



# North Dakota Department of Transportation

Grant Levi, P.E.  
Director

Jack Dalrymple  
Governor

May 20, 2016

## ADDENDUM 1 – JOB 11

TO: All prospective bidders on project SS-9-999(307), Job No. 11 scheduled for the June 10, 2016 bid opening.

The following plan and request for proposal revisions shall be made:

Plan Revisions:

**See attached summary from Jeffrey Lansink, PE; Houston Engineering, Inc., dated May 17, 2016 for an explanation.**

Request for Proposal Revisions:

**Remove and replace page 7 of 11 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed page revised 5/19/2016.**

Page 7 of 11:

Item 202 0132 REMOVAL OF BITUMINOUS SURFACING quantity has decreased from 158 to 155 SY.

Item 430 0500 COMMERCIAL GRADE HOT MIX ASPHALT quantity has decreased from 36 to 35 TON.

This addendum is to be incorporated into the bidder's proposal for this project.

Expedite bid files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> or the Department's web page (<http://www.dot.nd.gov>) and load it into the Expedite program.

Fol

CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:plm

Enclosure

May 17, 2016

**To: All prospective bidders on Project SS-9-999(307), scheduled for the June 10, 2016 bid opening.**

The following plan revisions shall be made:

**Remove and replace Section 6 sheet 1, Section 8 sheets 1, Section 40 sheet 3, Section 80 sheet 3 and Section 82 sheet 3, with the enclosed sheets revised on 5/17/16.**

Section 6 Sheet 1	- Added note 105-P01 "Coordination of Work". - Updated dates listed in note 704-P03 "Traffic Control Sequencing".
Section 8 Sheet 1	- Added note 752-P01 "Temporary Safety Fence". - Revised quantity of 202-0132 "Removal of Bituminous Surfacing" from 158 SY to 155 SY. - Revised quantity of 430-0500 "Commercial Grade Hot Mix Asphalt" from 36 Ton to 35 Ton.
Section 40 Sheet 3	- Revised removal limits in SW quadrant.
Section 80 Sheet 3	- Revised ramp configuration in SW quadrant.
Section 82 Sheet 3	- Updated point information in SW quadrant.

This addendum is to be incorporated into the bidder's proposal for this project.

Sincerely,

HOUSTON ENGINEERING, INC.



Jeffrey T. Lansink

JTL:sh

Enclosure

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BID ITEMS

Project: SS-9-999(307) (PCN-20269)

**Bidder must type or neatly print unit prices in numerals, make extensions for each item, and total. Do not carry unit prices further than three (3) decimal places.**

Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$\$	000	\$\$\$\$\$	00
001	103	0100	CONTRACT BOND	L SUM	1.				
002	202	0114	REMOVAL OF CONCRETE PAVEMENT	SY	1,677.				
003	202	0131	REMOVAL OF CURB-TYPE 1	LF	1,980.				
004	202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	155.				
005	203	0109	TOPSOIL	CY	36.				
006	216	0100	WATER	M GAL	7.				
007	252	0100	SOD	SY	216.				
008	261	0106	FIBER ROLLS 6IN	LF	477.				
009	261	0107	REMOVE FIBER ROLLS 6IN	LF	477.				
010	302	0100	SALVAGED BASE COURSE	TON	348.				
011	430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	35.				
012	702	0100	MOBILIZATION	L SUM	1.				
013	704	0100	FLAGGING	MHR	200.				
014	704	1000	TRAFFIC CONTROL SIGNS	UNIT	2,037.				
015	704	1052	TYPE III BARRICADE	EA	20.				
016	704	1060	DELINEATOR DRUMS	EA	150.				

**NOTES**

Revised 5/17/16	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-9-999(307)	6	1

- 105 – P01 COORDINATION OF WORK: Complete construction in the SW quadrant of Main St E and 3rd Ave NE without impacting existing parking stalls. Install temporary safety fence at the south joint line of the existing sidewalk.
- 202 – P01 REMOVAL OF CONCRETE: Construct a full-depth vertical saw cut along the entire length of the joint where new pavement or sidewalk abuts existing pavement. Remove material without damaging the material that is designated to remain. The sawed edge shall be free of frays or spalls. Place the new pavement to match the existing pavement and to provide a satisfactory surface profile. Include the cost of the full depth vertical saw cuts adjacent to removal areas, specified in Section 202-04 A "General", and any intermediate saw cuts performed to aid in the removal of pavements in the price bid for "Removal of Concrete".
- 202 – P02 REMOVAL OF CURB & GUTTER – TYPE I: Saw cutting may be required between the existing street pavement and curb and gutter. Include all costs associated with saw cutting required between the street pavement and curb and gutter in the price bid for "Removal of Curb & Gutter – Type I".
- 203 – P01 REGRADE BOULEVARD: Regrade areas adjacent to the project area to maintain drainage. Include all costs associated with regrading the boulevard in the price bid for "Topsoil".
- 704 – P01 CONSTRUCTION PHASING PLAN: Provide a phasing plan to the Engineer for approval prior to beginning work. Maintain pedestrian access for the duration of the project as shown in Section 100.
- Install temporary pedestrian ramps and hand rails meeting ADA requirements. Coat ramps with a non-slip material.
- 704 – P02 TRAFFIC CONTROL DEVICES: Enough traffic control devices have been provided for a single full lane closure spanning 5 sites simultaneously. Closure of the outside driving lane will be permitted during daylight hours while construction within the intersection is active. Remove temporary lane closures at the end of each working day. If ordinary operation is not restored, provide 24 hour flagger operations until normal traffic operation can be restored.. No additional payments will be made for flagging if ordinary traffic operation is not restored at the end of each working day.
- The following devices shall remain in place for the duration a construction site is active:
1. W20-1-48 – Road Work Ahead
  2. G20-2-48 – End Road Work
  3. All pedestrian crosswalk signing devices – See Section 100
  4. All lane narrowing devices – See Section 100 Sheet 3
  5. Temporary safety fence and devices adjacent to active work zones
  6. Pedestrian temporary railings and curb ramps – See Section 100 Sheet 2
- Supply and maintain temporary ramps and pedestrian rail system as shown in the plans. Include all costs associated with supplying and maintaining devices in the price bid for other traffic control items.

- 704 – P03 TRAFFIC CONTROL SEQUENCING: Phase construction to avoid impacts to City of Mandan planned events as shown. No sidewalk closures shall occur during the following events:
1. Mandan Rodeo Days – July 2-4
  2. Wild West GrillFest – August 19-20
  3. Slide the City – August 29
  4. OktoberFest Un Mandan – September 24
- Complete all interim construction phases prior to the events listed to allow pedestrian access to operate normally.
- 704 – P04 TRAFFIC CONTROL DEVICES: The traffic control devices list for each phase has been developed using traffic control signing layouts (shown in Section 100 of the plans) and Standard Drawings as listed below:
- D-704-25 Type X, to be used near the westbound lanes (1 application provided for closure of 5 intersections)
- D-704-34 Eastbound lane closure (1 application provided for closure of 5 intersections)
- 722 – P01 ADJUST INLET: Modify existing inlets within proposed curb ramps as shown in the plans. Remove the existing curb box and weld a 3/4" steel plate over the full area of the removed curb box. Pave the proposed curb over the welded steel plate. Include all costs associated with the removal of the curb box and installation and furnishing of steel plate in the price bid for "Adjust Inlet".
- 748 – P01 CURB: Include all costs associated with installation of varying height curb at the back edge of the sidewalk in the price bid for "Curb".
- 752 – P01 TEMPORARY SAFETY FENCE: Install temporary safety fence as shown in the plans per Section 752 of the Standard Specifications. Include all costs associated with but not limited to supplying, installing and removing the fence in the price bid for "Traffic Control Signs".
- 885 – 001 CAST IRON DETECTABLE WARNING PANELS: If cast iron detectable warning panels are used, provide cast iron panels with a minimum thickness of 0.2 inches.
- 970 – P01 LANDSCAPE PREPARATION: Restore all disturbed landscaping to match or exceed the condition prior to beginning construction. Include all costs associated with restoring landscaping in the price bid for "Landscape Preparation".

This document was originally issued and sealed by Jeffrey T. Lansink, Registration Number PE- 5244, on 5/17/16 and the original document is stored at the North Dakota Department of Transportation

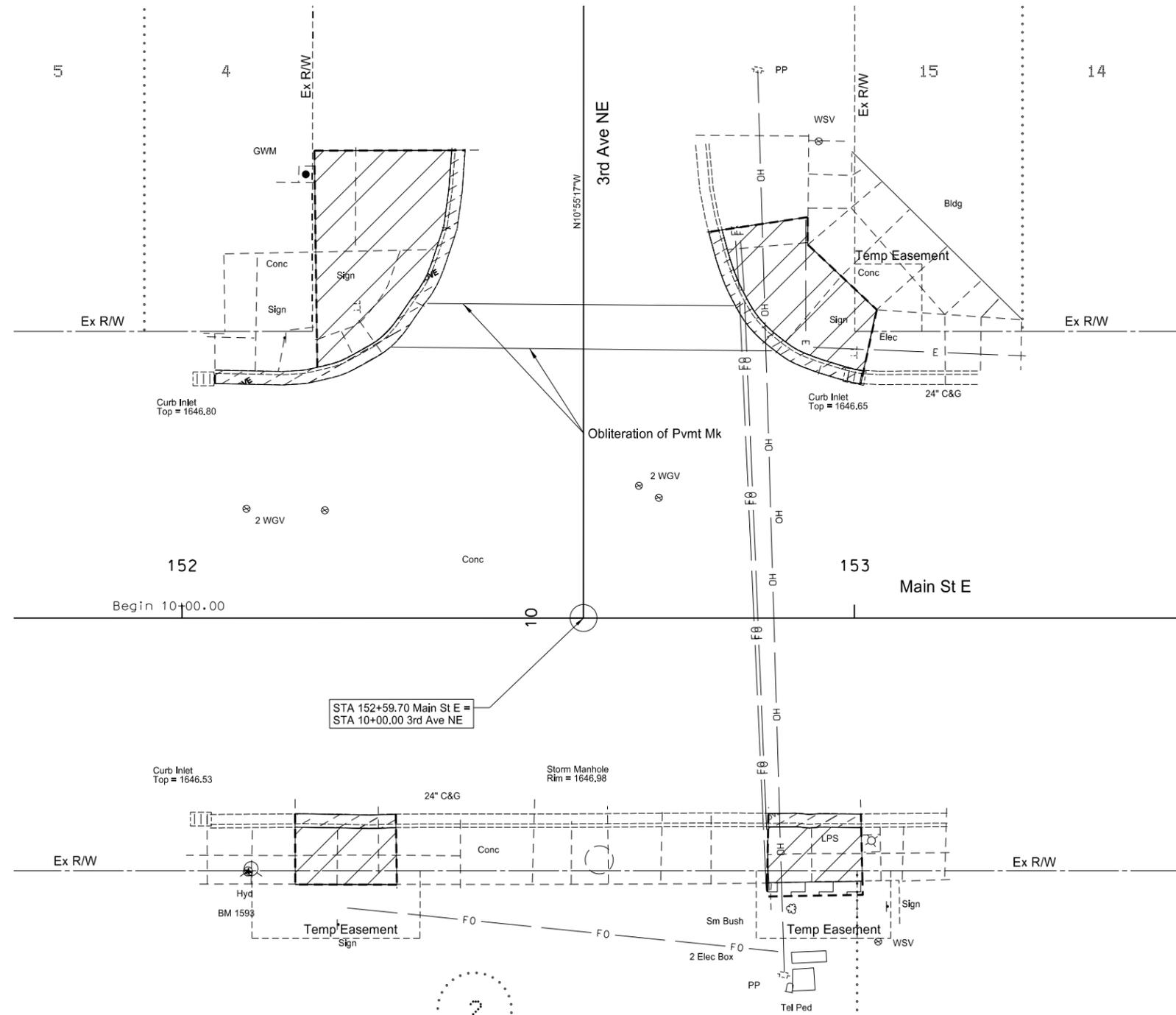
Revised 5/17/16

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-9-999(307)	8	1

SPEC	CODE	ITEM DESCRIPTION	UNIT	TOTAL
103	0100	CONTRACT BOND	L SUM	1
202	0114	REMOVAL OF CONCRETE PAVEMENT	SY	1,677
202	0131	REMOVAL OF CURB-TYPE 1	LF	1,980
202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	155
203	0109	TOPSOIL	CY	36
216	0100	WATER	M GAL	7
252	0100	SOD	SY	216
261	0106	FIBER ROLLS 6IN	LF	477
261	0107	REMOVE FIBER ROLLS 6IN	LF	477
302	0100	SALVAGED BASE COURSE	TON	348
430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	35
702	0100	MOBILIZATION	L SUM	1
704	0100	FLAGGING	MHR	200
704	1000	TRAFFIC CONTROL SIGNS	UNIT	2,037
704	1052	TYPE III BARRICADE	EA	20
704	1060	DELINEATOR DRUMS	EA	150
704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	1
704	1500	OBLITERATION OF PAVEMENT MARKING	SF	1,689
708	1540	INLET PROTECTION-SPECIAL	EA	39
708	1541	REMOVE INLET PROTECTION-SPECIAL	EA	39
722	6140	ADJUST GATE VALVE BOX	EA	5
722	6160	ADJUST INLET	EA	17
748	0140	CURB & GUTTER-TYPE I	LF	1,960
748	0540	CURB	LF	190
750	0100	SIDEWALK CONCRETE	SY	1,653
750	0150	SIDEWALK TRENCH DRAIN	EA	1
750	2115	DETECTABLE WARNING PANELS	SF	604
754	0592	RESET SIGN PANEL	EA	18
754	0593	RESET SIGN SUPPORT	EA	18
762	0420	SHORT TERM 4IN LINE-TYPE R	LF	5,460
762	0422	SHORT TERM 6IN LINE-TYPE R	LF	3,679
762	1304	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	LF	100
762	1307	PREFORMED PATTERNED PVMT MK 6IN LINE-GROOVED	LF	1,557
762	1325	PREFORMED PATTERNED PVMT MK 24IN LINE-GROOVED	LF	208
970	0008	LANDSCAPE PREPARATION	SY	18

Revised	5/17/16	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	SS-9-999(307)	40	3

Item	Description	Quantity	Unit
202-0114	Removal of Concrete Pavement		
	NW Corner - 3rd Ave NE	56	SY
	NE Corner - 3rd Ave NE	33	SY
	SW Corner - 3rd Ave NE	14	SY
	SE Corner - 3rd Ave NE	13	SY
202-0131	Removal of Curb - Type 1		
	NW Corner - 3rd Ave NE	58	LF
	NE Corner - 3rd Ave NE	33	LF
	SW Corner - 3rd Ave NE	15	LF
	SE Corner - 3rd Ave NE	14	LF
202-0132	Removal of Bituminous Surfacing		
	SE Corner - 3rd Ave NE	3	SY
704-1500	Obliteration of Pavement Marking		
	Crosswalk North - 3rd Ave NE	51	SF

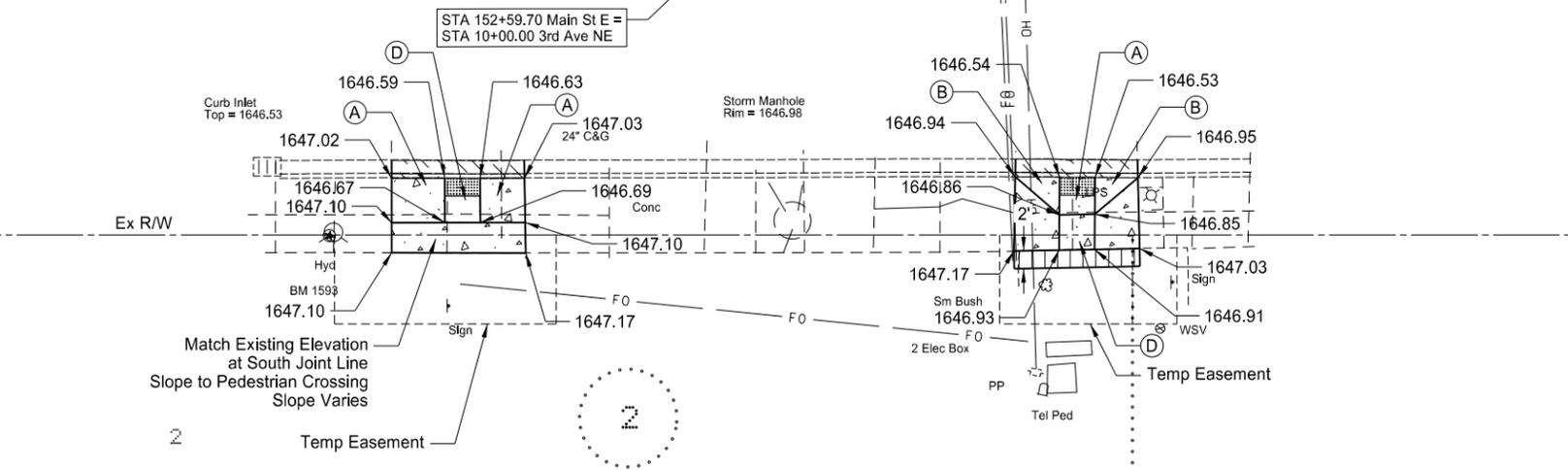
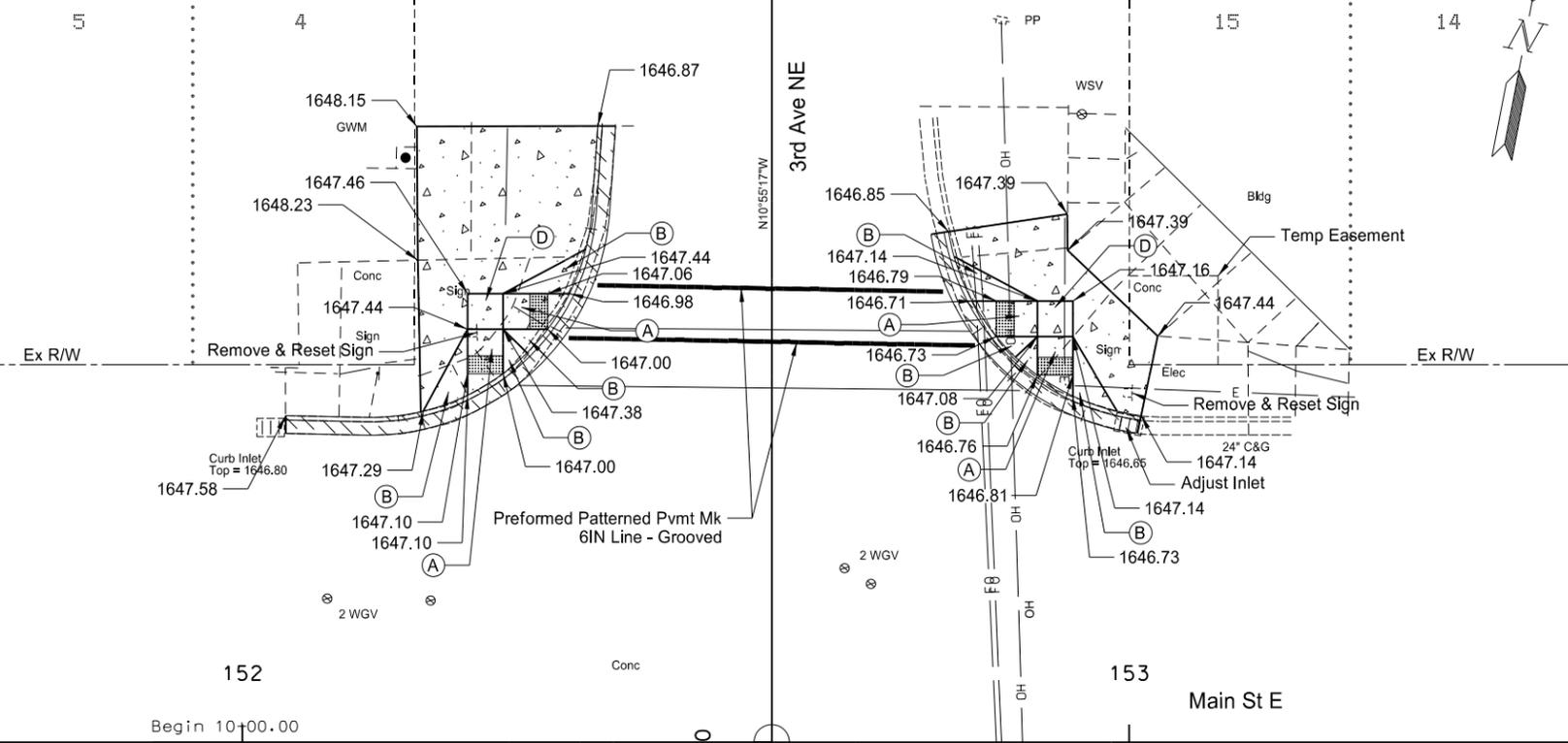


- Saw Cut
- Removal of Curb - Type 1
- Removal of Concrete
- Removal of Bituminous Surfacing

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3rd Ave NE Removals  
City of Mandan  
Curb Ramp Improvements

Revised	5/17/16	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	SS-9-999(307)	80	3



Item	Description	Quantity	Unit
302-0100	Salvaged Base Course		
	NW Corner - 3rd Ave NE	12	TON
	NE Corner - 3rd Ave NE	7	TON
	SE Corner - 3rd Ave NE	3	TON
	SW Corner - 3rd Ave NE	3	TON
430-0500	Commercial Grade Hot Mix Asphalt		
	SE Corner - 3rd Ave NE	1	TON
722-6160	Adjust Inlet		
	NE Corner - 3rd Ave NE	1	EA
748-0140	Curb & Gutter-Type I		
	NW Corner - 3rd Ave NE	57	LF
	NE Corner - 3rd Ave NE	33	LF
	SE Corner - 3rd Ave NE	14	LF
	SW Corner - 3rd Ave NE	15	LF
750-0100	Sidewalk Concrete		
	NW Corner - 3rd Ave NE	57	SY
	NE Corner - 3rd Ave NE	33	SY
	SE Corner - 3rd Ave NE	13	SY
	SW Corner - 3rd Ave NE	14	SY
750-2115	Detectable Warning Panel		
	NW Corner - 3rd Ave NE	16	SF
	NE Corner - 3rd Ave NE	16	SF
	SE Corner - 3rd Ave NE	8	SF
	SW Corner - 3rd Ave NE	8	SF
754-0592	Reset Sign Panel		
	NW Corner - 3rd Ave NE	1	EA
	NE Corner - 3rd Ave NE	1	EA
754-0593	Reset Sign Support		
	NW Corner - 3rd Ave NE	1	EA
	NE Corner - 3rd Ave NE	1	EA
762-1307	Preformed Patterned Pvmt Mk 6IN Line-Grooved		
	Crosswalk North - 3rd Ave NE	85	LF

Note: Complete construction of the SW quadrant without impacting parking stalls.

- (A) 12:1 Max Slope
- (B) 10:1 Max Flare Slope
- (C) 4:1 Max Flare Slope
- (D) 50:1 Max Landing - 4' x 4' Min.

- Concrete Sidewalk
- Detectable Warning Panel
- Curb & Gutter Type I
- Hot Bit. Pavement
- Regrade Boulevard
- Existing Joint

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3rd Ave NE Curb Ramp Layout  
City of Mandan  
Curb Ramp Improvements

Revised	5/17/16	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	SS-9-999(307)	82	3

Point	North	East	Elevation	Station	Offset	Description
9200	423540.1880	1872309.4630	1648.1500	152+19.69	-69.3179	EX CONCRETE
9201	423525.5170	1872312.4000	1648.2300	152+19.79	-54.3561	EX CONCRETE
9202	423505.4147	1872301.1155	1647.5800	152+04.89	-36.7601	EX TOP OF CURB
9203	423508.7512	1872315.9930	1647.2900	152+20.13	-37.2132	EX TOP OF CURB
9204	423544.1017	1872329.4959	1646.8700	152+40.10	-69.3595	EX TOP OF CURB
9205	423511.5767	1872320.8086	1647.1000	152+25.40	-39.0736	RAMP
9206	423514.7197	1872324.2768	1647.0000	152+29.40	-41.5015	RAMP
9207	423520.5832	1872328.2742	1647.0000	152+34.44	-46.5000	RAMP
9208	423524.9787	1872329.9379	1646.9800	152+36.90	-50.5000	RAMP
9209	423518.8690	1872319.4040	1647.4400	152+25.40	-46.5000	LANDING
9210	423522.7968	1872318.6474	1647.4600	152+25.40	-50.5000	LANDING
9211	423523.5558	1872322.5748	1647.4400	152+29.40	-50.5000	LANDING
9212	423519.6280	1872323.3313	1647.3800	152+29.40	-46.5000	LANDING
9220	423539.9293	1872370.5707	1646.8500	152+79.64	-57.4695	EX TOP OF CURB
9221	423544.4180	1872383.3580	1647.3900	152+93.04	-59.4505	EX CONCRETE
9222	423540.4400	1872384.1380	1647.3900	152+93.05	-55.3967	EX CONCRETE
9223	423532.8580	1872395.9810	1647.4400	153+03.24	-45.7054	EX CONCRETE
9224	423523.7254	1872395.8236	1647.1400	153+01.36	-36.7686	EX CONCRETE
9225	423524.4246	1872387.8562	1646.7300	152+93.67	-38.9667	RAMP
9226	423525.9775	1872383.4820	1646.7600	152+89.67	-41.3214	RAMP
9227	423529.3647	1872378.0991	1646.7300	152+85.02	-45.8684	RAMP
9228	423532.7795	1872374.6877	1646.7100	152+82.32	-49.6684	RAMP
9229	423534.1728	1872381.8979	1647.1400	152+89.66	-49.6684	LANDING
9230	423534.9318	1872385.8253	1647.1600	152+93.66	-49.6684	LANDING
9231	423531.0045	1872386.5944	1647.1400	152+93.67	-45.8684	LANDING
9232	423530.2455	1872382.6570	1647.0800	152+89.67	-45.8684	LANDING
9240	423454.5159	1872394.7538	1646.9400	152+87.17	30.9808	EX TOP OF CURB
9241	423455.4290	1872399.6697	1646.5400	152+92.17	31.0170	RAMP
9242	423456.1595	1872403.6024	1646.5300	152+96.17	31.0459	RAMP
9243	423457.0409	1872408.3471	1646.9500	153+01.00	31.0808	EX TOP OF CURB
9244	423449.2599	1872410.0461	1647.0300	153+01.19	39.0428	EX CONCRETE
9245	423448.3168	1872396.1840	1647.1700	152+87.02	39.3023	EX CONCRETE
9246	423451.2758	1872400.4412	1646.8600	152+92.14	35.2411	LANDING
9247	423452.1068	1872404.3553	1646.8500	152+96.14	35.1679	LANDING
9248	423448.2055	1872405.0799	1646.9100	152+96.11	39.1358	LANDING
9249	423447.3745	1872401.1659	1646.9300	152+92.11	39.2090	LANDING
9250	423441.0202	1872325.7225	1647.0200	152+16.84	31.1335	EX TOP OF CURB
9251	423442.1684	1872331.6021	1646.5900	152+22.83	31.1218	LANDING
9252	423442.9350	1872335.5279	1646.6300	152+26.83	31.1140	LANDING
9253	423443.8934	1872340.4356	1647.0300	152+31.83	31.1042	EX TOP OF CURB
9254	423435.6417	1872342.1639	1647.1700	152+31.96	39.5339	EX CONCRETE
9255	423432.7986	1872327.3293	1647.1000	152+16.85	39.5107	EX CONCRETE
9256	423436.1131	1872326.6816	1647.1000	152+16.85	36.1335	EX CONCRETE
9257	423437.2611	1872332.5604	1646.6700	152+22.84	36.1218	LANDING
9258	423438.0277	1872336.4862	1646.6900	152+26.84	36.1139	LANDING
9259	423438.9991	1872341.4607	1647.1000	152+31.90	36.1040	EX CONCRETE
9260	423513.9632	1872320.3490	1647.1000	152+25.40	-41.5039	RAMP
9261	423524.5105	1872327.5153	1647.0600	152+34.44	-50.5000	RAMP
9262	423533.2921	1872377.3402	1646.7900	152+85.02	-49.6684	RAMP
9263	423526.7366	1872387.4093	1646.8100	152+93.67	-41.3216	RAMP

Note: Complete construction of the SW quadrant without impacting parking stalls.

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3rd Ave NE Curb Ramp Layout  
City of Mandan  
Curb Ramp Improvements

