



September 30, 2026

ADDENDUM 3 – JOB 23810

TO: All prospective bidders on Project BGR-CVD-IM-1-094(238)172, Job No. 23810 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 September 30, 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", is located below the text of the addendum.

PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

PROJECT INFORMATION		
Date: 9/29/2026	Project: BGR-CVD-IM-1-094(238)172	PCN: 23810
Lead Designer: Houston Engineering Inc	Technical Support: Aaron Derman	
Bid Opening Date: 10/9/2026	Job Number: 23810	Addendum Number: 3

PLAN SHEET CHANGES		
Section	Sheet(s)	Description
2	1	Revised Section 20 from sheet ranges 1-25 to 1-26
6	2	Revised note 302-P01 BASE COURSE
8	1-3	Revised quantities and bid items as noted below under Bid Items Changes
20	26	Added detail sheet for culvert outlet riprap aprons
77	5, 7 and 15	Added riprap aprons at the outlet of culverts at Sta 9259+59, 9345+54, 9355+54, 9647+38, 9655+88.

SPECIAL PROVISION CHANGES		
SP Number	Page(s)	Description
1(25)		Replace SP 1(25) Concrete Paving Grade Control with revised version. Updated Construction Requirement B, "Stringless Grade Control". Black bars on the left side denote changes.
6(25)		Replace SP 6(25) E-Ticketing Mandatory with revised version. Updated the equipment section of the SP. Black bars on the left side denote the change

BID ITEMS CHANGES					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity
255	0102	ECB Type 2	SY	1398	1279
256	0100	Riprap Grade I	CY	0	21
256	0200	Riprap Grade II	CY	0	61
709	0155	Geosynthetic Material Type RR	SY	0	186

APPROVAL


Kirk J. Hoff, P.E. – Design Engineer

9/30/2026
Date

BID ITEMS

Project: BGR-CVD-IM-1-094(238)172 (PCN-23810)

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	109	1000	E-TICKETING	L SUM	1.				
003	202	0136	REMOVAL OF PAVEMENT	TON	207,632.				
004	202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	2,940.				
005	202	0237	REMOVAL OF MEDIAN DRAIN PRECAST CONCRETE	EA	6.				
006	202	0312	REMOVE EXISTING FENCE	LF	57,884.				
007	202	0350	REMOVAL OF TEMPORARY BYPASS	EA	2.				
008	203	0102	COMMON EXCAVATION-TYPE B	CY	98,614.				
009	203	0109	TOPSOIL	CY	70,980.				
010	203	0113	COMMON EXCAVATION-WASTE	CY	10,541.				
011	216	0100	WATER	M GAL	4,339.				
012	220	0100	PREPARE STOCKPILE SITE	L SUM	1.				
013	220	0200	RESTORE STOCKPILE SITE	L SUM	1.				
014	230	0165	SUBGRADE PREPARATION-TYPE A-12IN	STA	52.300				
015	251	0200	SEEDING CLASS II	ACRE	118.680				
016	251	1000	WETLAND SEED	ACRE	1.470				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
017	251	2000	TEMPORARY COVER CROP	ACRE	114.740				
018	253	0061	SOIL STABILIZATION	ACRE	233.420				
019	255	0102	ECB TYPE 2	SY	1,279.				
020	256	0100	RIPRAP GRADE I	CY	21.				
021	256	0200	RIPRAP GRADE II	CY	61.				
022	260	0300	SILT FENCE	LF	11,089.				
023	260	0301	REMOVE SILT FENCE	LF	11,089.				
024	261	0112	FIBER ROLLS 12IN	LF	79,543.				
025	261	0113	REMOVE FIBER ROLLS 12IN	LF	34,469.				
026	261	0120	FIBER ROLLS 20IN	LF	6,934.				
027	261	0121	REMOVE FIBER ROLLS 20IN	LF	3,498.				
028	302	0100	SALVAGED BASE COURSE	TON	159,284.				
029	401	0050	TACK COAT	GAL	6,181.				
030	411	0114	MILLING PAVEMENT SURFACE - 2 INCH	SY	8,582.				
031	430	0143	RAP - SUPERPAVE FAA 43	TON	13,927.				
032	430	1000	CORED SAMPLE	EA	149.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
033	430	2000	PATCHING	TON	500.				
034	430	5815	PG 58S-34 ASPHALT CEMENT	TON	628.				
035	550	0305	9IN NON-REINF CONCRETE PVMT CL AE-DOWELED	SY	202,926.				
036	602	1220	SINGLE SLOPE BARRIER	LF	28.				
037	702	0100	MOBILIZATION	L SUM	1.				
038	704	0100	FLAGGING	MHR	500.				
039	704	1000	TRAFFIC CONTROL SIGNS	UNIT	9,457.				
040	704	1043	ATTENUATION DEVICE-TYPE B-65	EA	10.				
041	704	1046	ATTENUATION DEVICE-TYPE B-80	EA	2.				
042	704	1048	PORTABLE RUMBLE STRIPS	EA	2.				
043	704	1052	TYPE III BARRICADE	EA	39.				
044	704	1060	DELINEATOR DRUMS	EA	366.				
045	704	1067	TUBULAR MARKERS	EA	747.				
046	704	1070	DELINEATOR	EA	364.				
047	704	1072	FLEXIBLE DELINEATORS	EA	1,013.				
048	704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	4.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
049	704	1088	SEQUENCING ARROW PANEL-TYPE C-CROSSOVER	EA	2.				
050	704	1090	FLASHING BEACON	EA	2.				
051	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	9,613.				
052	704	3511	STATE FURNISHED MEDIAN BARRIER	LF	4,440.				
053	704	8015	VEHICLE SPEED FEEDBACK SIGN	EA	2.				
054	706	0400	FIELD OFFICE	EA	1.				
055	706	0500	AGGREGATE LABORATORY	EA	1.				
056	706	0550	BITUMINOUS LABORATORY	EA	1.				
057	706	0600	CONTRACTOR'S LABORATORY	EA	1.				
058	709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	309,521.				
059	709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	186.				
060	710	0100	TEMPORARY BYPASS	EA	2.				
061	714	0615	PIPE CONC REINF 24IN CL III	LF	68.				
062	714	4105	PIPE CONDUIT 24IN	LF	1,328.				
063	714	4110	PIPE CONDUIT 30IN	LF	832.				
064	714	4115	PIPE CONDUIT 36IN	LF	276.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
065	714	4120	PIPE CONDUIT 42IN	LF	118.				
066	714	4125	PIPE CONDUIT 48IN	LF	376.				
067	714	4227	PIPE CONDUIT ARCH 51IN X 31IN	LF	204.				
068	714	4236	PIPE CONDUIT ARCH 73IN X 45IN	LF	94.				
069	714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	4.				
070	720	0110	RIGHT OF WAY MARKERS	EA	52.				
071	720	0130	IRON PIN R/W MONUMENTS	EA	26.				
072	720	0135	IRON PIN REFERENCE MONUMENTS	EA	26.				
073	722	4565	MEDIAN DRAIN PRECAST CONCRETE-TYPE A	EA	6.				
074	748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	15.				
075	752	0300	FENCE BARBED WIRE 4 STRAND-WOOD POST	LF	58,038.				
076	752	0993	FENCE TERMINAL	EA	4.				
077	752	3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	24.				
078	752	4140	DOUBLE BRACE ASSEMBLY BARBED WIRE-WOOD POST	EA	40.				
079	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	103.				
080	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	146.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
081	754	0154	DELINEATORS-TYPE A-SINGLE SIDED	EA	108.				
082	754	0160	DELINEATORS-TYPE B	EA	39.				
083	754	0162	REMOVE & RESET DELINEATORS	EA	12.				
084	754	0166	DELINEATORS-TYPE E	EA	8.				
085	754	0168	DELINEATORS-TYPE D	EA	9.				
086	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	270.				
087	754	0210	GALV STEEL POST-STANDARD PIPE	LF	140.				
088	754	0214	GALV STEEL POSTS-W-SHAPE POSTS(TWO OR MORE)	LF	439.				
089	754	0534	PANEL FOR SIGNS-TYPE IV REFLECTIVE SHEETING	SF	1,036.				
090	754	0557	INTERSTATE MILE POSTS-TYPE C	EA	11.				
091	754	0592	RESET SIGN PANEL	EA	1.				
092	754	0801	OBJECT MARKERS - TYPE I	EA	4.				
093	754	0803	OBJECT MARKERS - TYPE III	EA	2.				
094	754	0805	OBJECT MARKERS - CULVERTS	EA	78.				
095	754	1100	CLASS AE CONCRETE-SIGN FOUNDATIONS	CY	3.700				
096	754	1104	REMOVE SIGN FOUNDATION	EA	22.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
097	760	0021	SINUSOIDAL RUMBLE STRIP - CONCRETE SHOULDER	MILE	22.				
098	762	0114	EPOXY PVMT MK 6IN LINE	LF	2,594.				
099	762	0117	EPOXY PVMT MK 24IN LINE	LF	62.				
100	762	0200	RAISED PAVEMENT MARKERS	EA	25,880.				
101	762	0422	SHORT TERM 6IN LINE-TYPE R	LF	7,412.				
102	762	1106	PVMT MK PAINTED 6IN LINE	LF	327,827.				
103	762	1112	PVMT MK PAINTED 12IN LINE	LF	1,938.				
104	764	0131	W-BEAM GUARDRAIL	LF	164.				
105	764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	2.				
106	764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	189.				
107	764	2081	REMOVE END TREATMENT & TRANSITION	EA	1.				
108	764	8080	MODIFY BARREL ATTENUATION DEVICE	EA	3.				
109	930	8230	SHORING	EA	4.				
			TOTAL SUM BID						

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76	1 - 19	Temporary Erosion Control
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80	1 - 15	Layouts
81	1 - 5	Survey Coordinate and Curve Data
82	1 - 19	Survey Data Layouts
90	1 - 16	Paving Layouts
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130	1 - 6	Guardrail
200	1 - 155	Cross Sections (Align: SCL94)
200	156 - 163	Cross Sections (Align: EXExit176SWRamp)
200	164 - 173	Cross Sections (Align: EXExit176SERamp)
200	174 - 182	Cross Sections (Align: EXExit182SWRamp)
200	183 - 193	Cross Sections (Align: EXExit182SERamp)
200	194 - 200	Cross Sections (Align: OCL_MCK_WBEnt)
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SPECIAL PROVISIONS

Number	Description
SSP 1	Temporary Erosion and Sediment Best Management Practices
SSP 2	Federal Migratory Bird Treaty Act
SSP 4	Longitudinal Joint Density
PSP 1(25)	Permits and Environmental Considerations
SP 1(25)	Concrete Paving Grade Control
SP 2(25)	Concrete Thickness Determination
SP 4(25)	Vehicle Speed Feedback Sign
SP 3(25)	Concrete Surface Tolerance
SP 5(25)	Maturity Curve
SP 6(25)	E-ticketing (Mandatory)
SP 7(25)	Utility Coordination
SP 341(25)	Soil Stabilization
SP 593(25)	Modified Base Course Acceptance

NOTES

Revised 9/29/2026

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	BGR-CVD-IM-1-094(238)172	6	2

- 202-P01

REMOVAL OF PAVEMENT: Removal of pavement consists of removing and salvaging concrete pavement, aggregate base and hot mix asphalt as shown in Section 30. The top 2" of the existing 3" aggregate base underneath the concrete is anticipated to be salvageable. The bottom 1" of the existing 3" aggregate base is not anticipated to be salvageable and is included in "Common Excavation – Type B."
- The existing pavement and aggregate thicknesses are averages based on previous construction plans and maintenance data. Actual thicknesses may vary.
- Do not stockpile concrete chunks, rebar, or fabric on the highway right of way. Include the costs for removal of steel tie bars and dowel bars in the price bid for "Removal of Pavement".
- 202-P02

REMOVAL OF TEMPORARY BYPASS: Remove the eastbound temporary ramp connections, and temporary ramp connection detours when no longer needed to maintain traffic.
- This work consists of:
1. Saw cutting the pavement to be removed at the edge of the finished shoulder.

2. Constructing salvaged base course slough at the edge of the saw cut.

3. Shaping the median foreslope to 6:1 and placing topsoil. This includes the topsoil stockpiled in the Interstate median and on the backslope.

4. Removal, hauling, and disposal of embankment materials.
- Include all labor and equipment costs for removing, hauling, and disposing of materials, removal and replacement of topsoil, and shaping of median slopes in the unit price bid for "Removal of Temporary Bypass".
- 202-P03

REMOVE FENCE: The number of strands on the existing fence vary along the project and may contain up to five strands of wire. The bottom wires are buried in grass and topsoil in some locations. Remove the posts and wire completely in the locations shown in section 80. Include the cost of all equipment, material, and labor to remove the existing fence in the price bid for "Remove Existing Fence."
- 202-P04

COMMON EXCAVATION: At temporary ramp connection locations where the existing shoulder is not being removed, include the cost to remove the bituminous and aggregate slough material, as well as to provide a vertical cut, in the bid price for "Common Excavation – Type B."
- 203-010

SHRINKAGE: 25 percent additional volume is included for shrinkage in earth embankment.
- 203-P01

SUBGRADE SURFACE TOLERANCE: Construct the subgrade elevation to within 0.08 feet of the proposed subgrade elevation using low ground pressure bulldozers that apply less than 7.0 psi on the ground surface.
- 203-P02

SUBGRADE REQUIREMENTS: The shoulder of eastbound I-94 can be used as a haul route. Motor scrapers, motor blades, off-road haulers, aggregate trucks, dump trucks, cranes, water trucks, trucks hauling equipment, project removals or materials and any other construction equipment specified by the Engineer are not allowed to be driven at any time on the roadway subgrade within the proposed concrete pavement width outlined in the plans, unless approved by the Engineer.

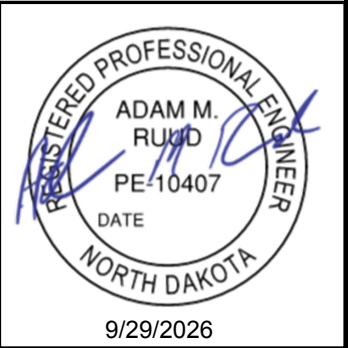
- 203-P03

TOPSOIL: There will be excess topsoil in the interstate median due to the fact that the temporary ramp connections will remain in-place after the project is complete.
- Do not stockpile excess topsoil within the wetlands. Do not stockpile excess topsoil to impede the existing and/or proposed drainage. The Engineer will approve the stockpile location and boundary of the excess topsoil stockpile prior to placement.
- 203-P04

LIGHT FOUNDATION EMBANKMENT: Place and compact embankment around existing light pole foundations within the clear zone near the Sterling Interchange. Construct slopes at a maximum of 6:1 inslopes/backslopes and 10:1 transverse slopes. Include all costs in the unit price bid for "Common Excavation-Type B".
- 261-P01

TEMPORARY EROSION CONTROL WITHIN WETLANDS: Fiber rolls and silt fence have been provided for placement at the back-side of earthen berms at the perimeter of the work area at wetlands. If there is no standing water within the adjacent wetland, immediate temporary seeding and mulching of the earthen berm may replace the fiber rolls. If seed/mulch is not immediately applied fiber rolls or silt fence are required. Fiber rolls will still be required at the weirs within the berm.
- If there is standing water where the installation will occur, silt fence is required.
- Temporary seed mix and mulch for this use will be paid for as "Temporary Cover Crop" and "Soil Stabilization".
- 302-P01

BASE COURSE: Use low ground pressure bulldozers that apply less than 7.0 psi on the ground surface to spread and place base course.
- Trim base course under the proposed concrete section as specified in 302.04 C.3, "Surface Tolerance Type C." Trim base course placed below the asphalt shoulder as specified in Section 302.04 C.2, "Surface Tolerance Type B."
- Once the first trimming operation is completed, ensure the base course is tightly bound, shows no rutting, and no displacement occurs under the roller operation.



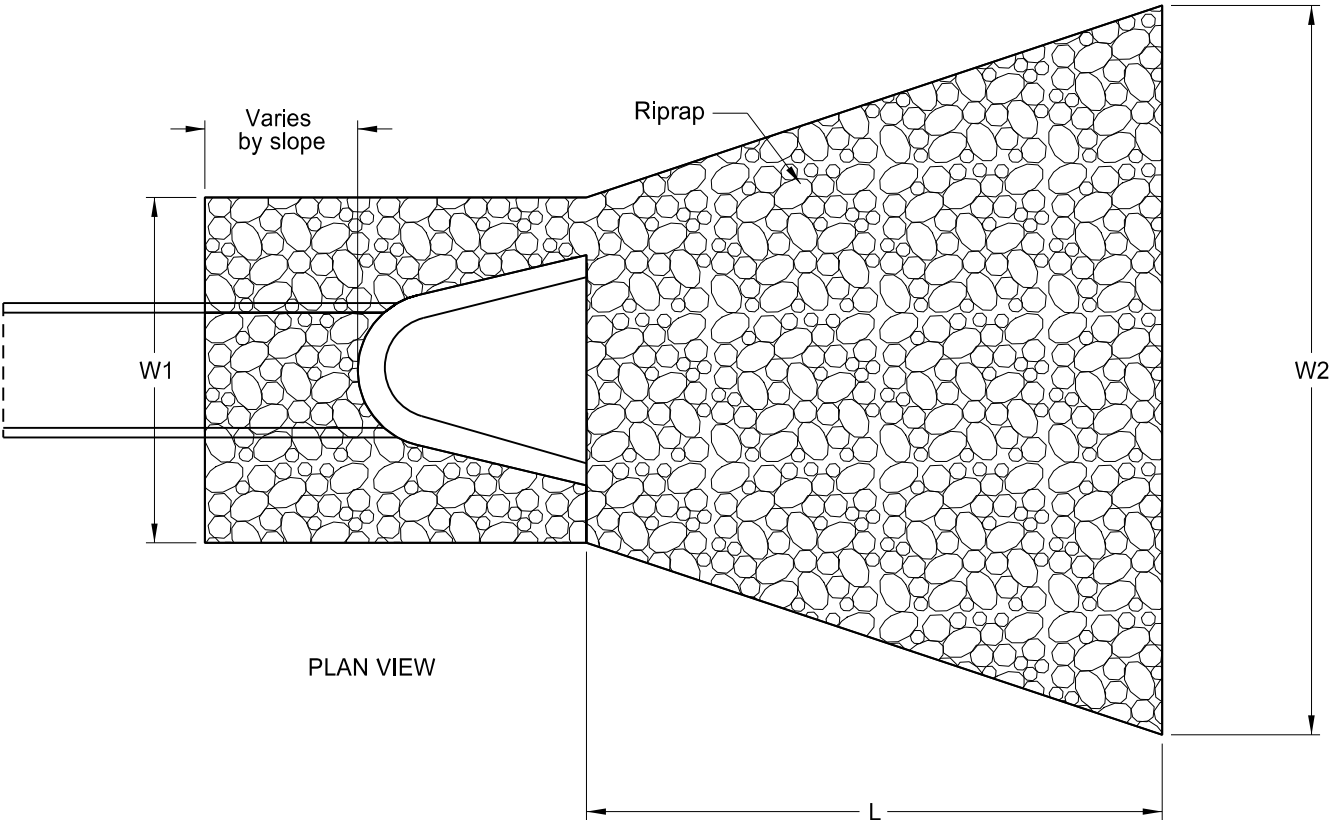
Estimated Quantities					Revised	9/28/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
							ND	BGR-CVD-IM-1-094(238)172	8	1
					Mainline					
SPEC	CODE	ITEM DESCRIPTION	UNIT	TOTAL						
103	0100	CONTRACT BOND	L SUM	1						1
109	1000	E-TICKETING	L SUM	1						1
202	0136	REMOVAL OF PAVEMENT	TON	207632						207632
202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	2940						2940
202	0237	REMOVAL OF MEDIAN DRAIN PRECAST CONCRETE	EA	6						6
202	0312	REMOVE EXISTING FENCE	LF	57884						57884
202	0350	REMOVAL OF TEMPORARY BYPASS	EA	2						2
203	0102	COMMON EXCAVATION-TYPE B	CY	98614						98614
203	0109	TOPSOIL	CY	70980						70980
203	0113	COMMON EXCAVATION-WASTE	CY	10541						10541
216	0100	WATER	M GAL	4339						4339
220	0100	PREPARE STOCKPILE SITE	L SUM	1						1
220	0200	RESTORE STOCKPILE SITE	L SUM	1						1
230	0165	SUBGRADE PREPARATION-TYPE A-12IN	STA	52.3						52.3
251	0200	SEEDING CLASS II	ACRE	118.68						118.68
251	1000	WETLAND SEED	ACRE	1.47						1.47
251	2000	TEMPORARY COVER CROP	ACRE	114.74						114.74
253	0061	SOIL STABILIZATION	ACRE	233.42						233.42
255	0102	ECB TYPE 2	SY	1279						1279
256	0100	RIPRAP GRADE I	CY	21						21
256	0200	RIPRAP GRADE II	CY	61						61
260	0300	SILT FENCE	LF	11089						11089
260	0301	REMOVE SILT FENCE	LF	11089						11089
261	0112	FIBER ROLLS 12IN	LF	79543						79543
261	0113	REMOVE FIBER ROLLS 12IN	LF	34469						34469
261	0120	FIBER ROLLS 20IN	LF	6934						6934
261	0121	REMOVE FIBER ROLLS 20IN	LF	3498						3498
302	0100	SALVAGED BASE COURSE	TON	159284						159284
401	0050	TACK COAT	GAL	6181						6181
411	0114	MILLING PAVEMENT SURFACE - 2 INCH	SY	8582						8582
430	0143	RAP - SUPERPAVE FAA 43	TON	13927						13927
430	1000	CORED SAMPLE	EA	149						149
430	2000	PATCHING	TON	500						500
430	5815	PG 58S-34 ASPHALT CEMENT	TON	628						628
550	0305	9IN NON-REINF CONCRETE PVMT CL AE-DOWELED	SY	202926						202926
602	1220	SINGLE SLOPE BARRIER	LF	28						28
702	0100	MOBILIZATION	L SUM	1						1
704	0100	FLAGGING	MHR	500						500
704	1000	TRAFFIC CONTROL SIGNS	UNIT	9457						9457
704	1043	ATTENUATION DEVICE-TYPE B-65	EA	10						10
704	1046	ATTENUATION DEVICE-TYPE B-80	EA	2						2
704	1048	PORTABLE RUMBLE STRIPS	EA	2						2
704	1052	TYPE III BARRICADE	EA	39						39
704	1060	DELINEATOR DRUMS	EA	366						366
704	1067	TUBULAR MARKERS	EA	747						747
704	1070	DELINEATOR	EA	364						364
704	1072	FLEXIBLE DELINEATORS	EA	1013						1013

Estimated Quantities					Revised	9/28/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
							ND	BGR-CVD-IM-1-094(238)172	8	2
					Mainline					
SPEC	CODE	ITEM DESCRIPTION	UNIT							TOTAL
704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	4						4
704	1088	SEQUENCING ARROW PANEL-TYPE C-CROSSOVER	EA	2						2
704	1090	FLASHING BEACON	EA	2						2
704	1500	OBLITERATION OF PAVEMENT MARKING	SF	9613						9613
704	3511	STATE FURNISHED MEDIAN BARRIER	LF	4440						4440
704	8015	VEHICLE SPEED FEEDBACK SIGN	EA	2						2
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	309521						309521
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	186						186
710	0100	TEMPORARY BYPASS	EA	2						2
714	0615	PIPE CONC REINF 24IN CL III	LF	68						68
714	4105	PIPE CONDUIT 24IN	LF	1328						1328
714	4110	PIPE CONDUIT 30IN	LF	832						832
714	4115	PIPE CONDUIT 36IN	LF	276						276
714	4120	PIPE CONDUIT 42IN	LF	118						118
714	4125	PIPE CONDUIT 48IN	LF	376						376
714	4227	PIPE CONDUIT ARCH 51IN X 31IN	LF	204						204
714	4236	PIPE CONDUIT ARCH 73IN X 45IN	LF	94						94
714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	4						4
720	0110	RIGHT OF WAY MARKERS	EA	52						52
720	0130	IRON PIN R/W MONUMENTS	EA	26						26
720	0135	IRON PIN REFERENCE MONUMENTS	EA	26						26
722	4565	MEDIAN DRAIN PRECAST CONCRETE-TYPE A	EA	6						6
748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	15						15
752	0300	FENCE BARBED WIRE 4 STRAND-WOOD POST	LF	58038						58038
752	0993	FENCE TERMINAL	EA	4						4
752	3150	CORNER ASSEMBLY BARBED WIRE-WOOD POST	EA	24						24
752	4140	DOUBLE BRACE ASSEMBLY BARBED WIRE-WOOD POST	EA	40						40
754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	103						103
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	146						146
754	0154	DELINEATORS-TYPE A-SINGLE SIDED	EA	108						108
754	0160	DELINEATORS-TYPE B	EA	39						39
754	0162	REMOVE & RESET DELINEATORS	EA	12						12
754	0166	DELINEATORS-TYPE E	EA	8						8
754	0168	DELINEATORS-TYPE D	EA	9						9
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	270						270
754	0210	GALV STEEL POST-STANDARD PIPE	LF	140						140
754	0214	GALV STEEL POSTS-W-SHAPE POSTS(TWO OR MORE)	LF	439						439
754	0534	PANEL FOR SIGNS-TYPE IV REFLECTIVE SHEETING	SF	1036						1036
754	0557	INTERSTATE MILE POSTS-TYPE C	EA	11						11
754	0592	RESET SIGN PANEL	EA	1						1
754	0801	OBJECT MARKERS - TYPE I	EA	4						4
754	0803	OBJECT MARKERS - TYPE III	EA	2						2
754	0805	OBJECT MARKERS - CULVERTS	EA	78						78

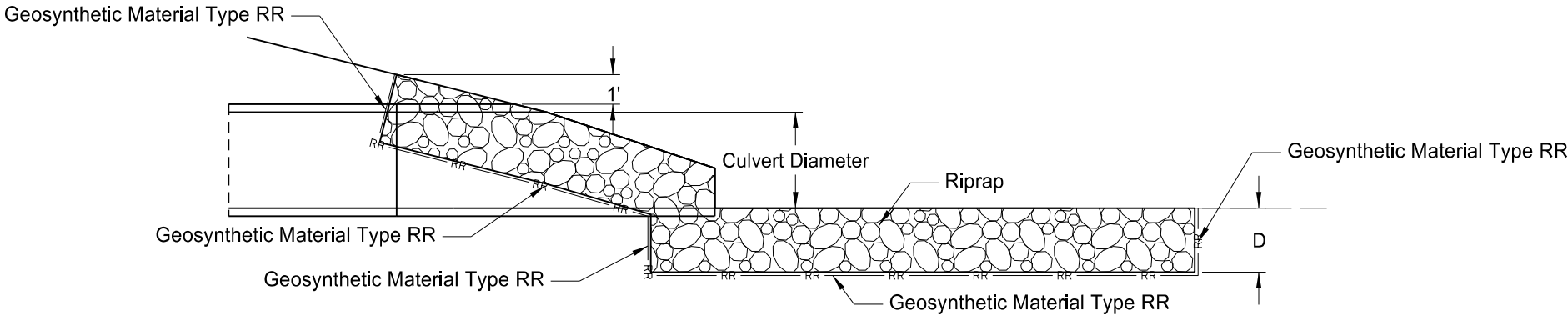
Estimated Quantities					Revised 9/28/2026		STATE	PROJECT NO.	SECTION NO.	SHEET NO.
					ND	BGR-CVD-IM-1-094(238)172		8	3	

SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline	TOTAL
754	1100	CLASS AE CONCRETE-SIGN FOUNDATIONS	CY	3.7	3.7
754	1104	REMOVE SIGN FOUNDATION	EA	22	22
760	0021	SINUSOIDAL RUMBLE STRIP - CONCRETE SHOULDER	MILE	22	22
762	0114	EPOXY PVMT MK 6IN LINE	LF	2594	2594
762	0117	EPOXY PVMT MK 24IN LINE	LF	62	62
762	0200	RAISED PAVEMENT MARKERS	EA	25880	25880
762	0422	SHORT TERM 6IN LINE-TYPE R	LF	7412	7412
762	1106	PVMT MK PAINTED 6IN LINE	LF	327827	327827
762	1112	PVMT MK PAINTED 12IN LINE	LF	1938	1938
764	0131	W-BEAM GUARDRAIL	LF	164	164
764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	2	2
764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	189	189
764	2081	REMOVE END TREATMENT & TRANSITION	EA	1	1
764	8080	MODIFY BARREL ATTENUATION DEVICE	EA	3	3
930	8230	SHORING	EA	4	4

Location	Dimensions						Quantities		
	Culvert Diameter (inches)	L (feet)	W1 (feet)	W2 (feet)	Riprap Depth, D (inches)	Riprap Grade	Geosynthetic Material Type RR (SY)	Riprap Grade I (CY)	Riprap Grade II (CY)
9259+59	24	8	6	11	12	I	19	4	-
9345+54	24	8	6	11	12	I	19	4	-
9355+54	24	8	6	11	12	I	19	4	-
9647+38	24	8	6	11	24	I	28	9	-
9655+88	42	25	11	27	36	II	101	-	61
TOTAL							186	21	61



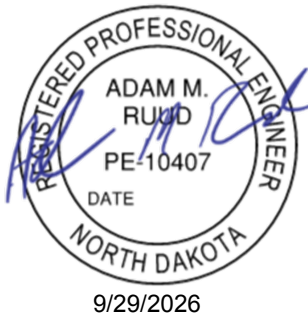
PLAN VIEW

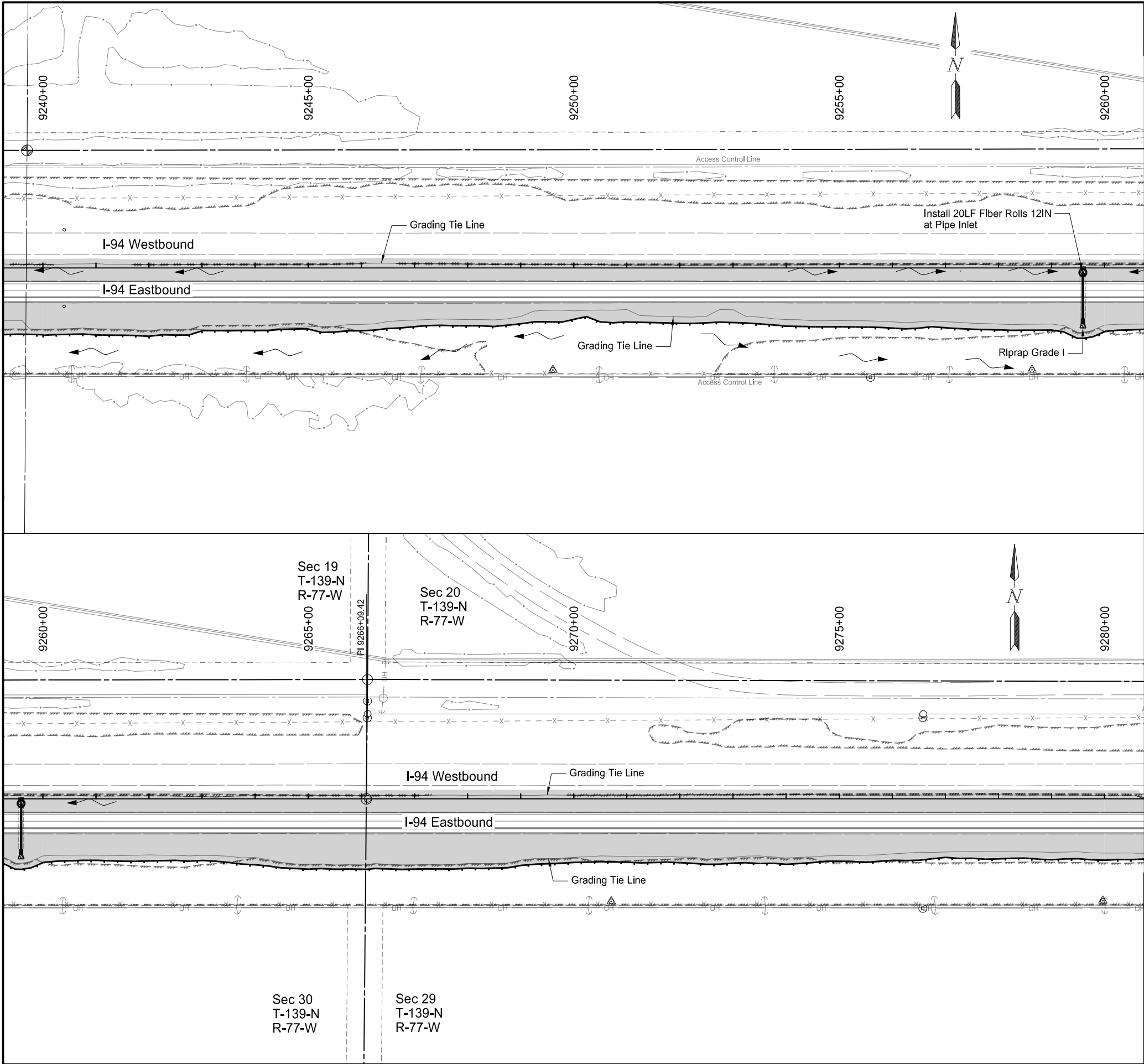


PROFILE VIEW

Riprap at Pipe Outlets

Interstate 94 - Eastbound Reconstruction
East Menoken Interchange to Sterling Interchange





Revised	9/28/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BGR-CVD-IM-1-094(238)172	77	5

SPEC	CODE	BID ITEM	QTY	UNIT
251	0200	SEEDING CLASS II		
		Sta 9240+00 to 9260+00	4.21	ACRE
		Sta 9260+00 to 9280+00	4.6	ACRE
253	0061	SOIL STABILIZATION		
		Sta 9240+00 to 9260+00	4.21	ACRE
		Sta 9260+00 to 9280+00	4.6	ACRE
255	0102	ECB TYPE 2		
		Sta 9259+59 - 7' Rt	22	SY
256	0100	RIPRAP GRADE I		
		Sta 9259+59 - 105' Rt	4	CY
261	0112	FIBER ROLLS 12IN		
		Sta 9240+00 to 9260+00	2033	LF
		Sta 9260+00 to 9280+00	2004	LF
709	0155	GEOSYNTHETIC MATERIAL TYPE RR		
		Sta 9259+59 - 105' Rt	19	SY

*See Section 77: Sheets 16-18 for Device Locations
*All Fiber Rolls are 12IN unless otherwise noted

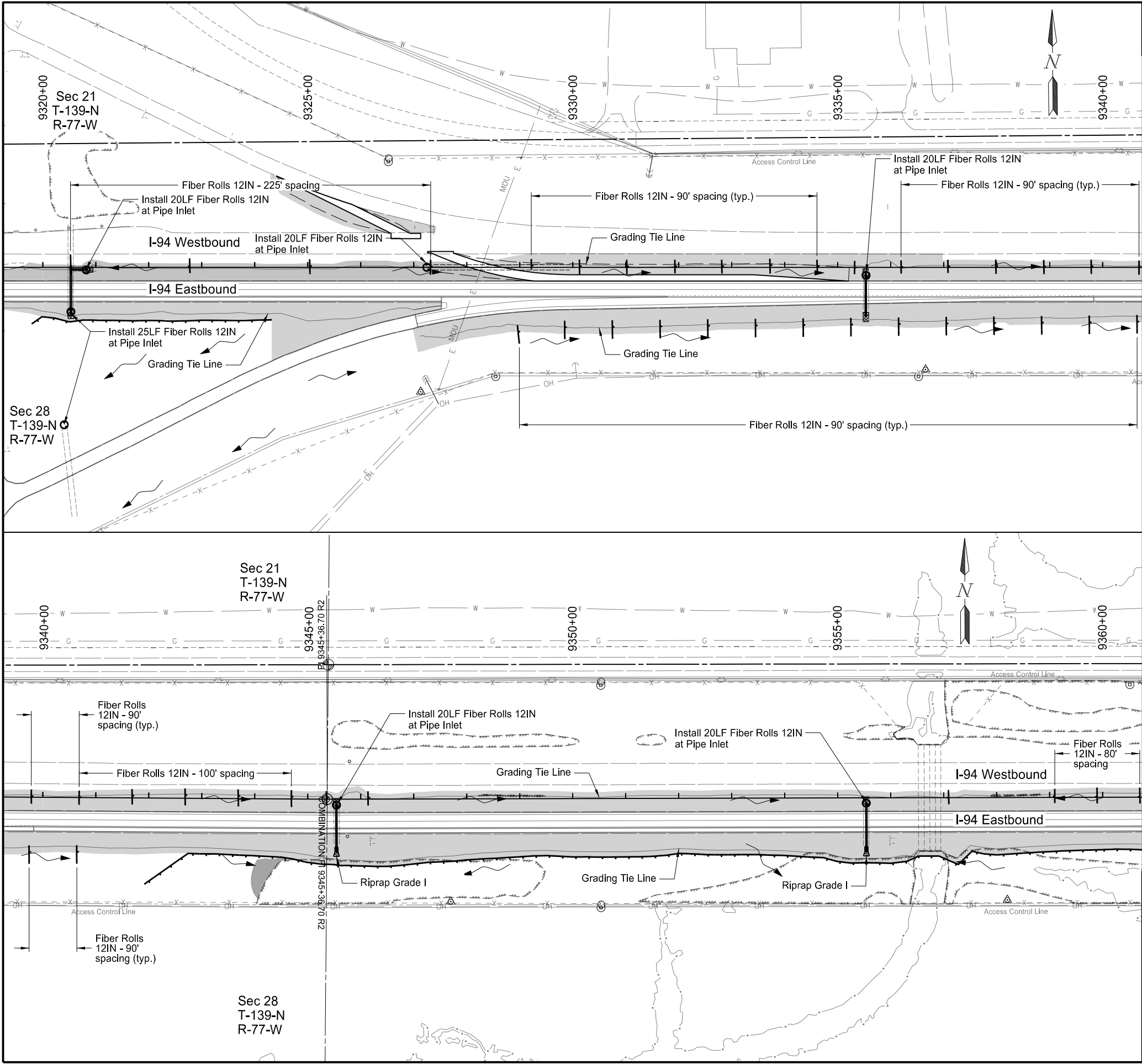
Legend

- Seeding Class II and Soil Stabilization
- Wetland Seed
- ECB Type 2
- Riprap Grade I
- Geosynthetic Material Type RR
- Fiber Rolls 12IN
- Fiber Rolls 20IN
- Flow Direction
- Ditch Bottom

Permanent Erosion Control
Sta 9240+00.00 to 9280+00.00

Interstate 94 - Eastbound Reconstruction
East Menoken Interchange to Sterling Interchange

REGISTERED PROFESSIONAL ENGINEER
ADAM M. RUDD
PE-10407
DATE
NORTH DAKOTA
9/29/2026



Revised	9/28/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BGR-CVD-IM-1-094(238)172	77	7

SPEC	CODE	BID ITEM	QTY	UNIT
251	0200	SEEDING CLASS II		
		Sta 9320+00 to 9340+00	4.05	ACRE
		Sta 9340+00 to 9360+00	4.07	ACRE
251	1000	WETLAND SEED		
		Sta 9340+00 to 9360+00	0.05	ACRE
253	0061	SOIL STABILIZATION		
		Sta 9320+00 to 9340+00	4.05	ACRE
		Sta 9340+00 to 9360+00	4.07	ACRE
255	0102	ECB TYPE 2		
		Sta 9320+53 - 87' Rt	25	SY
		Sta 9320+81 - 11' Rt	22	SY
		Sta 9335+53 - 97' Rt	22	SY
		Sta 9335+53 - 11' Rt	22	SY
		Sta 9345+54 - 8' Rt	22	SY
		Sta 9355+54 - 7' Rt	22	SY
256	0100	RIPRAP GRADE I		
		Sta 9345+54 - 100' Rt	4	CY
		Sta 9355+54 - 102' Rt	4	CY
261	0112	FIBER ROLLS 12IN		
		Sta 9320+00 to 9340+00	1456	LF
		Sta 9340+00 to 9360+00	2213	LF
709	0155	GEOSYNTHETIC MATERIAL TYPE RR		
		Sta 9345+54 - 100' Rt	19	SY
		Sta 9355+54 - 102' Rt	19	SY

*See Section 77: Sheets 16-18 for Device Locations

*All Fiber Rolls are 12IN unless otherwise noted

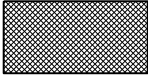
Legend



Seeding Class II and Soil Stabilization



Wetland Seed



ECB Type 2



Riprap Grade I

Geosynthetic Material Type RR



Fiber Rolls 12IN

Fiber Rolls 20IN



Flow Direction



Ditch Bottom

Permanent Erosion Control

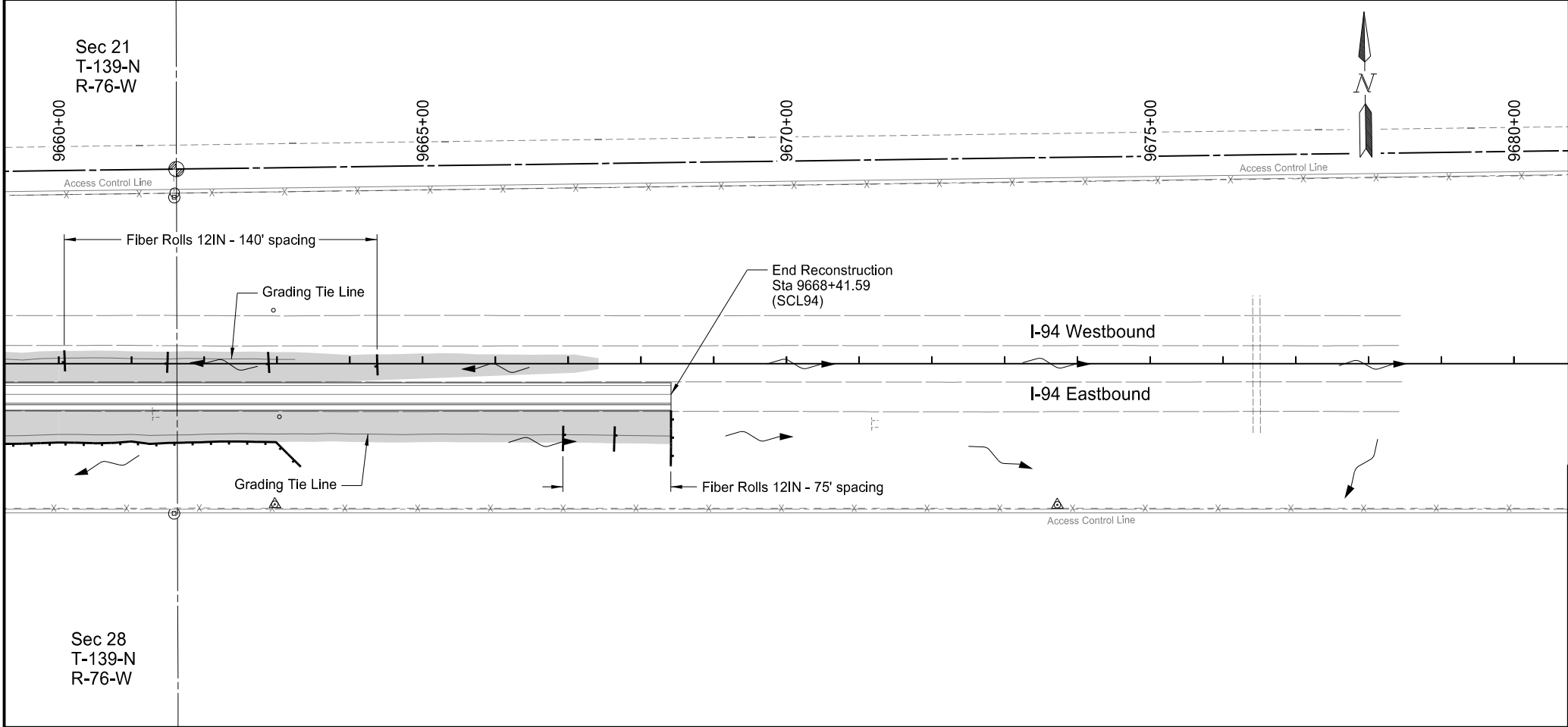
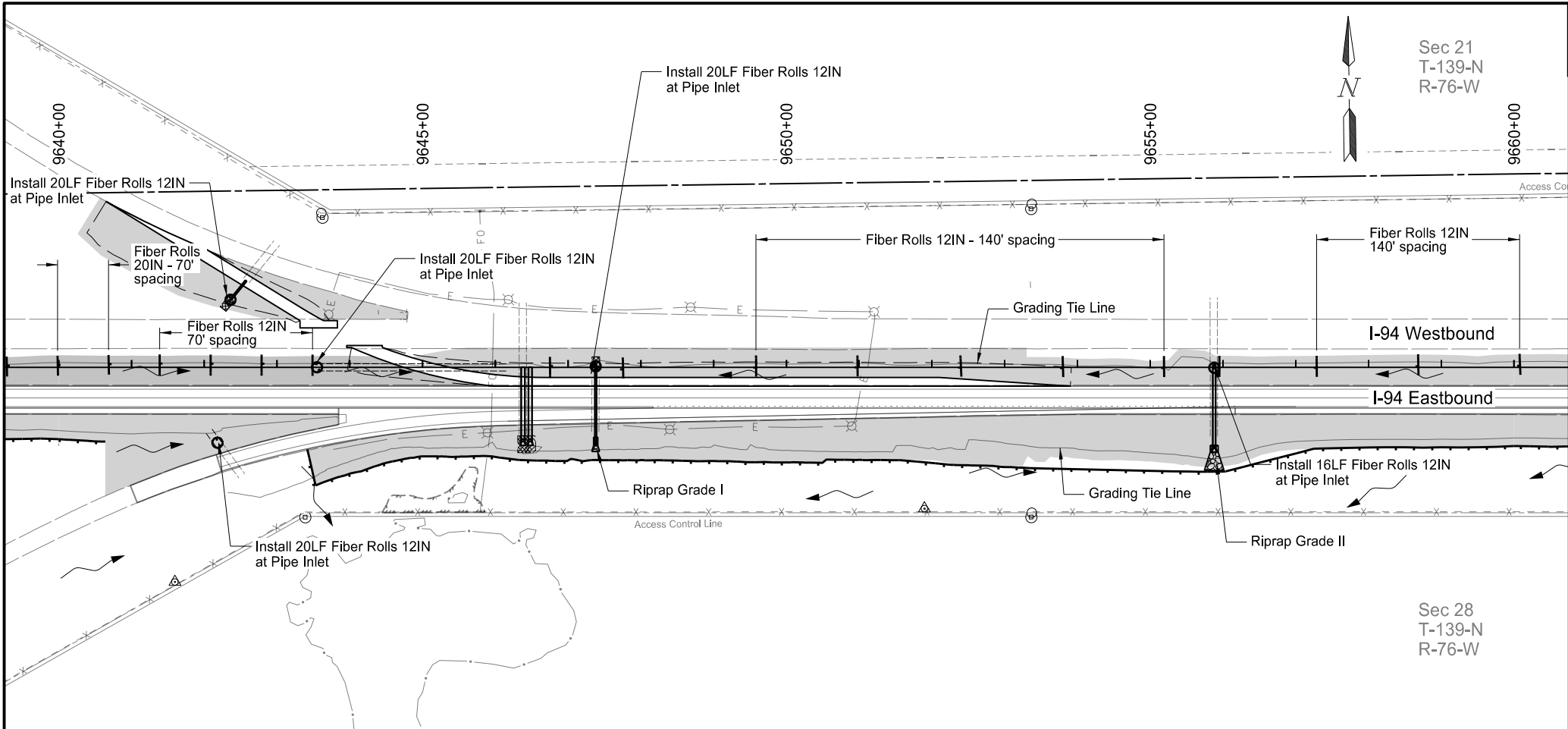
Sta 9320+00.00 to 9360+00.00

Interstate 94 - Eastbound Reconstruction

East Menoken Interchange to Sterling Interchange



9/29/2026



Revised	9/28/2026	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	BGR-CVD-IM-1-094(238)172	77	15

SPEC	CODE	BID ITEM	QTY	UNIT
251	0200	SEEDING CLASS II		
		Sta 9640+00 to 9660+00	4.88	ACRE
253	0061	SOIL STABILIZATION		
		Sta 9640+00 to 9660+00	4.88	ACRE
255	0102	ECB TYPE 2		
		Sta 9642+36 - 90' Lt	20	SY
256	0100	RIPRAP GRADE I		
		Sta 9646+38 - 120' Rt	25	SY
256	0200	RIPRAP GRADE II		
		Sta 9646+48 - 120' Rt	25	SY
261	0112	FIBER ROLLS 12IN		
		Sta 9640+00 to 9660+00	2278	LF
261	0120	FIBER ROLLS 20IN		
		Sta 9660+00 to 9668+41.59	738	LF
709	0155	GEOSYNTHETIC MATERIAL TYPE RR		
		Sta 9647+38 - 108' Rt	28	SY
709	0155	GEOSYNTHETIC MATERIAL TYPE RR		
		Sta 9655+88 - 116' Rt	101	SY

*See Section 77: Sheets 16-18 for Device Locations
*All Fiber Rolls are 12IN unless otherwise noted

Legend	
	Seeding Class II and Soil Stabilization
	Wetland Seed
	ECB Type 2
	Riprap Grade I Geosynthetic Material Type RR
	Riprap Grade II Geosynthetic Material Type RR
	Fiber Rolls 12IN Fiber Rolls 20IN
	Flow Direction
	Ditch Bottom

Permanent Erosion Control
Sta 9640+00.00 to 9668+41.59

Interstate 94 - Eastbound Reconstruction
East Menoken Interchange to Sterling Interchange

REGISTERED PROFESSIONAL ENGINEER

ADAM M. RUKD

PE-10407

DATE

NORTH DAKOTA

9/29/2026

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

CONCRETE PAVING GRADE CONTROL

PROJECT 1-094(238)172 – PCN 23810

DESCRIPTION

Replace Section 550.04 C.2.a “String Line” with the following.

CONSTRUCTION REQUIREMENTS

Use one of the following methods for grade control when slip form paving.

A. String Line.

Use and maintain a taut string line for operating the automatic equipment controls.

B. Stringless Grade Control.

Use electronic survey equipment for operating the automatic equipment controls.

The Supplemental Information will include the electronic data. The data may need to be converted into the required format for the survey equipment.

Submit a plan to the Engineer 14 days before final trimming operations of the required control for final trimming and concrete paving operations include the spacing of the survey points. The Engineer will set the control points required for the final trimming and concrete paving grade control.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

E-TICKETING (MANDATORY)

PROJECT # 1-094(238)172 – PCN 23810

DESCRIPTION

This work consists of providing electronic material tickets (E-Ticket) for removal of pavement contract item, all loads of aggregate, Hot Mix Asphalt (HMA), and concrete 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 weighted.

3. Portland Cement Concrete.

Provide the following information for Portland Cement Concrete for E-Ticket

1. Loaded time (water/cement time).
2. Wet and dry batch weights (if computer generated) or SSD.
3. Water:
 - a) In aggregate.
 - b) Total water.
 - c) Water/cement ratio.
 - d) Max water/cement ratio.
 - e) Allowable water to add.
4. Admixtures (including brand names if available):

- a) Retarder and weights.
- b) Water reducer and weights.
- c) Air entrainment and weights.
- d) Special performance admixtures and weights.
- e) Concrete fibers.
- 5. Cementitious material(s) and weights.
- 6. CPI Name and certificate number.
- 7. Quantity of each material in the mix.

Record the delivered concrete mixture to the nearest 0.25 CY on each ticket.

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.