	1387	10	22282	1	
		GRINDING		48.0				2021			22282	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	94	B	E	916.581	0.0000	917.043	0.3258	0.7999		22.0	7.5	10.0	12.0	32.5	29.5	273	8543 2023	278	29	14		CONCR	JOINT	UIC	1	1996	2021	2021	CPR/GRINDING							
MDN-MAIN ST (NEAR 1806 TO TC DRIVE)																		2015	DIST	83	RIDE	3.10	PRPI	GOOD	IRI	103										
																		2016	DIST	86	RIDE	3.13	PRPI	GOOD	IRI	101										
																		2017	DIST	77	RIDE	3.03	PRPI	POOR	IRI	106										
																		2018	DIST	88	RIDE	3.00	PRPI	POOR	IRI	108										
																		2019	DIST	96	RIDE	3.11	PRPI	POOR	IRI	102										
																		2020	DIST	90	RIDE	3.06	PRPI	POOR	IRI	105										
																		2021	DIST	95	RIDE	3.58	PRPI	GOOD	IRI	80										
																		2022	DIST	95	RIDE	3.55	PRPI	GOOD	IRI	81										
																		2023	DIST	92	RIDE	3.60	PRPI	GOOD	IRI	79										
																		2024	DIST	92	RIDE	3.51	PRPI	GOOD	IRI	83										

2008 PCN 15887 - PCC PAVEMENT REPAIR AND STORM DRAIN INSTALLATION

REF PT	RIDE	DST	RUT (IN)	IRI	IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																			
FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP															
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT										THESE REF POINTS HAVE THE INCORRECT PAVEMENT TYPE																										
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT	TYPE																						
917	3.51	92	0.14	83.00	GOOD	N/A	N/A	3	0	0	2	0	0	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO										

7 OCCURS	DPH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	CURB & GUTTER FACE-FACE		67.0				1996					
		BLENDED BASE		70.0				1996					
		EDGE DRAIN						1996					
		LANDSCAPING						1996					
	10.0	NON-REINF PCC		64.0				1996	2388	30			
		CONCRETE PAVEMENT REPAIR		48.0				2021	2606	10	22282	1	
		GRINDING		48.0				2021			22282	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB													
1	94	B	E	917.043	0.3258	917.901	0.0000	0.4957	10.0	48.0	10.0	10.0	12.0	74.0	68.0	250	9670 2023	278	29	14			CONCR	JOINT	UIC	1	1996	2021	2021	CPR/GRINDING													
MANDAN-EAST OF TWIN CITY DR TO I-94																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
2008 PCN 15887 - PCC PAVEMENT REPAIR AND STORM DRAIN INSTALLATION																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) DC	AVG NUM (2024) CB	AVG NUM (2024) LJS	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) TJS	AVG NUM (2024) FLT	AVG NUM (2024) BS	AVG NUM (2024) BP	AVG NUM (2024) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		CURB & GUTTER FACE-FACE		67.0				1996					
	12.0	BLENDED BASE		70.0				1996					
		EDGE DRAIN						1996					
		LANDSCAPING						1996					
	10.0	NON-REINF PCC		64.0				1996	1480	30			
		CONCRETE PAVEMENT REPAIR		48.0				2021	1615	10	22282	1	
		GRINDING		48.0				2021			22282	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	94	B	E	917.902	0.0000	918.000	0.0900	0.1784		24.0	6.0				30.0	100	4072 2022	67	46	46		CONCR	JOINT	UIC	2	1979	1979	1979	PCC	JOINTED

BISMARCK-MANDAN STRIP

ROADWAY WIDTHS ARE BOTH LANES COMBINED.

2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A
2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2024)	AVERAGE RIDE, DISTRESS & RUT										
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN		
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H
GRADE		85.0					1979					
NON-REINF	PCC	85.0					1979		20			

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	94	B	E	918.000	0.0900	920.000	0.2650	2.1854	6.0	24.0	3.9	8.0	6.0	38.0	33.9	139	6698 2022	66	46	25		FLEX	ASPHT	UIC	2	1979	2009	2013	MICROSURFACI						
BISMARCK-MANDAN STRIP																			2015	DIST 87	RIDE 3.19	PRPI	GOOD	IRI 98											
																			2016	DIST 90	RIDE 3.10	PRPI	GOOD	IRI 102											
																			2017	DIST 81	RIDE 2.76	PRPI	FAIR	IRI 119											
																			2018	DIST 87	RIDE 2.89	PRPI	FAIR	IRI 112											
																			2019	DIST 84	RIDE 3.03	PRPI	GOOD	IRI 106											
																			2020	DIST 83	RIDE 2.97	PRPI	GOOD	IRI 109											
																			2021	DIST 82	RIDE 2.97	PRPI	GOOD	IRI 109											
																			2022	DIST 81	RIDE 2.73	PRPI	POOR	IRI 120											
																			2023	DIST 79	RIDE 2.65	PRPI	POOR	IRI 125											
																			2024	DIST 79	RIDE 2.58	PRPI	POOR	IRI 128											

SEALED IN 1985 WITH RUBBERIZED ASPHALT. MORE RUTTING EVERY YEAR. WILL REQUIRE MILLING & SEAL. SEALED 1996 HFRS2P.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT
919	2.72	74	0.21	121.00	FAIR	N/A	N/A	9	0	4	4	0	0	2	6
920	2.78	87	0.17	118.00	GOOD	N/A	N/A	3	0	3	4	0	0	2	0
AVG	2.75	81	0.19	119.50	FAIR	N/A	N/A	6	0	4	4	0	0	2	3

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT BLD	LC	TC	BC	RW	BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
918	2.24	77	0.18	147.00	POOR	N/A	N/A	6	0	5	3	0	0	2	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

DPATH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
	GRADE		38.0				1979					
6.0	AGGREGATE BASE		36.0				1979					
6.0	HOT BIT PAVEMENT		34.0		120-150		1979	1115	20			
	CONTRACT CHIP SEAL		30.0		RC-800		1985	62				
	CONTRACT CHIP SEAL		34.0				1996	106				
2.0	HOT BIT PAVEMENT		34.0		PG 58-28	33	2009	338	7	17936	1	
	MICROSURFACING		35.0		AE	MC	2013	177	7	20004	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB															
1	94	B	E	920.000	0.2650	921.096	0.0000	0.8089		25.0		5.5	18.0	31.0	25.0	107	7880 2022	53	19	19		FLEX	ASPHT	UIC	2	2006	2006	2006	OVERLAY(HBP)															
MEMORIAL BRIDGE INTER X-RDS																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																			2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

2006 REPLACEMENT OF MEMORIAL BRIDGE AND RECONSTRUCTION OF APPROACHES.

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	IRI RW	PRPI BP	AVG NUM (2024) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	IRI RW	PRPI BP	AVG NUM (2024) RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE
921	N/A	NA	N/A	N/A	N/A	0.11	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	CONCR

3 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST YEAR	DSN THOUS	LFE	PCN	SUB	H
	18.0	SALVAGED AGGR BASE		51.0				2006					
	5.5	HOT BIT PAVEMENT		48.0		PG 58-28	33	2006		20			

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																										
1	94	B	E	925.209	0.0000	926.867	0.0000	1.6497	8.0	24.0	6.5	10.0	12.0	41.5	38.5	707	10630 2022	860	21	12		CONCR	JOINT	UIC	2	2004	2023	2023	CPR_ONLY																																																										
BISMARCK - MAIN AVE TO I-94																		2015	DIST 89	RIDE	2.94	PRPI	FAIR	IRI 110	2016	DIST 87	RIDE	3.28	PRPI	GOOD	IRI 94	2017	DIST 86	RIDE	3.26	PRPI	GOOD	IRI 95	2018	DIST 87	RIDE	2.90	PRPI	POOR	IRI 112	2019	DIST 86	RIDE	2.81	PRPI	POOR	IRI 117	2020	DIST 86	RIDE	3.02	PRPI	POOR	IRI 107	2021	DIST 86	RIDE	2.77	PRPI	POOR	IRI 119	2022	DIST 85	RIDE	3.05	PRPI	FAIR	IRI 105	2023	DIST 88	RIDE	2.90	PRPI	POOR	IRI 112	2024	DIST 88	RIDE	3.02	PRPI	POOR	IRI 106

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
925	3.34	91	N/A	91.00	FAIR	0.08	70	0	0	0	3	2	2	0	0	1
926	2.70	84	N/A	122.00	POOR	0.11	113	0	0	4	0	2	7	0	1	1
AVG	3.02	88	N/A	106.50	POOR	0.10	92	0	0	2	2	2	5	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	GRADE		42.0				2004			14808		1
12.0	SALVAGED BIT BASE		42.0			05	2004			14808		1
10.0	NON-REINF PCC		38.5		AE	S3	2004	2598	30	14808		1
	CURB & GUTTER CTRLN-FACE		38.5				2004			14808		1
	DOWELED						2004			14808		1
	CONCRETE PAVEMENT REPAIR						2023	640	10	23346		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	94	B	W	915.715	0.0000	916.000	0.1450	0.5886	9.0	12.0	6.0	10.0	12.0	31.0	27.0	185	4527 2022	167	4	4		CONCR	JOINT	UIC	1	2021	2021	2021	CPR/GRINDING				
MDN-MAIN AVE (HEART RIV-COLLINS)																		2015	DIST	75	RIDE	1.99	PRPI	POOR	IRI	121							
																		2016	DIST	77	RIDE	2.08	PRPI	POOR	IRI	121							
																		2017	DIST	77	RIDE	1.97	PRPI	POOR	IRI	121							
																		2018	DIST	83	RIDE	1.80	PRPI	POOR	IRI	121							
																		2019	DIST	82	RIDE	1.94	PRPI	POOR	IRI	121							
																		2020	DIST	81	RIDE	2.01	PRPI	POOR	IRI	121							
																		2021	DIST	91	RIDE	3.26	PRPI	FAIR	IRI	95							
																		2022	DIST	87	RIDE	3.11	PRPI	POOR	IRI	102							
																		2023	DIST	89	RIDE	3.18	PRPI	FAIR	IRI	98							
																		2024	DIST	89	RIDE	3.13	PRPI	POOR	IRI	101							

SEE EASTBOUND FOR COMPONENTS.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
916	3.13	89	N/A	101.00	POOR	0.11	190	0	0	0	0	1	8	0	0	1
AVG	3.13	89	N/A	101.00	POOR	0.11	190	0	0	0	0	1	8	0	0	1

3 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE						1996					
	CONCRETE PAVEMENT REPAIR	24.0					2021		22282		1	
	GRINDING	24.0					2021		22282		1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	94	B	W	916.000	0.1450	917.901	0.0000	1.8460		22.0	12.0	10.0	12.0	37.0	34.0	249	8987 2023	221	4	4		CONCR	JOINT	UIC	1	2021	2021	2021	CPR/GRINDING				
MDN-MAIN AVE (COLLINS - TC DRIVE																		SEE EASTBOUND FOR COMPONENTS.															
																		2015	DIST	83	RIDE	2.26	PRPI	POOR	IRI	145							
																		2016	DIST	80	RIDE	2.49	PRPI	POOR	IRI	133							
																		2017	DIST	83	RIDE	2.46	PRPI	POOR	IRI	134							
																		2018	DIST	89	RIDE	2.49	PRPI	POOR	IRI	133							
																		2019	DIST	93	RIDE	2.71	PRPI	POOR	IRI	121							
																		2020	DIST	94	RIDE	2.72	PRPI	POOR	IRI	121							
																		2021	DIST	98	RIDE	3.51	PRPI	GOOD	IRI	83							
																		2022	DIST	97	RIDE	3.51	PRPI	GOOD	IRI	83							
																		2023	DIST	96	RIDE	3.53	PRPI	GOOD	IRI	82							
																		2024	DIST	91	RIDE	3.43	PRPI	GOOD	IRI	87							

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) DC	AVG NUM (2024) CB	AVG NUM (2024) LJS	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) TJS	AVG NUM (2024) FLT	AVG NUM (2024) BS	AVG NUM (2024) BP	AVG NUM (2024) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT	AVG NUM (2024) DC	AVG NUM (2024) CB	AVG NUM (2024) LJS	AVG NUM (2024) TJS	AVG NUM (2024) FLT	AVG NUM (2024) BS	AVG NUM (2024) CP	AVG NUM (2024) TCS	AVG NUM (2024) BU	AVG NUM (2024) PVMT TYPE	
917	3.43	91	0.14	87.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

3 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	CURB & GUTTER FACE-FACE						1996					
	CONCRETE PAVEMENT REPAIR						2021		22282		1	
	GRINDING	24.0					2021		22282		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB													
1	94	B	W	917.901	0.0000	918.000	0.0900	0.1795	6.0	24.0						30.0	110	4179	76	38	38			CONCR	JOINT	UIC	2	1987	1987	1987													
MANDAN - MEMORIAL HIGHWAY (THE STRIP)																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																	

SEE EASTBOUND FOR COMPONENTS.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT												
AVG	N/A	NA	N/A	N/A	N/A	FLT	FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP	
						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

1 OCCURS	L SHL			RDWY			RSHL			OIL/CON		CLS		COST		DSN	
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)	WDTH (FT)

COMPONENTS CURB & GUTTER FACE-FACE

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																			
1	94	B	W	918.000	0.0900	920.000	0.2692	2.1863	3.9	24.0	6.0	8.0	6.0	38.0	33.9	150	7076 2022	71	46	25		FLEX	ASPHT	UIC	2	1979	2009	2013	MICROSURFACI																			
MANDAN - MEMORIAL HIGHWAY (THE STRIP)																			2015	DIST	88	RIDE	3.24	PRPI	GOOD	IRI	96																					

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	IRI RW	PRPI BP	RT
919	2.14	69	0.33	152.00	POOR	N/A	N/A	9	0	2	3	0	0	2	14
920	2.11	75	0.22	153.00	POOR	N/A	N/A	9	0	4	3	0	0	2	6
AVG	2.13	72	0.28	152.50	POOR	N/A	N/A	9	0	3	3	0	0	2	10

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	IRI RW	PRPI BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE	
918	2.44	75	0.25	136.00	POOR	N/A	N/A	9	0	3	4	0	0	2	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COMPO

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		38.0				1979				
6.0	AGGREGATE BASE		36.0				1979				
6.0	HOT BIT PAVEMENT		34.0		120-150		1979	1115	20		
	CONTRACT CHIP SEAL		30.0		RC-800		1985	62			
	CONTRACT CHIP SEAL		34.0				1996	106			
2.0	HOT BIT PAVEMENT		34.0		PG 58-28	33	2009	338	7	17936	1
	MICROSURFACING		34.0		AE	MC	2013	177	7	20004	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																						
1	94	B	W	920.000	0.2692	921.096	0.0000	0.8004		24.0		5.5	18.0	30.0	24.0	128	8125 2022	61	19	19		FLEX	ASPHT	UIC	2	2006	2006	2006	OVERLAY(HBP)																						
MEMORIAL BRIDGE INTER X-ROADS																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																			2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RW	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REF PT	RIDE	DST	INCH	IRI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RW	RUT BP	RT	DC	CB	LJS	TJS	FLT	BS	CP	TCS	BU	PVMT TYPE
921	N/A	NA	N/A	N/A	N/A	0.10	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	CONCR

3 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	18.0	SALVAGED AGGR BASE		44.0				2006					
	5.5	HOT BIT PAVEMENT		30.0		PG 58-28	33	2006		20			

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	94	B	W	925.209	0.0000	926.867	0.0000	1.6510	6.5	24.0	8.0	10.0	12.0	41.5	38.5	747	10896	770	21	12			CONCR	JOINT	UIC	2	2004	2023	2023	CPR_ONLY
BISMARCK - MAIN AVE TO I-94																		2015	DIST	88	RIDE	2.75	PRPI	POOR	IRI	120				
																		2016	DIST	88	RIDE	2.64	PRPI	FAIR	IRI	126				
																		2017	DIST	87	RIDE	2.86	PRPI	FAIR	IRI	115				
																		2018	DIST	85	RIDE	2.67	PRPI	POOR	IRI	124				
																		2019	DIST	85	RIDE	2.66	PRPI	POOR	IRI	125				
																		2020	DIST	84	RIDE	2.78	PRPI	POOR	IRI	118				
																		2021	DIST	85	RIDE	2.56	PRPI	POOR	IRI	129				
																		2022	DIST	82	RIDE	2.85	PRPI	POOR	IRI	115				
																		2023	DIST	86	RIDE	2.71	PRPI	POOR	IRI	122				
																		2024	DIST	87	RIDE	2.83	PRPI	POOR	IRI	116				

2014 PCN 19244 - CONSTRUCT RIGHT TURN LANE AT REVERE DR INTERSECTION  
2018 PCN 21768 - CONSTRUCT RIGHT TURN LANE AT I94 NW RAMP

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
925	3.16	89	N/A	100.00	FAIR	0.08	55	0	0	0	0	4	3	2	0	0	1
926	2.50	84	N/A	133.00	POOR	0.12	125	0	0	0	4	0	2	7	0	1	1
AVG	2.83	87	N/A	116.50	POOR	0.10	90	0	0	0	2	2	3	5	0	1	1

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	GRADE		42.0				2004			14808		1
12.0	SALVAGED BIT BASE		42.0			05	2004			14808		1
10.0	NON-REINF PCC		38.5		AE	S3	2004	2598	30	14808		1
	CURB & GUTTER CTRLN-FACE		38.5				2004			14808		1
	DOWELED						2004			14808		1
	CONCRETE PAVEMENT REPAIR						2023	640	10	23346		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	95	N		0.000	0.0000	0.000	0.1535	0.1535		25.0		5.0	18.0	31.0	25.0	20	1180 1997	10	22	22		FLEX	ASPHT	UCL	2	2003	2003	2003	OVERLAY(HBP)																																																																														
BETWEEN HERITAGE CENTER & DOT BLDG																		2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2023	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS															
DPTH (IN)	COMPONENTS				LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	MILLING									1988					
	HOT BIT PAVEMENT									1988	8				
	GRADE									1992					
	HOT BIT PAVEMENT									1992	11				
18.0	AGGREGATE BASE				25.0				05	2003		15401		1	
5.0	HOT BIT PAVEMENT				25.0		PG 58-28	31	2003	330	30	15401		1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	95	N		0.000	0.1535	2.800	0.0000	2.6464	1.5	24.0	1.5	4.5	6.0	32.0	27.0	23	1268 1997	10	37	37		FLEX	ASPHT	UCL	2	1988	1988	1988																																																																															
BIS-CAPITAL GROUND LOOP & PARK LOT																		2015	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2016	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2017	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2018	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2019	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2020	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2021	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2022	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2023	DIST	0	RIDE	0.00	PRPI	N/A	IRI	0	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2002) AVERAGE RIDE, DISTRESS & RUT																														
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																											
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
2	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4 OCCURS				LSHL WDH	RDWY WDH	RSHL WDH	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
MILLING									1988					
HOT BIT PAVEMENT									1988	139				
GRADE									1992					
HOT BIT PAVEMENT									1992	185				

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	194	E		0.000	0.0000	0.000	0.5240	0.5240	4.0	24.0	10.0	11.0	4.0	48.0	38.0	320	12700 2022	234	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL
EAST MIDWAY INT TO END CONC SECTION																		2015	DIST	83	RIDE	3.54	PRPI	GOOD	IRI	82			
																		2016	DIST	83	RIDE	3.33	PRPI	GOOD	IRI	92			
																		2017	DIST	74	RIDE	3.14	PRPI	GOOD	IRI	100			
																		2018	DIST	88	RIDE	2.91	PRPI	POOR	IRI	112			
																		2019	DIST	99	RIDE	4.00	PRPI	GOOD	IRI	61			
																		2020	DIST	93	RIDE	3.83	PRPI	GOOD	IRI	68			
																		2021	DIST	98	RIDE	3.70	PRPI	GOOD	IRI	75			
																		2022	DIST	91	RIDE	3.72	PRPI	GOOD	IRI	73			
																		2023	DIST	90	RIDE	3.63	PRPI	GOOD	IRI	78			
																		2024	DIST	87	RIDE	3.48	PRPI	GOOD	IRI	85			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	3.48	87	0.14	85.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0
AVG	3.48	87	0.14	85.00	GOOD	N/A	N/A	6	0	3	3	0	0	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1964	15				
	C-C 84 FEET						1965					
3.0	SAND BASE		27.0				1965					
8.0	CONT - REINF PCC		24.0				1965	52	20			
5.5	AGGREGATE BASE		19.0				1965					
2.0	PLANT MIX BIT BASE		16.0		120-150		1965					
3.0	HOT BIT PAVEMENT RECLAIMITE	3.0		10.0	120-150		1965	52				
	CONCRETE PAVEMENT REPAIR		24.0				2010			16762		1
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	SP	2010		20	16762		1
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16762		1
	MICROSURFACING		24.0	10.0		MC	2010			16762		1
	FEDERAL AID SAND SEAL				CRS2P	45	2010			16762		1
	CONCRETE PAVEMENT REPAIR		24.0				2019			21943		1
-2.0	MILLING		38.0				2019			21943		1
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	241	7	21943		1
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21943		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21943		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	194	E		0.000	0.5240	1.072	0.0000	0.5298	4.0	24.0	10.0	11.0	4.0	48.0	38.0	320	12700	141	15	15	2019	FLEX	ASPHT	UI	1	2010	2019	2019	SLURRY SEAL																				
END CONC. SECTION TO START 810 SEC.																			2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						
																			2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT	BLD	LC	TC	BC	RW	BP	RT
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979					
4.0	AGGREGATE BASE		46.0				1981					
8.0	HOT BIT PAVEMENT		39.0				1981	437	20			
	CONTRACT CHIP SEAL		39.0				1996	134				
	STRUCTURAL ITEMS						1999	33		13091		1
	INT CONT PATCH-1.25"		37.0		PG 58-28	27	2001	54		14670		1
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	SP	2010		20	16762		1
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16762		1
	MICROSURFACING		24.0	10.0	MC	2010				16762		1
	FEDERAL AID SAND SEAL	4.0			CRS2P	45	2010			16762		1
	CONCRETE PAVEMENT REPAIR		24.0				2019			21943		1
-2.0	MILLING		38.0				2019			21943		1
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	255	7	21943		1
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21943		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21943		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB							
1	194	W		0.000	0.0000	0.000	0.5240	0.5240	10.0	24.0	4.0	11.0	4.0	48.0	38.0	345	12730 2022	245	15	15	2019	COMPO	AOCRC	UI	1	2010	2019	2019	SLURRY SEAL							
EAST MIDWAY INT TO END CONC SECTION																		2015	DIST 85	RIDE 3.88	PRPI	GOOD	IRI 67													
																		2016	DIST 91	RIDE 3.77	PRPI	GOOD	IRI 71													
																		2017	DIST 82	RIDE 3.73	PRPI	GOOD	IRI 73													
																		2018	DIST 88	RIDE 3.67	PRPI	GOOD	IRI 76													
																		2019	DIST 99	RIDE 4.35	PRPI	GOOD	IRI 45													
																		2020	DIST 99	RIDE 4.20	PRPI	GOOD	IRI 52													
																		2021	DIST 97	RIDE 4.16	PRPI	GOOD	IRI 54													
																		2022	DIST 96	RIDE 4.17	PRPI	GOOD	IRI 53													
																		2023	DIST 92	RIDE 4.13	PRPI	GOOD	IRI 55													
																		2024	DIST 93	RIDE 4.03	PRPI	GOOD	IRI 60													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
0	4.03	93	0.17	60.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0
AVG	4.03	93	0.17	60.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
3.0	SAND BASE GRADE		48.0				1964	15				
8.0	CONT - REINF PCC C-C 84 FEET		27.0				1965	52	20			
5.5	AGGREGATE BASE	9.5		9.5			1965					
2.0	PLANT MIX BIT BASE	8.0		8.0	120-150		1965					
3.0	HOT BIT PAVEMENT RECLAMITE	10.0		3.0	120-150		1965	52				
3.0	CONCRETE PAVEMENT REPAIR HBP-SUPERPAVE-FAA 45		24.0			PG 64-28	SP	2010	20	16762		1
3.0	HOT BIT PAVEMENT MICROSURFACING	10.0				PG 58-28	27	2010		16762		1
	FEDERAL AID SAND SEAL CONCRETE PAVEMENT REPAIR	10.0	24.0			MC	2010			16762		1
	FEDERAL AID SAND SEAL			4.0	CRS2P	45	2010			16762		1
-2.0	MILLING		38.0				2019			21943		1
2.0	HBP-SUPERPAVE-FAA 45 SLURRY SEAL		4.0	24.0	10.0	PG58H28	SP	2019	250	7	21943	1
	FEDERAL AID SAND SEAL		4.0	24.0	.5	CQS-1H	10	2019		21943		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21943		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	194	W		0.000	0.5240	1.072	0.0000	0.5304	10.0	24.0	4.0	11.0	4.0	48.0	38.0	345	12730 2022	152	15	15	2019	FLEX	ASPHT	UI	1	2010	2019	2019	SLURRY SEAL						
END CONC. SECTION TO START 810 SEC.																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

54 FEET CC 1996 SEAL HFRS2P.  
INTERMITTENT PATCH PCN 14670 REF .527 - 1.000\_- YR 2001

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
1	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979					
4.0	AGGREGATE BASE		46.0				1981					
8.0	HOT BIT PAVEMENT		39.0				1981	437	20			
	CONTRACT CHIP SEAL		39.0				1996	133				
	INT CONT PATCH-1.25"		37.0		PG 58-28	27	2001	54		14670	1	
3.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 64-28	SP	2010		20	16762	1	
3.0	HOT BIT PAVEMENT	10.0			PG 58-28	27	2010			16762	1	
	MICROSURFACING	10.0	24.0		MC		2010			16762	1	
	FEDERAL AID SAND SEAL			4.0	CRS2P	45	2010			16762	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			21943	1	
-2.0	MILLING		38.0				2019			21943	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	250	7	21943	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			21943	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			21943	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	200	E		157.781	0.0000	169.952	0.0000	12.1702	1.7	24.0	1.7	5.5	7.0	36.0	28.0	151	576 2023	93	72	19	2021	FLEX	ASPHT	RSC	1	1953	1984	2019	C CHIP SEAL																																																
JCT 200A N TO JCT 1806																		2015	DIST 82	RIDE 2.94	PRPI	POOR	IRI 110	2016	DIST 79	RIDE 2.64	PRPI	POOR	IRI 126	2017	DIST 79	RIDE 2.59	PRPI	POOR	IRI 128	2018	DIST 88	RIDE 2.37	PRPI	POOR	IRI 140	2019	DIST 99	RIDE 4.30	PRPI	GOOD	IRI 47	2020	DIST 98	RIDE 4.12	PRPI	GOOD	IRI 55	2021	DIST 97	RIDE 4.11	PRPI	GOOD	IRI 55	2022	DIST 97	RIDE 3.99	PRPI	GOOD	IRI 61	2023	DIST 90	RIDE 3.94	PRPI	GOOD	IRI 63	2024	DIST 91	RIDE 3.69	PRPI	GOOD	IRI 75

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																	
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT														
158	3.88	91	0.24	66.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	6								
159	3.94	87	0.20	64.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6								
160	3.93	89	0.21	64.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	6								
161	3.35	91	0.19	91.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	6								
162	3.46	90	0.18	86.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	6								
163	3.35	90	0.20	90.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	6								
164	3.68	87	0.19	76.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6								
165	3.82	96	0.17	69.00	GOOD	N/A	N/A	0	0	0	3	0	0	0	0								
166	3.74	94	0.19	73.00	GOOD	N/A	N/A	0	0	1	4	0	0	0	0								
167	3.66	95	0.18	76.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0								
168	3.68	95	0.15	76.00	GOOD	N/A	N/A	0	0	0	4	0	0	0	0								
169	3.79	92	0.14	70.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0								
AVG	3.69	91	0.19	75.08	GOOD	N/A	N/A	1	0	0	3	0	0	0	4								

12 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADE		36.0				1950					
5.0 AGGREGATE BASE		34.0				1953					
2.0 STABILIZED BASE		32.0				1953					
2.5 HOT BIT PAVEMENT		22.0		150-200		1953	235	20			
2.0 HOT BIT PAVEMENT		28.0		120-150		1984	954	14			
CONTRACT CHIP SEAL		28.0		MC-3000		1985	107				
DRIVE SLOPE FLATTENING						1986	27				
INT CONT PATCH-1.25"		26.0		PG 58-28	27	2005			15646	1	
DISTRICT CHIP SEAL	3.0	26.0	3.0	CRS2P	43	2007	216				
-1.0 MILLING		28.0				2019			21921	1	
2.0 HBP-SUPERPAVE-FAA 42	1.7	24.0	1.7	PG 58S28	SP	2019	1921	7	21921	1	
CONTRACT CHIP SEAL		27.5		CRS2P	41	2021	367		22853	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	Hwy	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		169.952	0.0000	174.000	0.5060	4.5655	3.0	24.0	3.0	8.5	7.0	36.0	30.0	240	1155 2023	149	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL				
JCT 1806 N TO PICK CITY																		2015	DIST 84	RIDE 4.23	PRPI	GOOD	IRI 51										
																		2016	DIST 80	RIDE 4.06	PRPI	GOOD	IRI 58										
																		2017	DIST 80	RIDE 4.01	PRPI	GOOD	IRI 60										
																		2018	DIST 91	RIDE 3.88	PRPI	GOOD	IRI 66										
																		2019	DIST 93	RIDE 3.93	PRPI	GOOD	IRI 63										
																		2020	DIST 86	RIDE 3.87	PRPI	GOOD	IRI 66										
																		2021	DIST 86	RIDE 3.86	PRPI	GOOD	IRI 67										
																		2022	DIST 86	RIDE 3.73	PRPI	GOOD	IRI 73										
																		2023	DIST 86	RIDE 3.77	PRPI	GOOD	IRI 71										
																		2024	DIST 85	RIDE 3.45	PRPI	GOOD	IRI 86										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
170	3.66	88	0.29	77.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	6
171	3.77	87	0.25	72.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6
172	3.36	87	0.29	90.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6
173	3.72	86	0.32	74.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6
174	2.73	79	0.40	120.00	POOR	N/A	N/A	3	0	1	2	0	0	0	14
AVG	3.45	85	0.31	86.60	GOOD	N/A	N/A	3	0	1	2	0	0	0	8

13 OCCURS	DPNTH	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSBL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	36.0					1950					
		5.0 AGGREGATE BASE		34.0				1953					
		2.0 STABILIZED BASE		32.0				1953					
		2.5 HOT BIT PAVEMENT		22.0		150-200		1953	88	20			
		2.0 HOT BIT PAVEMENT		28.0		120-150		1984	358	14			
		CONTRACT CHIP SEAL		28.0		MC-3000		1985	40				
		DRIVE SLOPE FLATTENING						1986	10				
		.5 MICROSURFACING		24.0				2001			13955		1
		INT CONT PATCH-2.0"		26.0				2010			18705		1
		WIDENING	3.0		3.0			2013			17714		1
		4.0 HBP-SUPERPAVE-FAA 42	3.0		3.0	PG 58-28	SP	2013			17714		1
		2.0 HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2013	3003	20	17714		1
		FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2016	155		21415		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																										
1	200	E		174.000		0.5060		174.000	0.7920	0.2860	3.0	24.0	3.0	6.5	7.0	36.0	30.0	240	1150	2023	228	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F	CHIP SEAL																						
PICK CITY																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1950	6				
5.0	AGGREGATE BASE		34.0				1953					
2.0	STABILIZED BASE		32.0				1953					
2.5	HOT BIT PAVEMENT		22.0		150-200		1953	7	20			
-1.0	MILLING		22.0				1988					
3.0	HOT BIT PAVEMENT		28.0		120-150		1988		5			
.5	MICROSURFACING		24.0				2001		13955		1	
	WIDENING	3.0		3.0			2013		17714		1	
4.0	HBP-SUPERPAVE-FAA 42	3.0		3.0	PG 58-28	SP	2013		17714		1	
2.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2013	188	20	17714	1	
	FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2016	10	21415		1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		174.000	0.7920	175.000	0.0400	0.2490	8.5	24.0	8.5	10.0	7.0	45.0	41.0	240	1125 2023	233	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL				
PICK CITY																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1950	6				
	5.0	AGGREGATE BASE		34.0				1953					
	2.0	STABILIZED BASE		32.0				1953					
	2.5	HOT BIT PAVEMENT		22.0		150-200		1953	7	20			
		CURB & GUTTER FACE-FACE		44.0				1988					
	-2.5	MILLING		22.0				1988					
	8.0	HOT BIT PAVEMENT		41.0		120-150		1988		20			
		CONTRACT CHIP SEAL		41.0		MC-3000		1990	2				
	.5	MICROSURFACING		24.0				2001			13955		1
	2.0	HBP-SUPERPAVE-FAA 42		41.0		PG 58-28	SP	2013	164	20	17714		1
		FEDERAL AID CHIP SEAL		41.0		CRS2P	41	2016	8		21415		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	200	E		175.000	0.0400	175.000	0.6470	0.6070	3.0	24.0	3.0	8.5	7.0	36.0	30.0	241	1126 2023	152	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL
PICK CITY EAST																		2015	DIST	82	RIDE	3.93	PRPI	GOOD	IRI	64			
																		2016	DIST	76	RIDE	3.73	PRPI	GOOD	IRI	73			
																		2017	DIST	73	RIDE	3.78	PRPI	GOOD	IRI	71			
																		2018	DIST	86	RIDE	3.65	PRPI	GOOD	IRI	77			
																		2019	DIST	89	RIDE	3.68	PRPI	GOOD	IRI	75			
																		2020	DIST	88	RIDE	3.60	PRPI	GOOD	IRI	79			
																		2021	DIST	88	RIDE	3.65	PRPI	GOOD	IRI	77			
																		2022	DIST	87	RIDE	3.58	PRPI	GOOD	IRI	80			
																		2023	DIST	88	RIDE	3.53	PRPI	GOOD	IRI	83			
																		2024	DIST	88	RIDE	3.21	PRPI	GOOD	IRI	97			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
175	3.21	88	0.36	97.00	GOOD	N/A	N/A	3	0	0	2	0	0	6
AVG	3.21	88	0.36	97.00	GOOD	N/A	N/A	3	0	0	2	0	0	6

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1950	7				
5.0	AGGREGATE BASE		34.0				1953					
2.0	STABILIZED BASE		32.0				1953					
2.5	HOT BIT PAVEMENT		22.0		150-200		1953	10	20			
2.0	HOT BIT PAVEMENT		28.0		120-150		1984	55	15			
	DRIVE SLOPE FLATTENING						1986	2				
	CONTRACT CHIP SEAL		28.0		MC-3000		1990	5				
.5	MICROSURFACING		24.0				2001			13955		1
	INT CONT PATCH-1.5"		26.0		PG 58-28	29	2010			18705		1
	WIDENING	3.0		3.0			2013			17714		1
4.0	HBP-SUPERPAVE-FAA 42	3.0		3.0	PG 58-28	SP	2013			17714		1
2.0	HBP-SUPERPAVE-FAA 42		24.0		PG 58-28	SP	2013	399	20	17714		1
	FEDERAL AID CHIP SEAL		30.0		CRS2P	41	2016	21		21415		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		175.000	0.6470	178.000	0.2660	2.6309	2.0	24.0	2.0	12.0	7.0	44.0	36.0	244	1178 2023	152	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL				
E OF PICK CITY E TO SPILLWAY BRIDGE																		2015	DIST	77	RIDE	4.05	PRPI	GOOD	IRI	59							
																		2016	DIST	77	RIDE	3.83	PRPI	GOOD	IRI	68							
																		2017	DIST	76	RIDE	3.78	PRPI	GOOD	IRI	71							
																		2018	DIST	90	RIDE	3.49	PRPI	GOOD	IRI	84							
																		2019	DIST	88	RIDE	3.60	PRPI	GOOD	IRI	79							
																		2020	DIST	83	RIDE	3.42	PRPI	GOOD	IRI	88							
																		2021	DIST	87	RIDE	3.43	PRPI	GOOD	IRI	87							
																		2022	DIST	85	RIDE	3.23	PRPI	GOOD	IRI	96							
																		2023	DIST	86	RIDE	3.32	PRPI	GOOD	IRI	92							
																		2024	DIST	81	RIDE	2.95	PRPI	GOOD	IRI	110							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
176	3.44	87	0.35	87.00	GOOD	N/A	N/A	3	0	0	3	0	0	6
177	3.14	78	0.39	100.00	GOOD	N/A	N/A	3	0	1	3	0	0	14
178	2.26	79	0.36	145.00	POOR	N/A	N/A	3	0	1	2	0	0	14
AVG	2.95	81	0.37	110.67	GOOD	N/A	N/A	3	0	1	3	0	0	11

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		44.0				1955					
	5.0	AGGREGATE BASE		40.0				1955					
	2.0	STABILIZED BASE		39.0				1955					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1955		20			
	1.5	HOT BIT PAVEMENT		36.0		120-150		1963					
	1.5	HOT BIT PAVEMENT		24.0		120-150		1963		20			
		DRIVE SLOPE FLATTENING						1988					
	-1.0	MILLING		24.0				1988					
	3.0	HOT BIT PAVEMENT		28.0		120-150		1988		20			
		CONTRACT CHIP SEAL		28.0		MC-3000		1990	21				
	.5	MICROSURFACING		24.0				2001			13955	1	
	2.0	HBP-SUPERPAVE-FAA 42		36.0		PG 58-28	SP	2013	1731	20	17714	1	
		FEDERAL AID CHIP SEAL		36.0		CRS2P	41	2016	89		21415	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	E	178.000	0.2660	178.000	0.5720	0.3060	1.0	24.0	1.0	2.0	26.0	26.0	247	1226	2023	233	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F	CHIP SEAL																																																																														
SPILLWAY BRIDGE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

9 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	HOT BIT PAVEMENT		26.0					1955		20			
	DRIVE SLOPE FLATTENING							1988					
-4.0	MILLING			26.0				1988					
2.0	HOT BIT PAVEMENT			26.0		120-150		1988		20			
	CONTRACT CHIP SEAL			26.0		MC-3000		1990	2				
.5	MICROSURFACING			24.0				2001			13955		1
-2.0	MILLING			26.0				2013			17714		1
2.0	HBP-SUPERPAVE-FAA 42			26.0		PG 58-28	SP	2013	201	20	17714		1
	FEDERAL AID CHIP SEAL			26.0		CRS2P	41	2016	10		21415		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	200	E		178.000	0.5720	179.000	0.0220	0.4189	5.0	24.0	5.0	6.5	8.0	44.0	34.0	248	1239 2023	233	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																					
SPILLWAY APPROACH E TO RIVERDALE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1955					
5.0	AGGREGATE BASE		40.0				1955					
2.0	STABILIZED BASE		39.0				1955					
2.5	HOT BIT PAVEMENT		24.0		120-150		1955	20				
1.5	HOT BIT PAVEMENT		36.0		120-150		1963					
1.5	HOT BIT PAVEMENT		24.0		120-150		1963	20				
	DRIVE SLOPE FLATTENING						1988					
-1.0	MILLING		25.0				1988					
3.0	HOT BIT PAVEMENT		27.0		120-150		1988	20				
4.0	BITUMINOUS BASE	3.5		3.5	120-150		1988					
	CONTRACT CHIP SEAL		27.0		MC-3000		1990	3				
.5	MICROSURFACING		24.0				2001		13955		1	
	INT CONT PATCH-1.5"		26.0		PG 58-28	29	2010		18705		1	
2.0	HBP-SUPERPAVE-FAA 42		28.0		PG 58-28	SP	2013	276	20	17714	1	
	FEDERAL AID CHIP SEAL		34.0		CRS2P	41	2016	14	21415		1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		179.000	0.0220	182.000	0.2470	3.2302	4.0	24.0	4.0	7.5	8.0	42.0	32.0	252	1310 2023	158	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL				
RIVERDALE E TO GRADE RAISE																		2015	DIST 86	RIDE 4.34	PRPI	GOOD	IRI 46										
																		2016	DIST 87	RIDE 4.16	PRPI	GOOD	IRI 53										
																		2017	DIST 81	RIDE 4.15	PRPI	GOOD	IRI 54										
																		2018	DIST 93	RIDE 4.05	PRPI	GOOD	IRI 58										
																		2019	DIST 88	RIDE 4.10	PRPI	GOOD	IRI 57										
																		2020	DIST 89	RIDE 4.01	PRPI	GOOD	IRI 60										
																		2021	DIST 89	RIDE 3.97	PRPI	GOOD	IRI 62										
																		2022	DIST 88	RIDE 3.86	PRPI	GOOD	IRI 67										
																		2023	DIST 88	RIDE 3.85	PRPI	GOOD	IRI 67										
																		2024	DIST 87	RIDE 3.63	PRPI	GOOD	IRI 78										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
PT						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT
179	3.71	91	0.24	74.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	6
180	3.72	87	0.25	74.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	6
181	3.59	86	0.28	80.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	6
182	3.48	84	0.24	84.00	GOOD	N/A	N/A	3	0	1	3	0	0	2	6
AVG	3.63	87	0.25	78.00	GOOD	N/A	N/A	2	0	1	3	0	0	1	6

13 OCCURS													CLS	COST	DSN			
DPTH (IN)	COMPONENTS				LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H			
	GRADE					42.0				1946								
6.0	AGGREGATE BASE					26.0				1946								
2.0	BITUMINOUS BASE					38.0				1946								
2.0	HOT BIT PAVEMENT					24.0		120-150		1946								
1.5	HOT BIT PAVEMENT					24.0		120-150		1946		20						
	DRIVE SLOPE FLATTENING									1988								
-1.0	MILLING					25.0				1988								
3.0	HOT BIT PAVEMENT					27.0		120-150		1988		20						
4.0	BITUMINOUS BASE				3.5		3.5	120-150		1988								
	CONTRACT CHIP SEAL					27.0		MC-3000		1990	26							
.5	MICROSURFACING					24.0				2001			13955	1				
2.0	HBP-SUPERPAVE-FAA 42					32.0		PG 58-28	SP	2013	2125	20	17714	1				
	FEDERAL AID CHIP SEAL					32.0		CRS2P	41	2016	110		21415	1				

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																								
1	200	E		182.000		0.2470	182.000	0.7580	0.5110	4.0	24.0	4.0	7.0	6.0	44.0	32.0	255	1340 2023	242	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																							
GRADE RAISE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	DRIVE SLOPE FLATTENING						1988					
	GRADE RAISE		44.0				1988					
6.0	AGGREGATE BASE		38.0				1988					
2.0	HOT BIT PAVEMENT		29.0		120-150		1988					
3.0	HOT BIT PAVEMENT		27.0		120-150		1988		20			
4.0	BITUMINOUS BASE	3.5		3.5	120-150		1988					
	CONTRACT CHIP SEAL		27.0		MC-3000		1990	4				
.5	MICROSURFACING		24.0				2001			13955		1
2.0	HBP-SUPERPAVE-FAA 42		32.0		PG 58-28	SP	2013	336	20	17714		1
	FEDERAL AID CHIP SEAL		32.0		CRS2P	41	2016	17		21415		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	E		182.000	0.7580	188.892	0.0000	6.1472	4.0	24.0	4.0	7.5	8.0	42.0	32.0	194	1039 2023	158	12	12	2016	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																																																																														
GRADE RAISE E TO US 83																		2015	DIST	86	RIDE	4.36	PRPI	GOOD	IRI	44	2016	DIST	85	RIDE	4.16	PRPI	GOOD	IRI	54	2017	DIST	83	RIDE	4.13	PRPI	GOOD	IRI	55	2018	DIST	94	RIDE	3.97	PRPI	GOOD	IRI	62	2019	DIST	91	RIDE	4.12	PRPI	GOOD	IRI	55	2020	DIST	91	RIDE	4.00	PRPI	GOOD	IRI	60	2021	DIST	92	RIDE	4.02	PRPI	GOOD	IRI	60	2022	DIST	91	RIDE	3.81	PRPI	GOOD	IRI	69	2023	DIST	90	RIDE	3.99	PRPI	GOOD	IRI	61	2024	DIST	89	RIDE	3.68	PRPI	GOOD	IRI	75

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
183	3.58	80	0.36	80.00	GOOD	N/A	N/A	3	0	0	2	0	0	14
184	3.72	87	0.34	74.00	GOOD	N/A	N/A	3	0	1	2	0	0	6
185	3.67	88	0.34	76.00	GOOD	N/A	N/A	3	0	0	2	0	0	6
186	3.53	89	0.22	82.00	GOOD	N/A	N/A	3	0	0	1	0	0	6
187	4.11	98	0.15	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0
188	3.48	92	0.20	85.00	GOOD	N/A	N/A	0	0	0	1	0	0	6
AVG	3.68	89	0.27	75.50	GOOD	N/A	N/A	2	0	0	2	0	0	6

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		42.0				1946					
6.0	AGGREGATE BASE		26.0				1946					
2.0	BITUMINOUS BASE		38.0				1946					
2.0	HOT BIT PAVEMENT		24.0		120-150		1946					
1.5	HOT BIT PAVEMENT		24.0		120-150		1946		20			
	DRIVE SLOPE FLATTENING						1988					
-1.0	MILLING		25.0				1988					
3.0	HOT BIT PAVEMENT		27.0		120-150		1988		20			
4.0	BITUMINOUS BASE	3.5		3.5	120-150		1988					
	CONTRACT CHIP SEAL		27.0		MC-3000		1990	49				
.5	MICROSURFACING		24.0				2001			13955		1
2.0	HBP-SUPERPAVE-FAA 42		32.0		PG 58-28	SP	2013	4044	20	17714		1
	FEDERAL AID CHIP SEAL		32.0		CRS2P	41	2016	209		21415		1

ENGLISH

D	Hwy	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	200	E		192.873	0.0000	197.047	0.0000	4.1791	4.0	24.0	4.0	6.0	6.0	48.0	32.0	100	510 2023	74	35	17	2022	FLEX	ASPHT	RSC	1	1990	2005	2021	F CHIP SEAL																																																
JCT 83 E TO 4 MI CORNER E UNDERWOOD																		2015	DIST 84	RIDE 3.21	PRPI	POOR	IRI 97	2016	DIST 86	RIDE 2.55	PRPI	POOR	IRI 133	2017	DIST 86	RIDE 2.64	PRPI	POOR	IRI 131	2018	DIST 94	RIDE 2.18	PRPI	POOR	IRI 153	2019	DIST 89	RIDE 2.35	PRPI	POOR	IRI 153	2020	DIST 90	RIDE 2.35	PRPI	POOR	IRI 142	2021	DIST 84	RIDE 2.28	PRPI	POOR	IRI 152	2022	DIST 99	RIDE 3.62	PRPI	GOOD	IRI 80	2023	DIST 99	RIDE 3.62	PRPI	GOOD	IRI 83	2024	DIST 93	RIDE 3.54	PRPI	GOOD	IRI 83

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
192	2.34	95	0.16	141.00	POOR	N/A	N/A	0	0	0	4	0	0	0	0
193	4.02	94	0.11	60.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
194	3.88	94	0.13	67.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
195	3.88	94	0.14	67.00	GOOD	N/A	N/A	0	0	0	5	0	0	0	0
196	3.58	90	0.13	80.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0
AVG	3.54	93	0.13	83.00	GOOD	N/A	N/A	1	0	0	5	0	0	0	0

11 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSBL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	6.0	AGGREGATE BASE	48.0	43.0				1989	731				
	3.5	RECYCLED HOT BIT PAVMNT	27.0			200-300		1990	864	20			
	3.5	SALVAGED AGGR BASE	4.5	4.5				1990					
		CONTRACT SAND SEAL	27.0			HFMS-2		1991	31				
		CONTRACT CHIP SEAL	24.0			MC-3000	43	1997	43		1477	1	
	1.5	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2005	254	10	15901	1	
		FEDERAL AID CHIP SEAL	3.0	24.0	3.0	CRS2P	41	2007	98		16905	1	
	-1.0	MILLING		33.5				2021			22865	1	
	2.0	RAP-SUPERPAVE FAA 43		32.0		PG 58S28	SP	2021	523	7	22865	1	
		FEDERAL AID CHIP SEAL		32.0		CRS2P	41	2022	234		23449	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	200	E		197.047	0.0000	205.797	0.0000	8.6882	4.0	24.0	4.0	6.0	6.0	48.0	32.0	160	830 2023	118	35	17	2022	FLEX	ASPHT	RSC	1	1990	2005	2021	F CHIP SEAL
4 MI COR E UNDERWOOD E TO W JCT 41																		2015	DIST 84	RIDE 3.50	PRPI	FAIR	IRI 83						
																		2016	DIST 84	RIDE 3.27	PRPI	GOOD	IRI 94						
																		2017	DIST 84	RIDE 3.19	PRPI	GOOD	IRI 98						
																		2018	DIST 94	RIDE 2.78	PRPI	GOOD	IRI 118						
																		2019	DIST 90	RIDE 3.03	PRPI	GOOD	IRI 106						
																		2020	DIST 90	RIDE 2.75	PRPI	POOR	IRI 120						
																		2021	DIST 84	RIDE 2.79	PRPI	GOOD	IRI 117						
																		2022	DIST 99	RIDE 4.20	PRPI	GOOD	IRI 52						
																		2023	DIST 99	RIDE 4.33	PRPI	GOOD	IRI 46						
																		2024	DIST 90	RIDE 4.01	PRPI	GOOD	IRI 60						

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
197	3.92	89	0.12	64.00	GOOD	N/A	N/A	3	0	7	0	0	0
198	3.93	92	0.12	64.00	GOOD	N/A	N/A	0	0	7	0	0	0
199	4.10	88	0.12	56.00	GOOD	N/A	N/A	3	0	1	7	0	0
200	4.20	88	0.14	52.00	GOOD	N/A	N/A	3	0	1	7	0	0
201	4.04	88	0.14	59.00	GOOD	N/A	N/A	3	0	1	7	0	0
202	3.89	92	0.12	66.00	GOOD	N/A	N/A	0	0	7	0	0	0
203	3.94	92	0.13	64.00	GOOD	N/A	N/A	0	0	7	0	0	0
204	4.02	92	0.12	60.00	GOOD	N/A	N/A	0	0	1	6	0	0
205	4.02	90	0.13	60.00	GOOD	N/A	N/A	3	0	6	0	0	0
AVG	4.01	90	0.13	60.56	GOOD	N/A	N/A	2	0	7	0	0	0

11 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	6.0	AGGREGATE BASE		48.0				1989	1514				
	3.5	RECYCLED HOT BIT PAVMNT		27.0		200-300		1990		20			
	3.5	SALVAGED AGGR BASE	4.5		4.5			1990					
		CONTRACT SAND SEAL		27.0		HFMS-2		1991	65				
		CONTRACT CHIP SEAL		24.0		MC-3000	43	1997	90		1477	1	
	1.5	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2005	528	10	15901	1	
		FEDERAL AID CHIP SEAL	3.0	24.0	3.0	CRS2P	41	2007	203		16905	1	
	-1.0	MILLING		33.5				2021			22865	1	
	2.0	RAP-SUPERPAVE FAA 43		32.0		PG 58S28	SP	2021	1088	7	22865	1	
		FEDERAL AID CHIP SEAL		32.0		CRS2P	41	2022	486		23449	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	200	E		205.797	0.0000	213.797	0.0000	7.9968	4.0	24.0	4.0	6.5	6.0	48.0	32.0	170	755 2023	104	35	17	2022	FLEX	ASPHT	RSC	1	1990	2005	2021	F CHIP SEAL																																																
W JCT 41 TO E JCT 41-MERCER																		2015	DIST 84	RIDE 3.43	PRPI	FAIR	IRI 87	2016	DIST 84	RIDE 3.18	PRPI	GOOD	IRI 98	2017	DIST 83	RIDE 3.20	PRPI	GOOD	IRI 97	2018	DIST 93	RIDE 2.72	PRPI	POOR	IRI 121	2019	DIST 90	RIDE 3.14	PRPI	GOOD	IRI 100	2020	DIST 87	RIDE 2.72	PRPI	POOR	IRI 121	2021	DIST 85	RIDE 2.87	PRPI	GOOD	IRI 114	2022	DIST 99	RIDE 4.21	PRPI	GOOD	IRI 51	2023	DIST 99	RIDE 4.12	PRPI	GOOD	IRI 55	2024	DIST 92	RIDE 4.04	PRPI	GOOD	IRI 59

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
206	4.00	92	0.14	61.00	GOOD	N/A	N/A	0	0	7	0	0	0
207	4.11	93	0.14	56.00	GOOD	N/A	N/A	0	0	6	0	0	0
208	4.07	93	0.14	58.00	GOOD	N/A	N/A	0	0	6	0	0	0
209	4.03	93	0.14	59.00	GOOD	N/A	N/A	0	0	6	0	0	0
210	4.02	92	0.11	60.00	GOOD	N/A	N/A	0	0	7	0	0	0
211	4.03	93	0.12	59.00	GOOD	N/A	N/A	0	0	6	0	0	0
212	4.06	92	0.11	58.00	GOOD	N/A	N/A	0	1	6	0	0	0
213	3.97	89	0.13	63.00	GOOD	N/A	N/A	3	0	6	0	0	0
AVG	4.04	92	0.13	59.25	GOOD	N/A	N/A	0	0	6	0	0	0

11 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADE		48.0				1990	922				
6.0 AGGREGATE BASE		44.0				1990	276				
4.0 RECYCLED HOT BIT PAVMNT		27.0		200-300		1990	561	20			
3.5 SALVAGED AGGR BASE	4.5		4.5			1990					
CONTRACT SAND SEAL		27.0		HFMS-2		1991	59				
CONTRACT CHIP SEAL		24.0		MC-3000	43	1997	83		1477	1	
1.5 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2005	486	10	15901	1	
FEDERAL AID CHIP SEAL	3.0	24.0	3.0	CRS2P	41	2007	187		16905	1	
-1.0 MILLING		33.5				2021			22865	1	
2.0 RAP-SUPERPAVE FAA 43		32.0		PG 58S28	SP	2021	1001	7	22865	1	
FEDERAL AID CHIP SEAL		32.0		CRS2P	41	2022	447		23449	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	E		213.797	0.0000	227.000	0.0175	13.1973	2.0	24.0	2.0	8.2	7.0	39.8	28.0	154	648 2023	101	35	17	2020	FLEX	ASPHT	RSC	1	1990	2006	2018	C CHIP SEAL																																																																														
E JCT 41-MERCER-E TO MCCLUSKY																		2015	DIST	84	RIDE	3.48	PRPI	FAIR	IRI	84	2016	DIST	82	RIDE	3.19	PRPI	GOOD	IRI	98	2017	DIST	82	RIDE	3.26	PRPI	GOOD	IRI	94	2018	DIST	91	RIDE	2.73	PRPI	POOR	IRI	120	2019	DIST	97	RIDE	4.66	PRPI	EXCL	IRI	31	2020	DIST	93	RIDE	4.55	PRPI	GOOD	IRI	36	2021	DIST	93	RIDE	4.41	PRPI	GOOD	IRI	43	2022	DIST	93	RIDE	4.35	PRPI	GOOD	IRI	45	2023	DIST	93	RIDE	4.38	PRPI	GOOD	IRI	44	2024	DIST	88	RIDE	4.16	PRPI	GOOD	IRI	53

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT									
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT						
214	4.41	89	0.15	43.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
215	4.19	87	0.13	53.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0
216	4.29	89	0.14	48.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
217	4.35	88	0.16	46.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
218	4.21	89	0.19	51.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
219	4.17	88	0.17	54.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
220	4.16	88	0.15	54.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
221	4.21	89	0.17	52.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
222	4.07	88	0.14	58.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
223	4.01	89	0.14	61.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
224	4.00	88	0.14	61.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0
225	4.03	89	0.13	59.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0
226	3.99	89	0.14	61.00	GOOD	N/A	N/A	3	0	2	5	0	0	0	0
AVG	4.16	88	0.15	53.92	GOOD	N/A	N/A	3	0	1	7	0	0	0	0

16 OCCURS		LSHL WDTN	RDWY WDTN	RSHL WDTN	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)	COMPONENTS	(FT)	(FT)	(FT)								
	GRADE		32.0				1952	248				
	5.0 AGGREGATE BASE		29.0				1954					
	2.0 STABILIZED BASE		28.0				1954					
	2.5 HOT BIT PAVEMENT		24.0		120-150		1954	211	20			
	DRIVE SLOPE FLATTENING						1990	36				
	-.8 MILLING		24.0				1990					
	3.0 HOT BIT PAVEMENT		24.0		120-150		1990	579	20			
	CONTRACT SAND SEAL		24.0		HFMS-2		1993					
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2000	104				
	1.5 HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	902	7	16306	1	
	SLURRY SEAL		24.0		SS		2009	440		17413	1	
	-1.0 MILLING		24.5				2018	3884		21510	1	
	WIDENING		3.9		3.9		2018			21510	1	
	12.0 AGGREGATE BASE		3.0		3.0		2018			21510	1	
	3.0 HBP-SUPERPAVE-FAA 42		2.0	24.0	2.0	PG 58-28	SP	2018	10	21510	1	
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2020	325		22710	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	200	E		227.000	0.0175	227.000	0.3970	0.3795	8.5	24.0	8.5	5.0	9.0	45.0	41.0	165	785 2022	101	35	20	2020	FLEX	ASPHT	RSC	1	1990	2006	2018	C CHIP SEAL																																																
MCCLUSKY 44 FT STREET SECTION																		2015	DIST 79	RIDE 2.94	PRPI	FAIR	IRI 110	2016	DIST 79	RIDE 2.65	PRPI	GOOD	IRI 124	2017	DIST 79	RIDE 2.81	PRPI	GOOD	IRI 116	2018	DIST 92	RIDE 3.16	PRPI	GOOD	IRI 100	2019	DIST 95	RIDE 3.46	PRPI	GOOD	IRI 85	2020	DIST 88	RIDE 3.92	PRPI	GOOD	IRI 65	2021	DIST 88	RIDE 3.00	PRPI	GOOD	IRI 108	2022	DIST 88	RIDE 3.76	PRPI	GOOD	IRI 72	2023	DIST 90	RIDE 2.76	PRPI	GOOD	IRI 119	2024	DIST 88	RIDE 3.50	PRPI	GOOD	IRI 84

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE, DISTRESS & RUT									
								BLD	LC	TC	BC	RW	BP	RT			
227	3.50	88	0.13	84.00	GOOD	N/A	N/A	3	0	1	5	0	0	2	0		
AVG	3.50	88	0.13	84.00	GOOD	N/A	N/A	3	0	1	5	0	0	2	0		

13 OCCURS		LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN						
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB	H		
	GRADE		44.0				1954		12					
7.0	AGGREGATE BASE		41.0				1954							
2.0	STABILIZED BASE		41.0				1954							
3.5	HOT BIT PAVEMENT		41.0		120-150		1954	13	20					
-2.0	MILLING		41.0				1990							
2.0	HOT BIT PAVEMENT		41.0		120-150		1990		20					
	CONTRACT SAND SEAL		41.0		HFMS-2		1993							
	DISTRICT CHIP SEAL	8.5	24.0	8.5	MC-3000	43	2000	3						
1.5	HOT BIT PAVEMENT		41.0		PG 58-28	27	2006	26	7	16306	1			
	SLURRY SEAL		41.0			SS	2009	13		17413	1			
-2.0	MILLING		41.0				2018	111		21510	1			
2.0	HBP-SUPERPAVE-FAA 42		41.0		PG 58-28	SP	2018	7		21510	1			
	CONTRACT CHIP SEAL		41.0		CRS2P	41	2020	9		22710	1			

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		227.000	0.3970	230.000	0.7970	3.4162	2.0	24.0	2.0	7.7	7.0	39.5	28.0	135	419 2022	88	71	18	2020	FLEX	ASPHT	RSC	1	1954	2006	2017	C CHIP SEAL				
MCCLUSKY EAST																		2015	DIST	84	RIDE	3.32	PRPI	FAIR	IRI	92							
																		2016	DIST	83	RIDE	2.86	PRPI	POOR	IRI	114							
																		2017	DIST	81	RIDE	2.99	PRPI	POOR	IRI	107							
																		2018	DIST	97	RIDE	4.23	PRPI	GOOD	IRI	50							
																		2019	DIST	97	RIDE	4.28	PRPI	GOOD	IRI	48							
																		2020	DIST	95	RIDE	4.15	PRPI	GOOD	IRI	54							
																		2021	DIST	95	RIDE	4.01	PRPI	GOOD	IRI	60							
																		2022	DIST	94	RIDE	4.01	PRPI	GOOD	IRI	60							
																		2023	DIST	95	RIDE	3.98	PRPI	GOOD	IRI	61							
																		2024	DIST	89	RIDE	3.86	PRPI	GOOD	IRI	67							

2000 DISTRICT CHIP SEAL WAS ONLY THE 1ST MILE EAST OF MCCLUSKY.  
2001 PCN 14656 GRADE RAISE, RIPRAP, SURFACING

REF PT	RUT RIDE	DST	IRI (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVG NUM (2024) BLD	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) BC	AVG NUM (2024) RW	AVG NUM (2024) BP	AVG NUM (2024) RT
228	3.92	91	0.10	64.00	GOOD	N/A	N/A	0	0	8	0	0	0	0
229	3.92	88	0.11	65.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
230	3.73	87	0.10	73.00	GOOD	N/A	N/A	3	0	1	8	0	0	0
AVG	3.86	89	0.10	67.33	GOOD	N/A	N/A	2	0	1	8	0	0	0

16 OCCURS	DPNTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1952	51				
	5.0	AGGREGATE BASE		29.0				1954					
	2.0	STABILIZED BASE		28.0				1954					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1954	54	20			
		DRIVE SLOPE FLATTENING						1990	12				
	-.8	MILLING		24.0				1990					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1990	150	13			
		CONTRACT SAND SEAL		24.0		HFMS-2		1993					
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2000	5				
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	233	7	16306	1	
		SLURRY SEAL		24.0			SS	2009	114		17413	1	
		WIDENING	2.8		2.8			2017	845		21507	1	
	-1.0	MILLING		24.0				2017			21507	1	
	12.8	AGGREGATE BASE		2.0	2.0			05	2017		21507	1	
	3.0	HBP-SUPERPAVE-FAA 42		2.0	24.0	2.0	PG 58-28	SP	2017	10	21507	1	
		CONTRACT CHIP SEAL		28.0		CRS2P	41	2020	84		22710	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	200	E		230.000	0.7970	236.225	0.0000	5.4241	2.0	24.0	2.0	7.2	7.0	39.0	28.0	135	415 2022	88	69	18	2020	FLEX	ASPHT	RSC	1	1956	2006	2017	C CHIP SEAL
EAST OF MCCLUSKY TO ND 14																		2015	DIST	84	RIDE	3.40	PRPI	FAIR	IRI	88			
RIPRAP PLACED 3 MILES WEST OF GOODRICH (1997) TOTAL LENGTH 0.1 MILES.																		2016	DIST	80	RIDE	3.22	PRPI	FAIR	IRI	97			
																		2017	DIST	81	RIDE	3.01	PRPI	FAIR	IRI	107			
																		2018	DIST	98	RIDE	4.14	PRPI	GOOD	IRI	54			
																		2019	DIST	96	RIDE	4.32	PRPI	GOOD	IRI	46			
																		2020	DIST	93	RIDE	4.13	PRPI	GOOD	IRI	55			
																		2021	DIST	93	RIDE	4.09	PRPI	GOOD	IRI	56			
																		2022	DIST	93	RIDE	3.96	PRPI	GOOD	IRI	62			
																		2023	DIST	93	RIDE	4.07	PRPI	GOOD	IRI	58			
																		2024	DIST	87	RIDE	3.64	PRPI	GOOD	IRI	77			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	FLT	AC	AVERAGE	BLD	LC	TC	BC	RW	BP	RT	RIDE, DISTRESS & RUT
231	3.74	89	0.12	73.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0	0	0	
232	3.20	84	0.16	98.00	FAIR	N/A	N/A	0	0	0	7	0	0	0	2	6		
233	3.72	88	0.15	74.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0	0		
234	4.04	86	0.16	59.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	2	0		
235	3.65	87	0.17	77.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	2	0		
236	3.51	88	0.15	83.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0	0		
AVG	3.64	87	0.15	77.33	GOOD	N/A	N/A	3	0	1	7	0	0	0	1	1		

18 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1950	82				
5.0	AGGREGATE BASE		34.0				1956					
2.0	STABILIZED BASE		32.0				1956					
2.5	HOT BIT PAVEMENT		24.0		120-150		1956	112	20			
	DRIVE SLOPE FLATTENING						1990	20				
-.8	MILLING		24.0				1990					
2.0	HOT BIT PAVEMENT		24.0		120-150		1990	239	13			
	CONTRACT SAND SEAL		24.0		HFMS-2		1993					
	RIPRAP						1997	18	11629		1	
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	68	12846		1	
	DISTRICT CHIP SEAL		24.0		MC-3000	43	2001	39				
1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	371	7	16306	1	
	SLURRY SEAL		24.0			SS	2009	181	17413		1	
	WIDENING	1.5		1.5			2017	2187	21507		1	
-1.0	MILLING		24.0				2017		21507		1	
12.2	AGGREGATE BASE		2.0	2.0		05	2017		21507		1	
3.0	HBP-SUPERPAVE-FAA 42		2.0	2.0	PG 58-28	SP	2017		10	21507	1	
	CONTRACT CHIP SEAL		28.0		CRS2P	41	2020	134	22710		1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	200	E		236.225	0.0000	249.000	0.0340	12.8096	2.0	24.0	2.0	7.2	7.0	38.4	28.0	105	326 2022	81	69	17	2020	FLEX	ASPHT	RSC	1	1956	2006	2018	C CHIP SEAL	
ND 14 TO COUNTY LINE																														
RIPRAP PLACED 3 MILES WEST OF GOODRICH (1997) TOTAL LENGTH 0.1 MILES.																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT										
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
237	3.81	92	0.14	70.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
238	3.98	89	0.14	62.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0	
239	3.98	93	0.15	62.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0	
240	4.09	91	0.14	57.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0	
241	3.99	89	0.14	61.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0	
242	4.08	90	0.14	57.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0	
243	4.02	91	0.14	60.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0	
244	3.98	92	0.14	62.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
245	3.71	92	0.13	74.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
246	3.89	92	0.13	66.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
247	3.98	92	0.13	62.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
248	3.90	91	0.13	66.00	GOOD	N/A	N/A	0	0	0	8	0	0	0	0	
AVG	3.95	91	0.14	63.25	GOOD	N/A	N/A	1	0	0	7	0	0	0	0	

18 OCCURS	DEPTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1950	194				
	5.0	AGGREGATE BASE		34.0				1956					
	2.0	STABILIZED BASE		32.0				1956					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1956	265	20			
		DRIVE SLOPE FLATTENING						1990	46				
	- .8	MILLING		24.0				1990					
	2.0	HOT BIT PAVEMENT		24.0		120-150		1990	564	13			
		CONTRACT SAND SEAL		24.0		HFMS-2		1993					
		RIPRAP						1997	41		11629		1
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	159		12846		1
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2001	93				
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	876	7	16307		1
		SLURRY SEAL		24.0				2009	427		17413		1
	-1.0	MILLING	2.0	24.0	2.0			2018	4416		21508		1
		WIDENING	1.7		1.7			2018			21508		1
	12.0	AGGREGATE BASE	1.7		1.7			05	2018		21508		1
	3.0	HBP-SUPERPAVE-FAA 43	2.0	24.0	2.0	PG 58-28	SP	2018		10	21508		1
		CONTRACT CHIP SEAL		28.0		CRS2P	41	2020	316		22710		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	E		249.000	0.0340	252.062	0.0000	3.0204	2.0	24.0	2.0	7.7	7.0	38.8	28.0	100	270 2022	77	71	17	2020	FLEX	ASPHT	RSC	1	1954	2006	2018	C CHIP SEAL				
CO LN TO JCT 3 SOUTH																		2015	DIST 84	RIDE 3.51	PRPI	FAIR	IRI 83										
																		2016	DIST 82	RIDE 3.28	PRPI	GOOD	IRI 94										
																		2017	DIST 82	RIDE 3.14	PRPI	FAIR	IRI 100										
																		2018	DIST 99	RIDE 4.49	PRPI	GOOD	IRI 39										
																		2019	DIST 97	RIDE 4.54	PRPI	GOOD	IRI 37										
																		2020	DIST 95	RIDE 4.46	PRPI	GOOD	IRI 40										
																		2021	DIST 95	RIDE 4.30	PRPI	GOOD	IRI 47										
																		2022	DIST 96	RIDE 4.26	PRPI	GOOD	IRI 49										
																		2023	DIST 96	RIDE 4.19	PRPI	GOOD	IRI 52										
																		2024	DIST 89	RIDE 4.11	PRPI	GOOD	IRI 56										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT															
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT												
249	4.03	88	0.12	59.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0						
250	4.13	89	0.12	55.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0						
251	4.18	87	0.14	53.00	GOOD	N/A	N/A	3	0	1	8	0	0	0	0						
252	4.09	92	0.13	57.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0						
AVG	4.11	89	0.13	56.00	GOOD	N/A	N/A	2	0	1	7	0	0	0	0						

17 OCCURS	DPATH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		32.0				1949	40				
	5.0	AGGREGATE BASE		29.0				1954					
	2.0	STABILIZED BASE		28.0				1954					
	2.5	HOT BIT PAVEMENT		24.0		150-200		1954	53	20			
		DRIVE SLOPE FLATTENING						1990	11				
	-.8	MILLING		24.0				1990					
	2.5	HOT BIT PAVEMENT		24.0		120-150		1990	133	13			
		CONTRACT SAND SEAL		24.0		HFMS-2		1993					
		INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	38		12846	1	
		DISTRICT CHIP SEAL		24.0		MC-3000	43	2001	23				
	1.5	HOT BIT PAVEMENT		24.0		PG 58-28	27	2006	207	7	16307	1	
		SLURRY SEAL		24.0		SS		2009	101		17413	1	
	-1.0	MILLING		24.0				2018	1044		21508	1	
		WIDENING		3.4		3.4		2018			21508	1	
	12.0	AGGREGATE BASE		3.0		3.0		2018			21508	1	
	3.0	HBP-SUPERPAVE-FAA 43		2.0	24.0	2.0	PG 58-28	SP	2018	10	21508	1	
		CONTRACT CHIP SEAL		28.0		CRS2P	41	2020	75		22710	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	A	E	900.000	0.0000	901.000	0.5000	1.5019	8.0	24.0	8.0	6.5	7.0	36.0	40.0	305	1855 2023	156	12	12	2023	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																																																																														
JCT 200 EAST 1.5 MILES																		2015	DIST	89	RIDE	4.13	PRPI	GOOD	IRI	55	2016	DIST	89	RIDE	3.91	PRPI	GOOD	IRI	65	2017	DIST	89	RIDE	4.00	PRPI	GOOD	IRI	61	2018	DIST	94	RIDE	3.83	PRPI	GOOD	IRI	69	2019	DIST	90	RIDE	4.01	PRPI	GOOD	IRI	60	2020	DIST	87	RIDE	3.77	PRPI	GOOD	IRI	71	2021	DIST	87	RIDE	3.99	PRPI	GOOD	IRI	62	2022	DIST	86	RIDE	3.56	PRPI	GOOD	IRI	81	2023	DIST	78	RIDE	3.81	PRPI	GOOD	IRI	70	2024	DIST	86	RIDE	3.56	PRPI	GOOD	IRI	81

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT BP	RT	
900	3.46	86	0.28	85.00	GOOD	N/A	N/A	3	0	1	3	0	0	6
901	3.65	86	0.27	77.00	GOOD	N/A	N/A	3	0	1	3	0	0	6
AVG	3.56	86	0.28	81.00	GOOD	N/A	N/A	3	0	1	3	0	0	6

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		36.0				1947	16				
5.0	AGGREGATE BASE		34.0				1948					
2.0	STABILIZED BASE		32.0				1948					
2.5	HOT BIT PAVEMENT		22.0		120-150		1948	31	20			
1.5	HOT BIT PAVEMENT		24.0		120-150		1978	58	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	11				
	INT CONT PATCH-1.5"		24.0		PG 58-28	29	2010			18704		1
	WIDENING	11.0		11.0			2013			16163		1
12.0	SALVAGED BIT BASE	11.0		11.0			2013			16163		1
2.5	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	PG 64-28	SP	2013	1865	20	16163		1
	FEDERAL AID CHIP SEAL		40.0		CRS2P	41	2016	51		21417		1
	FEDERAL AID CHIP SEAL		25.0		CRS2P	11	2023	77		23839		1
	FEDERAL AID SAND SEAL	7.5		7.5	CRS2P	45	2023			23839		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	A	E	901.000	0.5000	902.000	0.1910	0.6885	8.0	24.0	8.0	6.0	9.0	44.0	40.0	305	1855 2023	156	12	12	2023	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																																																																														
1.5 MI E JCT 200 E 0.7 MI																		2015	DIST	85	RIDE	4.28	PRPI	GOOD	IRI	48	2016	DIST	85	RIDE	3.90	PRPI	GOOD	IRI	65	2017	DIST	85	RIDE	4.15	PRPI	GOOD	IRI	54	2018	DIST	92	RIDE	3.79	PRPI	GOOD	IRI	71	2019	DIST	92	RIDE	4.19	PRPI	GOOD	IRI	53	2020	DIST	87	RIDE	3.88	PRPI	GOOD	IRI	67	2021	DIST	86	RIDE	4.08	PRPI	GOOD	IRI	58	2022	DIST	86	RIDE	3.69	PRPI	GOOD	IRI	75	2023	DIST	86	RIDE	3.72	PRPI	GOOD	IRI	73	2024	DIST	78	RIDE	3.69	PRPI	GOOD	IRI	75

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
902	3.69	78	0.29	75.00	GOOD	N/A	N/A	3	0	1	3	0	0	14
AVG	3.69	78	0.29	75.00	GOOD	N/A	N/A	3	0	1	3	0	0	14

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		44.0				1966	20				
5.0	AGGREGATE BASE		40.0				1966					
4.0	BITUMINOUS BASE		36.0		SM-K		1966					
2.0	COLD BITUMINOUS PAVEMENT		24.0		SM-K		1966	38	20			
1.5	HOT BIT PAVEMENT		24.0		120-150		1978	27	20			
	CONTRACT CHIP SEAL		24.0		HFMS-2		1989	5				
	INT CONT PATCH-1.5"		24.0		PG 58-28	29	2010			18704		1
	WIDENING	11.0		11.0			2013			16163		1
12.0	SALVAGED BIT BASE	11.0		11.0			2013			16163		1
2.5	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	PG 64-28	SP	2013	855	20	16163		1
	FEDERAL AID CHIP SEAL		40.0		CRS2P	41	2016	23		21417		1
	FEDERAL AID CHIP SEAL		25.0		CRS2P	11	2023	36		23839		1
	FEDERAL AID SAND SEAL	7.5		7.5	CRS2P	45	2023			23839		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	A	E	902.000	0.1910	902.991	0.0000	0.8010	8.0	24.0	8.0	6.5	7.0	36.0	40.0	305	1855 2023	238	12	12	2023	FLEX	ASPHT	RSC	1	2013	2013	2013	F CHIP SEAL																																																																														
2.2 MI E JCT 200 E TO W JCT 31																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A	2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

13 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		36.0				1947	12				
	5.0	AGGREGATE BASE		34.0				1948					
	2.0	STABILIZED BASE		32.0				1948					
	2.5	HOT BIT PAVEMENT		22.0		120-150		1948	16	20			
	1.5	HOT BIT PAVEMENT		24.0		120-150		1978	31	20			
		CONTRACT CHIP SEAL		24.0		HFMS-2		1989	6				
		INT CONT PATCH-1.5"		24.0		PG 58-28	29	2010			18704		1
		WIDENING	11.0		11.0			2013			16163		1
	12.0	SALVAGED BIT BASE	11.0		11.0			2013			16163		1
	2.5	HBP-SUPERPAVE-FAA 45	8.0	24.0	8.0	PG 64-28	SP	2013	995	20	16163		1
		FEDERAL AID CHIP SEAL		40.0		CRS2P	41	2016	27		21417		1
		FEDERAL AID CHIP SEAL		25.0		CRS2P	11	2023	41		23839		1
		FEDERAL AID SAND SEAL	7.5		7.5	CRS2P	45	2023			23839		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	200	A	E	902.991	0.0000	904.857	0.0000	1.8677	8.0	24.0	8.0	8.5	7.0	48.0	40.0	205	1435 2023	139	20	20	2021	FLEX	ASPHT	RSC	1	2005	2005	2005	F	CHIP SEAL																																															
W JCT 31 TO EAST JCT 31																		2015	DIST 87	RIDE 3.87	PRPI	GOOD	IRI 67	2016	DIST 95	RIDE 3.85	PRPI	GOOD	IRI 67	2017	DIST 95	RIDE 3.65	PRPI	GOOD	IRI 77	2018	DIST 88	RIDE 3.68	PRPI	GOOD	IRI 76	2019	DIST 90	RIDE 3.68	PRPI	GOOD	IRI 75	2020	DIST 84	RIDE 3.69	PRPI	GOOD	IRI 75	2021	DIST 85	RIDE 3.58	PRPI	GOOD	IRI 80	2022	DIST 85	RIDE 3.47	PRPI	GOOD	IRI 85	2023	DIST 87	RIDE 3.34	PRPI	GOOD	IRI 91	2024	DIST 85	RIDE 3.37	PRPI	GOOD	IRI 90

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP		
903	3.38	85	0.27	89.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
904	3.35	85	0.26	91.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
AVG	3.37	85	0.27	90.00	GOOD	N/A	N/A	3	0	1	4	0	0	6

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		28.0				1947	20				
5.0	AGGREGATE BASE		25.0				1948					
2.0	STABILIZED BASE		24.0				1948					
2.0	HOT BIT PAVEMENT WIDENING		22.0	120-150			1948	24	20			
			48.0				1969	5				
1.5	HOT BIT PAVEMENT CONTRACT CHIP SEAL		44.0	SC-3000			1971	40	20			
			26.0	MC-3000			1984	18				
	MAINTENANCE GRAVEL SEAL	10.0	24.0	10.0	MC-3000	43	1998	10				
3.0	HOT BIT PAVEMENT FEDERAL AID CHIP SEAL	8.0	24.0	8.0	PG 58-28	29	2005	351	20	15646		1
			24.0		CRS2P	41	2008	61		17216		1
	FEDERAL AID CHIP SEAL		8.0	8.0	CRS2P	45	2008			17216		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	60		23039		1
	FEDERAL AID SAND SEAL		7.1	7.1	CRS2P	45	2021			23039		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																						
1	200	A	E	904.857	0.0000	908.000	0.6570	3.7945	8.0	24.0	8.0	7.5		48.0	40.0	217	1347 2023	147	20	20	2021	FLEX	ASPHT	RSC	1	2005	2005	2005	F	CHIP SEAL																					
EAST JCT 31 E TO POZ-0-PAC SECTION																		2015	DIST	85	RIDE	3.78	PRPI	GOOD	IRI	71																									
																		2016	DIST	87	RIDE	3.75	PRPI	GOOD	IRI	72																									
																		2017	DIST	91	RIDE	3.61	PRPI	GOOD	IRI	78																									
																		2018	DIST	87	RIDE	3.59	PRPI	GOOD	IRI	79																									
																		2019	DIST	90	RIDE	3.58	PRPI	GOOD	IRI	80																									
																		2020	DIST	85	RIDE	3.56	PRPI	GOOD	IRI	80																									
																		2021	DIST	87	RIDE	3.45	PRPI	GOOD	IRI	86																									
																		2022	DIST	85	RIDE	3.40	PRPI	GOOD	IRI	88																									
																		2023	DIST	87	RIDE	3.23	PRPI	GOOD	IRI	96																									
																		2024	DIST	82	RIDE	3.25	PRPI	GOOD	IRI	95																									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
905	3.43	85	0.27	87.00	GOOD	N/A	N/A	3	0	1	4	0	0	6
906	3.13	77	0.32	101.00	POOR	N/A	N/A	3	0	1	4	0	0	14
907	3.06	85	0.31	105.00	POOR	N/A	N/A	3	0	1	4	0	0	6
908	3.38	80	0.29	89.00	GOOD	N/A	N/A	6	0	1	4	0	2	6
AVG	3.25	82	0.30	95.50	GOOD	N/A	N/A	4	0	1	4	0	1	8

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	HOT BIT PAVEMENT	44.0			SC-3000		1971	141	20			
	BITUMINOUS BASE				RC-800		1971					
	CONTRACT CHIP SEAL	26.0			MC-3000		1984	36				
	INT CONT PATCH-1.0"	24.0			120-150		1992	21				
	INT CONT PATCH-1.25"	25.0			120-150	27	1997	40		1481	1	
	MAINTENANCE GRAVEL SEAL	10.0	24.0	10.0	MC-3000	43	1998	20				
2.5	HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-28	29	2005	714	20	15646	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2008	125		17216	1	
	FEDERAL AID CHIP SEAL	8.0		8.0	CRS2P	45	2008			17216	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	121		23039	1	
	FEDERAL AID SAND SEAL	7.1		7.1	CRS2P	45	2021			23039	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	200	A	E	908.000	0.6570	909.000	0.2130	0.5608	8.0	24.0	8.0	4.0	6.0	48.0	40.0	218	1394 2023	147	20	20	2021	FLEX	ASPHT	RSC	1	2005	2005	2005	F CHIP SEAL				
POZ-0-PAC SECTION E 0.6 MI																		2015	DIST	89	RIDE	3.00	PRPI	GOOD	IRI	108							
																		2016	DIST	84	RIDE	3.18	PRPI	GOOD	IRI	98							
																		2017	DIST	83	RIDE	3.56	PRPI	GOOD	IRI	81							
																		2018	DIST	82	RIDE	3.56	PRPI	GOOD	IRI	81							
																		2019	DIST	81	RIDE	3.46	PRPI	GOOD	IRI	86							
																		2020	DIST	79	RIDE	3.47	PRPI	GOOD	IRI	85							
																		2021	DIST	79	RIDE	3.28	PRPI	GOOD	IRI	94							
																		2022	DIST	79	RIDE	3.30	PRPI	GOOD	IRI	93							
																		2023	DIST	81	RIDE	3.08	PRPI	GOOD	IRI	103							
																		2024	DIST	80	RIDE	3.19	PRPI	GOOD	IRI	98							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT	
909	3.19	80	0.22	98.00	GOOD	N/A	N/A	3	0	1	3	0	6	6
AVG	3.19	80	0.22	98.00	GOOD	N/A	N/A	3	0	1	3	0	6	6

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	POZ-0-PAC GRADE		48.0				1970	78				
1.5	HOT BIT PAVEMENT		44.0		SC-3000		1971	49	20			
	CONTRACT CHIP SEAL		26.0		MC-3000		1984	6				
	INT CONT PATCH-1.0"		24.0		120-150		1992	3				
	INT CONT PATCH-1.25"		25.0		120-150	27	1997	6		1481	1	
	MAINTENANCE GRAVEL SEAL	10.0	24.0	10.0	MC-3000	43	1998	3				
2.5	HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-28	29	2005	106	20	15646	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2008	18		17216	1	
	FEDERAL AID CHIP SEAL		8.0	8.0	CRS2P	45	2008			17216	1	
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	18		23039	1	
	FEDERAL AID SAND SEAL	7.1		7.1	CRS2P	45	2021			23039	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	200	A	E	909.000	0.2130	924.000	0.6220	15.3955	8.0	24.0	8.0	8.0		48.0	40.0	242	1381 2023	147	20	20	2021	FLEX	ASPHT	RSC	1	2005	2005	2005	F CHIP SEAL																				
POZ-0-PAC SEC E TO WASHBURN BRIDGE																		2015	DIST	81	RIDE	3.21	PRPI	GOOD	IRI	97																							
2016 PCN 19329 - SLOPE STABILIZATION STATION 201+50 TO 225+00																		2016	DIST	87	RIDE	3.12	PRPI	GOOD	IRI	101																							
																		2017	DIST	84	RIDE	3.29	PRPI	GOOD	IRI	94																							
																		2018	DIST	87	RIDE	3.21	PRPI	GOOD	IRI	97																							
																		2019	DIST	84	RIDE	3.15	PRPI	GOOD	IRI	101																							
																		2020	DIST	91	RIDE	4.07	PRPI	GOOD	IRI	57																							
																		2021	DIST	90	RIDE	4.03	PRPI	GOOD	IRI	59																							
																		2022	DIST	90	RIDE	3.90	PRPI	GOOD	IRI	65																							
																		2023	DIST	87	RIDE	3.82	PRPI	GOOD	IRI	68																							
																		2024	DIST	86	RIDE	3.76	PRPI	GOOD	IRI	71																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
910	3.85	85	0.12	67.00	GOOD	N/A	N/A	3	0	1	4	0	0	6	0
911	4.02	89	0.18	60.00	GOOD	N/A	N/A	0	0	0	4	0	0	6	0
912	3.60	86	0.16	79.00	GOOD	N/A	N/A	3	0	0	4	0	0	6	0
913	3.70	86	0.15	74.00	GOOD	N/A	N/A	3	0	1	3	0	0	6	0
914	3.90	86	0.14	66.00	GOOD	N/A	N/A	3	0	1	3	0	0	6	0
915	3.68	85	0.17	75.00	GOOD	N/A	N/A	3	0	1	4	0	0	6	0
916	3.85	85	0.14	67.00	GOOD	N/A	N/A	3	0	0	5	0	0	6	0
917	3.70	85	0.16	74.00	GOOD	N/A	N/A	3	0	1	4	0	0	6	0
918	4.06	86	0.12	59.00	GOOD	N/A	N/A	3	0	0	4	0	0	6	0
919	3.91	86	0.12	65.00	GOOD	N/A	N/A	3	0	0	4	0	0	6	0
920	3.80	85	0.18	70.00	GOOD	N/A	N/A	3	0	0	5	0	0	6	0
921	3.61	84	0.16	78.00	GOOD	N/A	N/A	3	0	2	4	0	0	6	0
922	3.44	86	0.15	87.00	GOOD	N/A	N/A	3	0	1	3	0	0	6	0
923	3.59	86	0.15	79.00	GOOD	N/A	N/A	3	0	0	4	0	0	6	0
924	3.74	90	0.15	73.00	GOOD	N/A	N/A	0	0	0	3	0	0	6	0
AVG	3.76	86	0.15	71.53	GOOD	N/A	N/A	3	0	1	4	0	0	6	0

15 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
5.0	HOT BIT PAVEMENT	48.0			SC-3000		1970	1214				
	INT CONT PATCH-1.0"	44.0			120-150		1971	579	20			
	DISTRICT CHIP SEAL	24.0			MC-3000		1992	85				
	INT CONT PATCH-1.25"	24.0			120-150		1993	57				
	DRIVE SLOPE FLATTENING	24.0					1994	109				
	INT CONT PATCH-1.25"	25.0			120-150	27	1995	192				
	MAINTENANCE GRAVEL SEAL	10.0	24.0	10.0	MC-3000	43	1997	162		1481	1	
3.0	HOT BIT PAVEMENT	8.0	24.0	8.0	PG 58-28	29	2005	2897	20	15646	1	
	FEDERAL AID CHIP SEAL	24.0			CRS2P	41	2008	506		17216	1	
	FEDERAL AID CHIP SEAL	8.0		8.0	CRS2P	45	2008			17216	1	
	INT CONT PATCH-2.0"	7.0	24.0	7.0	PG 58-28	SP	2016			20967	1	
	INT CONT PATCH-2.0"	7.0	24.0	7.0	PG 58S28	SP	2020			22464	1	
	FEDERAL AID CHIP SEAL	24.0			CRS2P	41	2021	492		23039	1	
	FEDERAL AID SAND SEAL	7.1		7.1	CRS2P	45	2021			23039	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	200	A	E	924.000	0.6220	925.654	0.0000	1.0336	8.0	36.0	8.0	6.0	4.0	60.0	52.0	341	1874 2023	249	20	20	2021	FLEX	ASPHT	RSC	1	2005	2005	2005	F CHIP SEAL																																																																														
WASHBURN BRIDGE TO JCT 83 (SPUR)																		2015	DIST	85	RIDE	2.58	PRPI	POOR	IRI	128	2016	DIST	82	RIDE	2.05	PRPI	POOR	IRI	157	2017	DIST	82	RIDE	3.05	PRPI	GOOD	IRI	105	2018	DIST	88	RIDE	2.76	PRPI	POOR	IRI	119	2019	DIST	87	RIDE	3.07	PRPI	GOOD	IRI	104	2020	DIST	87	RIDE	3.14	PRPI	GOOD	IRI	101	2021	DIST	86	RIDE	3.28	PRPI	GOOD	IRI	94	2022	DIST	86	RIDE	2.93	PRPI	POOR	IRI	110	2023	DIST	85	RIDE	2.84	PRPI	POOR	IRI	115	2024	DIST	78	RIDE	2.80	PRPI	POOR	IRI	117

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
925	2.80	78	0.17	117.00	POOR	N/A	N/A	3	0	1	5	0	6	6
AVG	2.80	78	0.17	117.00	POOR	N/A	N/A	3	0	1	5	0	6	6

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	BITUMINOUS BASE GRADE		56.0				1969	48				
1.5	HOT BIT PAVEMENT		52.0				1969	6				
1.5	HOT BIT PAVEMENT		42.0		120-150		1971					
1.5	HOT BIT PAVEMENT		40.0		120-150		1971	18	20			
	CONTRACT CHIP SEAL		38.0		MC-3000		1984	9				
	INT CONT PATCH-1.0"		12.0		120-150		1992	6				
	INT CONT PATCH-1.25"		25.0		120-150	27	1997	11		1481		1
	RAIL RETROFIT						2002	1262		14427		1
3.0	HOT BIT PAVEMENT	8.0	36.0	8.0	PG 58-28	29	2005	194	20	15646		1
	FEDERAL AID CHIP SEAL		36.0		CRS2P	41	2008	34		17216		1
	FEDERAL AID CHIP SEAL	8.0		8.0	CRS2P	45	2008			17216		1
	INT CONT PATCH-2.0"	7.0	24.0	7.0	PG 58S28	SP	2020			22464		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2021	33		23039		1
	FEDERAL AID SAND SEAL	7.1		7.1	CRS2P	45	2021			23039		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	LAST PAV AGE	EFF YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	200	A	E	925.654	0.0000	936.383	0.0000	10.7242	5.5	24.0	5.5	3.5	7.0	42.0	35.0	80	538 2023	47	77	77	2021	FLEX	ASPHT	RCL	3	1948	1948	1948	F CHIP SEAL						
WASHBURN N TO JCT 200																				PCN 22464 HMA PATCHING ENDED AT RP 928.780 ON THIS SEGMENT IN YR 2020										2015	DIST 81	RIDE 3.10	PRPI	FAIR	IRI 103
																				2016	DIST 84	RIDE 2.81	PRPI	FAIR	IRI 117										
																				2017	DIST 82	RIDE 3.00	PRPI	FAIR	IRI 107										
																				2018	DIST 91	RIDE 2.64	PRPI	POOR	IRI 127										
																				2019	DIST 88	RIDE 2.88	PRPI	FAIR	IRI 114										
																				2020	DIST 86	RIDE 2.82	PRPI	FAIR	IRI 119										
																				2021	DIST 84	RIDE 2.78	PRPI	FAIR	IRI 120										
																				2022	DIST 86	RIDE 2.95	PRPI	FAIR	IRI 111										
																				2023	DIST 86	RIDE 2.95	PRPI	FAIR	IRI 111										
																				2024	DIST 81	RIDE 2.55	PRPI	POOR	IRI 133										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RUT RT		
926	4.11	83	0.14	56.00	GOOD	N/A	N/A	3	0	0	7	0	0	6	0
927	3.81	83	0.14	70.00	GOOD	N/A	N/A	3	0	1	6	0	0	6	0
928	3.87	83	0.13	67.00	GOOD	N/A	N/A	3	0	0	7	0	0	6	0
929	2.21	80	0.14	148.00	POOR	N/A	N/A	9	0	1	7	0	0	2	0
930	2.17	80	0.14	150.00	POOR	N/A	N/A	9	0	1	7	0	0	2	0
931	1.73	70	0.17	176.00	POOR	N/A	N/A	9	0	3	7	0	0	4	6
932	1.61	80	0.16	184.00	POOR	N/A	N/A	9	0	2	6	0	0	2	0
933	2.41	85	0.14	137.00	FAIR	N/A	N/A	6	0	1	7	0	0	0	0
934	2.40	79	0.13	138.00	FAIR	N/A	N/A	6	0	4	8	0	0	2	0
935	2.37	80	0.15	139.00	FAIR	N/A	N/A	9	0	1	7	0	0	2	0
936	1.31	86	0.17	206.00	POOR	N/A	N/A	6	0	1	6	0	0	0	0
AVG	2.55	81	0.15	133.73	POOR	N/A	N/A	7	0	1	7	0	0	3	1

14 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1932					
	WIDENING		42.0				1948	142				
5.0	AGGREGATE BASE		40.0				1948					
2.0	STABILIZED BASE		38.0				1948					
2.5	HOT BIT PAVEMENT		22.0		120-150		1948	209	20			
	DISTRICT CHIP SEAL		22.0		MC-3000		1989	107				
	DISTRICT CHIP SEAL		22.0		MC-3000	43	1997	71				
1.5	HOT BIT PAVEMENT		26.0		PG 58-28	27	2005	691		15304		1
1.5	AGGREGATE BASE	4.5		4.5		04	2005			15304		1
	FEDERAL AID CHIP SEAL		24.0		CRS2P	41	2008			17217		1
	INT CONT PATCH-2.0"		26.0		PG 58-28	SP	2016			20967		1
	INT CONT PATCH-2.0"		26.0		PG 58S28	SP	2020			22464		1
-.5	MICROMILL		26.0				2021			23039		1
	FEDERAL AID CHIP SEAL		26.0		CRS2P	41	2021	342		23039		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	810	E		0.000	0.0000	0.000	0.8460	0.8460	4.0	24.0	10.0	11.0	4.0	50.0	38.0	206	8784 2022	88	15	15	2019	FLEX	ASPHT	UIC	1	2010	2019	2019	SLURRY SEAL
N OF MCKENZIE DR TO MCKENZIE DR																		2015	DIST	88	RIDE	4.09	PRPI	GOOD	IRI	57			
																		2016	DIST	88	RIDE	3.99	PRPI	GOOD	IRI	61			
																		2017	DIST	85	RIDE	3.84	PRPI	GOOD	IRI	68			
																		2018	DIST	87	RIDE	3.81	PRPI	GOOD	IRI	70			
																		2019	DIST	99	RIDE	4.39	PRPI	GOOD	IRI	44			
																		2020	DIST	93	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2021	DIST	91	RIDE	4.00	PRPI	GOOD	IRI	61			
																		2022	DIST	92	RIDE	4.17	PRPI	GOOD	IRI	53			
																		2023	DIST	85	RIDE	4.12	PRPI	GOOD	IRI	55			
																		2024	DIST	90	RIDE	3.99	PRPI	GOOD	IRI	62			

54 FEET CC  
PCN 14669 - 2001 - INTERMITTENT PATCHING FROM 0.533 TO 0.843  
PCN 15517 - YR 2003 - INTERMITTENT PATCHING 1.5" FROM 0.047 TO 0.495

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
0	3.99	90	0.16	62.00	GOOD	N/A	N/A	3	0	2	4	0	0	0
AVG	3.99	90	0.16	62.00	GOOD	N/A	N/A	3	0	2	4	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
2.0	AGGREGATE BASE		46.0				1981					
8.0	HOT BIT PAVEMENT		39.0				1981	144	20			
	MUNICIPAL ITEMS						1986	60				
	INT CONT PATCH-1.25"		37.0		PG 58-28	27	2001	13		14669	1	
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	SP	2010		20	16848	1	
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16848	1	
	MICROSURFACING		24.0	10.0		MC	2010			16848	1	
	FEDERAL AID SAND SEAL	4.0			CRS2P	45	2010			16848	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			22199	1	
-2.0	MILLING		38.0				2019			22199	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	407	7	22199	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			22199	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			22199	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	810	E		0.000	0.8460	2.000	0.1720	1.3207	4.0	24.0	10.0	11.0	4.0	50.0	38.0	215	9285 2022	88	15	15	2019	FLEX	ASPHT	UIC	1	2010	2019	2019	SLURRY SEAL	
BIS-MCKENZIE DR INTR E TO WASH ST																		2015	DIST 78	RIDE 3.45	PRPI	GOOD	IRI 87							
																		2016	DIST 79	RIDE 3.18	PRPI	GOOD	IRI 100							
																		2017	DIST 78	RIDE 3.19	PRPI	GOOD	IRI 98							
																		2018	DIST 80	RIDE 3.05	PRPI	GOOD	IRI 106							
																		2019	DIST 93	RIDE 3.65	PRPI	GOOD	IRI 78							
																		2020	DIST 92	RIDE 3.51	PRPI	GOOD	IRI 85							
																		2021	DIST 92	RIDE 3.43	PRPI	GOOD	IRI 89							
																		2022	DIST 87	RIDE 3.36	PRPI	GOOD	IRI 92							
																		2023	DIST 89	RIDE 3.68	PRPI	GOOD	IRI 75							
																		2024	DIST 89	RIDE 3.60	PRPI	GOOD	IRI 80							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& TC	RUT BC	RT
1	4.16	85	0.18	54.00	GOOD	N/A	N/A	6	0	3	5	0	0
2	3.04	93	0.14	106.00	FAIR	N/A	N/A	3	0	1	2	0	0
AVG	3.60	89	0.16	80.00	GOOD	N/A	N/A	5	0	2	4	0	0

13 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE						1985					
	HOT BIT PAVEMENT						1985		20			
	MUNICIPAL ITEMS						1985	1067				
	CONTRACT SAND SEAL				RC-800		1985					
3.0	HBP-SUPERPAVE-FAA 45	4.0	24.0		PG 64-28	SP	2010		20	16848		1
3.0	HOT BIT PAVEMENT			10.0	PG 58-28	27	2010			16848		1
	MICROSURFACING		24.0		MC	2010				16848		1
	FEDERAL AID SAND SEAL	4.0		10.0	CRS2P	45	2010			16848		1
	CONCRETE PAVEMENT REPAIR		24.0				2019			22199		1
-2.0	MILLING		38.0				2019			22199		1
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	635	7	22199		1
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			22199		1
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			22199		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	810	E		2.000	0.1720	4.000	0.1760	2.0312		24.0	6.0	13.0	2.0	32.0	30.0	299	10151 2022	152	43	15			FLEX	ASPHT	UIC	2	1982	2011	2023	RAP-FAA 45					
BIS EXPRESSWAY (WASH TO 26TH ST)																			2015	DIST 87	RIDE 3.28	PRPI	GOOD	IRI 94											
																			2016	DIST 86	RIDE 3.19	PRPI	GOOD	IRI 99											
																			2017	DIST 78	RIDE 3.19	PRPI	GOOD	IRI 99											
																			2018	DIST 87	RIDE 2.85	PRPI	GOOD	IRI 114											
																			2019	DIST 85	RIDE 3.11	PRPI	GOOD	IRI 102											
																			2020	DIST 85	RIDE 2.96	PRPI	GOOD	IRI 109											
																			2021	DIST 84	RIDE 2.82	PRPI	POOR	IRI 116											
																			2022	DIST 84	RIDE 2.81	PRPI	POOR	IRI 117											
																			2023	DIST 99	RIDE 3.63	PRPI	GOOD	IRI 78											
																			2024	DIST 92	RIDE 3.57	PRPI	GOOD	IRI 80											

STARTING TO SHOW RUTTING BADLY AT STOP AREAS. SOME SETTLEMENT AT DRAINAGE PIPE INSTALLATIONS. SOME RUTTING GOING INTO SUBBASE. RALUMAC TREATMENT IN 1992 FROM AIRPORT ROAD TO WEST OF WASHINGTON STREET.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
3	3.38	92	0.12	89.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
4	3.76	92	0.11	72.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	3.57	92	0.12	80.50	GOOD	N/A	N/A	3	0	1	3	0	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
10.0	HOT BIT PAVEMENT		45.0	30.0			1982	3255				
-1.5	MILLING		24.0				2011	491		17151		1
3.0	HBP-SUPERPAVE-FAA 45		30.0		PG 64-28	SP	2011	829	10	17151		1
	MICROSURFACING		30.0			MC	2014	238		20328		1
-2.0	MILLING		30.0				2023			23207		1
2.0	RAP-SUPERPAVE FAA 45		30.0		PG58H-34	SP	2023	361	7	23207		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LT23 CONS	LTST REHAB						
1	810	E		4.000	0.1760	4.000	0.8880	0.7120	5.3	24.0	8.0	6.0	6.0	42.0	37.3	855	5824 2022	530	40	15		FLEX	ASPHT	UIC	2	1985	2011	2023	RAP-FAA 45						
BIS-26TH ST TO NEAR YEGAN ROAD																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
PCN 14669 - 2001 - INTERMITTENT PATCHING 4.914 TO 5.465																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A									

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		45.0				1985					
	HOT BIT PAVEMENT		30.0				1985	586	20			
	MUNICIPAL ITEMS						1985					
	CONTRACT SAND SEAL				RC-800		1985					
	INT CONT PATCH-1.5"						1993	14				
	INT CONT PATCH-1.25"		30.0		PG 58-28	27	2001	11		14669		1
	-1.5 MILLING		24.0				2011			17151		1
	3.0 HBP-SUPERPAVE-FAA 45		30.0		PG 64-28	SP	2011	291	10	17151		1
	MICROSURFACING		30.0			MC	2014	83		20328		1
	-2.0 MILLING		32.0				2023			23207		1
	2.0 RAP-SUPERPAVE FAA 45		32.0		PG58H-34	SP	2023	528	7	23207		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	810	E		4.000	0.8880	5.741	0.0000	0.8776	5.3	24.0	8.0	6.0	6.0	42.0	37.3	896	6391 2022	373	40	15		FLEX	ASPHT	UIC	2	1985	2011	2023	RAP-FAA 45				
BIS-NEAR YEGAN ROAD TO MAIN AVENUE																		2015	DIST	91	RIDE	3.23	PRPI	GOOD	IRI	97							
																		2016	DIST	85	RIDE	3.53	PRPI	GOOD	IRI	83							
																		2017	DIST	82	RIDE	3.48	PRPI	GOOD	IRI	85							
																		2018	DIST	87	RIDE	3.41	PRPI	GOOD	IRI	88							
																		2019	DIST	85	RIDE	3.34	PRPI	GOOD	IRI	91							
																		2020	DIST	84	RIDE	3.36	PRPI	GOOD	IRI	90							
																		2021	DIST	85	RIDE	3.31	PRPI	GOOD	IRI	93							
																		2022	DIST	85	RIDE	3.29	PRPI	GOOD	IRI	94							
																		2023	DIST	99	RIDE	3.92	PRPI	GOOD	IRI	65							
																		2024	DIST	96	RIDE	3.97	PRPI	GOOD	IRI	62							

PCN 14669 - 2001 - INTERMITTENT PATCHING 4.914 TO 5.465

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
5	3.97	96	0.11	62.00	GOOD	N/A	N/A	0	0	0	3	0	0	0
AVG 3.97 96 0.11 62.00 GOOD N/A N/A 0 0 0 3 0 0 0 0														

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
4.0	HOT BIT PAVEMENT		45.0	30.0			1985		20			
	MUNICIPAL ITEMS						1985	722				
	CONTRACT SAND SEAL				RC-800		1985					
	INT CONT PATCH-1.5"						1993	17				
	INT CONT PATCH-1.25"		30.0		PG 58-28	27	2001	14	14669		1	
2.0	HBP-SUPERPAVE-FAA 45		30.0		PG 64-28	SP	2011	358	10	17151	1	
	MICROSURFACING		30.0			MC	2014	103		20328	1	
-2.0	MILLING		32.0				2023			23207	1	
2.0	RAP-SUPERPAVE FAA 45		32.0		PG58H-34	SP	2023	643	7	23207	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	810	W		0.000	0.0000	0.000	0.8460	0.8460	10.0	24.0	4.0	11.0	4.0	50.0	38.0	232	9775 2022	99	15	15	2019	FLEX	ASPHT	UIC	1	2010	2019	2019	SLURRY SEAL
N OF MCKENZIE DR TO MCKENZIE DR																		2015	DIST	85	RIDE	4.07	PRPI	GOOD	IRI	58			
																		2016	DIST	85	RIDE	3.97	PRPI	GOOD	IRI	63			
																		2017	DIST	89	RIDE	3.97	PRPI	GOOD	IRI	63			
																		2018	DIST	88	RIDE	3.87	PRPI	GOOD	IRI	67			
																		2019	DIST	99	RIDE	4.46	PRPI	GOOD	IRI	41			
																		2020	DIST	93	RIDE	4.29	PRPI	GOOD	IRI	48			
																		2021	DIST	97	RIDE	4.10	PRPI	GOOD	IRI	56			
																		2022	DIST	95	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2023	DIST	91	RIDE	4.20	PRPI	GOOD	IRI	52			
																		2024	DIST	91	RIDE	4.09	PRPI	GOOD	IRI	57			

54 FEET CC  
PCN 14669 - 2001 - INTERMITTENT PATCHING 0.533 TO 0.843  
PCN 15517 - YR 2003 - INTERMITTENT PATCHING 1.5" FROM 0.047 TO 0.495

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
0	4.09	91	0.15	57.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
AVG	4.09	91	0.15	57.00	GOOD	N/A	N/A	3	0	3	2	0	0	0

13 OCCURS DPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	RS HL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		48.0				1979					
2.0	AGGREGATE BASE		46.0				1981					
8.0	HOT BIT PAVEMENT		39.0				1981	144	20			
	INT CONT PATCH-1.25"		37.0		PG 58-28	27	2001	13		14669	1	
3.0	HBP-SUPERPAVE-FAA 45		24.0	4.0	PG 64-28	SP	2010		20	16848	1	
3.0	HOT BIT PAVEMENT	10.0			PG 58-28	27	2010			16848	1	
	MICROSURFACING	10.0	24.0			MC	2010			16848	1	
	FEDERAL AID SAND SEAL			4.0	CRS2P	45	2010			16848	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			22199	1	
-2.0	MILLING		38.0				2019			22199	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	407	7	22199	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			22199	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			22199	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	810	W		0.000	0.8460	2.000	0.1720	1.3078	10.0	24.0	4.0	11.0	4.0	50.0	38.0	235	9900 2022	99	15	15	2019	FLEX	ASPHT	UIC	1	2010	2019	2019	SLURRY SEAL
BIS-MCKENZIE DR E TO WASHINGTON ST																		2015	DIST 85	RIDE 3.47	PRPI	GOOD	IRI	86					
EST GRADE YEAR COULD BE FROM 1982 - 1985																		2016	DIST 77	RIDE 3.20	PRPI	GOOD	IRI	99					
PCN 14669 - 2001 - INTERMITTENT PATCHING FROM 4.914 TO 5.465																		2017	DIST 71	RIDE 3.15	PRPI	GOOD	IRI	100					
																		2018	DIST 81	RIDE 3.05	PRPI	GOOD	IRI	106					
																		2019	DIST 93	RIDE 3.66	PRPI	GOOD	IRI	78					
																		2020	DIST 93	RIDE 3.56	PRPI	GOOD	IRI	82					
																		2021	DIST 92	RIDE 3.46	PRPI	GOOD	IRI	87					
																		2022	DIST 90	RIDE 3.37	PRPI	GOOD	IRI	91					
																		2023	DIST 93	RIDE 3.75	PRPI	GOOD	IRI	73					
																		2024	DIST 92	RIDE 3.63	PRPI	GOOD	IRI	78					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
1	4.12	90	0.19	56.00	GOOD	N/A	N/A	3	0	4	2	0	0	0
2	3.14	93	0.13	101.00	GOOD	N/A	N/A	3	0	1	2	0	0	0
AVG 3.63 92 0.16 78.50 GOOD N/A N/A 3 0 3 2 0 0 0 0														

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE						1982					
3.0	HBP-SUPERPAVE-FAA 45		76.0	4.0	PG 58-28	27	2001	20		14669	1	
3.0	HOT BIT PAVEMENT	10.0	24.0		PG 64-28	SP	2010		20	16848	1	
	MICROSURFACING		24.0		PG 58-28	27	2010			16848	1	
	FEDERAL AID SAND SEAL	10.0	24.0	4.0	CRS2P	45	2010			16848	1	
	CONCRETE PAVEMENT REPAIR		24.0				2019			22199	1	
-2.0	MILLING		38.0				2019			22199	1	
2.0	HBP-SUPERPAVE-FAA 45	4.0	24.0	10.0	PG58H28	SP	2019	626	7	22199	1	
	SLURRY SEAL	4.0	24.0	.5	CQS-1H	10	2019			22199	1	
	FEDERAL AID SAND SEAL			9.5	CRS2P	45	2019			22199	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	810	W		2.000	0.1720	4.000	0.8880	2.7440	6.0	24.0		13.0	2.0	32.0	30.0	437	9087 2022	495	43	15		FLEX	ASPHT	UIC	2	1982	2011	2023	RAP-FAA 45
BIS-WASHINGTON ST TO NEAR YEGAN ROAD																		2015	DIST 84	RIDE 3.38	PRPI	GOOD	IRI	89					
																		2016	DIST 80	RIDE 3.32	PRPI	GOOD	IRI	92					
																		2017	DIST 78	RIDE 3.37	PRPI	GOOD	IRI	89					
																		2018	DIST 85	RIDE 3.32	PRPI	GOOD	IRI	92					
																		2019	DIST 86	RIDE 3.38	PRPI	GOOD	IRI	90					
																		2020	DIST 85	RIDE 3.26	PRPI	GOOD	IRI	94					
																		2021	DIST 86	RIDE 3.10	PRPI	GOOD	IRI	103					
																		2022	DIST 85	RIDE 3.05	PRPI	GOOD	IRI	105					
																		2023	DIST 99	RIDE 3.82	PRPI	GOOD	IRI	69					
																		2024	DIST 93	RIDE 3.72	PRPI	GOOD	IRI	74					

EST GRADE YEAR COULD BE FROM 1982 - 1985  
PCN 14669 - 2001 - INTERMITTENT PATCHING FROM 4.914 TO 5.465

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT							
PT						FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
3	3.65	93	0.14	77.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	
4	3.78	93	0.14	71.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	
AVG	3.72	93	0.14	74.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE						1982					
		HOT BIT PAVEMENT		30.0				1982					
		INT CONT PATCH-1.25"		30.0		PG 58-28	27	2001	42		14669	1	
	-1.5	MILLING		24.0				2011			17151	1	
	3.0	HBP-SUPERPAVE-FAA 45		30.0		PG 64-28	SP	2011	1120	10	17151	1	
		MICROSURFACING		30.0			MC	2014	322		20328	1	
	-2.0	MILLING		30.0				2023			23207	1	
	2.0	RAP-SUPERPAVE FAA 45		30.0		PG58H-34	SP	2023	2012	7	23207	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	810	W		4.000	0.8880	5.741	0.0000	0.8643	8.0	24.0	5.3	6.0	6.0	42.0	37.3	855	6258 2022	519	43	15		FLEX	ASPHT	UIC	2	1982	2011	2023	RAP-FAA 45																																																
BIS-NEAR YEGAN ROAD TO MAIN AVENUE																		2015	DIST 85	RIDE 3.13	PRPI	GOOD	IRI 101	2016	DIST 85	RIDE 3.27	PRPI	GOOD	IRI 94	2017	DIST 85	RIDE 3.33	PRPI	GOOD	IRI 92	2018	DIST 86	RIDE 3.18	PRPI	FAIR	IRI 98	2019	DIST 85	RIDE 3.06	PRPI	FAIR	IRI 104	2020	DIST 84	RIDE 3.03	PRPI	FAIR	IRI 106	2021	DIST 81	RIDE 2.89	PRPI	FAIR	IRI 113	2022	DIST 81	RIDE 2.66	PRPI	FAIR	IRI 124	2023	DIST 99	RIDE 3.91	PRPI	GOOD	IRI 65	2024	DIST 92	RIDE 3.87	PRPI	GOOD	IRI 67
																		EST GRADE YEAR COULD BE FROM 1982 - 1985										PCN 14669 - 2001 - INTERMITTENT PATCHING FROM 4.914 TO 5.465																																																	

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	BLD	LC	TC	BC	RW	BP	RT
5	3.87	92	0.13	67.00	GOOD	N/A	N/A	3	0	1	3	0	0
AVG 3.87 92 0.13 67.00 GOOD N/A N/A 3 0 1 3 0 0 0 0													

7 OCCURS													
DPTH (IN)	COMPONENTS	LSHL (FT)	RDWY (FT)	RSHL (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H	
10.0	HOT BIT PAVEMENT		45.0	30.0			1982						
10.0	INT CONT PATCH-1.25"		30.0		PG 58-28	27	2001	13	14669		1		
2.0	HBP-SUPERPAVE-FAA 45		30.0		PG 64-28	SP	2011	353	10	17151	1		
2.0	MICROSURFACING		30.0			MC	2014	101		20328	1		
-2.0	MILLING		32.0				2023			23207	1		
2.0	RAP-SUPERPAVE FAA 45		32.0		PG58H-34	SP	2023		7	23207	1		

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																								
1	1804	N		0.000	0.0000	9.000	0.9200	9.8182	0.5	24.0	0.5	5.0	8.0	36.0	25.0	10	85 2022	3	33	21	2019	FLEX	ASPHT	RCL	3	1992	2017	2017	F CHIP SEAL																								
ST LN N TO NEAR 95TH ST SW																		2015	DIST	73	RIDE	2.72	PRPI	GOOD	IRI	43																											
																		2016	DIST	82	RIDE	2.76	PRPI	GOOD	IRI	43																											
																		2017	DIST	92	RIDE	4.03	PRPI	GOOD	IRI	59																											
																		2018	DIST	95	RIDE	4.01	PRPI	GOOD	IRI	60																											
																		2019	DIST	95	RIDE	3.93	PRPI	GOOD	IRI	64																											
																		2020	DIST	95	RIDE	4.01	PRPI	GOOD	IRI	60																											
																		2021	DIST	94	RIDE	3.88	PRPI	GOOD	IRI	67																											
																		2022	DIST	95	RIDE	3.96	PRPI	GOOD	IRI	62																											
																		2023	DIST	93	RIDE	3.89	PRPI	GOOD	IRI	66																											
																		2024	DIST	90	RIDE	3.85	PRPI	GOOD	IRI	67																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE		RIDE, DISTRESS & RUT						
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT	
0	3.69	88	0.14	75.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0	
1	3.55	90	0.14	81.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0	
2	3.73	90	0.13	73.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0	
3	3.84	90	0.14	68.00	GOOD	N/A	N/A	3	0	1	5	0	0	0	0	
4	3.92	92	0.14	64.00	GOOD	N/A	N/A	0	0	1	6	0	0	0	0	
5	3.54	89	0.14	82.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0	
6	4.03	92	0.14	59.00	GOOD	N/A	N/A	0	0	0	7	0	0	0	0	
7	3.87	93	0.14	67.00	GOOD	N/A	N/A	0	0	0	6	0	0	0	0	
8	4.28	90	0.14	48.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0	
9	4.07	89	0.13	58.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0	
AVG	3.85	90	0.14	67.50	GOOD	N/A	N/A	2	0	1	6	0	0	0	0	

6 OCCURS	LSHL	RDWY	RSHL	OIL/CON	CLS	COST	DSN	PCN	SUB	H
DPTH (IN)	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	THOUS	LFE			
GRADED BY OTHERS		36.0								
8.0 AGGREGATE BASE		30.0								
3.0 HOT BIT PAVEMENT		28.0					20			
CONTRACT CHIP SEAL		28.0								
2.0 HBP-SUPERPAVE-FAA 43	.5	24.0	.5	MC-3000	SP	1995	80			
FEDERAL AID CHIP SEAL		25.0		PG 58-28	SP	2017	1188	7	17719	1
				CRS2P	41	2019	269		22363	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WPTH	FIN WPTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		9.000	0.9200	18.000	0.8550	8.8182	2.0	24.0	2.0	3.0	8.0	36.0	28.0	23	155 2022	3	33	33	2019	FLEX	ASPHT	RCL	3	1992	1992	1992	F CHIP SEAL
NEAR 95TH ST TO 8.0 MI S BEAVER BAY																													
																			2015	DIST	83	RIDE	3.51	PRPI	GOOD	IRI	83		
																			2016	DIST	85	RIDE	4.40	PRPI	GOOD	IRI	43		
																			2017	DIST	82	RIDE	4.34	PRPI	GOOD	IRI	46		
																			2018	DIST	93	RIDE	4.30	PRPI	GOOD	IRI	47		
																			2019	DIST	93	RIDE	4.26	PRPI	GOOD	IRI	49		
																			2020	DIST	93	RIDE	4.32	PRPI	GOOD	IRI	46		
																			2021	DIST	95	RIDE	4.28	PRPI	GOOD	IRI	48		
																			2022	DIST	96	RIDE	4.30	PRPI	GOOD	IRI	47		
																			2023	DIST	92	RIDE	4.24	PRPI	GOOD	IRI	50		
																			2024	DIST	90	RIDE	4.20	PRPI	GOOD	IRI	52		

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)		AVERAGE RIDE, DISTRESS & RUT						
PT						FLT	FLT AC	BLD	LC	TC	BC	RW	BP	RT
10	4.15	93	0.13	55.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
11	4.20	93	0.14	52.00	GOOD	N/A	N/A	0	0	0	6	0	0	0
12	4.43	90	0.13	42.00	GOOD	N/A	N/A	3	0	0	6	0	0	0
13	4.27	90	0.13	49.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
14	4.54	89	0.13	37.00	GOOD	N/A	N/A	3	0	1	6	0	0	0
15	4.34	88	0.14	46.00	GOOD	N/A	N/A	3	0	1	7	0	0	0
16	4.13	93	0.16	55.00	GOOD	N/A	N/A	0	0	1	5	0	0	0
17	3.87	90	0.16	67.00	GOOD	N/A	N/A	3	0	0	6	0	0	0
18	3.90	87	0.19	66.00	GOOD	N/A	N/A	0	0	0	6	0	0	6
AVG	4.20	90	0.15	52.11	GOOD	N/A	N/A	2	0	0	6	0	0	1

5 OCCURS	LSHL WPTH	RDWY WPTH	RSHL WPTH	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS GRADED BY OTHERS		36.0				1990				
8.0 AGGREGATE BASE		30.0				1992				
3.0 HOT BIT PAVEMENT		28.0				1992	20			
CONTRACT CHIP SEAL		28.0		MC-3000		1995	72			
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2019	242	22363	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
1	1804	N		18.000	0.8550	26.000	0.8550	7.8962	1.5	24.0	1.5	4.0	8.0	36.0	27.0	43	280 2022	29	35	23	2019	FLEX	ASPHT	RCL	3	1990	2015	2015	F SAND SEAL																		
BEAVER BAY S APPROX 8 MI (W LINTON)																		2015	DIST 78	RIDE 2.89	PRPI	FAIR	IRI 113																								

MAINTENANCE CHIP SEAL MP 23.4 TO 24.4-COST \$11,650.  
 2001 DISTRICT CHIP SEAL FROM MP 24.328 TO 27.167.  
 2004 DISTRICT CHIP SEAL FROM MP 16 TO 24.300

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT RT
19	4.10	92	0.17	56.00	GOOD	N/A	N/A	0	0	1	6	0
20	3.58	85	0.19	80.00	GOOD	N/A	N/A	3	0	0	5	0
21	4.17	88	0.23	53.00	GOOD	N/A	N/A	0	0	0	5	0
22	3.68	85	0.23	75.00	GOOD	N/A	N/A	3	0	0	5	0
23	4.13	92	0.17	55.00	GOOD	N/A	N/A	3	0	0	4	0
24	3.91	90	0.16	65.00	GOOD	N/A	N/A	3	0	1	5	0
25	4.01	85	0.16	61.00	GOOD	N/A	N/A	3	0	1	4	0
26	3.65	86	0.18	77.00	GOOD	N/A	N/A	3	0	0	4	0
AVG	3.90	88	0.19	65.25	GOOD	N/A	N/A	2	0	0	5	0

7 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
COMPONENTS GRADED BY OTHERS							36.0	1989			
8.0 AGGREGATE BASE							30.0	1990			
2.0 HOT BIT PAVEMENT				120-150			27.0	1990	611	20	
CONTRACT SAND SEAL				HFMS-2			27.0	1994	71		
DISTRICT CHIP SEAL				MC-3000	43	2004	24.0	73			
2.0 HBP-SUPERPAVE-FAA 43				PG 58-28	SP	2015	27.0	1045	7	20982	1
FEDERAL AID SAND SEAL				CRS2P	41	2019	25.0	217		22363	1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		26.000	0.8550	30.000	0.0000	1.7140	1.5	24.0	1.5	4.0	6.0	36.0	27.0	40	292 2022	29	39	23	2019	FLEX	ASPHT	RCL	3	1986	2015	2015	F SAND SEAL
N SIDE OF BEAVER BAY BR TO JCT 13																													
2000 DISTRICT CHIP SEAL IS FROM MM 28.902 TO 30.000. PCN-13016-BEG RP 28.905 TO END RP 30.00.																													
2015 DIST 73 RIDE 2.39 PRPI POOR IRI 138																													
2016 DIST 85 RIDE 4.00 PRPI GOOD IRI 61																													
2017 DIST 82 RIDE 3.98 PRPI GOOD IRI 61																													
2018 DIST 93 RIDE 3.66 PRPI GOOD IRI 76																													
2019 DIST 93 RIDE 3.81 PRPI GOOD IRI 69																													
2020 DIST 93 RIDE 3.87 PRPI GOOD IRI 67																													
2021 DIST 94 RIDE 3.74 PRPI GOOD IRI 73																													
2022 DIST 95 RIDE 3.80 PRPI GOOD IRI 70																													
2023 DIST 93 RIDE 3.77 PRPI GOOD IRI 71																													
2024 DIST 87 RIDE 3.67 PRPI GOOD IRI 75																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	TC	BC	RW	BP	RT
27	3.74	86	0.16	72.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0	6
29	3.60	88	0.13	79.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0	0
AVG	3.67	87	0.15	75.50	GOOD	N/A	N/A	3	0	1	5	0	0	0	0	3

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
6.0	AGGREGATE BASE		36.0				1985	311				
2.0	HOT BIT PAVEMENT		32.0				1986					
	CONTRACT CHIP SEAL		27.0				1986		20			
	INT CONT PATCH-1.25"		24.0		AE-150S		1986					
	DISTRICT CHIP SEAL	1.5	24.0	1.5	PG 58-28	27	1999	9		13016	1	
2.0	HBP-SUPERPAVE-FAA 43		24.0		MC-3000	43	2000	8				
	FEDERAL AID SAND SEAL		24.0		PG 58-28	SP	2015	227	7	17715	1	
			24.0		CRS2P	41	2019	47		22363	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	1804	N		30.000	0.0000	35.000	0.6210	5.5563	4.0	24.0	4.0	2.0	6.0	36.0	32.0	30	249 2022	13	46	23	2019	FLEX	ASPHT	RCL	3	1979	2015	2015	F SAND SEAL																																																
WEST LINTON,ND 13 NORTH																		2015	DIST 76	RIDE 2.47	PRPI	POOR	IRI 134	2016	DIST 83	RIDE 4.21	PRPI	GOOD	IRI 51	2017	DIST 83	RIDE 4.19	PRPI	GOOD	IRI 52	2018	DIST 94	RIDE 3.77	PRPI	GOOD	IRI 71	2019	DIST 94	RIDE 4.08	PRPI	GOOD	IRI 57	2020	DIST 94	RIDE 3.96	PRPI	GOOD	IRI 63	2021	DIST 92	RIDE 4.06	PRPI	GOOD	IRI 58	2022	DIST 93	RIDE 3.88	PRPI	GOOD	IRI 66	2023	DIST 91	RIDE 3.95	PRPI	GOOD	IRI 63	2024	DIST 89	RIDE 3.74	PRPI	GOOD	IRI 72

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG FLT	NUM FLT	(2024) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
30	3.96	90	0.14	63.00	GOOD	N/A	N/A	3	0	0	6	0	0	0	0
31	3.69	91	0.14	75.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0
32	3.71	89	0.14	74.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
33	3.46	89	0.13	85.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
34	4.02	87	0.13	60.00	GOOD	N/A	N/A	3	0	3	6	0	0	0	0
35	3.62	89	0.14	78.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0
AVG	3.74	89	0.14	72.50	GOOD	N/A	N/A	3	0	1	6	0	0	0	0

DPHTH (IN)	COMPONENTS	LSHL WDT (FT)	RDWY WDT (FT)	RSHL WDT (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
6.0	BITUMINOUS BASE		36.0		HF-AC		1977					
	DISTRICT CHIP SEAL		32.0		MC-3000		1979	551	20			
	INT CONT PATCH-1.25"				PG 58-28	27	1993	54		13016	1	
	DISTRICT CHIP SEAL	4.0	24.0	4.0	MC-3000	43	2000	40				
2.0	HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2015	735	7	17715	1	
	FEDERAL AID SAND SEAL		24.0		CRS2P	41	2019	154		22363	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		35.000	0.6210	47.000	0.1970	11.4279	1.5	24.0	1.5	4.0	6.0	36.0	27.0	30	230 2022	13	39	23	2019	FLEX	ASPHT	RCL	3	1986	2015	2015	F SAND SEAL
5.6 MI N ND 13 N TO HAZELTON JCT																													
PCN-13016-BEG RP 35.621 TO END RP 45.042.																													
2015 DIST 76 RIDE 2.53 PRPI POOR IRI 131																													
2016 DIST 85 RIDE 4.07 PRPI GOOD IRI 57																													
2017 DIST 82 RIDE 3.99 PRPI GOOD IRI 61																													
2018 DIST 94 RIDE 3.72 PRPI GOOD IRI 73																													
2019 DIST 94 RIDE 3.88 PRPI GOOD IRI 66																													
2020 DIST 93 RIDE 3.82 PRPI GOOD IRI 68																													
2021 DIST 94 RIDE 3.81 PRPI GOOD IRI 69																													
2022 DIST 94 RIDE 3.78 PRPI GOOD IRI 71																													
2023 DIST 92 RIDE 3.74 PRPI GOOD IRI 73																													
2024 DIST 89 RIDE 3.65 PRPI GOOD IRI 76																													

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																							
FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																				
36	3.47	89	0.16	85.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0														
37	3.65	86	0.17	77.00	GOOD	N/A	N/A	3	0	3	7	0	0	0	0														
38	3.57	89	0.17	81.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0														
39	3.79	89	0.14	71.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0														
40	3.79	89	0.14	70.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0														
41	3.85	89	0.14	68.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0														
42	3.78	89	0.13	71.00	GOOD	N/A	N/A	3	0	0	7	0	0	0	0														
43	3.40	91	0.13	88.00	GOOD	N/A	N/A	0	0	1	7	0	0	0	0														
44	3.65	88	0.14	77.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0														
45	3.91	88	0.13	65.00	GOOD	N/A	N/A	3	0	1	7	0	0	0	0														
46	3.79	89	0.14	70.00	GOOD	N/A	N/A	3	0	1	6	0	0	0	0														
47	3.16	91	0.13	100.00	FAIR	N/A	N/A	3	0	1	4	0	0	0	0														
AVG	3.65	89	0.14	76.92	GOOD	N/A	N/A	3	0	1	6	0	0	0	0														

8 OCCURS		LSHL	RDWY	RSHL	OIL/CON		CLS	COST		DSN	
DPTH (IN)	COMPONENTS	WDTH (FT)	WDTH (FT)	WDTH (FT)	TYPE	AGG	YEAR	THOUS	LFE	PCN	SUB H
6.0	AGGREGATE BASE		36.0					1985	1245		
2.0	HOT BIT PAVEMENT		27.0					1986	1198	20	
	CONTRACT CHIP SEAL		24.0		AE-150S			1986			
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	1999	18		13016	1
	DISTRICT CHIP SEAL	1.5	24.0	1.5	MC-3000	43	2000	83			
2.0	HBP-SUPERPAVE-FAA 43		24.0		PG 58-28	SP	2015	1512	7	17715	1
	FEDERAL AID SAND SEAL		24.0		CRS2P	41	2019	314		22363	1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		47.000	0.1970	50.000	0.0000	2.8230	3.0	24.0	3.0	3.0	4.0	36.0	30.0	30	254 2022	13	54	30	2023	FLEX	ASPHT	RCL	3	1971	2008	2008	D CHIP SEAL				
2023 TEST SECTION DOUBLE CHIP SEAL																		2015	DIST 90	RIDE 3.89	PRPI	POOR	IRI 134										
																		2016	DIST 90	RIDE 3.59	PRPI	POOR	IRI 134										
																		2017	DIST 90	RIDE 3.73	PRPI	POOR	IRI 134										
																		2018	DIST 93	RIDE 2.80	PRPI	POOR	IRI 134										
																		2019	DIST 92	RIDE 3.71	PRPI	POOR	IRI 134										
																		2020	DIST 87	RIDE 3.19	PRPI	POOR	IRI 134										
																		2021	DIST 91	RIDE 3.48	PRPI	POOR	IRI 134										
																		2022	DIST 92	RIDE 3.09	PRPI	POOR	IRI 134										
																		2023	DIST 99	RIDE 2.98	PRPI	FAIR	IRI 108										
																		2024	DIST 92	RIDE 2.90	PRPI	FAIR	IRI 112										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT BC	RUT BP	RT
48	3.10	91	0.12	103.00	FAIR	N/A	N/A	3	0	2	3	0	0
49	2.70	93	0.13	122.00	FAIR	N/A	N/A	3	0	1	2	0	0
AVG	2.90	92	0.13	112.50	FAIR	N/A	N/A	3	0	2	3	0	0

10 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		36.0				1969					
4.0	BITUMINOUS BASE		34.0		CMS-2		1970					
1.5	COLD BITUMINOUS PAVEMENT MAINTENANCE GRAVEL SEAL		24.0		SC-3000		1971	85	20			
	INT CONT PATCH-1.0" DISTRICT CHIP SEAL		24.0		AE-150S		1987	28				
			24.0		85-100		1995	61				
2.0	HOT BIT PAVEMENT	3.0	24.0	3.0	MC-3000	43	1997	13				
	FEDERAL AID CHIP SEAL		25.0		PG 58-28	27	2008	348	7	16317	1	
			25.4		CRS2P	41	2011	117		18823	1	
			25.4				2023			23336	1	
			60.0		CRS2P	41	2023	1008		23336	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	1804	N		50.000	0.0000	52.000	0.4970	2.4799	3.0	24.0	3.0	3.0	4.0	36.0	30.0	30	270 2022	13	54	15		FLEX	ASPHT	RCL	3	1971	2008	2023	C SEAL																																																																														
2023 TEST SECTION CAPE SEAL																		2015	DIST	87	RIDE	3.34	PRPI	GOOD	IRI	91	2016	DIST	89	RIDE	3.14	PRPI	GOOD	IRI	100	2017	DIST	90	RIDE	2.88	PRPI	FAIR	IRI	113	2018	DIST	94	RIDE	2.53	PRPI	POOR	IRI	131	2019	DIST	93	RIDE	2.91	PRPI	FAIR	IRI	112	2020	DIST	86	RIDE	2.65	PRPI	POOR	IRI	125	2021	DIST	90	RIDE	2.64	PRPI	POOR	IRI	126	2022	DIST	88	RIDE	2.47	PRPI	POOR	IRI	134	2023	DIST	95	RIDE	2.52	PRPI	POOR	IRI	131	2024	DIST	87	RIDE	2.56	PRPI	POOR	IRI	130

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT BC	RUT BP	RT
50	3.07	87	0.14	104.00	FAIR	N/A	N/A	3	0	5	4	0	0
51	2.80	87	0.14	117.00	FAIR	N/A	N/A	6	0	3	3	0	0
52	1.82	87	0.16	171.00	POOR	N/A	N/A	3	0	5	4	0	0
AVG	2.56	87	0.15	130.67	POOR	N/A	N/A	4	0	4	4	0	0

10 OCCURS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1969					
4.0 BITUMINOUS BASE		34.0		CMS-2		1970					
1.5 COLD BITUMINOUS PAVEMENT		24.0		SC-3000		1971	74	20			
MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	25				
INT CONT PATCH-1.0"		24.0		85-100		1995	54				
DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	12				
2.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	306	7	16317		1
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	102		18823		1
-.5 MICROMILL		25.4				2023			23336		1
CAPE SEAL		30.0		CRS2P	11	2023	886	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																								
1	1804	N		52.000	0.4970	53.000	0.0000	0.5151	3.0	24.0	3.0	3.0	3.0	36.0	30.0	30	279 2022	15	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	C SEAL																								
2023 TEST SECTION CAPE SEAL																		2015	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986																		2016	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD AND ND 1804																		2017	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2018	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2019	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2020	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2021	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2022	DIST	NA	RIDE	N/A	PRPI	GOOD	IRI	103																											
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADED BY OTHERS		36.0				1966					
	3.0	BITUMINOUS BASE		34.0		SM-K		1967					
	1.5	HOT BIT PAVEMENT		24.0		120-150		1967	11	20			
		DISTRICT CHIP SEAL		24.0		AE-200S		1987	3				
		MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	2				
		INT CONT PATCH-1.0"		24.0		85-100		1995	6				
		DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	1				
	2.0	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	63	7	16317	1	
		FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	21		18823	1	
	-.5	MICROMILL		25.4				2023			23336	1	
		CAPE SEAL		30.0		CRS2P	11	2023	176	7	23336	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	1804	N		53.000	0.0000	56.000	0.0000	2.9983	3.0	24.0	3.0	3.0	3.0	36.0	30.0	30	289 2022	13	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	RAP C SEAL					
																			2015	DIST 89	RIDE 3.60	PRPI	GOOD	IRI 102										
																			2016	DIST 91	RIDE 3.38	PRPI	GOOD	IRI 102										
																			2017	DIST 91	RIDE 3.28	PRPI	GOOD	IRI 102										
																			2018	DIST 94	RIDE 2.92	PRPI	GOOD	IRI 102										
																			2019	DIST 93	RIDE 3.39	PRPI	GOOD	IRI 102										
																			2020	DIST 89	RIDE 3.09	PRPI	GOOD	IRI 102										
																			2021	DIST 92	RIDE 3.21	PRPI	GOOD	IRI 102										
																			2022	DIST 92	RIDE 2.98	PRPI	GOOD	IRI 102										
																			2023	DIST 99	RIDE 2.92	PRPI	FAIR	IRI 111										
																			2024	DIST 98	RIDE 2.75	PRPI	FAIR	IRI 120										

2023 TEST SECTION RAP CAPE SEAL

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986  
2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD  
AND ND 1804

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& TC	RUT BC	RW	BP	RT
53	2.37	98	0.14	139.00	POOR	N/A	N/A	0	0	0	1	0	0	0	0
54	2.79	98	0.14	117.00	FAIR	N/A	N/A	0	0	0	1	0	0	0	0
55	3.08	98	0.14	104.00	FAIR	N/A	N/A	0	0	0	1	0	0	0	0
AVG	2.75	98	0.14	120.00	FAIR	N/A	N/A	0	0	0	1	0	0	0	0

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADED BY OTHERS		36.0				1966					
	3.0	BITUMINOUS BASE		34.0		SM-K		1967					
	1.5	HOT BIT PAVEMENT		24.0		120-150		1967	66	20			
		DISTRICT CHIP SEAL		24.0		AE-200S		1987	18				
		MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	14				
		INT CONT PATCH-1.0"		24.0		85-100		1995	34				
		DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	6				
	2.0	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	369	7	16317		1
		FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	124		18823		1
	-.5	MICROMILL		25.4				2023			23336		1
		RAP CAPE SEAL		25.4		AE	RM	2023	31072	7	23336		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
1	1804	N		56.000	0.0000	59.000	0.0000	2.9886	3.0	24.0	3.0	3.0	3.0	36.0	30.0	33	346 2022	15	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	D MICRO																		
																							2015	DIST 90	RIDE 3.92	PRPI	GOOD	IRI 101																			
																							2016	DIST 91	RIDE 3.53	PRPI	GOOD	IRI 101																			
																							2017	DIST 90	RIDE 3.59	PRPI	GOOD	IRI 101																			
																							2018	DIST 93	RIDE 2.97	PRPI	GOOD	IRI 101																			
																							2019	DIST 93	RIDE 3.66	PRPI	GOOD	IRI 101																			
																							2020	DIST 87	RIDE 3.14	PRPI	GOOD	IRI 101																			
																							2021	DIST 92	RIDE 3.50	PRPI	GOOD	IRI 101																			
																							2022	DIST 92	RIDE 2.98	PRPI	GOOD	IRI 101																			
																							2023	DIST 93	RIDE 3.59	PRPI	GOOD	IRI 79																			
																							2024	DIST 87	RIDE 3.51	PRPI	GOOD	IRI 83																			

2023 TEST SECTION DOUBLE MICRO

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986  
2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD  
AND ND 1804

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE, DISTRESS & RUT LC	TC	BC	RW	BP	RT
56	3.47	87	0.16	85.00	GOOD	N/A	N/A	3	0	4	5	0	0	0
57	3.41	88	0.14	88.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
58	3.65	85	0.15	77.00	GOOD	N/A	N/A	3	0	5	6	0	0	0
AVG	3.51	87	0.15	83.33	GOOD	N/A	N/A	3	0	4	5	0	0	0

11 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1966					
3.0 BITUMINOUS BASE		34.0		SM-K		1967					
1.5 HOT BIT PAVEMENT		24.0		120-150		1967	66	20			
DISTRICT CHIP SEAL		24.0		AE-200S		1987		17			
MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987		14			
INT CONT PATCH-1.0"		24.0		85-100		1995		34			
DISTRICT CHIP SEAL		24.0		MC-3000	43	1997		6			
2.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	368	7	16317		1
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	124		18823		1
-.5 MICROMILL		25.4				2023			23336		1
DOUBLE MICRO		50.8		AE	MC	2023	1072	7	23336		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTH	FIN WDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	1804	N		59.000	0.0000	62.000	0.0000	2.9989	3.0	24.0	3.0	3.0	3.0	36.0	30.0	38	434 2022	15	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	RAP D MIRCO						
2023 TEST SECTION RAP DOUBLE MICRO																				2015	DIST 90	RIDE 3.93	PRPI	GOOD	IRI 105										
																				2016	DIST 90	RIDE 3.79	PRPI	GOOD	IRI 105										
																				2017	DIST 89	RIDE 3.72	PRPI	GOOD	IRI 105										
																				2018	DIST 94	RIDE 3.32	PRPI	GOOD	IRI 105										
																				2019	DIST 92	RIDE 3.74	PRPI	GOOD	IRI 105										
																				2020	DIST 89	RIDE 3.45	PRPI	GOOD	IRI 105										
																				2021	DIST 91	RIDE 3.63	PRPI	GOOD	IRI 105										
																				2022	DIST 90	RIDE 3.37	PRPI	GOOD	IRI 105										
																				2023	DIST 99	RIDE 3.51	PRPI	GOOD	IRI 83										
																				2024	DIST 91	RIDE 3.21	PRPI	FAIR	IRI 97										

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986  
2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD  
AND ND 1804

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, BLD	DISTRESS LC	& TC	RUT BC	RT
59	3.47	91	0.12	85.00	GOOD	N/A	N/A	3	0	1	4	0	0
60	2.86	92	0.12	114.00	FAIR	N/A	N/A	3	0	0	4	0	0
61	3.30	89	0.19	93.00	FAIR	N/A	N/A	0	0	1	3	0	6
AVG		3.21	91	0.14	97.33	FAIR	N/A	N/A	2	0	1	4	0

11 OCCURS	LSHL DPTH (IN)	RDWY WDTH (FT)	RSHL WDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS			36.0			1966					
3.0 BITUMINOUS BASE			34.0	SM-K		1967					
1.5 HOT BIT PAVEMENT			24.0	120-150		1967	66	20			
DISTRICT CHIP SEAL			24.0	AE-200S		1987	18				
MAINTENANCE GRAVEL SEAL			24.0	AE-150S		1987	14				
INT CONT PATCH-1.0"			24.0	85-100		1995	34				
DISTRICT CHIP SEAL			24.0	MC-3000	43	1997	6				
2.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	370	7	16317		1
FEDERAL AID CHIP SEAL			25.0	CRS2P	41	2011	124		18823		1
-.5 MICROMILL			25.4			2023			23336		1
RAP DOUBLE MICRO			50.7	AE	RM	2023	1072	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																
1	1804	N		62.000	0.0000	65.000	0.0000	3.0042	3.0	24.0	3.0	3.0	3.0	36.0	30.0	45	595 2022	19	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	ULTRATHIN WC																
																					2015	DIST	92	RIDE	3.62	PRPI	GOOD	IRI	104																
																					2016	DIST	88	RIDE	3.51	PRPI	GOOD	IRI	104																
																					2017	DIST	91	RIDE	3.33	PRPI	GOOD	IRI	104																
																					2018	DIST	94	RIDE	2.99	PRPI	GOOD	IRI	104																
																					2019	DIST	92	RIDE	3.32	PRPI	GOOD	IRI	104																
																					2020	DIST	91	RIDE	3.25	PRPI	GOOD	IRI	104																
																					2021	DIST	91	RIDE	3.34	PRPI	GOOD	IRI	104																
																					2022	DIST	92	RIDE	2.98	PRPI	GOOD	IRI	104																
																					2023	DIST	99	RIDE	3.81	PRPI	GOOD	IRI	69																
																					2024	DIST	91	RIDE	3.73	PRPI	GOOD	IRI	73																

2023 TEST SEC. ULTRATHIN BLENDED WC

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986  
 2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD  
 AND ND 1804

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
62	3.92	88	0.15	65.00	GOOD	N/A	N/A	3	0	1	1	0	0	6
63	3.94	93	0.11	63.00	GOOD	N/A	N/A	3	0	1	2	0	0	0
64	3.34	93	0.13	91.00	GOOD	N/A	N/A	3	0	2	1	0	0	0
AVG	3.73	91	0.13	73.00	GOOD	N/A	N/A	3	0	1	1	0	0	2

11 OCCURS	LSHL DPTH (IN)	RDWY (FT)	RSHL (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1966					
3.0 BITUMINOUS BASE		34.0		SM-K		1967					
1.5 HOT BIT PAVEMENT		24.0		120-150		1967	67	20			
DISTRICT CHIP SEAL		24.0		AE-200S		1987		18			
MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987		14			
INT CONT PATCH-1.0"		24.0		85-100		1995		34			
DISTRICT CHIP SEAL		24.0		MC-3000	43	1997		6			
2.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	370	7	16317		1
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	124		18823		1
-.5 MICROMILL		25.4				2023			23336		1
.7 ULTRATHIN BONDED WC		30.0		PG58V34	SP	2023	1072	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	1804	N		65.000	0.0000	68.000	0.0000	2.9964	3.0	24.0	3.0	3.0	3.0	36.0	30.0	51	715 2022	23	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	THINLAY						
																				2015	DIST 93	RIDE 3.59	PRPI	POOR	IRI 121										
																				2016	DIST 89	RIDE 3.67	PRPI	POOR	IRI 121										
																				2017	DIST 90	RIDE 3.31	PRPI	POOR	IRI 121										
																				2018	DIST 94	RIDE 3.18	PRPI	POOR	IRI 121										
																				2019	DIST 93	RIDE 3.29	PRPI	POOR	IRI 121										
																				2020	DIST 91	RIDE 3.41	PRPI	POOR	IRI 121										
																				2021	DIST 92	RIDE 3.18	PRPI	POOR	IRI 121										
																				2022	DIST 92	RIDE 3.20	PRPI	POOR	IRI 121										
																				2023	DIST 99	RIDE 3.89	PRPI	GOOD	IRI 65										
																				2024	DIST 94	RIDE 3.67	PRPI	GOOD	IRI 76										

2023 TEST SECTION 0.75" HMA THINLAY

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986  
2011 PCN 18023 - INTERSECTION REALIGNMENT OF 158TH ST SE, MOFFIT ROAD  
AND ND 1804

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& BC	RUT RW	BP	RT
65	3.80	96	0.13	70.00	GOOD	N/A	N/A	0	0	1	2	0	0	0
66	3.48	93	0.14	85.00	GOOD	N/A	N/A	3	0	1	2	0	0	0
67	3.74	92	0.12	73.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG		3.67	94	0.13	76.00	GOOD	N/A	N/A	2	0	1	2	0	0

11 OCCURS	LSHL DPTH (IN)	RDWY (FT)	RSHL (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1966					
3.0 BITUMINOUS BASE		34.0		SM-K		1967					
1.5 HOT BIT PAVEMENT		24.0		120-150		1967	66	20			
DISTRICT CHIP SEAL		24.0		AE-200S		1987		18			
MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987		14			
INT CONT PATCH-1.0"		24.0		85-100		1995		34			
DISTRICT CHIP SEAL		24.0		MC-3000	43	1997		6			
2.0 HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	369	7	16317		1
FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	124		18823		1
-.5 MICROMILL		25.4				2023			23336		1
.7 0.75" HMA THINLAY		30.0		PG58H-34	SP	2023	1072	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB									
1	1804	N		68.000	0.0000	68.000	0.7540	0.7540	2.0	24.0	2.0	5.0	3.0	36.0	28.0	55	780 2022	23	58	15		FLEX	ASPHT	RCL	3	1967	2008	2023	RAP-FAA 43									
																							2015	DIST 94	RIDE 3.51	PRPI	FAIR	IRI 83										
																							2016	DIST 91	RIDE 3.20	PRPI	FAIR	IRI 98										
																							2017	DIST 95	RIDE 3.28	PRPI	GOOD	IRI 94										
																							2018	DIST 94	RIDE 2.63	PRPI	POOR	IRI 125										
																							2019	DIST 93	RIDE 3.27	PRPI	GOOD	IRI 94										
																							2020	DIST 92	RIDE 3.01	PRPI	GOOD	IRI 107										
																							2021	DIST 92	RIDE 3.19	PRPI	GOOD	IRI 98										
																							2022	DIST 92	RIDE 2.72	PRPI	POOR	IRI 121										
																							2023	DIST 99	RIDE 3.96	PRPI	GOOD	IRI 63										
																							2024	DIST 98	RIDE 4.12	PRPI	GOOD	IRI 56										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG RIDE	AVERAGE RIDE, DISTRESS & RUT									
PT	RIDE	DST	(IN)	IN/MI	PRPI	FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT		
68	4.12	98	0.10	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0		
AVG	4.12	98	0.10	56.00	GOOD	N/A	N/A	0	0	0	1	0	0	0	0		

11 OCCURS DPTH (IN)	COMPONENTS	L SHL WIDTH (FT)	RDWY WIDTH (FT)	R SHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		36.0				1966					
3.0	BITUMINOUS BASE		34.0		SM-K		1967					
1.5	HOT BIT PAVEMENT		24.0		120-150		1967	17	20			
	DISTRICT CHIP SEAL		24.0		AE-200S		1987	4				
	MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	4				
	INT CONT PATCH-1.0"		24.0		85-100		1995	9				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	2				
2.0	HOT BIT PAVEMENT	3.0	24.0	3.0	PG 58-28	27	2008	93	7	16317		1
	FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	31		18823		1
	-.5 MICROMILL		25.4				2023			23336		1
2.0	RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG58H-34	SP	2023	270	7	23336		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		68.000	0.7540	68.000	0.9076	0.1536	2.0	24.0	2.0	5.2	3.0	36.0	28.0	55	780 2022	33	16	15		FLEX	ASPHT	RCL	3	2009	2023	2023	RAP-FAA 43				
102ND AVE SE TO STATION 3632+05																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE RIDE	DISTRESS	& RUT	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADED BY OTHERS		36.0				1966					
		3.0 BITUMINOUS BASE		34.0		SM-K		1967					
		1.5 HOT BIT PAVEMENT		24.0		120-150		1967	3	20			
		DISTRICT CHIP SEAL		24.0		AE-200S		1987	1				
		MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	1				
		INT CONT PATCH-1.0"		24.0		85-100		1995	2				
		DISTRICT CHIP SEAL		24.0		MC-3000	43	1997					
		2.0 HBP-SUPERPAVE-FAA 42	3.0	24.0	3.0	PG 58-28	SP	2009	172	20	17341	1	
		FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	61		18823	1	
		-.5 MICROMILL		25.4				2023			23336	1	
		2.0 RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG58H-34	SP	2023	55	7	23336	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		68.000	0.9076	69.000	0.3247	0.4203	5.5	24.0	5.5	5.5	10.0	46.0	35.0	55	780 2022	23	16	15		FLEX	ASPHT	RCL	3	2009	2023	2023	RAP-FAA 43				
STATION 3632+05 TO 3654+22																		2015	DIST 85	RIDE 3.12	PRPI	FAIR	IRI 101										
																		2016	DIST 89	RIDE 2.88	PRPI	FAIR	IRI 113										
																		2017	DIST 88	RIDE 2.80	PRPI	FAIR	IRI 117										
																		2018	DIST 93	RIDE 2.39	PRPI	POOR	IRI 138										
																		2019	DIST 92	RIDE 2.55	PRPI	POOR	IRI 130										
																		2020	DIST 91	RIDE 2.56	PRPI	POOR	IRI 129										
																		2021	DIST 91	RIDE 2.45	PRPI	POOR	IRI 135										
																		2022	DIST 91	RIDE 2.37	PRPI	POOR	IRI 139										
																		2023	DIST 99	RIDE 4.09	PRPI	GOOD	IRI 57										
																		2024	DIST 97	RIDE 3.99	PRPI	GOOD	IRI 62										

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
69	3.99	97	0.10	62.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
AVG 3.99 97 0.10 62.00 GOOD N/A N/A 0 0 0 2 0 0 0 0														

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	10.0	SALVAGED AGGR BASE		46.0				2009			17341	1	
	4.0	HBP-SUPERPAVE-FAA 42	6.0	24.0	6.0	PG 58-28	SP	2009	471	20	17341	1	
		FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	17		18823	1	
		-.5 MICROMILL		36.4				2023			23336	1	
	2.0	RAP-SUPERPAVE FAA 43	5.4	24.0	5.4	PG58H-34	SP	2023	150	7	23336	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		69.000	0.3247	69.000	0.8060	0.4813	2.0	24.0	2.0	5.5	3.0	36.0	28.0	55	780 2022	33	16	15		FLEX	ASPHT	RCL	3	2009	2023	2023	RAP-FAA 43				
STATION 3654+22 TO 3679+63																		2015		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2016		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2017		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2018		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2019		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2020		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2021		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2022		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2023		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						
																		2024		DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A						

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) AVG NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS			36.0			1966					
3.0 BITUMINOUS BASE			34.0	SM-K		1967					
1.5 HOT BIT PAVEMENT			24.0	120-150		1967	11	20			
DISTRICT CHIP SEAL			24.0	AE-200S		1987	3				
MAINTENANCE GRAVEL SEAL			24.0	AE-150S		1987	2				
INT CONT PATCH-1.0"			24.0	85-100		1995	5				
DISTRICT CHIP SEAL			24.0	MC-3000	43	1997	1				
2.0 HBP-SUPERPAVE-FAA 42	3.0	24.0	3.0	PG 58-28	SP	2009	539	20	17341		1
FEDERAL AID CHIP SEAL			25.0	CRS2P	41	2011	20		18823		1
-.5 MICROMILL			25.4			2023			23336		1
2.0 RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG58H-34	SP	2023	172	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB			
1	1804	N		69.000	0.8060	70.000	0.2887	0.4607	5.5	24.0	5.5	5.5	10.0	46.0	35.0	55	780 2022	23	16	15			FLEX	ASPHT	RCL	1	2009	2023	2023	RAP-FAA 43			
STATION 3679+63 TO 3704+40																		2015	DIST 88	RIDE 3.08	PRPI	FAIR	IRI 104										
																		2016	DIST 88	RIDE 2.98	PRPI	FAIR	IRI 108										
																		2017	DIST 88	RIDE 2.89	PRPI	FAIR	IRI 113										
																		2018	DIST 94	RIDE 2.71	PRPI	FAIR	IRI 121										
																		2019	DIST 93	RIDE 2.90	PRPI	FAIR	IRI 112										
																		2020	DIST 86	RIDE 2.76	PRPI	FAIR	IRI 119										
																		2021	DIST 93	RIDE 2.89	PRPI	FAIR	IRI 113										
																		2022	DIST 85	RIDE 2.60	PRPI	POOR	IRI 127										
																		2023	DIST 99	RIDE 4.16	PRPI	GOOD	IRI 54										
																		2024	DIST 97	RIDE 4.12	PRPI	GOOD	IRI 56										

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986

REF PT	RUT RIDE	DST	IRI (IN)	IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
70	4.12	97	0.11	56.00	GOOD	N/A	N/A	0	0	2	0	0	0	0
AVG	4.12	97	0.11	56.00	GOOD	N/A	N/A	0	0	2	0	0	0	0

6 OCCURS DPTH (IN)	COMPONENTS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
10.0	SALVAGED AGGR BASE		46.0				2009			17341	1	
4.0	HBP-SUPERPAVE-FAA 42	6.0	24.0	6.0	PG 58-28	SP	2009	526	20	17341	1	
	FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	19		18823	1	
	-.5 MICROMILL		36.4				2023			23336	1	
2.0	RAP-SUPERPAVE FAA 43	5.4	24.0	5.4	PG58H-34	SP	2023	165	7	23336	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		70.000	0.2887	70.000	0.6031	0.3144	2.0	24.0	2.0	5.0	3.0	36.0	28.0	55	780 2022	33	16	15		FLEX	ASPHT	RCL	1	2009	2023	2023	RAP-FAA 43				
STATION 3704+40 TO 3721+00																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	RT BP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

11 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		36.0				1966					
	3.0 BITUMINOUS BASE		34.0		SM-K		1967					
	1.5 HOT BIT PAVEMENT		24.0		120-150		1967	7	20			
	DISTRICT CHIP SEAL		24.0		AE-200S		1987	2				
	MAINTENANCE GRAVEL SEAL		24.0		AE-150S		1987	1				
	INT CONT PATCH-1.0"		24.0		85-100		1995	4				
	DISTRICT CHIP SEAL		24.0		MC-3000	43	1997	1				
	2.0 HBP-SUPERPAVE-FAA 42	3.0	24.0	3.0	PG 58-28	SP	2009	352	20	17341		1
	FEDERAL AID CHIP SEAL		25.0		CRS2P	41	2011	13		18823		1
	-.5 MICROMILL		25.4				2023			23336		1
	2.0 RAP-SUPERPAVE FAA 43	2.0	24.0	2.0	PG58H-34	SP	2023	112	7	23336		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	1804	N		70.000	0.6031	72.000	0.1930	1.5339	7.5	24.0	7.5	5.5	10.0	50.0	39.0	63	1018 2022	27	16	15		FLEX	ASPHT	RCL	1	2009	2023	2023	RAP-FAA 43					
STATION 3721+00 TO SIGNAL STREET																		2015	DIST 88	RIDE 3.34	PRPI	GOOD	IRI 91											
																		2016	DIST 90	RIDE 3.45	PRPI	GOOD	IRI 85											
																		2017	DIST 83	RIDE 3.20	PRPI	FAIR	IRI 98											
																		2018	DIST 87	RIDE 3.19	PRPI	GOOD	IRI 98											
																		2019	DIST 88	RIDE 2.96	PRPI	FAIR	IRI 110											
																		2020	DIST 85	RIDE 3.16	PRPI	GOOD	IRI 100											
																		2021	DIST 88	RIDE 2.93	PRPI	GOOD	IRI 111											
																		2022	DIST 87	RIDE 3.01	PRPI	FAIR	IRI 107											
																		2023	DIST 99	RIDE 4.08	PRPI	GOOD	IRI 57											
																		2024	DIST 95	RIDE 4.07	PRPI	GOOD	IRI 58											

1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
71	4.10	96	0.08	57.00	GOOD	N/A	N/A	0	0	1	2	0	0
72	4.03	93	0.12	60.00	GOOD	N/A	N/A	0	0	4	2	0	0
AVG	4.07	95	0.10	58.50	GOOD	N/A	N/A	0	0	3	2	0	0

DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
7	OCCURS											
10.0	GRADE		50.0				2009			15215		1
10.0	SALVAGED AGGR BASE		43.0				2009			15215		1
4.0	HBP-SUPERPAVE-FAA 42	8.0	24.0	8.0	PG 58-28	SP	2009	1787	20	15215		1
	FEDERAL AID CHIP SEAL	7.5		7.5	CRS2P		41	2011		18823		1
	MICROSURFACING		25.0			MC	2011	63		18823		1
	-.5 MICROMILL		40.4				2023			23336		1
2.0	RAP-SUPERPAVE FAA 43	7.4	24.0	7.4	PG58H-34	SP	2023	548	7	23336		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		72.000	0.1930	72.000	0.5970	0.4040		24.0	8.0	4.5	15.0	44.7	39.5	20	735 2022	10	18	15		FLEX	ASPHT	RCL	1	2007	2023	2023	HBP-SUPERPAV				
SIGNAL STREET TO NEAR PRIORY CORNER																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
1997 DISTRICT CHIP SEAL RAN FROM 52.000 TO 60.986																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	15.0	SALVAGED AGGR BASE	45.0	42.0				2007			945	1	
	2.5	HBP-SUPERPAVE-FAA 45	24.0	24.0	8.0	PG 58-28	SP	2007	609	20	945	1	
	2.0	HBP-SUPERPAVE-FAA 45	24.0	24.0	8.0	PG 58-34	SP	2007			945	1	
		FEDERAL AID CHIP SEAL		7.5	CRS2P		41	2011			18823	1	
		MICROSURFACING		24.0			MC	2011	17		18823	1	
	-1.2	MILLING		32.0				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45	24.0	24.0	8.0	PG58H-34	SP	2023	71	7	23223	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	1804	N		72.000	0.5970	74.000	0.3367	1.6881		24.0	8.0	4.5	15.0	44.7	39.5	39	2335 2022	14	18	15			FLEX	ASPHT	UCL	1	2007	2023	2023	HBP-SUPERPAV					
NEAR PRIORY CORNER TO S OF 48TH AVE																			2015	DIST 84	RIDE 3.45	PRPI	GOOD	IRI 86											
																			2016	DIST 91	RIDE 3.61	PRPI	GOOD	IRI 78											
																			2017	DIST 80	RIDE 3.42	PRPI	GOOD	IRI 87											
																			2018	DIST 86	RIDE 3.34	PRPI	FAIR	IRI 91											
																			2019	DIST 85	RIDE 3.38	PRPI	GOOD	IRI 90											
																			2020	DIST 85	RIDE 3.42	PRPI	GOOD	IRI 87											
																			2021	DIST 84	RIDE 3.38	PRPI	GOOD	IRI 89											
																			2022	DIST 83	RIDE 3.32	PRPI	FAIR	IRI 92											
																			2023	DIST 99	RIDE 4.37	PRPI	GOOD	IRI 45											
																			2024	DIST 92	RIDE 4.25	PRPI	GOOD	IRI 50											

PCN 14668 - 2001 - CONTRACT PATCHING 72.940 TO 76.590 - THE BRIDGE GAP

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) NUM FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RUT RT
73	4.09	95	0.14	57.00	GOOD	N/A	N/A	0	0	1	3	0	0
74	4.41	88	0.14	43.00	GOOD	N/A	N/A	6	0	1	4	0	0
AVG	4.25	92	0.14	50.00	GOOD	N/A	N/A	3	0	1	4	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
15.0	GRADE		45.0				2007			945	1	
15.0	SALVAGED AGGR BASE		42.0				2007			945	1	
2.5	HBP-SUPERPAVE-FAA 45		24.0	8.0	PG 58-28	SP	2007	2551	20	945	1	
2.0	HBP-SUPERPAVE-FAA 45		24.0	8.0	PG 58-34	SP	2007			945	1	
	FEDERAL AID CHIP SEAL		7.5		CRS2P	41	2011			18823	1	
	MICROSURFACING		24.0			MC	2011			18823	1	
-1.2	MILLING		32.0				2023			23223	1	
1.2	HBP-SUPERPAVE-FAA 45		24.0	8.0	PG58H-34	SP	2023	301	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																
1	1804	N		74.000	0.3367	75.000	0.5970	1.2599	7.5	24.0	8.0	5.5	15.0	60.0	39.5	53	4094 2022	20	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV																																																
S OF 48TH AVE TO FT. LINCOLN																		2015	DIST 85	RIDE 3.21	PRPI	FAIR	IRI 97	2016	DIST 76	RIDE 3.09	PRPI	FAIR	IRI 103	2017	DIST 76	RIDE 3.06	PRPI	FAIR	IRI 105	2018	DIST 83	RIDE 2.92	PRPI	FAIR	IRI 111	2019	DIST 83	RIDE 2.87	PRPI	FAIR	IRI 113	2020	DIST 85	RIDE 2.92	PRPI	FAIR	IRI 111	2021	DIST 85	RIDE 2.86	PRPI	FAIR	IRI 114	2022	DIST 85	RIDE 2.86	PRPI	FAIR	IRI 114	2023	DIST 99	RIDE 4.22	PRPI	GOOD	IRI 51	2024	DIST 85	RIDE 4.06	PRPI	GOOD	IRI 59

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
75	4.06	85	0.13	59.00	GOOD	N/A	N/A	6	0	2	6	0	0	0
AVG	4.06	85	0.13	59.00	GOOD	N/A	N/A	6	0	2	6	0	0	0

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		42.0				2003	1293		14189	1	
	15.0	SALVAGED BIT BASE	31.5	8.0				2003			14189	1	
	3.5	HOT BIT PAVEMENT	31.5	8.0	PG 58-28	33		2003		20	14189	1	
	2.0	HOT BIT PAVEMENT	31.5	8.0	PG 58-34	33		2003		20	14189	1	
		MICROSURFACING	31.5	8.0				2007	82		16452	1	
	-1.2	MILLING		39.5				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45	31.5	8.0	PG58H-34	SP		2023	225	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		75.000	0.5970	76.000	0.5131	0.9446	6.0	24.0	8.0	5.5	15.0	58.5	38.0	63	5155 2022	20	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV				
FT LINCOLN N TO BISMARCK AIRPORT																		2015	DIST	77	RIDE	3.08	PRPI	FAIR	IRI	103							
ON URBAN SYSTEM AS AIRPORT EXPRESSWAY.																		2016	DIST	74	RIDE	3.32	PRPI	GOOD	IRI	92							
																		2017	DIST	74	RIDE	3.28	PRPI	GOOD	IRI	94							
																		2018	DIST	81	RIDE	3.28	PRPI	FAIR	IRI	94							
																		2019	DIST	82	RIDE	3.29	PRPI	GOOD	IRI	94							
																		2020	DIST	84	RIDE	3.29	PRPI	GOOD	IRI	94							
																		2021	DIST	75	RIDE	3.11	PRPI	GOOD	IRI	102							
																		2022	DIST	82	RIDE	3.00	PRPI	GOOD	IRI	107							
																		2023	DIST	99	RIDE	4.38	PRPI	GOOD	IRI	44							
																		2024	DIST	87	RIDE	4.27	PRPI	GOOD	IRI	49							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
76	4.27	87	0.09	49.00	GOOD	N/A	N/A	3	0	3	6	0	0	0
AVG	4.27	87	0.09	49.00	GOOD	N/A	N/A	3	0	3	6	0	0	0

7 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
15.0	SALVAGED BIT BASE GRADE	42.0	30.0	8.0			2003	970		14189	1	
3.5	HOT BIT PAVEMENT	30.0	8.0	PG 58-28	33	2003		20	14189	1		
2.0	HOT BIT PAVEMENT	30.0	8.0	PG 58-34	33	2003		20	14189	1		
	MICROSURFACING	30.0	8.0			2007	61		16452	1		
-1.2	MILLING	38.0				2023			23223	1		
1.2	HBP-SUPERPAVE-FAA 45	30.0	8.0	PG58H-34	SP	2023	169	7	23223	1		

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB					
1	1804	N		76.000	0.5131	76.000	0.8931	0.3800	6.0	24.0	8.0	5.5	15.0	58.5	38.0	68	5583 2022	31	22	22		FLEX	ASPHT	UCL	1	2003	2003	2003	HBP-SUPERPAV					
BISMARCK AIRPORT N TO CURB & GUTTER																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
ON URBAN SYSTEM AS AIRPORT EXPRESSWAY.																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS GRADE	42.0					2003	391		14189		1
15.0 SALVAGED BIT BASE	30.0	8.0				2003			14189		1
3.5 HOT BIT PAVEMENT	30.0	8.0	PG 58-28	33		2003		20	14189		1
2.0 HOT BIT PAVEMENT	30.0	8.0	PG 58-34	33		2003		20	14189		1
MICROSURFACING	30.0	8.0				2007	25		16452		1
-1.2 MILLING	38.0					2023			23223		1
1.2 HBP-SUPERPAVE-FAA 45	30.0	8.0	PG58H-34	SP		2023			23223		1

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		76.000	0.8931	77.000	0.4361	0.5635	6.0	24.0		5.5	15.0	33.0	30.0	69	5749 2022	21	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV				
CURB & GUTTER TO N OF 12TH ST SOUTH																		2015	DIST	83	RIDE	3.37	PRPI	GOOD	IRI	90							
ON URBAN SYSTEM AS AIRPORT EXPRESSWAY.																		2016	DIST	74	RIDE	3.35	PRPI	GOOD	IRI	91							
																		2017	DIST	77	RIDE	3.23	PRPI	GOOD	IRI	97							
																		2018	DIST	83	RIDE	3.23	PRPI	FAIR	IRI	97							
																		2019	DIST	81	RIDE	3.29	PRPI	GOOD	IRI	93							
																		2020	DIST	84	RIDE	3.31	PRPI	GOOD	IRI	93							
																		2021	DIST	85	RIDE	3.26	PRPI	GOOD	IRI	95							
																		2022	DIST	83	RIDE	3.19	PRPI	GOOD	IRI	98							
																		2023	DIST	99	RIDE	4.24	PRPI	GOOD	IRI	51							
																		2024	DIST	90	RIDE	4.16	PRPI	GOOD	IRI	54							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
77	4.16	90	0.10	54.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
AVG	4.16	90	0.10	54.00	GOOD	N/A	N/A	3	0	1	5	0	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
15.0	GRADE	42.0	30.0				2003	579		14189	1	
3.5	SALVAGED BIT BASE	30.0					2003			14189	1	
3.5	HOT BIT PAVEMENT	30.0			PG 58-28	33	2003		20	14189	1	
2.0	HOT BIT PAVEMENT	30.0			PG 58-34	33	2003		20	14189	1	
	CURB & GUTTER CTRLN-FACE	30.0					2003			14189	1	
	MICROSURFACING	30.0					2007	37		16452	1	
-1.2	MILLING	30.0					2023			23223	1	
1.2	HBP-SUPERPAVE-FAA 45	30.0			PG58H-34	SP	2023	101	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		77.000	0.4361	78.575	0.0000	0.7955	6.0	24.0		5.5	15.0	33.0	30.0	74	6354 2022	24	20	15		FLEX	ASPHT	UCL	1	2005	2023	2023	HBP-SUPERPAV				
N OF 12TH ST SOUTH TO BIS EXPRESSWAY																		2015	DIST	89	RIDE	2.45	PRPI	POOR	IRI	135							
																		2016	DIST	83	RIDE	2.38	PRPI	GOOD	IRI	139							
																		2017	DIST	85	RIDE	2.61	PRPI	POOR	IRI	127							
																		2018	DIST	90	RIDE	2.62	PRPI	POOR	IRI	126							
																		2019	DIST	85	RIDE	2.56	PRPI	POOR	IRI	130							
																		2020	DIST	84	RIDE	2.93	PRPI	POOR	IRI	110							
																		2021	DIST	84	RIDE	3.08	PRPI	GOOD	IRI	104							
																		2022	DIST	84	RIDE	2.96	PRPI	POOR	IRI	109							
																		2023	DIST	99	RIDE	3.71	PRPI	GOOD	IRI	74							
																		2024	DIST	95	RIDE	3.28	PRPI	GOOD	IRI	94							

ON URBAN SYSTEM AS AIRPORT EXPRESSWAY.  
PCN 15557 - 2005 212 FEET OF CONCRETE AT THE NORTH END OF PROJECT  
STATION 4118+34 TO 4120+46.41

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RW	RUT BP	RT
78	3.28	95	0.10	94.00	GOOD	N/A	N/A	0	0	0	4	0	0	0
AVG	3.28	95	0.10	94.00	GOOD	N/A	N/A	0	0	0	4	0	0	0

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	15.0	GRADE		36.0				2005			15557	1	
	15.0	SALVAGED AGGR BASE		36.0				2005			15557	1	
	5.5	HOT BIT PAVEMENT		30.0		PG 64-34	33	2005	1385	20	15557	1	
		CURB & GUTTER CTRLN-FACE		30.0				2005			15557	1	
		MICROSURFACING		30.0				2007	52		16452	1	
	-1.2	MILLING		30.0				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45		30.0		PG58H-34	SP	2023	142	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		82.973	0.0000	88.000	0.3100	5.2916	2.0	24.0	2.0	4.0	6.0	36.0	28.0	59	2159	18	47	24	2024	FLEX	ASPHT	RCL	2	1978	2011	2011	F CHIP SEAL
S JCT 83 W & N_TO 5.3 MILES																			2015	DIST 93	RIDE 3.79	PRPI	GOOD	IRI 71					
SOME ROUGH AREAS SHOWING UP IN 1985 NEEDED PATCHING. MORE PATCHING IN 1988. 1,642 CU YDS OF PATCHING IN 1989 FROM JCT 83 TO JCT 83. 1,398 CU YDS OF HOT MIX PATCHING IN 1991 FROM MP 82 TO MP 94. 1,926 CU. YDS OF HOT MIX PATCHING IN 1993 FROMMP 83 TO MP 113.																			2016	DIST 92	RIDE 3.76	PRPI	GOOD	IRI 72					
																			2017	DIST 90	RIDE 3.80	PRPI	GOOD	IRI 70					
																			2018	DIST 95	RIDE 3.54	PRPI	GOOD	IRI 82					
																			2019	DIST 91	RIDE 3.75	PRPI	GOOD	IRI 72					
																			2020	DIST 92	RIDE 3.38	PRPI	GOOD	IRI 89					
																			2021	DIST 90	RIDE 3.56	PRPI	GOOD	IRI 80					
																			2022	DIST 86	RIDE 3.14	PRPI	GOOD	IRI 101					
																			2023	DIST 84	RIDE 3.30	PRPI	GOOD	IRI 93					
																			2024	DIST 84	RIDE 2.71	PRPI	FAIR	IRI 121					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	NUM (2024) FLT	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT BC	RUT BP	RT
82	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
83	2.30	81	0.25	143.00	POOR	N/A	N/A	6	0	2	4	0	0
84	2.45	86	0.24	135.00	FAIR	N/A	N/A	3	0	1	4	0	0
85	2.69	79	0.20	122.00	FAIR	N/A	N/A	9	0	1	4	0	0
86	3.49	89	0.15	84.00	GOOD	N/A	N/A	3	0	3	4	0	0
87	2.57	80	0.20	129.00	FAIR	N/A	N/A	6	0	3	4	0	0
88	2.77	86	0.17	118.00	FAIR	N/A	N/A	9	0	1	3	0	0
AVG	2.71	84	0.20	121.83	FAIR	N/A	N/A	6	0	2	4	0	0

8 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADED BY OTHERS		36.0				1976	221				
	6.0	AGGREGATE BASE		32.0				1978					
	2.0	HOT BIT PAVEMENT		24.0		200-300		1978	300	20			
		CONTRACT SAND SEAL				CRS-2		1979					
		DISTRICT CHIP SEAL		24.0		MC-3000		1994	42				
	2.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	603	10	17107	1	
		FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	171		18070	1	
		FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	278		23837	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		88.000	0.3100	95.000	0.4730	7.1982	2.0	24.0	2.0	4.0	6.0	36.0	28.0	41	503 2023	18	47	24	2024	FLEX	ASPHT	RCL	3	1978	2011	2011	F CHIP SEAL
5.3 MILES W & N JCT 83 TO N. JCT 83																			2015	DIST 89	RIDE 3.84	PRPI	GOOD	IRI	68				
SOME ROUGH AREAS SHOWING UP IN 1985 NEEDED PATCHING. MORE PATCHING IN 1988. 1,642 CU YDS OF PATCHING IN 1989 FROM JCT 83 TO JCT 83. 1,398 CU YDS OF HOT MIX PATCHING IN 1991 FROM MP 82 TO MP 94. 1,926 CU. YDS OF HOT MIX PATCHING IN 1993 FROMMP 83 TO MP 113.																			2016	DIST 88	RIDE 3.75	PRPI	GOOD	IRI	72				
																			2017	DIST 88	RIDE 3.81	PRPI	GOOD	IRI	69				
																			2018	DIST 95	RIDE 3.64	PRPI	GOOD	IRI	77				
																			2019	DIST 93	RIDE 3.82	PRPI	GOOD	IRI	69				
																			2020	DIST 92	RIDE 3.63	PRPI	GOOD	IRI	77				
																			2021	DIST 93	RIDE 3.75	PRPI	GOOD	IRI	72				
																			2022	DIST 93	RIDE 3.51	PRPI	GOOD	IRI	83				
																			2023	DIST 92	RIDE 3.62	PRPI	GOOD	IRI	78				
																			2024	DIST 92	RIDE 3.16	PRPI	GOOD	IRI	99				

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RT
89	3.18	90	0.12	99.00	GOOD	N/A	N/A	3	0	2	4	0	0
90	3.31	91	0.14	92.00	GOOD	N/A	N/A	3	0	3	2	0	0
91	3.45	91	0.11	86.00	GOOD	N/A	N/A	3	0	1	4	0	0
92	3.08	94	0.10	104.00	GOOD	N/A	N/A	3	0	0	2	0	0
93	3.19	93	0.10	98.00	GOOD	N/A	N/A	0	0	2	4	0	0
94	3.12	92	0.10	102.00	FAIR	N/A	N/A	3	0	2	2	0	0
95	2.80	93	0.09	117.00	FAIR	N/A	N/A	3	0	1	2	0	0
AVG	3.16	92	0.11	99.71	GOOD	N/A	N/A	3	0	2	3	0	0

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1976	300				
6.0 AGGREGATE BASE		32.0				1978					
2.0 HOT BIT PAVEMENT		24.0		200-300		1978	409	20			
CONTRACT SAND SEAL				CRS-2		1979					
DISTRICT CHIP SEAL		24.0		MC-3000		1994	56				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	105		15310		1
2.0 HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	820	10	17107		1
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	233		18070		1
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	379		23837		1

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	1804	N		95.000	0.4730	99.000	0.1500	3.6734	2.0	24.0	2.0	3.5	5.0	38.0	28.0	28	294 2023	10	51	24	2024	FLEX	ASPHT	RCL	3	1974	2011	2011	F CHIP SEAL																																																																														
12.5 MI NW BISMARCK NW TO 4 MI NW																		2015	DIST	91	RIDE	3.42	PRPI	GOOD	IRI	87	2016	DIST	89	RIDE	3.57	PRPI	GOOD	IRI	80	2017	DIST	88	RIDE	3.29	PRPI	GOOD	IRI	94	2018	DIST	94	RIDE	3.37	PRPI	GOOD	IRI	89	2019	DIST	93	RIDE	3.41	PRPI	GOOD	IRI	87	2020	DIST	90	RIDE	3.41	PRPI	GOOD	IRI	88	2021	DIST	91	RIDE	3.24	PRPI	GOOD	IRI	95	2022	DIST	92	RIDE	3.21	PRPI	GOOD	IRI	97	2023	DIST	91	RIDE	3.11	PRPI	GOOD	IRI	102	2024	DIST	91	RIDE	2.83	PRPI	GOOD	IRI	115

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT	RUT BP	RUT RT
96	2.70	92	0.10	122.00	POOR	N/A	N/A	3	0	0	2	0	0
97	2.66	86	0.11	124.00	POOR	N/A	N/A	3	0	4	5	0	2
98	3.19	92	0.11	98.00	GOOD	N/A	N/A	3	0	1	3	0	0
99	2.78	92	0.12	118.00	GOOD	N/A	N/A	3	0	1	3	0	0
AVG	2.83	91	0.11	115.50	GOOD	N/A	N/A	3	0	2	3	0	1

9 OCCURS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		38.0				1972	58				
5.0 AGGREGATE BASE		34.0				1972					
1.5 HOT BIT PAVEMENT		32.0		MC-3000		1974		20			
DISTRICT CHIP SEAL				HFMS-2		1989	28				
DISTRICT CHIP SEAL		32.0		MC-3000	43	1999	27				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003			15310	1	
2.0 HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	419	10	17107	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	119		18070	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	193		23837	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1804	N		99.000	0.1500	108.000	0.1480	8.9846	2.0	24.0	2.0	3.5	5.0	38.0	28.0	23	235 2023	10	51	24	2024	FLEX	ASPHT	RCL	3	1974	2011	2011	F CHIP SEAL
4 MI NW OF BIS TO CO LINE																		2015	DIST 89	RIDE 3.51	PRPI	GOOD	IRI	83					
																		2016	DIST 89	RIDE 3.60	PRPI	GOOD	IRI	79					
																		2017	DIST 89	RIDE 3.45	PRPI	GOOD	IRI	86					
																		2018	DIST 94	RIDE 3.39	PRPI	GOOD	IRI	88					
																		2019	DIST 92	RIDE 3.50	PRPI	GOOD	IRI	83					
																		2020	DIST 90	RIDE 3.37	PRPI	GOOD	IRI	90					
																		2021	DIST 91	RIDE 3.37	PRPI	GOOD	IRI	89					
																		2022	DIST 92	RIDE 3.20	PRPI	GOOD	IRI	98					
																		2023	DIST 91	RIDE 3.21	PRPI	GOOD	IRI	97					
																		2024	DIST 91	RIDE 2.89	PRPI	GOOD	IRI	113					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
100	2.88	87	0.14	113.00	GOOD	N/A	N/A	3	0	3	4	0	0	2	0
101	2.92	92	0.11	111.00	GOOD	N/A	N/A	3	0	0	4	0	0	0	0
102	3.04	92	0.12	106.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
103	2.96	89	0.12	109.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0
104	3.19	93	0.15	98.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
105	2.93	92	0.13	111.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
106	2.25	91	0.14	145.00	POOR	N/A	N/A	3	0	0	3	0	0	2	0
107	2.35	91	0.16	140.00	POOR	N/A	N/A	3	0	1	2	0	0	2	0
108	3.47	91	0.11	85.00	GOOD	N/A	N/A	3	0	0	3	0	0	2	0
AVG	2.89	91	0.13	113.11	GOOD	N/A	N/A	3	0	1	3	0	0	1	0

9 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		38.0				1972	142				
5.0 AGGREGATE BASE		34.0				1972					
1.5 HOT BIT PAVEMENT		32.0		MC-3000		1974		20			
DISTRICT CHIP SEAL				HFMS-2		1989	67				
DISTRICT CHIP SEAL		32.0		MC-3000	43	1999	65				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	135		15310	1	
2.0 HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	1024	10	17107	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	291		18070	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	473		23837	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																				
1	1804	N		108.000	0.1480	112.000	0.0000	3.8599	2.0	24.0	2.0	4.0	6.0	36.0	28.0	25	235 2023	10	49	24	2024	FLEX	ASPHT	RCL	3	1976	2011	2011	F CHIP SEAL																																																																				
CO LN NW BISMARCK																		2015	DIST 90	RIDE	3.79	PRPI	GOOD	IRI	70	2016	DIST 90	RIDE	3.84	PRPI	GOOD	IRI	68	2017	DIST 87	RIDE	3.70	PRPI	GOOD	IRI	74	2018	DIST 95	RIDE	3.74	PRPI	GOOD	IRI	72	2019	DIST 94	RIDE	3.75	PRPI	GOOD	IRI	72	2020	DIST 92	RIDE	3.77	PRPI	GOOD	IRI	71	2021	DIST 92	RIDE	3.77	PRPI	GOOD	IRI	71	2022	DIST 92	RIDE	3.69	PRPI	GOOD	IRI	74	2023	DIST 93	RIDE	3.69	PRPI	GOOD	IRI	75	2024	DIST 93	RIDE	3.59	PRPI	GOOD	IRI	79

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
109	3.59	92	0.12	79.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
110	3.60	94	0.14	79.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0
111	3.59	93	0.16	79.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0
AVG	3.59	93	0.14	79.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0

8 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		36.0				1972					
5.0 AGGREGATE BASE		34.0				1975					
2.0 HOT BIT PAVEMENT		31.0		200-300		1976	186	20			
DISTRICT CHIP SEAL		31.0		MC-3000		1994	30				
INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003			15310	1	
2.0 HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	440	10	17107	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	125		18070	1	
FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	203		23837	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	N		112.000	0.0000	113.383	0.0000	1.3814	2.0	24.0	2.0	4.0	6.0	36.0	28.0	25	240 2023	10	49	24	2024	FLEX	ASPHT	RCL	3	1976	2011	2011	F CHIP SEAL					
4 MI NW OF CO LN TO JCT 83																		2015	DIST 87	RIDE 3.23	PRPI	GOOD	IRI 97											
																		2016	DIST 87	RIDE 3.19	PRPI	GOOD	IRI 99											
																		2017	DIST 87	RIDE 2.83	PRPI	GOOD	IRI 117											
																		2018	DIST 94	RIDE 2.97	PRPI	GOOD	IRI 110											
																		2019	DIST 93	RIDE 2.95	PRPI	GOOD	IRI 111											
																		2020	DIST 92	RIDE 3.13	PRPI	GOOD	IRI 102											
																		2021	DIST 92	RIDE 2.78	PRPI	GOOD	IRI 121											
																		2022	DIST 94	RIDE 2.86	PRPI	GOOD	IRI 115											
																		2023	DIST 92	RIDE 2.89	PRPI	GOOD	IRI 114											
																		2024	DIST 92	RIDE 3.43	PRPI	GOOD	IRI 87											

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	BC	RW	BP	RT
112	3.36	92	0.14	90.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0
113	3.49	92	0.13	84.00	POOR	N/A	N/A	3	0	1	3	0	0	0	0
AVG	3.43	92	0.14	87.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		36.0				1972					
5.0	AGGREGATE BASE		34.0				1975					
2.0	HOT BIT PAVEMENT		31.0		200-300		1976	66	20			
	DISTRICT CHIP SEAL		31.0		MC-3000		1994	11				
	INT CONT PATCH-1.25"		24.0		PG 58-28	27	2003	15		15310		1
2.0	HOT BIT PAVEMENT	2.0	24.0	2.0	PG 58-28	29	2011	157	10	17107		1
	FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2015	45		18070		1
	FEDERAL AID CHIP SEAL		28.0		CRS2P	41	2024	73		23837		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
1	1804	S		72.193	0.0000	74.000	0.3656	2.1346	8.0	24.0		4.5	15.0	44.7	39.5	60	2014 2022	33	18	15			FLEX	ASPHT	UCL	1	2007	2023	2023	HBP-SUPERPAV														
SIGNAL STREET N TO SOUTH OF 48TH AVE																																												
																				2015	DIST	86	RIDE	3.54	PRPI	GOOD	IRI	81																
																				2016	DIST	86	RIDE	3.65	PRPI	GOOD	IRI	77																
																				2017	DIST	84	RIDE	3.46	PRPI	GOOD	IRI	85																
																				2018	DIST	87	RIDE	3.31	PRPI	FAIR	IRI	92																
																				2019	DIST	84	RIDE	3.33	PRPI	GOOD	IRI	91																
																				2020	DIST	85	RIDE	3.31	PRPI	GOOD	IRI	93																
																				2021	DIST	84	RIDE	3.25	PRPI	GOOD	IRI	95																
																				2022	DIST	83	RIDE	3.17	PRPI	GOOD	IRI	99																
																				2023	DIST	99	RIDE	4.40	PRPI	GOOD	IRI	43																
																				2024	DIST	94	RIDE	4.29	PRPI	GOOD	IRI	48																

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
73	4.33	94	0.13	46.00	GOOD	N/A	N/A	3	0	1	1	0	0
74	4.24	93	0.12	50.00	GOOD	N/A	N/A	3	0	0	3	0	0
AVG	4.29	94	0.13	48.00	GOOD	N/A	N/A	3	0	1	2	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WDH (FT)	RDWY WDH (FT)	RSHL WDH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
15.0	GRADE		45.0				2007			945	1	
15.0	SALVAGED AGGR BASE		42.0				2007			945	1	
2.5	HBP-SUPERPAVE-FAA 45	8.0	24.0		PG 58-28	SP	2007	3219	20	945	1	
2.0	HBP-SUPERPAVE-FAA 45	8.0	24.0		PG 58-34	SP	2007			945	1	
	FEDERAL AID CHIP SEAL	7.5			CRS2P	41	2011			18823	1	
	MICROSURFACING		24.0			MC	2011			18823	1	
-1.2	MILLING		32.0				2023			23223	1	
1.2	HBP-SUPERPAVE-FAA 45	8.0	24.0		PG58H-34	SP	2023	318	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	1804	S		74.000	0.3656	75.000	0.5970	1.2275	8.0	24.0	7.5	5.5	15.0	60.0	39.5	55	3908 2022	20	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV																																																																														
SOUTH OF 48TH AVE TO FT LINCOLN																		2015	DIST	79	RIDE	3.01	PRPI	FAIR	IRI	107	2016	DIST	74	RIDE	3.27	PRPI	GOOD	IRI	95	2017	DIST	77	RIDE	2.93	PRPI	FAIR	IRI	111	2018	DIST	82	RIDE	2.81	PRPI	POOR	IRI	116	2019	DIST	80	RIDE	2.53	PRPI	FAIR	IRI	131	2020	DIST	83	RIDE	2.63	PRPI	POOR	IRI	126	2021	DIST	81	RIDE	2.60	PRPI	POOR	IRI	127	2022	DIST	77	RIDE	2.56	PRPI	POOR	IRI	129	2023	DIST	99	RIDE	4.30	PRPI	GOOD	IRI	48	2024	DIST	88	RIDE	4.16	PRPI	GOOD	IRI	54

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
75	4.16	88	0.12	54.00	GOOD	N/A	N/A	6	0	2	3	0	0	0
AVG	4.16	88	0.12	54.00	GOOD	N/A	N/A	6	0	2	3	0	0	0

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		42.0				2003	1293		14189	1	
	15.0	SALVAGED BIT BASE	8.0	31.5				2003			14189	1	
	3.5	HOT BIT PAVEMENT	8.0	31.5		PG 58-28	33	2003		20	14189	1	
	2.0	HOT BIT PAVEMENT	8.0	31.5		PG 58-34	33	2003			14189	1	
		MICROSURFACING	8.0	31.5				2007	80		16452	1	
	-1.2	MILLING		39.5				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45	8.0	31.5		PG58H-34	SP	2023	218	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
1	1804	S		75.000		0.5970	76.000		0.8931	1.3300	8.0	24.0	6.0	5.5	15.0	58.5	38.0	59	4883 2022	20	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV																		
																								2015		DIST	69	RIDE	2.19	PRPI	POOR	IRI	149																
																								2016		DIST	74	RIDE	3.41	PRPI	GOOD	IRI	88																
																								2017		DIST	74	RIDE	3.31	PRPI	GOOD	IRI	93																
																								2018		DIST	82	RIDE	3.33	PRPI	FAIR	IRI	92																
																								2019		DIST	69	RIDE	2.57	PRPI	FAIR	IRI	129																
																								2020		DIST	84	RIDE	3.18	PRPI	GOOD	IRI	99																
																								2021		DIST	82	RIDE	3.05	PRPI	GOOD	IRI	105																
																								2022		DIST	83	RIDE	2.95	PRPI	GOOD	IRI	109																
																								2023		DIST	99	RIDE	4.45	PRPI	GOOD	IRI	41																
																								2024		DIST	90	RIDE	4.34	PRPI	GOOD	IRI	46																

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
76	4.34	90	0.09	46.00	GOOD	N/A	N/A	3	0	3	3	0	0	0
AVG	4.34	90	0.09	46.00	GOOD	N/A	N/A	3	0	3	3	0	0	0

7 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		42.0				2003	1358		14189	1	
	15.0	SALVAGED BIT BASE	8.0	30.0				2003			14189	1	
	3.5	HOT BIT PAVEMENT	8.0	30.0		PG 58-28	33	2003		20	14189	1	
	2.0	HOT BIT PAVEMENT	8.0	30.0		PG 58-34	33	2003		20	14189	1	
		MICROSURFACING	8.0	30.0				2007	86		16452	1	
	-1.2	MILLING		38.0				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45	8.0	30.0		PG58H-34	SP	2023	238	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	FROM OFFSET (XX)	TO REF	TO PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																
1	1804	S		76.000		0.8931	77.000		0.4361	0.5568		24.0	6.0	5.5	15.0	33.0	30.0	64	5285 2022	20	22	15		FLEX	ASPHT	UCL	1	2003	2023	2023	HBP-SUPERPAV																
																							2015	DIST	77	RIDE	2.94	PRPI	FAIR	IRI	110																
																							2016	DIST	77	RIDE	2.72	PRPI	FAIR	IRI	121																
																							2017	DIST	80	RIDE	2.79	PRPI	GOOD	IRI	118																
																							2018	DIST	82	RIDE	2.61	PRPI	POOR	IRI	127																
																							2019	DIST	80	RIDE	2.68	PRPI	POOR	IRI	123																
																							2020	DIST	84	RIDE	2.83	PRPI	FAIR	IRI	115																
																							2021	DIST	86	RIDE	2.80	PRPI	FAIR	IRI	117																
																							2022	DIST	85	RIDE	2.77	PRPI	POOR	IRI	119																
																							2023	DIST	99	RIDE	4.19	PRPI	GOOD	IRI	52																
																							2024	DIST	92	RIDE	4.04	PRPI	GOOD	IRI	59																

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT AC	AVERAGE BLD	RIDE LC	DISTRESS TC	RUT BC	RUT RW	RUT BP	RUT RT
77	4.04	92	0.13	59.00	GOOD	N/A	N/A	3	0	1	3	0	0	0
AVG	4.04	92	0.13	59.00	GOOD	N/A	N/A	3	0	1	3	0	0	0

8 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		42.0				2003	582		14189	1	
15.0	SALVAGED BIT BASE		30.0				2003			14189	1	
3.5	HOT BIT PAVEMENT		30.0		PG 58-28	33	2003		20	14189	1	
2.0	HOT BIT PAVEMENT		30.0		PG 58-34	33	2003		20	14189	1	
	CURB & GUTTER CTRLN-FACE		30.0				2003			14189	1	
	MICROSURFACING		30.0				2007	36		16452	1	
-1.2	MILLING		30.0				2023			23223	1	
1.2	HBP-SUPERPAVE-FAA 45		30.0		PG58H-34	SP	2023	100	7	23223	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1804	S		77.000	0.4361	78.575	0.0000	0.7978		24.0	6.0	5.5	15.0	33.0	30.0	63	5253 2022	21	20	15		FLEX	ASPHT	UCL	1	2005	2023	2023	HBP-SUPERPAV				
BIS-N OF 12TH ST TO BIS EXPRESSWAY																		2015	DIST	76	RIDE	1.92	PRPI	POOR	IRI	165							
																		2016	DIST	74	RIDE	1.72	PRPI	POOR	IRI	177							
																		2017	DIST	74	RIDE	1.11	PRPI	POOR	IRI	223							
																		2018	DIST	84	RIDE	1.47	PRPI	POOR	IRI	194							
																		2019	DIST	84	RIDE	1.81	PRPI	POOR	IRI	171							
																		2020	DIST	85	RIDE	1.67	PRPI	POOR	IRI	181							
																		2021	DIST	86	RIDE	1.44	PRPI	POOR	IRI	196							
																		2022	DIST	83	RIDE	1.64	PRPI	POOR	IRI	182							
																		2023	DIST	98	RIDE	2.78	PRPI	POOR	IRI	118							
																		2024	DIST	88	RIDE	2.69	PRPI	POOR	IRI	123							

2005 PCN-15557 212 FEET OF CONCRETE AT NORTH END OF PROJECT STATION  
4118+34 TO 4120+46.41

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	AVERAGE RW	AVERAGE BP	AVERAGE RT
78	2.69	88	0.12	123.00	POOR	N/A	N/A	6	0	2	3	0	0	0
AVG	2.69	88	0.12	123.00	POOR	N/A	N/A	6	0	2	3	0	0	0

7 OCCURS	DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	15.0	GRADE	36.0	36.0				2005			15557	1	
	5.5	SALVAGED AGGR BASE	30.0	30.0				2005			15557	1	
	5.5	HOT BIT PAVEMENT	30.0	30.0	PG 64-34	33		2005	1385	20	15557	1	
		CURB & GUTTER CTRLN-FACE	30.0	30.0				2005			15557	1	
		MICROSURFACING	30.0	30.0				2007	52		16452	1	
	-1.2	MILLING	30.0	30.0				2023			23223	1	
	1.2	HBP-SUPERPAVE-FAA 45	30.0	30.0	PG58H-34	SP		2023	142	7	23223	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
HIGHWAY COMPONENTS DISTRICT INFO BOOK  
FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	1806	N		31.190	0.0000	34.000	0.2790	3.0929	1.3	24.0	1.3	7.5	6.0	38.0	26.5	174	1705 2023	87	34	24	2023	FLEX	ASPHT	RSC	2	1991	2005	2014	C CHIP SEAL																																																																														
JCT 24 E SOLEN N TO CANNONBALL R																		2015	DIST	87	RIDE	4.45	PRPI	GOOD	IRI	41	2016	DIST	87	RIDE	4.43	PRPI	GOOD	IRI	42	2017	DIST	87	RIDE	4.14	PRPI	GOOD	IRI	55	2018	DIST	94	RIDE	4.13	PRPI	GOOD	IRI	55	2019	DIST	94	RIDE	4.23	PRPI	GOOD	IRI	51	2020	DIST	93	RIDE	4.11	PRPI	GOOD	IRI	56	2021	DIST	94	RIDE	3.96	PRPI	GOOD	IRI	63	2022	DIST	93	RIDE	3.88	PRPI	GOOD	IRI	66	2023	DIST	93	RIDE	3.84	PRPI	GOOD	IRI	68	2024	DIST	93	RIDE	3.64	PRPI	GOOD	IRI	77

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024)	FLT	FLT	AC	AVERAGE	BLD	LC	TC	BC	RW	DISTRESS	BP	RUT	RT
31	3.77	94	0.13	71.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	0	0	0	0
32	3.79	95	0.12	70.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0	0	0	0
33	3.29	91	0.14	94.00	FAIR	N/A	N/A	3	0	3	2	0	0	0	0	0	0	0	0
34	3.72	93	0.13	73.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0	0	0
AVG	3.64	93	0.13	77.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	0	0	0	0

10 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		38.0				1971	153				
	6.0	BITUMINOUS BASE		34.0		CMS-2		1971	111	20			
	1.5	RECYCLED HOT BIT PAVMNT		33.0		200-300		1991					
	2.5	HOT BIT PAVEMENT		30.0		120-150		1991		20			
		CONTRACT CHIP SEAL		30.0		HFRS-2		1993	32				
	1.5	HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2005	194	10	15633	1	
		FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	79		17218	1	
	2.0	HBP-SUPERPAVE-FAA 43		28.0		PG 58-28	SP	2014	586	7	20598	1	
		FEDERAL AID CHIP SEAL		26.5		CRS2P	41	2017	82		21351	1	
		CONTRACT CHIP SEAL		26.5		CRS2P	41	2023	154		23835	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (CX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDT	FIN WDT	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1806	N		34.000	0.2790	43.000	0.5400	9.2460	1.3	24.0	1.3	8.3	4.0	38.0	26.5	165	1438 2022	87	34	24	2023	FLEX	ASPHT	RSC	2	1991	2005	2014	C CHIP SEAL
CANNONBALL RIVER TO NEAR FORT RICE																		2015	DIST 88	RIDE 4.37	PRPI	GOOD	IRI	44					
_INTERMITTE PATCHING PCN 14680 REF PT 39.700 TO 43.485																		2016	DIST 85	RIDE 4.21	PRPI	GOOD	IRI	51					
																		2017	DIST 85	RIDE 4.02	PRPI	GOOD	IRI	60					
																		2018	DIST 92	RIDE 3.91	PRPI	GOOD	IRI	65					
																		2019	DIST 95	RIDE 4.11	PRPI	GOOD	IRI	56					
																		2020	DIST 95	RIDE 3.90	PRPI	GOOD	IRI	65					
																		2021	DIST 93	RIDE 3.94	PRPI	GOOD	IRI	63					
																		2022	DIST 93	RIDE 3.68	PRPI	GOOD	IRI	75					
																		2023	DIST 93	RIDE 3.78	PRPI	GOOD	IRI	70					
																		2024	DIST 91	RIDE 3.37	PRPI	GOOD	IRI	89					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
35	3.69	90	0.14	75.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0	0
36	3.16	97	0.16	100.00	POOR	N/A	N/A	0	0	0	2	0	0	0	0	0
37	3.74	91	0.20	72.00	GOOD	N/A	N/A	0	0	0	2	0	0	0	0	6
38	3.63	96	0.17	77.00	GOOD	N/A	N/A	0	0	1	2	0	0	0	0	0
39	3.17	93	0.17	99.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0	0
40	3.26	91	0.16	95.00	FAIR	N/A	N/A	3	0	3	2	0	0	0	0	0
41	3.25	88	0.17	95.00	GOOD	N/A	N/A	3	0	0	2	0	0	0	0	6
42	3.11	87	0.19	102.00	GOOD	N/A	N/A	3	0	1	2	0	0	0	0	6
43	3.34	88	0.12	91.00	GOOD	N/A	N/A	6	0	2	3	0	0	0	0	0
AVG	3.37	91	0.16	89.56	GOOD	N/A	N/A	2	0	1	2	0	0	0	0	2

13 OCCURS	LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS			38.0			1967					
4.0 BITUMINOUS BASE			34.0	CMS-2		1970					
1.5 HOT BIT PAVEMENT			24.0	SC-3000		1970	249	20			
.8 RECYCLED HOT BIT PAVMNT			33.0	200-300		1991					
2.5 HOT BIT PAVEMENT			30.0	120-150		1991		20			
4.1 RECYCLED HOT BIT PAVMNT	3.0		3.0			1991					
CONTRACT CHIP SEAL			30.0	HFRS-2		1993	95				
INT CONT PATCH-1.25"			30.0	PG 58-28	27	2001	90		14680		1
1.5 HOT BIT PAVEMENT	2.5		24.0	PG 58-28	27	2005	580	10	15633		1
FEDERAL AID CHIP SEAL			29.0	CRS2P	41	2008	209		17218		1
2.0 HBP-SUPERPAVE-FAA 43			28.0	PG 58-28	SP	2014	1752	7	20598		1
FEDERAL AID CHIP SEAL			26.5	CRS2P	41	2017	390		21351		1
CONTRACT CHIP SEAL			26.5	CRS2P	41	2023	461		23835		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1806	N		43.000	0.5400	50.000	0.8260	7.2874	2.5	24.0	2.5	6.8	3.0	38.0	29.0	160	1311 2022	85	34	18		FLEX	ASPHT	RSC	2	1991	2005	2020	MICROSURFACI				
NEAR FT RICE TO HUFF																		2015	DIST 87	RIDE 3.44	PRPI	GOOD	IRI 86										
																		2016	DIST 80	RIDE 3.21	PRPI	GOOD	IRI 97										
																		2017	DIST 79	RIDE 3.14	PRPI	GOOD	IRI 100										
																		2018	DIST 92	RIDE 2.89	PRPI	POOR	IRI 112										
																		2019	DIST 92	RIDE 3.19	PRPI	GOOD	IRI 98										
																		2020	DIST 96	RIDE 3.60	PRPI	GOOD	IRI 78										
																		2021	DIST 95	RIDE 3.61	PRPI	GOOD	IRI 78										
																		2022	DIST 95	RIDE 3.49	PRPI	GOOD	IRI 84										
																		2023	DIST 92	RIDE 3.41	PRPI	GOOD	IRI 87										
																		2024	DIST 86	RIDE 3.07	PRPI	GOOD	IRI 104										

1996 SEAL HFRS2P.

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE, DISTRESS & RUT	BLD	LC	TC	BC	RW	BP	RT
44	3.13	86	0.16	101.00	GOOD	N/A	N/A	3	0	4	6	0	0	0	0	0
45	2.94	87	0.16	110.00	POOR	N/A	N/A	3	0	3	6	0	0	0	0	0
46	2.87	83	0.12	113.00	POOR	N/A	N/A	6	0	4	6	0	0	0	0	0
47	3.21	82	0.16	97.00	GOOD	N/A	N/A	6	0	1	4	0	0	0	0	6
48	3.03	88	0.12	106.00	POOR	N/A	N/A	6	0	2	3	0	0	0	0	0
49	3.37	86	0.12	90.00	GOOD	N/A	N/A	6	0	3	4	0	0	0	0	0
50	2.92	88	0.12	111.00	POOR	N/A	N/A	6	0	2	3	0	0	0	0	0
AVG	3.07	86	0.14	104.00	GOOD	N/A	N/A	5	0	3	5	0	0	0	0	1

11 OCCURS	LSHL WDTN (FT)	RDWY WDTN (FT)	RSHL WDTN (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS											
GRADED BY OTHERS		38.0				1967					
3.0 BITUMINOUS BASE		36.0		SM-K		1968					
2.0 HOT BIT PAVEMENT		24.0		85-100		1969	205	20			
.8 HOT BIT PAVEMENT		32.0		120-150		1991					
2.5 HOT BIT PAVEMENT		30.0		120-150		1991		20			
4.9 AGGREGATE BASE	3.0		3.0			1991					
CONTRACT CHIP SEAL		24.0		CHFRS-2P		1996	89				
1.5 HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2005	457	10	15633		1
FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	187		17218		1
-.7 MICROMILL		29.0				2020			22463		1
MICROSURFACING		29.0		AE	MC	2020	423	7	22463		1

ENGLISH

D	HWY	S	D	FROM REF	FROM PT OFFSET (XX)	TO REF	TO PT OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	1806	N		50.000	0.8260	62.000	0.4688	11.5995	2.5	24.0	2.5	7.3	5.0	38.0	29.0	148	1445 2022	87	34	18		FLEX	ASPHT	RSC	2	1991	2005	2020	MICROSURFACI																				
HUFF TO 1.7 MILES S OF STATE PARK																		2015	DIST	85	RIDE	3.70	PRPI	GOOD	IRI	74																							
																		2016	DIST	85	RIDE	3.44	PRPI	GOOD	IRI	86																							
																		2017	DIST	83	RIDE	3.46	PRPI	GOOD	IRI	86																							
																		2018	DIST	91	RIDE	3.16	PRPI	GOOD	IRI	100																							
																		2019	DIST	92	RIDE	3.52	PRPI	GOOD	IRI	83																							
																		2020	DIST	99	RIDE	3.70	PRPI	GOOD	IRI	74																							
																		2021	DIST	90	RIDE	3.70	PRPI	GOOD	IRI	74																							
																		2022	DIST	92	RIDE	3.50	PRPI	GOOD	IRI	83																							
																		2023	DIST	91	RIDE	3.48	PRPI	GOOD	IRI	84																							
																		2024	DIST	86	RIDE	3.08	PRPI	GOOD	IRI	103																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
51	2.90	88	0.13	112.00	FAIR	N/A	N/A	6	0	3	2	0	0	0
52	2.87	83	0.14	113.00	FAIR	N/A	N/A	9	0	4	3	0	0	0
53	3.17	87	0.10	99.00	GOOD	N/A	N/A	6	0	3	3	0	0	0
54	3.15	88	0.13	100.00	GOOD	N/A	N/A	3	0	4	4	0	0	0
55	3.10	77	0.17	103.00	GOOD	N/A	N/A	9	0	4	3	0	0	6
56	2.96	87	0.15	109.00	FAIR	N/A	N/A	6	0	3	3	0	0	0
57	3.00	85	0.14	108.00	FAIR	N/A	N/A	9	0	3	2	0	0	0
58	3.23	88	0.12	96.00	FAIR	N/A	N/A	6	0	3	2	0	0	0
59	2.94	85	0.11	110.00	POOR	N/A	N/A	6	0	3	5	0	0	0
60	3.02	82	0.10	107.00	GOOD	N/A	N/A	6	0	5	6	0	0	0
61	3.06	86	0.10	105.00	GOOD	N/A	N/A	6	0	3	4	0	0	0
62	3.51	90	0.11	83.00	GOOD	N/A	N/A	3	0	1	5	0	0	0
AVG	3.08	86	0.13	103.75	GOOD	N/A	N/A	6	0	3	4	0	0	1

11 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN)											
GRADED BY OTHERS							1965				
5.0 AGGREGATE BASE							1966				
2.0 HOT BIT PAVEMENT				120-150			1966	20			
.8 HOT BIT PAVEMENT				120-150			1991				
3.0 HOT BIT PAVEMENT				120-150			1991	20			
5.0 AGGREGATE BASE	3.0						1991				
CONTRACT CHIP SEAL		24.0		CHFRS-2P			1996	141			
1.5 HOT BIT PAVEMENT	2.5	24.0	2.5	PG 58-28	27	2005	727	10	15633	1	
FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	298		17218	1	
-.7 MICROMILL		29.0				2020			22463	1	
MICROSURFACING		29.0		AE	MC	2020	673	7	22463	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	1806	N		62.000	0.4688	63.000	1.0168	1.5492	2.5	24.0	2.5	3.8	5.0	38.0	29.0	90	1695 2022	36	28	18		FLEX	ASPHT	USC	2	1997	2020	2020	MICROSURFACI																					
1.7 S OF FT LINCOLN TO PARK ENTRANCE																		2015	DIST	82	RIDE	4.01	PRPI	GOOD	IRI	60																								
																		2016	DIST	82	RIDE	3.90	PRPI	GOOD	IRI	65																								
																		2017	DIST	85	RIDE	3.88	PRPI	GOOD	IRI	66																								
																		2018	DIST	94	RIDE	3.67	PRPI	GOOD	IRI	76																								
																		2019	DIST	92	RIDE	3.88	PRPI	GOOD	IRI	66																								
																		2020	DIST	94	RIDE	3.67	PRPI	GOOD	IRI	76																								
																		2021	DIST	91	RIDE	3.80	PRPI	GOOD	IRI	70																								
																		2022	DIST	92	RIDE	3.53	PRPI	GOOD	IRI	83																								
																		2023	DIST	91	RIDE	3.67	PRPI	GOOD	IRI	76																								
																		2024	DIST	91	RIDE	3.12	PRPI	GOOD	IRI	102																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE LC	AVERAGE TC	AVERAGE BC	RIDE RW	DISTRESS BP	RUT RT
63	3.12	91	0.13	102.00	GOOD	N/A	N/A	3	0	3	2	0	0	0
AVG	3.12	91	0.13	102.00	GOOD	N/A	N/A	3	0	3	2	0	0	0

9 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADED BY OTHERS		38.0				1965					
5.0	AGGREGATE BASE	4.0		4.0		05	1997			124	1	
.7	HOT BIT PAVEMENT		32.0		120-150	29	1997			124	1	
3.0	HOT BIT PAVEMENT	3.0	24.0	3.0	120-150	29	1997	20		124	1	
	FEDERAL AID CHIP SEAL		30.0		HFMS-2	43	1997			124	1	
	INT CONT PATCH-1.25"		38.0		PG 58-28	27	2005	10		16186	1	
	FEDERAL AID CHIP SEAL		29.0		CRS2P	41	2008	40		17218	1	
-.7	MICROMILL		29.0				2020			22463	1	
	MICROSURFACING		29.0		AE	MC	2020	90	7	22463	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																																																														
1	1806	N		63.000	1.0168	67.000	0.4428	4.2510	7.0	24.0	7.0	7.0	12.0	56.0	38.0	88	2327 2022	36	28	23	2023	FLEX	ASPHT	USC	2	1997	2012	2012	C CHIP SEAL																																																																														
FT LINCOLN STATE PARK N TO POST																		2015	DIST	88	RIDE	3.68	PRPI	GOOD	IRI	75	2016	DIST	85	RIDE	3.58	PRPI	GOOD	IRI	80	2017	DIST	82	RIDE	3.51	PRPI	GOOD	IRI	83	2018	DIST	94	RIDE	3.34	PRPI	GOOD	IRI	91	2019	DIST	93	RIDE	3.45	PRPI	GOOD	IRI	85	2020	DIST	91	RIDE	3.26	PRPI	GOOD	IRI	95	2021	DIST	91	RIDE	3.36	PRPI	GOOD	IRI	90	2022	DIST	91	RIDE	3.15	PRPI	GOOD	IRI	100	2023	DIST	92	RIDE	3.18	PRPI	GOOD	IRI	98	2024	DIST	89	RIDE	2.80	PRPI	GOOD	IRI	117

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM FLT	(2024) FLT	AVERAGE AC	RIDE BLD	DISTRESS LC	& RT TC	RUT BP	RT
64	2.72	92	0.19	121.00	POOR	N/A	N/A	3	0	2	2	0	0
65	3.09	94	0.17	103.00	GOOD	N/A	N/A	3	0	1	1	0	0
66	2.56	83	0.23	129.00	POOR	N/A	N/A	6	0	2	2	0	6
67	2.81	87	0.20	116.00	GOOD	N/A	N/A	3	0	1	2	0	6
AVG	2.80	89	0.20	117.25	GOOD	N/A	N/A	4	0	2	2	0	3

6 OCCURS		LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
DPTH (IN) COMPONENTS		56.0					1995			41	1	
12.0 AGGREGATE BASE		44.0				05	1995			41	1	
5.0 HOT BIT PAVEMENT		8.0	24.0	8.0	120-150	29	1997	20		124	1	
CONTRACT CHIP SEAL			40.0		HFMS-2	43	1997			124	1	
2.0 HBP-SUPERPAVE-FAA 43		7.0	24.0	7.0	PG 58-28	SP	2012	880	10	19928	1	
CONTRACT CHIP SEAL			38.0		CRS2P	41	2023	200		23836	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																																						
1	1806	N		67.000	0.4428	68.000	0.1759	0.9481	7.0	24.0	7.0	7.0	12.0	68.0	38.0	95	2850 2022	38	28	23	2023	FLEX	ASPHT	USC	2	1997	2012	2012	C CHIP SEAL																																						
POST NORTH TO BEGIN OF CURB & GUTTER																		2015	DIST 79	RIDE 3.27	PRPI GOOD	IRI 94	2016	DIST 73	RIDE 2.98	PRPI GOOD	IRI 108	2017	DIST 73	RIDE 3.20	PRPI GOOD	IRI 98	2018	DIST 83	RIDE 2.84	PRPI GOOD	IRI 115	2019	DIST 86	RIDE 3.10	PRPI GOOD	IRI 102	2020	DIST 82	RIDE 2.88	PRPI POOR	IRI 113	2021	DIST 78	RIDE 3.16	PRPI GOOD	IRI 100	2022	DIST 78	RIDE 2.70	PRPI POOR	IRI 122	2023	DIST 78	RIDE 2.92	PRPI FAIR	IRI 111	2024	DIST 78	RIDE 2.56	PRPI POOR	IRI 130

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
68	2.56	78	0.25	130.00	POOR	N/A	N/A	6	0	4	3	0	2	6
AVG	2.56	78	0.25	130.00	POOR	N/A	N/A	6	0	4	3	0	2	6

6 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADE	12.0	AGGREGATE BASE	68.0	44.0			05	1997			124	1	
HOT BIT PAVEMENT	5.0	HOT BIT PAVEMENT	8.0	24.0	8.0	120-150	29	1997	20		124	1	
CONTRACT CHIP SEAL		CONTRACT CHIP SEAL		40.0		HFMS-2	43	1997			124	1	
HBP-SUPERPAVE-FAA 43 CONTRACT CHIP SEAL	2.0	HBP-SUPERPAVE-FAA 43 CONTRACT CHIP SEAL	7.0	24.0	7.0	PG 58-28 CRS2P	SP	2012	196	10	19928	1	
				38.0			41	2023	47		23836	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	1806	N		68.000	0.1759	68.000	0.4979	0.3220	7.0	24.0	7.0	7.0	12.0	56.0	38.0	98	3032 2022	67	28	23	2023	FLEX	ASPHT	USC	2	1997	2012	2012	C CHIP SEAL																				
CURB & GUTTER WEST SIDE SEGMENT																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RUT BC	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

7 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0 AGGREGATE BASE		56.0			05	1997			124	1	
5.0 HOT BIT PAVEMENT		44.0			05	1997			124	1	
CURB & GUTTER CTRLN-FACE		32.0	8.0	120-150	29	1997	20		124	1	
CONTRACT CHIP SEAL		20.0				1997			124	1	
2.0 HBP-SUPERPAVE-FAA 43		40.0		HFMS-2	43	1997			124	1	
CONTRACT CHIP SEAL		24.0	7.0	PG 58-28	SP	2012	67	10	19928	1	
		38.0		CRS2P	41	2023	16		23836	1	

03/18/25

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

DT3-562-AA  
 AARBER1

PAGE 277

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																					
1	1806	N		68.000	0.4979	68.000	0.8199	0.3220	6.5	24.0	6.5	5.0	12.0	41.0	37.0	115	3960 2022	67	28	28	1997	FLEX	ASPHT	USC	2	1997	1997	1997	C CHIP SEAL																					
CURB & GUTTER WEST SIDE & EAST SIDE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																								

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE	41.0					1997			124	1	
	12.0	AGGREGATE BASE	41.0				05	1997			124	1	
	5.0	HOT BIT PAVEMENT	37.0			120-150	29	1997	20		124	1	
		CURB & GUTTER FACE-FACE	41.0					1997			124	1	
		CONTRACT CHIP SEAL	37.0			HFMS-2	43	1997			124	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB				
1	1806	N		68.000	0.8199	69.000	0.3560	0.5419	6.5	24.0	8.0	5.0	12.0	48.5	38.5	136	5719 2022	62	28	28	1997	FLEX	ASPHT	USC	2	1997	1997	1997	C CHIP SEAL				
CURB & GUTTER WEST SIDE SEGMENT																		2015	DIST 76	RIDE 2.15	PRPI	POOR	IRI 151										
																		2016	DIST 70	RIDE 1.74	PRPI	POOR	IRI 176										
																		2017	DIST 73	RIDE 1.93	PRPI	POOR	IRI 164										
																		2018	DIST 83	RIDE 1.70	PRPI	POOR	IRI 179										
																		2019	DIST 89	RIDE 2.05	PRPI	POOR	IRI 157										
																		2020	DIST 82	RIDE 1.73	PRPI	POOR	IRI 177										
																		2021	DIST 88	RIDE 2.15	PRPI	POOR	IRI 151										
																		2022	DIST 82	RIDE 1.78	PRPI	POOR	IRI 174										
																		2023	DIST 89	RIDE 2.36	PRPI	POOR	IRI 140										
																		2024	DIST 81	RIDE 1.81	PRPI	POOR	IRI 171										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
69	1.81	81	0.21	171.00	POOR	N/A	N/A	3	0	3	4	0	2	6
AVG 1.81 81 0.21 171.00 POOR N/A N/A 3 0 3 4 0 0 2 6														

5 OCCURS DPTH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
12.0	AGGREGATE BASE		48.0				1997			124	1	
5.0	HOT BIT PAVEMENT		42.0			05	1997			124	1	
	CURB & GUTTER CTRLN-FACE		38.0		120-150	29	1997	20		124	1	
	CONTRACT CHIP SEAL		18.0				1997			124	1	
			38.0		HFMS-2	43	1997			124	1	

NDDOT RIMS HIGHWAY PROJECTS - HIGHWAY COMPONENTS  
 HIGHWAY COMPONENTS DISTRICT INFO BOOK  
 FOR BISMARCK DISTRICT

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																				
1	1806	N		69.000	0.3560	69.000	0.5550	0.1990	6.5	24.0	8.0	5.0	12.0	48.5	38.5	152	11449 2022	101	28	28	1997	FLEX	ASPHT	USC	2	1997	1997	1997	C CHIP SEAL																				
SOUTH HEART RIVER TO NEAR 5TH ST SE																		2015	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2016	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2017	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2018	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2019	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2020	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2022	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2023	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							
																		2024	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A																							

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT AC	AVERAGE BLD	AVERAGE RIDE LC	DISTRESS TC	& RUT BC	RT
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	AGGREGATE BASE	48.0	42.0			05	1997			124	1	
	5.0	HOT BIT PAVEMENT	38.0			120-150	29	1997	20		124	1	
		CURB & GUTTER CTRLN-FACE	18.0					1997			124	1	
		CONTRACT CHIP SEAL	38.0			HFMS-2	43	1997			124	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB														
1	1806	N		69.000	0.5550	70.086	0.0000	0.5315		48.0		8.0	12.0	54.0	48.0	135	9874 2022	90	37	3		CONCR	JOINT	UCL	2	1988	2022	2022	CPR/GRINDING														
NEAR 5TH ST SE N TO MAIN AVE-MDN																		2015	DIST	88	RIDE	2.37	PRPI	POOR	IRI	139																	
																		2016	DIST	87	RIDE	2.50	PRPI	POOR	IRI	132																	
																		2017	DIST	85	RIDE	2.26	PRPI	POOR	IRI	145																	
																		2018	DIST	90	RIDE	2.27	PRPI	POOR	IRI	144																	
																		2019	DIST	88	RIDE	2.31	PRPI	POOR	IRI	142																	
																		2020	DIST	91	RIDE	2.48	PRPI	POOR	IRI	133																	
																		2021	DIST	94	RIDE	2.14	PRPI	POOR	IRI	152																	
																		2022	DIST	90	RIDE	2.35	PRPI	POOR	IRI	140																	
																		2023	DIST	85	RIDE	2.22	PRPI	POOR	IRI	147																	
																		2024	DIST	91	RIDE	2.41	PRPI	POOR	IRI	137																	

1998-PCN 980-TRAFFIC SIGNALS-INTERSECTION OF 1806 AND 3RD STREET.  
 PCN 22903 - ROAD DIET, ROADWAY NOW CONSISTS OF 2 16' DRIVE LANES AND A  
 16' CENTER TURM LANE

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AVG NUM (2024) FLT	AVG NUM (2024) DC	AVG NUM (2024) CB	AVG NUM (2024) LJS	AVG NUM (2024) LC	AVG NUM (2024) TC	AVG NUM (2024) TJS	AVG NUM (2024) FLT	AVG NUM (2024) BS	AVG NUM (2024) BP	AVG NUM (2024) CP
AVG	N/A	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6 OCCURS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	COST THOUS	DSN LFE	PCN	SUB	H
DEPTH (IN)						1988	725			
8.0 NON-REINF PCC		48.0				1988	615	30		
MUNICIPAL ITEMS						1988	2764			
MUNICIPAL ITEMS						1998	120	980	1	
CONCRETE PAVEMENT REPAIR		48.0				2022	1555	20	22903	1
GRINDING		48.0				2022		22903	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET	TO REF	TO OFFSET	LENGTH	LEFT SHLDR	DRVNG LANE	RIGHT SHLDR	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR	SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB						
1	1806	N		70.548	0.0000	71.000	0.1210	0.5655	12.0	24.0	12.0	8.0	8.0	54.0	48.0	165	6788 2022	155	17	17			CONCR	JOINT	UCL	3	2008	2008	2008	PCC	JOINTED					
MANDAN AVENUE (MAIN ST TO I-94)																		2015	DIST	77	RIDE	1.59	PRPI	POOR	IRI	186										
																		2016	DIST	74	RIDE	1.43	PRPI	POOR	IRI	197										
																		2017	DIST	73	RIDE	1.54	PRPI	POOR	IRI	189										
																		2018	DIST	75	RIDE	1.31	PRPI	POOR	IRI	206										
																		2019	DIST	82	RIDE	1.50	PRPI	POOR	IRI	192										
																		2020	DIST	79	RIDE	1.33	PRPI	POOR	IRI	204										
																		2021	DIST	NA	RIDE	N/A	PRPI	N/A	IRI	N/A										
																		2022	DIST	85	RIDE	1.91	PRPI	POOR	IRI	165										
																		2023	DIST	87	RIDE	1.77	PRPI	POOR	IRI	174										
																		2024	DIST	82	RIDE	1.80	PRPI	POOR	IRI	172										

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	DC	CB	LJS	LC	TC	TJS	FLT	BS	BP	CP
71	1.80	82	N/A	172.00	POOR	0.10	95	0	0	4	2	2	7	0	1	1
AVG	1.80	82	N/A	172.00	POOR	0.10	95	0	0	4	2	2	7	0	1	1

5 OCCURS	DPATH	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
		GRADE		75.0				2008			15887	1	
		8.0 SALVAGED AGGR BASE		53.0				2008			15887	1	
		8.0 NON-REINF PCC	6.0	39.0	6.0	AE	S3	2008	2707	30	15887	1	
		DOWELED						2008			15887	1	
		CURB & GUTTER FACE-FACE		51.0				2008			15887	1	

ENGLISH

D	HWY	S	D	FROM REF	FROM PT	TO REF	TO PT	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB																		
1	1806	N		71.000	0.1210	75.000	0.0000	1.2572	2.0	24.0	2.0	5.0	12.0	50.0	40.0	386	6359 2022	221	4	4		FLEX	ASPHT	UCL	2	2021	2021	2021	HBP-SUPERPAV																		
MANDAN AVENUE (I-94 TO REFINERY)																		2015	DIST	81	RIDE	3.15	PRPI	FAIR	IRI	100																					

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	NUM (2024) FLT	AC	BLD	LC	TC	BC	RW	BP	RT
72	2.17	98	0.12	150.00	POOR	N/A	N/A	0	0	0	1	0	0	0	0
AVG	2.17	98	0.12	150.00	POOR	N/A	N/A	0	0	0	1	0	0	0	0

4 OCCURS	DPATH (IN)	COMPONENTS	LSHL WIDTH (FT)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	12.0	AGGREGATE BASE		50.0			05	2021			22181	1	
	5.0	HBP-SUPERPAVE-FAA 45		40.0		PG58H28	SP	2021	4736	20	22181	1	
		CURB & GUTTER FACE-FACE		43.0				2021			22181	1	

ENGLISH

D	HWY	S	D	FROM REF PT	FROM OFFSET (XX)	TO REF PT	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WIDTH	FIN WIDTH	TAADT	AAADT	ESALS	PAV AGE	EFF PAV AGE	LAST PAV YEAR	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB
1	1806	N		75.000	0.0000	76.000	0.3450	1.3176	0.6	24.0	0.6	3.0	7.0	32.0	25.2	56	4197 2022	20	49	20	2019	FLEX	ASPHT	UCL	2	1976	2018	2018	C CHIP SEAL
I-94 NORTH 1.345 MILES																		2015	DIST	85	RIDE	3.44	PRPI	GOOD	IRI	86			
NOT OUR MAINTENANCE.																		2016	DIST	76	RIDE	3.65	PRPI	GOOD	IRI	77			
2021 PCN 22181 RP75 TO 75.552 - WIDEDENING AND TURN LANES AT 27TH ST																		2017	DIST	79	RIDE	3.20	PRPI	GOOD	IRI	98			
																		2018	DIST	96	RIDE	4.00	PRPI	GOOD	IRI	61			
																		2019	DIST	96	RIDE	3.71	PRPI	GOOD	IRI	74			
																		2020	DIST	94	RIDE	3.90	PRPI	GOOD	IRI	65			
																		2021	DIST	98	RIDE	4.03	PRPI	GOOD	IRI	59			
																		2022	DIST	92	RIDE	3.67	PRPI	GOOD	IRI	76			
																		2023	DIST	91	RIDE	3.49	PRPI	GOOD	IRI	84			
																		2024	DIST	89	RIDE	3.42	PRPI	GOOD	IRI	88			

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) FLT	AC	AVERAGE BLD	RIDE LC	DISTRESS TC	& RT	RUT BP	RT	
75	2.92	90	0.15	111.00	GOOD	N/A	N/A	3	0	0	4	0	2	0
76	3.91	88	0.13	65.00	GOOD	N/A	N/A	3	0	3	5	0	0	0
AVG	3.42	89	0.14	88.00	GOOD	N/A	N/A	3	0	2	5	0	1	0

12 OCCURS DPTH (IN)	COMPONENTS	LSHL WPTH (FT)	RDWY WPTH (FT)	RSHL WPTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
	GRADE		32.0				1956					
3.5	TRAFFIC SERVICE GRAVEL		28.0				1957					
3.5	BITUMINOUS BASE		28.0				1966		20			
2.0	HOT BIT PAVEMENT		24.0		200-300		1976		20			
	DISTRICT CHIP SEAL		24.0		HFMS-2		1992		13			
	INT CONT PATCH-1.25"		27.0		PG 58-28	27	1999	45		12845		1
	DISTRICT CHIP SEAL	2.0	24.0	2.0	MC-3000	43	2000	10				
	INT CONT PATCH-1.25"		28.0		PG 58-28	27	2007	84		17006		1
	SLURRY SEAL		28.0		SS		2011	65		18824		1
-1.0	MILLING		27.0				2018	117		22146		1
2.0	HBP-SUPERPAVE-FAA 43		25.2		PG 58-34	SP	2018	7		22146		1
	CONTRACT CHIP SEAL		25.0		CRS2P	41	2019	46		22510		1

ENGLISH

D	HWY	S	D	FROM REF	FROM OFFSET (XX)	TO REF	TO OFFSET (XX)	LENGTH (XX)	LEFT SHLDR WIDTH	DRVNG LANE WIDTH	RIGHT SHLDR WIDTH	SURF DPTH	BASE DPTH	GRAD WDTN	FIN WDTN	TAADT	AADT	ESALS	PAV AGE	EFF PAV AGE	LAST YEAR SEAL	PVMT TYPE	PVMT DESC	HWY PTY	FRT LVL	INTL CONS	PREV CONS	LTST CONS	LTST REHAB	
1	1806	N		76.000	0.3450	85.800	0.0000	9.4734	2.0	24.0	2.0	3.0	6.0	38.0	28.0	113	1578 2022	80	49	20	2019	FLEX	ASPHT	RCL	3	1976	2018	2018	C	CHIP SEAL
1.345 MI N I-94 N APPROX 9.5 MILES																														
SEVERELY DISTORTED ROADBED AT NORTH END FOR A FEW MILES. 123 CU YDS OF HOT MIX PATCHING IN 1989, 1,082 IN 1990 AND 468 IN 1991.																														
2015 DIST 83 RIDE 3.48 PRPI GOOD IRI 84																														
2016 DIST 84 RIDE 3.48 PRPI GOOD IRI 84																														
2017 DIST 81 RIDE 3.31 PRPI GOOD IRI 92																														
2018 DIST 99 RIDE 4.22 PRPI GOOD IRI 51																														
2019 DIST 99 RIDE 4.10 PRPI GOOD IRI 56																														
2020 DIST 96 RIDE 4.13 PRPI GOOD IRI 55																														
2021 DIST 96 RIDE 4.14 PRPI GOOD IRI 54																														
2022 DIST 93 RIDE 4.03 PRPI GOOD IRI 59																														
2023 DIST 92 RIDE 4.03 PRPI GOOD IRI 59																														
2024 DIST 91 RIDE 3.91 PRPI GOOD IRI 64																														

REF PT	RIDE	DST	RUT (IN)	IRI IN/MI	PRPI	AVG NUM (2024) AVERAGE RIDE, DISTRESS & RUT																									
						FLT	FLT	AC	BLD	LC	TC	BC	RW	BP	RT																
77	4.13	88	0.13	55.00	GOOD	N/A	N/A	3	0	3	5	0	0	0	0																
78	3.89	91	0.12	66.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0																
79	4.19	91	0.10	52.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0																
80	3.61	89	0.11	78.00	GOOD	N/A	N/A	3	0	3	4	0	0	0	0																
81	3.79	90	0.11	70.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0																
82	3.77	90	0.11	71.00	GOOD	N/A	N/A	3	0	3	3	0	0	0	0																
83	4.15	92	0.09	55.00	GOOD	N/A	N/A	3	0	1	3	0	0	0	0																
84	3.79	91	0.10	70.00	GOOD	N/A	N/A	3	0	1	4	0	0	0	0																
85	3.88	93	0.07	66.00	GOOD	N/A	N/A	3	0	0	3	0	0	0	0																
AVG	3.91	91	0.10	64.78	GOOD	N/A	N/A	3	0	2	4	0	0	0	0																

12 OCCURS	LSHL WIDTH (IN)	RDWY WIDTH (FT)	RSHL WIDTH (FT)	OIL/CON TYPE	CLS AGG	YEAR	COST THOUS	DSN LFE	PCN	SUB	H
GRADED BY OTHERS		38.0				1975					
6.0 AGGREGATE BASE		34.0				1976					
2.0 HOT BIT PAVEMENT		31.0		200-300		1976		20			
DISTRICT CHIP SEAL		31.0		HFMS-2		1992	95				
STRUCTURAL ITEMS						1995	158				
INT CONT PATCH-1.25"		27.0		PG 58-28	27	1999	321		12845		1
DISTRICT CHIP SEAL	3.5	24.0	3.5	MC-3000	43	2000	73				
INT CONT PATCH-1.25"		28.0		PG 58-28	27	2007	604		17006		1
SLURRY SEAL		28.0		SS	2011	467			18824		1
-1.0 MILLING		29.0				2018	1316		22146		1
2.0 HBP-SUPERPAVE-FAA 43		28.0		PG 58-34	SP	2018		7	22146		1
CONTRACT CHIP SEAL		27.0		CRS2P	41	2019	333		22510		1