



October 2, 2026

ADDENDUM 2 – JOB 23324

TO: All prospective bidders on Project XA-SS-1-031(021)078, Job No. 23324 scheduled for the October 9, 2026 bid opening.

This addendum has been issued for the above referenced job. Please see the attached summary from Kirk J. Hoff, P.E. dated October 1, 2026 for an explanation of changes.

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

A handwritten signature in blue ink, appearing to read "Phillip Murdoff".

PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

PROJECT INFORMATION		
Date: 9/16/2026	Project: XA-SS-1-031(021)078	PCN: 23324
Lead Designer: SRF Consulting Group	Technical Support: Jesse Carlsen	
Bid Opening Date: 10/09/2026	Job Number: 23324	Addendum Number: 2

PLAN SHEET CHANGES		
Section	Sheet(s)	Description
2	1	Removed SSP 10 E-Ticketing and added SP 694(24) E-Ticketing (Mandatory)
2	2	Added Standard Drawing D-704-56 Mobile Operation – Grinding Shoulder Rumble Strips
8	2	Added bid item LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL per Section 6 note 704-450
8	3	Revised quantities for signing bid items. NOTE: Original perforated tube quantity of 1276LF was incorrect in the SEQ and should have been 1129LF. New perforated tube quantity is 1261 LF.
20	9	Revised sheet notes to match new weir detail from PPG to pay for soil stabilization and temporary cover crop separately from the bid price of Topsoil.
110	1-3	Revised sign calculator summary with post lengths and special sign sizes.
110	28	Revised SN 1 & SN 2 from ND Expressway to ND Conventional road sign sizes.

SPECIAL PROVISION CHANGES		
SP Number	Page(s)	Description
SSP 10		Remove SSP 10 E-Ticketing
Add SP 694(24)		Add SP 694(24) E-Ticketing (Mandatory)

BID ITEMS CHANGES					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity
704	1018	LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	NA	1
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	333	315
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	1276	1261
754	0592	RESET SIGN PANEL	EA	19	18

APPROVAL



 Kirk J. Hoff, P.E. – Design Engineer

10/1/2026

Date

BID ITEMS

Project: XA-SS-FTFA-1-031(021)078 (PCN-23324)

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	0101	REMOVAL OF CONCRETE	EA	3.				
003	202	0136	REMOVAL OF PAVEMENT	TON	30,751.				
004	202	0169	REMOVAL OF END SECTION-ALL TYPES & SIZES	EA	1.				
005	202	0170	REMOVAL OF CULVERTS-ALL TYPES & SIZES	LF	367.				
006	202	0312	REMOVE EXISTING FENCE	LF	3,402.				
007	203	0102	COMMON EXCAVATION-TYPE B	CY	16,401.				
008	203	0109	TOPSOIL	CY	144,808.				
009	203	0122	TOPSOIL-DEPT OPTION BORROW AREA	CY	44,934.				
010	203	0138	COMMON EXCAVATION-SUBCUT	CY	168.				
011	203	0140	BORROW-EXCAVATION	CY	185,755.				
012	203	0237	SUBCUT AGGREGATE	TON	786.				
013	210	0050	BOX CULVERT EXCAVATION	EA	3.				
014	210	0210	FOUNDATION FILL	CY	115.				
015	210	0405	FOUNDATION PREPARATION-BOX CULVERT	EA	3.				
016	216	0100	WATER	M GAL	4,892.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
017	251	0200	SEEDING CLASS II	ACRE	165.700				
018	251	1000	WETLAND SEED	ACRE	.700				
019	251	2000	TEMPORARY COVER CROP	ACRE	166.400				
020	253	0101	STRAW MULCH	ACRE	333.				
021	255	0102	ECB TYPE 2	SY	2,917.				
022	256	0200	RIPRAP GRADE II	CY	319.				
023	260	0100	SILT FENCE UNSUPPORTED	LF	18,022.				
024	260	0101	REMOVE SILT FENCE UNSUPPORTED	LF	18,022.				
025	261	0112	FIBER ROLLS 12IN	LF	70,579.				
026	261	0113	REMOVE FIBER ROLLS 12IN	LF	20,676.				
027	262	0100	FLOTATION SILT CURTAIN	LF	375.				
028	262	0101	REMOVE FLOTATION SILT CURTAIN	LF	375.				
029	265	0100	STABILIZED CONSTRUCTION ACCESS	EA	2.				
030	265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS	EA	2.				
031	302	0120	AGGREGATE BASE COURSE CL 5	TON	135,766.				
032	401	0050	TACK COAT	GAL	35,494.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
033	401	0060	PRIME COAT	GAL	32,357.				
034	401	0160	BLOTTER MATERIAL CL 44	TON	956.				
035	411	0100	MILLING PAVEMENT SURFACE	TON	14,153.				
036	430	0143	RAP - SUPERPAVE FAA 43	TON	61,652.				
037	430	1000	CORED SAMPLE	EA	587.				
038	430	5815	PG 58S-34 ASPHALT CEMENT	TON	3,694.				
039	602	1131	CLASS AE-3 CONCRETE-BOX CULVERT	CY	120.300				
040	602	1135	BRIDGE APPROACH SLAB-REMOVE & REPLACE	SY	188.800				
041	602	1250	PENETRATING WATER REPELLENT TREATMENT	SY	1,420.				
042	602	1300	BRIDGE DECK GROOVING	SF	10,400.				
043	602	7000	SPECIAL SURFACE FINISH	SF	1,573.				
044	612	0114	REINFORCING STEEL-GRADE 60-BOX CULVERT	LBS	18,371.				
045	650	0704	OVERLAY CONCRETE	CY	54.300				
046	650	0707	DECK CONCRETE	CY	2.600				
047	650	0710	CLASS 1-H REMOVAL	SY	977.800				
048	650	0720	CLASS 1 REMOVAL	SY	977.800				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
049	650	0723	CLASS 3 REMOVAL	SY	30.				
050	650	0724	CLASS 4 REMOVAL	SY	2.				
051	702	0100	MOBILIZATION	L SUM	1.				
052	704	0100	FLAGGING	MHR	2,320.				
053	704	1000	TRAFFIC CONTROL SIGNS	UNIT	3,819.				
054	704	1018	LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1.				
055	704	1043	ATTENUATION DEVICE-TYPE B-65	EA	2.				
056	704	1048	PORTABLE RUMBLE STRIPS	EA	2.				
057	704	1052	TYPE III BARRICADE	EA	2.				
058	704	1060	DELINEATOR DRUMS	EA	318.				
059	704	1067	TUBULAR MARKERS	EA	169.				
060	704	1185	PILOT CAR	HR	1,160.				
061	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	792.				
062	704	3510	PRECAST CONCRETE MED BARRIER-STATE FURNISHED	EA	38.				
063	706	0400	FIELD OFFICE	EA	1.				
064	706	0500	AGGREGATE LABORATORY	EA	1.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
065	706	0550	BITUMINOUS LABORATORY	EA	1.				
066	706	0600	CONTRACTOR'S LABORATORY	EA	1.				
067	709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	73,398.				
068	709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	597.				
069	714	0110	PIPE CONC REINF 12IN CL III	LF	18.				
070	714	0310	PIPE CONC REINF 18IN CL III	LF	126.				
071	714	0615	PIPE CONC REINF 24IN CL III	LF	356.				
072	714	0621	PIPE C R 24IN CL III-STORM DRAIN 7.5DEG BEND	LF	6.				
073	714	0820	PIPE CONC REINF 30IN CL III	LF	192.				
074	714	0905	PIPE CONC REINF 36IN CL III	LF	78.				
075	714	1510	PIPE CONC REINF 72IN CL III	LF	62.				
076	714	3023	END SECT-TRAVERSABLE REINF. CONC.24IN	EA	1.				
077	714	4099	PIPE CONDUIT 18IN-APPROACH	LF	192.				
078	714	4105	PIPE CONDUIT 24IN	LF	89.				
079	714	4115	PIPE CONDUIT 36IN	LF	230.				
080	714	5000	PIPE CORR STEEL .064IN 12IN	LF	23.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
081	714	5015	PIPE CORR STEEL .064IN 18IN	LF	234.				
082	714	5035	PIPE CORR STEEL .064IN 24IN	LF	41.				
083	714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	123.				
084	720	0110	RIGHT OF WAY MARKERS	EA	12.				
085	720	0130	IRON PIN R/W MONUMENTS	EA	12.				
086	748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	60.				
087	752	0100	FENCE BARBED WIRE 3 STRAND	LF	2,468.				
088	752	0200	FENCE BARBED WIRE 4 STRAND	LF	94.				
089	752	0905	TEMPORARY FENCE	LF	2,732.				
090	752	0911	TEMPORARY SAFETY FENCE	LF	2,583.				
091	752	2100	VEHICLE GATE	EA	10.				
092	752	2120	REMOVE VEHICLE GATE	EA	5.				
093	752	3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	16.				
094	752	4100	DOUBLE BRACE ASSEMBLY BARBED WIRE	EA	4.				
095	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	259.				
096	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	315.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
097	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	1,261.				
098	754	0562	REFERENCE MARKER-TYPE B	EA	17.				
099	754	0592	RESET SIGN PANEL	EA	18.				
100	754	0593	RESET SIGN SUPPORT	EA	1.				
101	754	0803	OBJECT MARKERS - TYPE III	EA	8.				
102	754	0805	OBJECT MARKERS - CULVERTS	EA	136.				
103	760	0025	SINUSOIDAL RUMBLE STRIP - ASPHALT SHOULDER	MILE	35.				
104	760	0027	SINUSOIDAL RUMBLE STRIP - ASPHALT CENTERLINE	MILE	17.				
105	762	0422	SHORT TERM 6IN LINE-TYPE R	LF	2,742.				
106	762	0426	SHORT TERM 24IN LINE-TYPE R	LF	24.				
107	762	0432	SHORT TERM 6IN LINE-TYPE NR	LF	172,584.				
108	762	1106	PVMT MK PAINTED 6IN LINE	LF	270,560.				
109	764	0131	W-BEAM GUARDRAIL	LF	545.				
110	764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	8.				
111	764	0150	REMOVE & RESET GUARDRAIL	LF	212.				
112	764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	357.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
113	764	1059	RESET W-BEAM GUARDRAIL END TERMINAL	EA	4.				
114	764	2081	REMOVE END TREATMENT & TRANSITION	EA	29.				
115	766	0100	MAILBOX-ALL TYPES	EA	17.				
116	772	2800	INTERIM TRAFFIC SIGNALS	EA	2.				
117	900	1000	TEMPORARY STREAM DIVERSION	EA	5.				
118	930	3640	HIGH EXPANSION POLYURETHANE FOAM	GAL	30.				
119	930	9223	CRACK SEALING	LF	300.				
120	930	9534	MODIFY DECK DRAIN	EA	6.				
121	930	9612	SPALL REPAIR	SF	18.				
122	930	9639	APPROACH SLAB LIP REPAIR	LF	85.				
123	930	9671	BOX CULVERT JOINT REPAIR	EA	15.				
124	930	9672	BOX CULVERT JOINT REPAIR - FLOOR	EA	9.				
			TOTAL SUM BID						

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170	1 - 38	Bridges and Box Culverts
200	1 - 334	Cross Sections

SPECIAL PROVISIONS	
Number	Description
SP 694(24)	E-Ticketing (Mandatory)
SP 294(24)	Hydrodemolition and Overlay of Concrete Bridge Decks
SP 278(24)	Concrete Spall Repair
SSP 1	Temporary Erosion and Sediment Best Management Practices
SSP 2	Federal Migratory Bird Treaty Act
SSP 4	Longitudinal Joint Density
SP 229(24)	Flexible Pavement Surface Tolerance
SP 24(24)	Permits and Environmental Considerations
SP 227(24)	Utility Coordination
SP 228(24)	Temporary Water Diversion

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D-101-10	NDDOT Utility Company and Organization Abbreviations	D-754-83	Object Markers - Culverts
D-101-20, 21	Line Styles	D-754-86	911 Sign Support Information And Sign Details
D-101-30, 31,32,33	Symbols	D-754-87	Sign Punching, Stringer And Support Location Details For Street Name Signs And 911 Signs
D-101-40	Cross Section Legend	D-760-3	Rumble Strips Undivided Highways (Shoulders 4' Or Greater)
D-203-8	Standard Rural Approaches	D-762-4	Pavement Marking
D-255-1	Bridge Approach Slab Drainage Detail	D-764-1	W-Beam Guardrail General Details
D-260-1	Erosion And Siltation Controls - Silt Fence	D-764-10	Thrie Beam Transition To Double Box Beam Retrofit
D-261-1	Erosion Control - Fiber Roll Placement Details	D-764-20	Short Term End Treatment For Bridges (Attenuation Device Method)
D-704-1	Attenuation Device	D-764-21	Short Term End Treatment For Bridges (Guardrail Method)
D-704-2	Traffic Control For Coring Of Hot Bituminous Pavement	D-764-22	Typical Grading At Bridge Ends With W-Beam Guardrail
D-704-4	Work Zone Business Sign Details	D-764-38	MGS Flared Energy Absorbing Terminal - Wood Post
D-704-7	Breakaway Systems For Construction Zone Signs - Perforated Tube	D-764-39	MGS Slotted Rail Terminal - Steel Post
D-704-8	Breakaway Systems For Construction Zone Signs - U-Channel Post	D-764-40	MGS W-Beam Guardrail General Details
D-704-9	Construction Sign Details - Terminal And Guide Signs	D-764-48	Typical Grading at Bridge Ends with MGS W-Beam Guardrail
D-704-10	Construction Sign Details - Regulatory Signs	D-764-60	MGS W-Beam Transition with Approach Curb to Concrete Single Slope or Jersey Barrier
D-704-11, 11A	Construction Sign Details - Warning Signs	D-764-62	Jersey Barrier to Thrie Beam Connector Plate Details
D-704-13	Barricade And Channelizing Device Details	D-766-1	Mailbox Location Details
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D-704-17	Sign Layout For One Lane Closure Two Lane Roadway		
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D-704-20	Terminal And Seal Coat Sign Layouts		
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D-704-24	Shoulder Closures And Bridge Painting Layouts		
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D-704-50	Portable Sign Support Assembly		
D-704-51	Portable Precast Concrete Median Barrier (Temporary Usage)		
D-704-56	Mobile Operation - Grinding Shoulder Rumble Strips		
D-714-1	Reinforced Concrete Pipe Culverts And End Sections (Round Pipe)		
D-714-4	Round Corrugated Steel Pipe Culverts And End Sections		
D-714-26	Transverse Mainline Pipe Installation Detail - Pipes 4 Feet or Less Below Top of Subgrade		
D-748-1	Curb & Gutter And Valley Gutter		
D-752-3	Standard Woven Wire Fence		
D-754-11	State Highway Route Shield Detail		
D-754-19	(Conventional Use) Reference Markers		
D-754-23	Perforated Tube Assembly Details		
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D-754-24A	Breakaway Coupler System For Perforated Tubes		
D-754-26, 27,28,29,32,33	Sign Punching, Stringer and Support Location Details Regulatory, Warning and Guide Signs		
D-754-47, 48,49	Sign Punching, Stringer and Support Location Details For Variable Length Signs		
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Estimated Quantities

Revised	9/29/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	XA-SS-1-031(021)078	8	2

			Mainline:		
SPEC	CODE	ITEM DESCRIPTION	UNIT		TOTAL
650	0720	CLASS 1 REMOVAL	SY	977.8	977.8
650	0723	CLASS 3 REMOVAL	SY	30	30
650	0724	CLASS 4 REMOVAL	SY	2	2
702	0100	MOBILIZATION	L SUM	1	1
704	0100	FLAGGING	MHR	2320	2320
704	1000	TRAFFIC CONTROL SIGNS	UNIT	3819	3819
704	1018	LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1	1
704	1043	ATTENUATION DEVICE-TYPE B-65	EA	2	2
704	1048	PORTABLE RUMBLE STRIPS	EA	2	2
704	1052	TYPE III BARRICADE	EA	2	2
704	1060	DELINEATOR DRUMS	EA	318	318
704	1067	TUBULAR MARKERS	EA	169	169
704	1185	PILOT CAR	HR	1160	1160
704	1500	OBLITERATION OF PAVEMENT MARKING	SF	792	792
704	3510	PRECAST CONCRETE MED BARRIER-STATE FURNISHED	EA	38	38
706	0400	FIELD OFFICE	EA	1	1
706	0500	AGGREGATE LABORATORY	EA	1	1
706	0550	BITUMINOUS LABORATORY	EA	1	1
706	0600	CONTRACTOR'S LABORATORY	EA	1	1
709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	73398	73398
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	597	597
714	0110	PIPE CONC REINF 12IN CL III	LF	18	18
714	0310	PIPE CONC REINF 18IN CL III	LF	126	126
714	0615	PIPE CONC REINF 24IN CL III	LF	356	356
714	0621	PIPE C R 24IN CL III-STORM DRAIN 7.5DEG BEND	LF	6	6
714	0820	PIPE CONC REINF 30IN CL III	LF	192	192
714	0905	PIPE CONC REINF 36IN CL III	LF	78	78
714	1510	PIPE CONC REINF 72IN CL III	LF	62	62
714	3023	END SECT-TRAVERSABLE REINF. CONC.24IN	EA	1	1
714	4099	PIPE CONDUIT 18IN-APPROACH	LF	192	192
714	4105	PIPE CONDUIT 24IN	LF	89	89
714	4115	PIPE CONDUIT 36IN	LF	230	230
714	5000	PIPE CORR STEEL .064IN 12IN	LF	23	23
714	5015	PIPE CORR STEEL .064IN 18IN	LF	234	234
714	5035	PIPE CORR STEEL .064IN 24IN	LF	41	41
714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	123	123
720	0110	RIGHT OF WAY MARKERS	EA	12	12
720	0130	IRON PIN R/W MONUMENTS	EA	12	12
748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	60	60
752	0100	FENCE BARBED WIRE 3 STRAND	LF	2468	2468
752	0200	FENCE BARBED WIRE 4 STRAND	LF	94	94
752	0905	TEMPORARY FENCE	LF	2732	2732
752	0911	TEMPORARY SAFETY FENCE	LF	2583	2583
752	2100	VEHICLE GATE	EA	10	10
752	2120	REMOVE VEHICLE GATE	EA	5	5
752	3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	16	16
752	4100	DOUBLE BRACE ASSEMBLY BARBED WIRE	EA	4	4

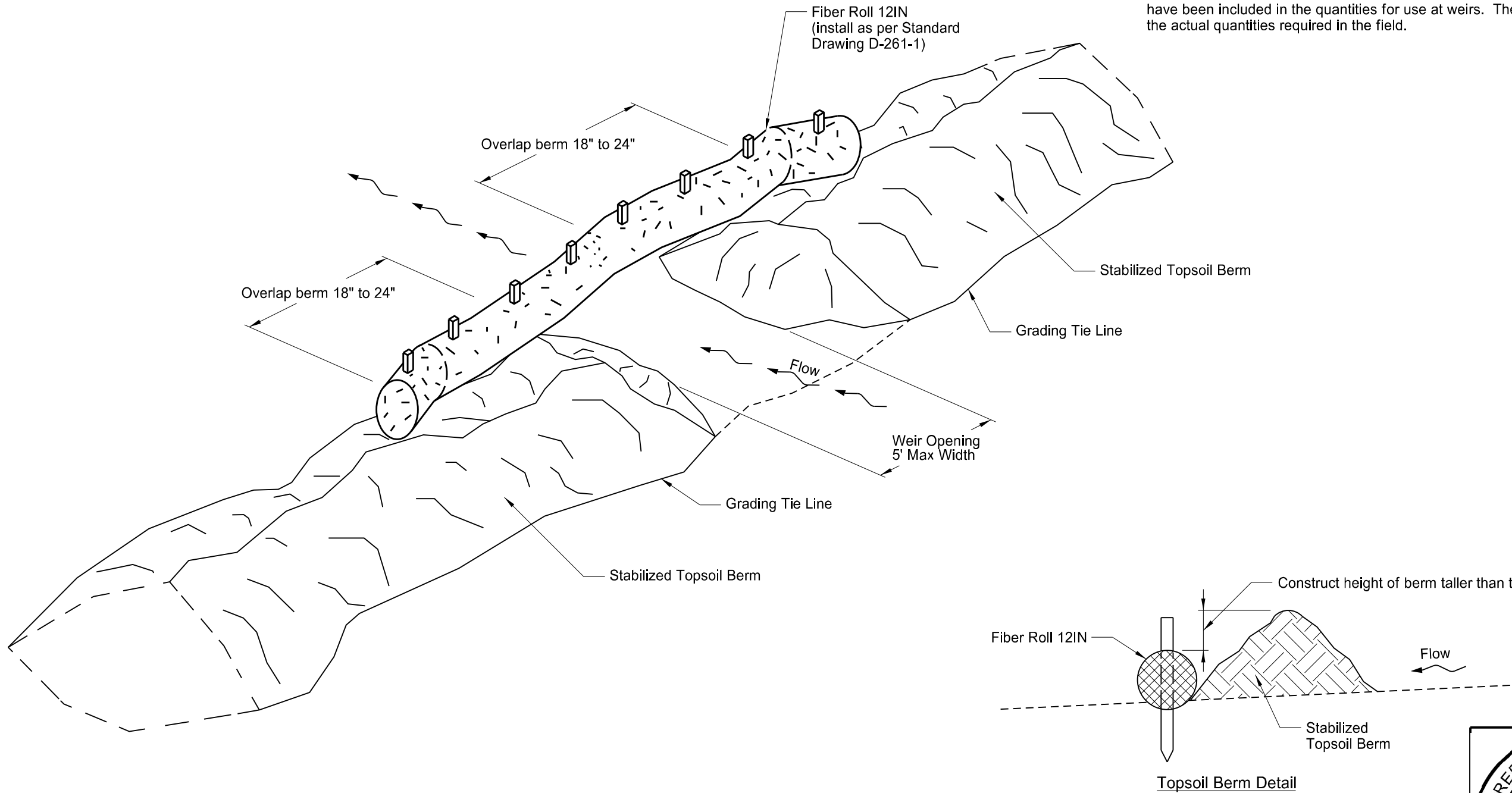
Estimated Quantities

Revised	9/29/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	XA-SS-1-031(021)078	8	3

			Mainline:		
SPEC	CODE	ITEM DESCRIPTION	UNIT		TOTAL
754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	259	259
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	315	315
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	1261	1261
754	0562	REFERENCE MARKER-TYPE B	EA	17	17
754	0592	RESET SIGN PANEL	EA	18	18
754	0593	RESET SIGN SUPPORT	EA	1	1
754	0803	OBJECT MARKERS - TYPE III	EA	8	8
754	0805	OBJECT MARKERS - CULVERTS	EA	136	136
760	0025	SINUSOIDAL RUMBLE STRIP - ASPHALT SHOULDER	MILE	35	35
760	0027	SINUSOIDAL RUMBLE STRIP - ASPHALT CENTERLINE	MILE	17	17
762	0422	SHORT TERM 6IN LINE-TYPE R	LF	2742	2742
762	0426	SHORT TERM 24IN LINE-TYPE R	LF	24	24
762	0432	SHORT TERM 6IN LINE-TYPE NR	LF	172584	172584
762	1106	PVMT MK PAINTED 6IN LINE	LF	270560	270560
764	0131	W-BEAM GUARDRAIL	LF	545	545
764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	8	8
764	0150	REMOVE & RESET GUARDRAIL	LF	212	212
764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	357	357
764	1059	RESET W-BEAM GUARDRAIL END TERMINAL	EA	4	4
764	2081	REMOVE END TREATMENT & TRANSITION	EA	29	29
766	0100	MAILBOX-ALL TYPES	EA	17	17
772	2800	INTERIM TRAFFIC SIGNALS	EA	2	2
900	1000	TEMPORARY STREAM DIVERSION	EA	5	5
930	3640	HIGH EXPANSION POLYURETHANE FOAM	GAL	30	30
930	9223	CRACK SEALING	LF	300	300
930	9534	MODIFY DECK DRAIN	EA	6	6
930	9612	SPALL REPAIR	SF	18	18
930	9639	APPROACH SLAB LIP REPAIR	LF	85	85
930	9671	BOX CULVERT JOINT REPAIR	EA	15	15
930	9672	BOX CULVERT JOINT REPAIR - FLOOR	EA	9	9

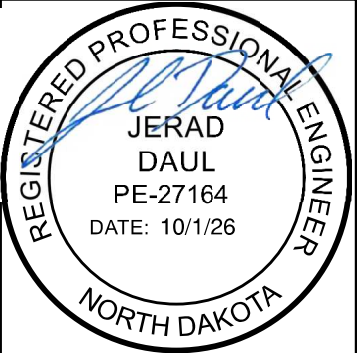
Revised 10/01/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	XA-SS-1-031(021)078	20	9

Quantities of 639 LF of Fiber Roll 12IN and 639 LF of Remove Fiber Roll 12IN have been included in the quantities for use at weirs. The Engineer will measure the actual quantities required in the field.



Notes:

1. Windrow the existing topsoil from the foreslope to create a berm at the grading tie line.
2. Stabilize berms in accordance with the Construction General Permit.
3. Place weirs intermittently throughout the length of the berm to allow stormwater to drain through the berm.
4. Avoid placing weirs adjacent to waterbodies.
5. Install fiber rolls as the weirs are created in the topsoil berm.
6. The Engineer will measure and pay for fiber rolls separately.
7. The Engineer will measure and pay for removal of fiber rolls separately when required by the specifications.
8. The Engineer will measure and pay for soil stabilization and temporary cover crop separately.
9. Include the costs to create, maintain, and dismantle the berm in the unit price bid for "Topsoil".

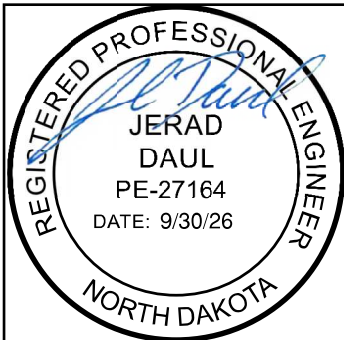


ND 31

Jct I-94 to Hannover

Temporary Topsoil Berm and Weir Detail

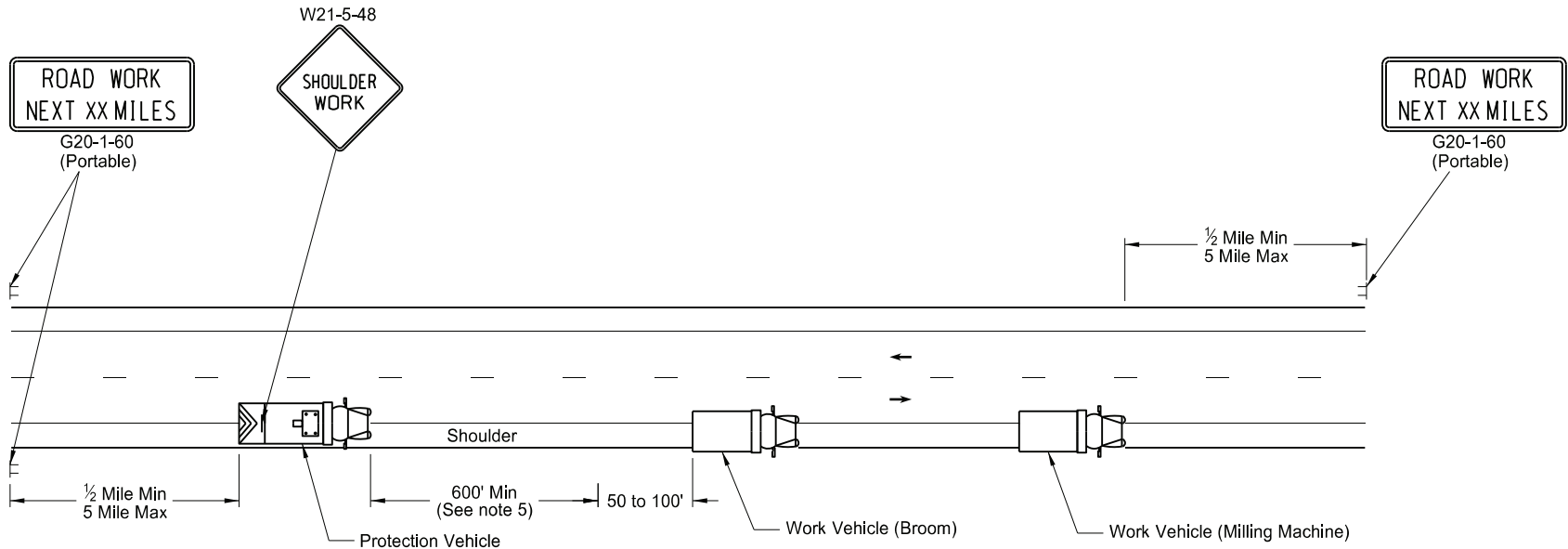
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Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clear-ance	Support Size	Max Post Len	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments							
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF	FT		LF	1st LF	2nd LF	3rd LF	4th LF															
ND 31 - Morton County																														
4125+62 Rt	Assembly 436		18.4						5.0											1		Reset M1-5-24 & M6-3-21 located in center column								
4127+01 Rt		379	8.2		12.5				5.0	2.5 x 2.5 10 ga	15.3						1	4	3 x 3 7 ga			1								
4128+57 Lt		17			16.0	12.0			5.0	2.5 x 2.5 10 ga	12.3	4.4				2.19 x 2.19 10 ga	1	4	3 x 3 7 ga			1								
4128+69 Rt		387	16.4			13.0			5.0	2.5 x 2.5 10 ga	13.7	4.2				2.19 x 2.19 10 ga	1	4	3 x 3 7 ga			1								
4129+50 Lt	SN 1		21.0			11.5	12.3		5.0	2.25 x 2.25 12 ga	15.3	2.3	3.1			2.5 x 2.5 12 ga	2	4	3 x 3 7 ga			2								
4134+29 Rt	SN 2		22.8			11.5	12.5		5.0	2.25 x 2.25 12 ga	14.2	3.0	4.0			2.5 x 2.5 12 ga	2	4	3 x 3 7 ga			2								
4134+93 Rt		17			16.0	11.9			5.0	2.5 x 2.5 10 ga	12.3	4.3				2.19 x 2.19 10 ga	1	4	3 x 3 7 ga			1								
4135+29 Lt		379	8.2			12.8			5.0	2.5 x 2.5 10 ga	15.3						1	4	3 x 3 7 ga			1								
4136+69 Lt		379	8.2			12.7			5.0	2.5 x 2.5 10 ga	15.3						1	4	3 x 3 7 ga			1								
4137+05 Rt		371	6.0			8.2			5.0	2 x 2 12 ga	10.0						1	4	2.25 x 2.25 12 ga											
4137+08 Lt		17			16.0	12.0			5.0	2.5 x 2.5 10 ga	12.3	4.4				2.19 x 2.19 10 ga	1	4	3 x 3 7 ga			1								
4137+75 Lt		387	16.4			13.1			5.0	2.5 x 2.5 10 ga	13.7	4.3				2.19 x 2.19 10 ga	1	4	3 x 3 7 ga			1								
4138+25 Rt		32			5.0	11.1			5.0	2.25 x 2.25 12 ga	13.9						1	4	2.5 x 2.5 12 ga											
4139+43 Rt		1			5.2	11.6			5.0	2.25 x 2.25 12 ga	13.7						1	4	2.5 x 2.5 12 ga											
4139+64 Lt		32			5.0	11.0			5.0	2.25 x 2.25 12 ga	13.9						1	4	2.5 x 2.5 12 ga											
4140+49 Rt	SN 3		19.3			11.9	12.6		5.0	2.25 x 2.25 12 ga	14.0	3.3	4.0			2.5 x 2.5 12 ga	2	4	3 x 3 7 ga			2								
4142+09 Rt	SN 4		3.8			13.4			5.0	2.25 x 2.25 12 ga	14.6	4.3				2.5 x 2.5 12 ga	1	4	3 x 3 7 ga			1								
4142+55 Lt	SN 5		17.5			11.7	12.7		5.0	2.25 x 2.25 12 ga	14.4	3.2	4.2			2.5 x 2.5 12 ga	2	4	3 x 3 7 ga			2								
4144+00 Lt		9			5.0	12.3			5.0	2.25 x 2.25 12 ga	15.0						1	4	2.5 x 2.5 12 ga											
4144+04 Rt		9			5.0	12.3			5.0	2.25 x 2.25 12 ga	15.0						1	4	2.5 x 2.5 12 ga											
4149+01 Lt		391	6.2			13.1			5.0	2.5 x 2.5 12 ga	15.9						1	4	3 x 3 7 ga											
4153+97 Lt		20			9.0	13.4			5.0	2.25 x 2.25 12 ga	14.7	4.4				2.5 x 2.5 12 ga	1	4	3 x 3 7 ga			1								
4156+15 Rt	SN 6		28.0			12.5	13.1	13.6	5.0	2.5 x 2.5 10 ga	16.4	2.6	3.2	3.8		2.19 x 2.19 10 ga	3	4	3 x 3 7 ga			3								
4186+49 Lt	SA 1E					11.1			5.0	2 x 2 12 ga	14.6						1	4	2.25 x 2.25 12 ga	1										
4186+75 Lt		1			5.2	9.9			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga											
4187+44 Rt		1			5.2	9.9			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga											
4240+34 Lt	SA 1E					8.2			5.0	2 x 2 12 ga	17.0						1	4	2.25 x 2.25 12 ga	1										
4291+06 Lt	SN 4		3.8			13.4			5.0	2.25 x 2.25 12 ga	14.6	4.3				2.5 x 2.5 12 ga	1	4	3 x 3 7 ga			1								
4295+95 Lt	SA 1E					11.5			5.0	2 x 2 12 ga	14.6						1	4	2.25 x 2.25 12 ga	1										
4296+22 Lt		1			5.2	9.4			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga	1										
4296+68 Rt		1			5.2	9.4			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga											
4348+95 Lt		1			5.2	9.4			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga											
4349+60 Rt		1			5.2	9.4			5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga											
																			REGISTERED PROFESSIONAL ENGINEER JERAD DAUL PE-27164 DATE: 9/30/26 NORTH DAKOTA				Sign Summary Perforated Tube ND 31 Jct I-94 to Hannover Morton and Oliver County							
9/30/26 7:23:22AM																														
Page 1 of 3																														

																		Revised 9/16/26	STATE	PROJECT NO.			SECTION NO.	SHEET NO.		
																			N.D.	XA-SS-1-031(021)078			110	2		
Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs IV SF XI SF		Sign Support Length 1st LF 2nd LF 3rd LF 4th LF				Vert Clear- ance FT	Support Size	Max Post Len LF	Sleeve Length 1st LF 2nd LF 3rd LF 4th LF				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments			
4349+86 Rt	SA 1E				11.5				5.0	2 x 2 12 ga	14.6						1	4	2.25 x 2.25 12 ga	1						
4375+35 Lt	SA 1E				7.7				5.0	2 x 2 12 ga	17.0						1	4	2.25 x 2.25 12 ga	1						
4394+20 Rt		437	8.4		13.9				5.0	2.5 x 2.5 10 ga	15.2						1	4	3 x 3 7 ga			1	Blue Background with Yellow Legend and Border			
4401+63 Lt									5.0	2 x 2 12 ga										1	1					
4401+73 Lt		1		5.2	9.4				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4402+42 Rt		1		5.2	9.4				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4410+01 Lt		437	8.4		14.1				5.0	2.5 x 2.5 10 ga	15.2						1	4	3 x 3 7 ga			1	Blue Background with Yellow Legend and Border			
4416+40 Rt		19		6.3	13.2				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
4444+58 Rt		437	8.4		14.1				5.0	2.5 x 2.5 10 ga	15.2						1	4	3 x 3 7 ga			1				
4455+39 Rt		1		5.2	9.7				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4455+65 Rt	SA 1E				11.5				5.0	2 x 2 12 ga	12.9						1	4	2.25 x 2.25 12 ga	1						
4462+82 Lt		437	8.4		13.9				5.0	2.5 x 2.5 10 ga	15.2						1	4	3 x 3 7 ga			1	Blue Background with Yellow Legend and Border			
4484+47 Lt		19		6.3	13.1				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
4507+64 Lt	SA 1E				11.5				5.0	2 x 2 12 ga	13.7						1	4	2.25 x 2.25 12 ga	1						
4507+88 Lt		1		5.2	9.4				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4538+56 Rt		19		6.3	13.1				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
4550+70 Rt		19		6.3	13.1				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
4572+89 Lt	SN 7	36	8.8		12.0				5.0	2.5 x 2.5 10 ga	12.8						1	4	3 x 3 7 ga			1				
4574+83 Rt	SN 8	36	8.8		12.2				5.0	2.5 x 2.5 10 ga	12.8						1	4	3 x 3 7 ga			1				
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9/30/26 7:23:22AM Page 2 of 3																										

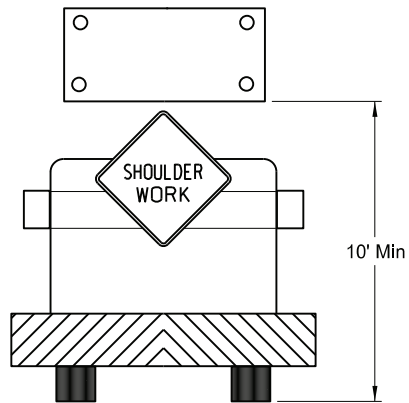
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Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clear- ance FT	Support Size	Max Post Len LF	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments			
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF				1st LF	2nd LF	3rd LF	4th LF											
ND 31 - Oliver County																										
4602+70 Lt		19		6.3	13.1				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
4627+26 Lt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
4627+96 Rt		1		5.2	9.4				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4680+77 Rt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
4706+09 Lt	SA 2E			5.2	8.2				5.0	2.5 x 2.5 12 ga	10.1						1	4	3 x 3 7 ga	1						
4768+71 Lt		19		6.3	10.8				5.0	2.25 x 2.25 12 ga	11.6						1	4	2.5 x 2.5 12 ga							
4786+41 Rt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
4838+43 Lt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
4943+59 Lt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
4989+73 Rt		19		6.3	10.8				5.0	2.25 x 2.25 12 ga	11.6						1	4	2.5 x 2.5 12 ga							
4996+43 Lt		1		5.2	9.4				5.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga							
4997+78 Rt	SA 2E			5.2	9.9				5.0	2.5 x 2.5 12 ga	11.1						1	4	3 x 3 7 ga	1						
5031+56 Rt		19		6.3	13.1				5.0	2.5 x 2.5 12 ga	14.6						1	4	3 x 3 7 ga							
5035+09 Rt	SN 11	9	5.0		12.3				5.0	2.25 x 2.25 12 ga	15.0						1	4	2.5 x 2.5 12 ga							
5037+79 Rt		391	6.2		13.1				5.0	2.5 x 2.5 12 ga	15.9						1	4	3 x 3 7 ga							
5039+79 Rt		19		6.3	11.1				5.0	2.25 x 2.25 12 ga	11.6						1	4	2.5 x 2.5 12 ga							
5041+39 Rt		9		5.0	10.5				5.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga							
5041+40 Lt		9		5.0	12.3				5.0	2.25 x 2.25 12 ga	15.0						1	4	2.5 x 2.5 12 ga							
5043+76 Rt	SN 9		6.8		11.3				5.0	2.5 x 2.5 12 ga	12.3						1	4	3 x 3 7 ga							
5046+86 Rt	SN 10		22.8		12.6	13.6			5.0	2.25 x 2.25 12 ga	14.2	4.0	5.0		2.5 x 2.5 12 ga	2	4	3 x 3 7 ga			2					
5047+61 Rt		405	12.4		13.1				5.0	2.25 x 2.25 12 ga	13.6	4.7			2.5 x 2.5 12 ga	1	4	3 x 3 7 ga			1					
5048+27 Lt		371	6.0		12.9				5.0	2.5 x 2.5 12 ga	16.2						1	4	3 x 3 7 ga							
5049+18 Lt	SA 2E			5.2	10.8				5.0	2.5 x 2.5 10 ga	13.5						1	4	3 x 3 7 ga	1		1				
5049+96 Rt		1		5.2	12.4				5.0	2.25 x 2.25 12 ga	13.7						1	4	2.5 x 2.5 12 ga							
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MOBILE OPERATION
Grinding Shoulder Rumble Strips

D-704-56

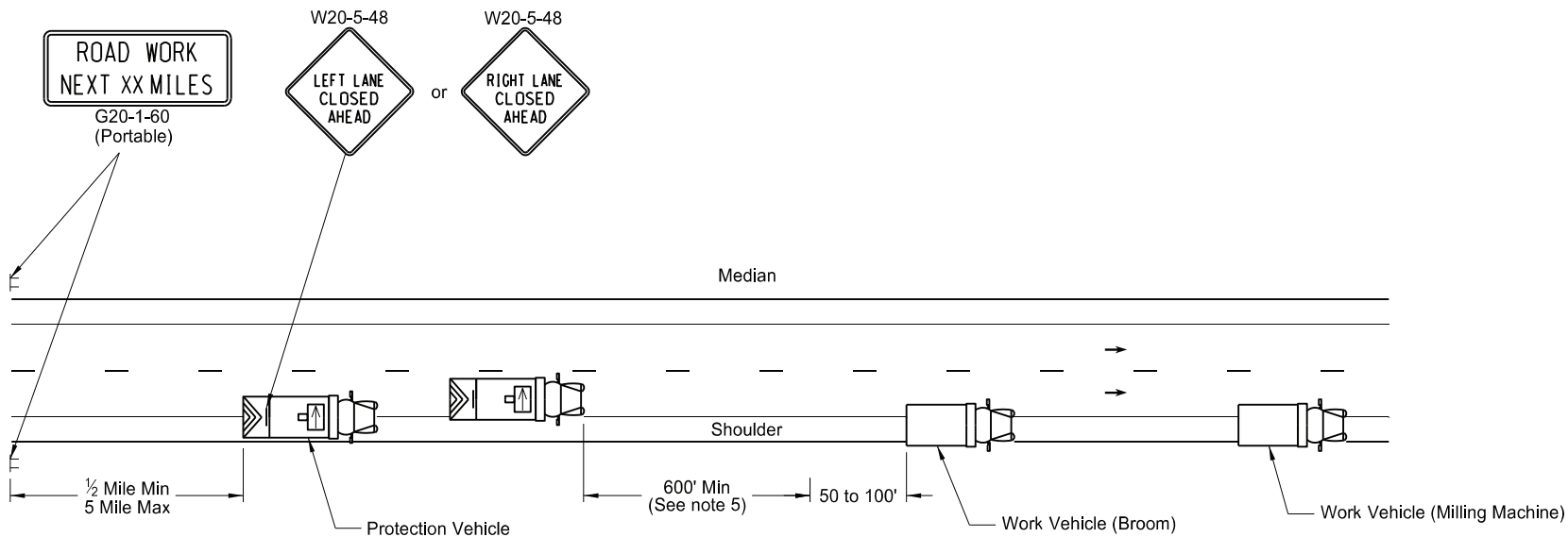


TWO LANE - TWO WAY ROADWAY

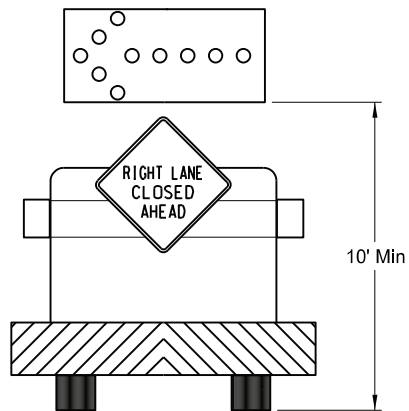


TWO LANE - TWO WAY ROADWAY

Typical Protection Vehicle with
Flashing Arrow Panel In Caution Mode



INTERSTATE & 4 LANE DIVIDED HIGHWAY

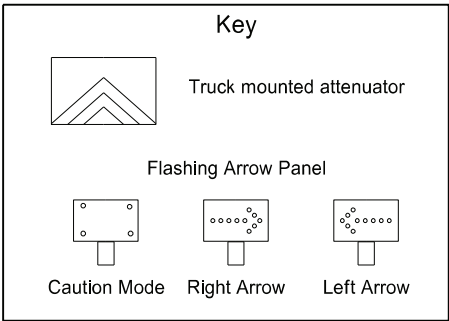


INTERSTATE & 4 LANE DIVIDED HIGHWAY

Typical Protection Vehicle with Flashing Arrow
Panel In Flashing Arrow Mode

Notes:

1. Provide truck mounted attenuators on additional vehicles in the convoy, at no additional cost.
2. Provide rotating, flashing, oscillating, or strobe lights on vehicles.
3. Provide Type B or Type C flashing arrow panels that are controlled from inside the vehicle.
4. Provide two - way electronic communication capability in each vehicle.
5. Vary vehicle spacing between the protection vehicle and work vehicle depending on sight distance restrictions. Keep the spacing of the convoy vehicles such that motorists approaching the work convoy can see the protection vehicle in time to slow down and safely pass the work vehicles.
6. Move advance Road Work Ahead signs as the work area moves through the construction zone.



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
11-15-12	
REVISIONS	
DATE	CHANGE
8-17-17	Updated notes & signs
10-03-19	New Design Engineer PE Stamp
8-02-24	Electronic Stamp/Signature



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

Job 23324, XA-SS-FTFA-1-031(021)078

Mill & Overlay, Widening, Approach Panels, Reconstruction, Bridge Deck Overlay,
Guardrail, Box Culvert Extensions

INDEX OF PROVISIONS

Road Restriction Permits

Hot Line Notice

Price Schedule for Miscellaneous Items dated January 2, 2026 (PS-1)

Required Contract Provisions Federal Aid Construction Contracts
(Form FHWA 1273 Revised June 25, 2026)

SP Certified Payrolls, dated 3-7-24

SP Project Payment Reporting

Labor Rates from U.S. Department of Labor dated July 30, 2026 (Mod. No. 3)

On-The-Job Training Program 2026

SSP 1 Temporary Erosion & Sediment Best Management Practices

SSP 2 Federal Migratory Bird Treaty Act

SSP 4 Longitudinal Joint Density

SSP 5 Limitations of Operations

SSP 8 Federal Prohibition on Certain Technological Hardware

SSP 11 Domestic Material Procurement Preferences

SSP 12 Public Liability and Property Damage Insurance

SSP 13 Federal Drone Restriction

SP 227(24) Utility Coordination

SP 228(24) Temporary Water Diversion

INDEX OF PROVISIONS

Page 2 of 2

SP 229(24) Flexible Pavement Surface Tolerance

SP 278(24) Concrete Spall Repair

SP 294(24) Hydrodemolition and Overlay of Concrete Bridge Decks

SP 694(24) E-Ticketing (Mandatory)

PSP 24(24) Permits and Environmental Considerations

Materials Pit List & Material Source Certificate

Borrow List

SP Fuel Cost Adjustment Clause

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

E-TICKETING (MANDATORY)

PROJECT # 1-031(021)078 – PCN 23324

DESCRIPTION

This work consists of providing electronic material tickets (E-Ticket) for all loads of aggregate and Hot Mix Asphalt delivered to the project. For materials under 2,000 tons, a paper ticket will be accepted according to Section 109.01 J, "Weighted Materials".

EQUIPMENT

Use an E-Ticketing application developed by Haulhub, Earthwave Technologies (FleetWatcher) or an approved equivalent accessible through Windows and the Apple App Store.

Provide the Engineer access to the E-Ticketing applications' cloud storage and cloud computing for 90 days after final acceptance of the project on mobile and desktop platforms.

The Department will have access to its current E-Ticket portal from Haulhub until June 30, 2027 and may lose access after that date. For work performed on or before June 30, 2027 E-Tickets may be submitted via the Department's or via a system that meets the requirements above. For work performed on or after July 1, 2027, provide the Department with access to the Contractor's E-Ticketing application as stated above.

CONSTRUCTION REQUIREMENTS

A. General.

30 days before materials are delivered that require E-Tickets provide the Engineer with login and access to the E-Ticketing application.

Provide on-site technical assistance and training during the initial setup to all parties requiring access to the E-Ticketing information and provide technical support during E-Ticket production

As E-Tickets are generated, submit them to the Department using an E-Ticketing application.

Payment for material weight delivered to the project will be based upon the eTickets marked "Delivered."

Do not reissue or reprint tickets that have been marked "Delivered," "Pending," or "Rejected" without first notifying the Engineer. The Engineer may reject a reissued or reprinted ticket at their discretion. When a reissued or reprinted ticket is rejected, payment will be based upon the original ticket. When a load is rejected, the Engineer will notify the Contractor that all or a portion of the load was rejected.

The Department will not pay for any load that does not have a corresponding E-Ticket unless the cause is beyond the Contractor's control. In such circumstances paper tickets may be permitted at the discretion of the Engineer.

B. Calibration and Testing.

Conduct a test of each scale location's integration with the E-Ticketing application a minimum of 15 days before utilization of the scale.

Provide at least 5 calibration E-Tickets from each supplier to be used for the project. The calibration E-Tickets must accurately record the ticket information found in the ticket information below. Mark all categories "TEST". After the Engineer confirms the calibration E-Tickets are entered correctly into the E-Ticketing application, void the E-Ticket with the reason being "Department Calibration Test".

C. Ticket Information.

1. General Information.

Provide the following information on each E-Ticket:

1. Ticket Number
2. DOT Project Number or DOT Project Control Number (PCN);
3. Date;
4. Name of Contractor or Subcontractor;
5. Time of loading;
6. Unique Truck ID;
7. Maximum Gross Vehicle Weight;
8. Material type identified by pay item name;
9. Unit of Measurement
10. Time of Delivery
11. A place for comments
12. A running total of the material placed that day.

2. Weighted Materials.

Provide the following information for each E-Ticket for weighted materials:

1. Gross weight (if not automatic weighed).
2. Tare weight (if not automatic weighed).
3. Net weight.
4. Mix design number.

Record the weight on each ticket to the nearest 0.1 ton of material weighed.

D. Summary Sheet.

For material paid for by weigh, provided an electronic daily haul summary.

- (1) NDDOT project number or NDDOT PCN (whichever is used on the weigh tickets)
- (2) Delivery date
- (3) Contractor and Subcontractor if applicable
- (4) Pit location and owner
- (5) Identification number of truck
- (6) Each load's net weight and ticket number, with justification for out of sequence numbers
- (7) Material type identified by pay item name
- (8) Total weight of material delivered to the project

- (9) Weight of material voided or “rejected” for the day
- (10) Weight of the day’s production
- (11) A signed statement from the Contractor attesting to the accuracy and completeness of the facts represented. A signed statement from a subcontractor or supplier attesting to the accuracy and completeness of the facts represented is required if they operate the scales. The statement shall consist of the following language: “I certify the Daily Haul Summary is true, accurate, and complete.”
- (12) Blank for the Engineer’s signature. Include the following language: “I certify the Daily Haul Summary has been reviewed, corrected as necessary, and approved.”
- (13) Place for comments

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Pay Item	Pay Unit
E-Ticketing	LSUM

Payment for E-Ticketing will be based on the following table:

Activity	Amount Earned
Completion of the Calibration and Testing	50%
Final Material Delivery	50%

Such payment is full compensation for furnishing all materials, equipment, labor, and incidentals to complete the work as specified.