

Dunn County, North Dakota
BW-18619.021
ADDENDUM NO. 4
2/7/2025

The following modifications/clarifications shall be made:

Bid Form – Basis of Bid:

1. Replace the Basis of Bid with the attached sheets. Summary of changes:
 - Delete Bid Item 28, GEOSYNTHETIC MATERIAL TYPE G – Old qty 199 SY; **New qty 0 SY**
 - Bid items after the deleted bid item have been re-numbered accordingly.

Plan Sheets:

Replace the plan sheets listed below with attached sheets. Summary of changes:

- **Section 2 Sheet 1:** Added sheet 2 to the notes section
- **Section 6 Sheet 1:** Revised notes 203-P03 & 203-P04; Added notes 251-P01 & 714-P01
- **Section 8 Sheet 1:** Deleted bid item 709-0100 GEOSYNTHETIC MATERIAL TYPE G
- **Section 30 Sheet 1:** Added Centerline Pipe Bedding Detail
- **Section 51 Sheet 1:** Revised Allowable Pipe Table to reflect Centerline Pipe Bedding Detail in Sec 30 Sht 1; updated pipe coating columns; deleted Geosynthetic Material Type G

Add the following attached plan sheets. Summary of changes:

- **Section 6 Sheet 2:** Added note 900-P01. Additional notes moved to this sheet from the revision of other plan notes.



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Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	CONTRACT BOND	L SUM	1		
2	CLEARING & GRUBBING	L SUM	1		
3	REMOVAL OF BITUMINOUS SURFACING	SY	301		
4	REMOVAL OF CULVERTS-ALL TYPES & SIZES	LF	571		
5	COMMON EXCAVATION-TYPE C	CY	69198		
6	TOPSOIL	CY	11442		
7	COMMON EXCAVATION – WASTE	CY	4796		
8	COMMON EXCAVATION – SUBCUT	CY	500		
9	WATER	M GAL	965		
10	SEEDING CLASS II	ACRE	28.64		
11	TEMPORARY COVER CROP	ACRE	28.64		
12	SOIL STABILIZATION	ACRE	52.46		
13	BONDED FIBER MATRIX	ACRE	4.82		
14	ECB TYPE 1	SY	476		
15	TRM TYPE 1	SY	4220		
16	RIPRAP GRADE II	TON	81		
17	SILT FENCE SUPPORTED	LF	280		
18	REMOVE SILT FENCE SUPPORTED	LF	280		
19	FIBER ROLLS 12IN	LF	18020		
20	REMOVE FIBER ROLLS 12IN	LF	18020		
21	AGGREGATE SURFACE COURSE CL 13	TON	13007		
22	MOBILIZATION	L SUM	1		
23	FLAGGING	MHR	240		
24	TRAFFIC CONTROL SIGNS	UNIT	1187		
25	TYPE III BARRICADES	EA	6		
26	TUBULAR MARKERS	EA	100		
27	STACKABLE VERTICAL PANELS	EA	100		
28	GEOSYNTHETIC MATERIAL TYPE RR	SY	77		
29	PIPE CONDUIT 24IN	LF	320		

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
30	PIPE CONDUIT 24IN-APPROACH	LF	1333		
31	PIPE CONDUIT 36IN	LF	59		
32	OBJECT MARKERS – TYPE III	EA	4		
33	CATTLE GUARD 8FT X 34FT	EA	1		
34	CATTLE GUARD RESET	EA	1		
35	REMOVE CATTLE GUARD	EA	1		
Total of All Unit Price Bid Items				\$	

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;
 - E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - F. Contractor's License No.;
 - G. Required Bidder Qualification Statement with supporting data

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

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PLAN SECTIONS					LIST OF STANDARD DRAWINGS						
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2	1	Table of Contents	D-101-10	NDDOT Utility Company and Organization Abbreviations							
6	1 - 2	Notes	D-101-20, 21	Line Styles							
8	1	Quantities	D-101-30, 30,31,32,33	Symbols							
10	1	Basis of Estimate	D-101-40	Cross Section Legend							
20	1 - 6	General Details	D-203-8	Standard Rural Approaches							
30	1 - 2	Typical Sections	D-256-1	Erosion And Siltation Controls							
51	1	Allowable Pipe List	D-260-1	Erosion And Siltation Controls - Silt Fence							
60	1 - 7	Plan & Profile	D-261-1	Erosion Control - Fiber Roll Placement Details							
76	1 - 5	Temporary Erosion Control	D-704-7	Breakaway Systems For Construction Zone Signs - Perforated Tube							
81	1 - 1	Survey Coordinate and Curve Data	D-704-8	Breakaway Systems For Construction Zone Signs - U-Channel Post							
100	1 - 2	Work Zone Traffic Control	D-704-9	Construction Sign Details - Terminal And Guide Signs							
200	1 - 45	Cross Sections	D-704-11, 11A	Construction Sign Details - Warning Signs							
			D-704-13	Barricade And Channelizing Device Details							
			D-704-14	Construction Sign Punching And Mounting Details							
			D-704-15	Road Closure Layouts							
			D-704-22	Construction Truck And Temporary Detour Layouts							
			D-704-26	Miscellaneous Sign Layouts							
			D-704-50	Portable Sign Support Assembly							
			D-708-6	Erosion And Siltation Controls - Median Or Ditch Inlet Protection							
			D-714-1	Reinforced Concrete Pipe Culverts And End Sections (Round Pipe)							
			D-714-4	Round Corrugated Steel Pipe Culverts And End Sections							
			D-714-25	Transverse Mainline Pipe Installation Detail - Pipes More Than 4 Feet Below Top of Subgrade							
			D-714-26	Transverse Mainline Pipe Installation Detail - Pipes 4 Feet or Less Below Top of Subgrade							
			D-754-82	Object Markers							
			D-766-1	Mailbox Location Details							
SPECIAL PROVISIONS											
Number	Description										
SP 1	Temporary Erosion and Sediment Best Management Practices										
SP 2	Utility Coordination										
SP 6	Soil Stabilization										

		Revised	2/7/2025	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
				ND	BW-18619.021	6	1
<div>NOTES</div>							
100-P01	COORDINATION OF PROJECTS: 3 rd St SW is being constructed immediately adjacent to this project. Coordinate construction activities with Dunn County, the Engineer in the field, and adjacent contractors.						
105-P01	UTILITIES: The vertical and horizontal locations shown in the plans are approximate. Plan locations should not be interpreted as exact for bidding or construction purposes.						
105-P02	UTILITIES: Notify all utility owners of the project schedule as specified in Section 105.03, “Cooperation with Utility Owners”. Coordinate and perform construction activities in a manner that accommodates the utility coordination requirements included in the Special Provision in their existing locations. Utility companies may require a representative be present at the time of construction. It is the contractor’s responsibility to facilitate coordination at the time of construction. It is the contractor’s responsibility to protect all utilities within the construction limits.						
105-P03	UTILITIES: Contractor will coordinate the location of all pipelines that cross the project. Use a hydrovac truck along the length of the entire utility crossing. A qualified representative from each pipeline must be present during the hydrovac excavation. Additional fill material may be required during construction to obtain adequate cover over pipelines or by other means indicated by the pipeline utility to allow construction equipment to pass over these locations. Follow all respective utility standards when working in the vicinity of the utility. Include costs for this work in item bid “Common Excavation – Type C”.						
108-P01	WEEKLY PLANNING MEETING: Hold a weekly on-site meeting to update Dunn County, the Engineer in the field, utility companies, and any other interested parties on upcoming activities & sequencing for the project.						
201-P01	CLEARING AND GRUBBING: Clearing and grubbing includes the removal and disposal of trees (all sizes), shrubs, stumps, roots, brush, signs and supports, and other surface objects from the excavation and embankment areas along this project. Additional trees may need to be removed adjacent to the construction limits at the Engineer’s request.						
202-P01	REMOVAL OF END SECTIONS: The removal of end sections shall be included in the bid price or “Removal of Culverts – All Types and Sizes”						
202-P02	REMOVAL OF PIPES: Salvage all pipes removed that are in good condition as determined by the engineer in the field and deliver to Dunn County Highway Department in Killdeer, ND. Include costs for salvaging and transporting removed pipe and end sections in the bid price for “Removal of Culverts – All Types & Sizes”.						
203-P01	AVERAGE HAUL: No average haul has been computed for this project.						
203-P02	SHRINKAGE: Thirty percent (30%) additional volume is included for shrinkage in earth embankment.						
203-P03	COMMON EXCAVATION – TYPE C: Backslope rounding is required on the cut sections. Include in the bid price for “Common Excavation – Type C”. Complete the finish grading work around the existing facilities that are in the construction area. Level earth mounds, etc. that remain around the facilities. Install ditch blocks, as needed, per the Engineer’s request, if field conditions merit. Include this work in the bid price for “Common Excavation – Type C”. A quantity of water has been included in the project for use during earthwork. Use the water during earthwork operations to ensure a stable, compacted embankment through the project corridor.						
203-P04	COMMON EXCAVATION - SUBCUT: 500 CY of “Common Excavation – Subcut” is included to be used at the Engineer’s discretion. Construction requirements are outlined in Section 203.04 E, with the exception that replacement material may consist of native soil in lieu of subcut aggregate and the material will not be tested, if the Engineer determines aggregate material is required.						
203-P05	COMMON EXCAVATION – WASTE: Any waste will be placed at the direction of the Engineer along the project. Include all costs for placing waste in the price bid for “Common Excavation Type C.”						
251-P01	SEEDING CLASS II: Use the following seed mix for “Seeding Class II” (amounts are measured in lbs. of pure live seed per acre): Alfalfa – 9, Western Wheatgrass – 4, Intermediate Wheatgrass – 5, Slender Wheatgrass – 2, Oats – 32; Total - 52						
302-P01	AGGREGATE SURFACE COURSE: Salvage the existing gravel surfacing from the road surface and use as temporary traffic surfacing until Aggregate Surface Course Class 13 can be placed. Include all cost associated with this in the price bid for “Common Excavation – Type C”.						
302-P02	AGGREGATE SOURCES: Section 106.02D of the Standard Specifications will not be enforced.						
704-P01	TRAFFIC CONTROL: Make the embankment through the project traversable with 4:1 slopes or flatter the same day it is placed/removed, or provide 24 hour flagging at the contractor’s expense. Traffic needs to be maintained in large cut and fill areas, the road needs to stay open at all times.						
704-P02	TRAFFIC CONTROL FOR CONSTRUCTION OPERATIONS: Traffic control for construction operations consists of a temporary road closure. Traffic Control Devices will comply with the following Standard Drawings: D704- 7, 8, 9, 11, 13, and 14 are applicable D704-15 Layout Type A: for a one lane closure for culvert work D704-22 Layout K and L: for construction trucks hauling material D704-26 Layouts BB, EE: where the conditions exist The required traffic control signs and devices are included in the “Traffic Control Devices List” and will be measured and paid for at the Contract Unit price for each device. Additional devices are the Contractor’s responsibility.						
714-P01	PIPE CONDUIT: Use Aluminized Type II culverts installed to manufacturer’s recommendations for all centerline and section line culverts. Use Galvanized material installed to manufacturer’s recommendations for all field drive & private drive locations. Include pipe bedding, whether foundation fill or suitable backfill material as determined by the engineer, in the price bid for Pipe Conduit.						
720-P01	MONUMENTS: Coordinate with the Engineer to ensure all public land corners are properly documented and referenced before disturbing the area immediately around the corners. The Engineer is responsible for resetting all public land corners						
752-P01	FENCE: Coordinate with Dunn County Highway Department for fencing requirements and details. Allow the fencing contractor 2-3 weeks to remove existing fence and install temporary fence to allow construction to proceed.						
752-P02	FENCE: Do not disturb the decorative fence along the project from Sta 148+38 to Sta 167+00.						
754-P01	SIGNS: Remove & salvage the decorative signs at Sta 148+38 and Sta 160+63. Coordinate with the landowner on where to reset the signs. Include the cost to remove and place these signs in the price bid for other items.						
				<div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>DANIEL N. GREEN</div><div>PE-7616</div><div><i>Daniel N. Green</i></div><div>DATE: 2-7-25</div><div>NORTH DAKOTA</div></div>			

NOTES		Added	2/7/2025	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
				ND	BW-18619.021	6	2

766-P01

MAILBOXES: Coordinate any changes to mailboxes with the appropriate land occupant. Replacement of any mailboxes will be in accordance with D-766-1.

900-P01

APPROACHES: Proposed approaches for the project are not modeled. Contractors should be aware that field conditions and landowner access may modify the location of an approach installation. Unit prices for applicable bid items will be paid to construct the approach, but no additional compensation will be provided for moving an approach location.

980-P01

CATTLE GUARD RESET: Where cattle guards are removed and reset, coordinate with the adjacent landowner and Dunn County. Give a minimum 14-day notice to adjacent landowners to allow for necessary preparations. Include all costs associated with resetting cattle guards including excavation, surface preparation, bedding, and incidentals in the price bid for “Cattle Guard Reset.”

REGISTERED PROFESSIONAL ENGINEER

DANIEL N. GREEN

PE-7616

Daniel N. Green

DATE: 2-7-25

NORTH DAKOTA

Estimated Quantities

			Mainline						TOTAL
SPEC	CODE	ITEM DESCRIPTION	UNIT						
103	0100	CONTRACT BOND	L SUM	1					1
201	0330	CLEARING & GRUBBING	L SUM	1					1
202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	301					301
202	0170	REMOVAL OF CULVERTS-ALL TYPES & SIZES	LF	571					571
203	0103	COMMON EXCAVATION-TYPE C	CY	69198					69198
203	0109	TOPSOIL	CY	11442					11442
203	0113	COMMON EXCAVATION-WASTE	CY	4796					4796
203	0138	COMMON EXCAVATION-SUBCUT	CY	500					500
216	0100	WATER	M GAL	965					965
251	0200	SEEDING CLASS II	ACRE	28.64					28.64
251	2000	TEMPORARY COVER CROP	ACRE	28.64					28.64
253	0061	SOIL STABILIZATION	ACRE	52.46					52.46
253	0301	BONDED FIBER MATRIX	ACRE	4.82					4.82
255	0101	ECB TYPE 1	SY	476					476
255	0201	TRM TYPE 1	SY	4220					4220
256	0201	RIPRAP GRADE II	TON	81					81
260	0200	SILT FENCE SUPPORTED	LF	280					280
260	0201	REMOVE SILT FENCE SUPPORTED	LF	280					280
261	0112	FIBER ROLLS 12IN	LF	18020					18020
261	0113	REMOVE FIBER ROLLS 12IN	LF	18020					18020
302	0356	AGGREGATE SURFACE COURSE CL 13	TON	13007					13007
702	0100	MOBILIZATION	L SUM	1					1
704	0100	FLAGGING	MHR	240					240
704	1000	TRAFFIC CONTROL SIGNS	UNIT	1187					1187
704	1052	TYPE III BARRICADE	EA	6					6
704	1067	TUBULAR MARKERS	EA	100					100
704	1080	STACKABLE VERTICAL PANELS	EA	100					100
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	77					77
714	4105	PIPE CONDUIT 24IN	LF	320					320
714	4106	PIPE CONDUIT 24IN-APPROACH	LF	1333					1333
714	4115	PIPE CONDUIT 36IN	LF	59					59
754	0803	OBJECT MARKERS - TYPE III	EA	4					4
980	0105	CATTLE GUARD 8FT X 34FT	EA	1					1
980	0170	CATTLE GUARD RESET	EA	1					1
980	0171	REMOVE CATTLE GUARD	EA	1					1

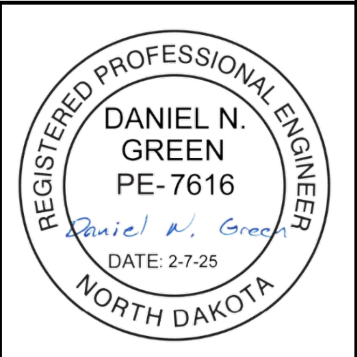
Begin Station / Location	Begin Offset	End Station / Location	End Offset	Pipe Installation (Pay Item)			Allowable Material	Required Diameter	Steel Pipe Coatings	Steel Pipe Corrugations or Spiral Ribs	Steel Pipe Minimum Thickness	(*) End Sections		Applicable Backfill
				In	Bid Item	LF						Begin	End	
								In	Type		In	EA	EA	
13+00	40' Lt	13+00	51' Rt	24	Pipe Conduit	91	Corrugated Steel Pipe	24	A	2	0.064	FES	FES	Standard D-714-28 ¹
18+56	36.3 Lt	19+17	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
18+56	36.3' Rt	19+17	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
20+71	36.3 Rt	21+43	36.3' Rt	24	Pipe Conduit - Approach	73	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
22+40	23" Lt	22+40	24' Rt	24	Pipe Conduit	47	Corrugated Steel Pipe	24	A	2	0.064	FES	FES	Standard D-714-28 ¹
31+02	36.3' Rt	31+63	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
38+40	23' Lt	38+20	23' Rt	24	Pipe Conduit	46	Corrugated Steel Pipe	24	A	2	0.064	FES	FES	Standard D-714-28 ¹
39+08	36.3' Lt	39+69	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
40+99	39.5 Rt	41+70	40.7' Rt	24	Pipe Conduit - Approach	75	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
46+00	25' Lt	46+00	50' Rt	24	Pipe Conduit	75	Corrugated Steel Pipe	24	A	2	0.064	FES	FES	Standard D-714-28 ¹
49+35	36.3' Lt	49+96	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
49+35	36.3' Rt	49+96	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
51+51	36.3' Lt	52+20	36.3' Lt	24	Pipe Conduit - Approach	75	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
54+40	28' Lt	54+40	31' Rt	36	Pipe Conduit	59	Corrugated Steel Pipe	36	A	2	0.064	FES	FES	Standard D-714-28 ¹
59+16	36.3' Lt	59+96	36.3' Lt	24	Pipe Conduit - Approach	80	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
106+11	34.3' Lt	106+31	34.3' Lt	24	Pipe Conduit - Approach	20	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
106+60	36.3' Lt	107+21	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
107+87	36.3' Rt	108+62	36.3' Rt	24	Pipe Conduit - Approach	76	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
127+63	36.3' Rt	128+24	33' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
128+18	36.3' Lt	128+98	36.3' Lt	24	Pipe Conduit - Approach	80	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
128+97	36.3' Rt	129+58	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
137+25	36.3' Lt	137+86	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
137+25	36.3' Rt	137+86	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
148+82	36.3' Lt	149+43	36.3' Lt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
148+82	36.3 Rt	149+43	36.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A
154+00	24' Lt	154+00	37' Rt	24	Pipe Conduit	61	Corrugated Steel Pipe	24	A	2	0.064	FES	FES	Standard D-714-28 ¹
160+46.5	32.3' Rt	160+93.5	32.3' Rt	24	Pipe Conduit - Approach	61	Corrugated Steel Pipe	24	Z	2	0.064	FES	FES	Specification 714.04 A

Corrugations: 2 = 2-2/3"x1/2"
3 = 3"x1"
5 = 5"x1"

Coatings: Z = Zinc
A = Aluminum

Spiral Ribs: 3/4 = 3/4"x3/4"@7-1/2"
1 = 3/4"x1"@11-1/2"

¹ Replace bedding detail with detail on Sec 30 Sht 1
(*) End sections are measured and paid for separately for pipe extensions.
FES = Flared End Section
TES = Traversable End Section



Pipe List
119th Ave SW / 2nd St SW Reconstruction 1 Mile North of ND Highway 200 to the County Line
Dunn County, ND