Job 23896

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

REQUEST FOR PROPOSAL

STATE FEDERAL AID PROJECT NO. SS-6-032(075)231 (PCN-23896)

5.098 Miles

MILL, HMA, SIDEWALK, AND STRUCTURES

ND 32, WALHALLA N TO CANADIAN BORDER

PEMBINA COUNTY

BID OPENING: The bidder's proposal will be accepted via the Bid Express on-line bidding exchange at www.bidx.com until **09:30AM Central Time on November 20, 2026.**

Prior to submitting a Proposal, the Bidder shall complete all applicable sections and properly execute the Proposal Form in accordance with the specifications.

Proposal Form of:

_____
(Firm Name)

_____
(Address, City, State, Zipcode)

(For official use only)

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Project: SS-6-032(075)231 (PCN-23896)

The company, firm, corporation, or individual hereby acknowledges that it has designated a responsible person or persons as having the authority to obligate the company, firm, or individual, through electronic or paper submittal, to the terms and conditions described herein and in the contract documents. The designated responsible person submitting this proposal shall be hereafter known as the bidder. By submitting this proposal, the bidder fully accepts and agrees to all the provisions of the proposal. The bidder also certifies that the information given in this proposal is true and the certifications made in this proposal are correct.

The bidder acknowledges that they have thoroughly examined the plans, proposal form, specifications, supplemental specifications, special provisions and agrees that they constitute essential parts of this proposal.

The bidder acknowledges that all line items which contain a quantity shall have a unit price bid. Any line item which is bid lump sum shall contain a lump sum bid price.

The bidder acknowledges that they understand that the quantities of work required by the plans and specifications are approximate only and are subject to increases and decreases; the bidder understands that all quantities of work actually required must be performed and that payment therefore shall be at the prices stipulated herein; that the bidder proposes to timely furnish the specified materials in the quantities required and to furnish the machinery, equipment, labor and expertise necessary to competently complete the proposed work in the time specified.

NON-COLLUSION AND DEBARMENT CERTIFICATION

The bidder certifies that neither he/she, nor any official, agent or employee of the bidder has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with this bid.

By submitting this proposal, the bidder certifies to the best of his/her knowledge and belief that he/she and his/her principles:

a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal Department or agency;
b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property

c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph b. of the certification; and
d. Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or Local) terminated for cause or default

Where the prospective bidder is unable to certify to any of the statements in this certification, the bidder shall submit an explanation in the blanks provided herein. The explanation will not necessarily result in denial of participation in a contract:

Explanation:_____
_____
_____
_____

If the prequalified bidder's status changes, he/she shall immediately submit a new fully executed non-collusion affidavit and debarment certification with an explanation of the change to the Contract Office prior to submitting the bid.

Failure to furnish a certification or an explanation will be grounds for rejection of a bid.

BID LIMITATION (Optional)

The bidder who desires to bid on more than one project on which bids are to be opened on the same date, and who also desires to avoid receiving an award of more projects than the bidder is equipped to handle, may bid on multiple projects and limit the total amount of work awarded to the bidder on selected projects by completing the "Bid Limitation".

The Bid Limitation must be filled in on each proposal form for which the Bidder desires protection. Each such proposal must be covered by a proposal guaranty.

The bid limitation can be made by declaring the total dollar value of work OR total number of projects a bidder is willing to perform.

The Bidder desires to disqualify all of his/her bids on this bid opening that exceed a total dollar value of

$_____

OR

that exceed a total number of _____ projects.

The Bidder hereby authorizes the Department to determine which bids shall be disqualified.

Project: SS-6-032(075)231 (PCN-23896)

PERMISSIBLE DISCOUNT (optional)

Only when invited to do so in the Request for Proposal by Special Provision, Bidders are permitted to offer a discount on a specific project (discount project) if they are awarded the contract on one or more additional projects bid at the same bid opening time and date. The bidder must present the proposal so that it can be considered with or without the discount. The bid or discount offered on the "discount project" will not affect the determination of the low bid of any other project.

When discounts are offered, they must be presented as a reduction in the unit price for one or more items of work in the specified proposal (discount project).

Space for Offering Discounts:

_____
_____
_____

Item No:_____

Description:_____

Unit:_____

Proposal Quantity:_____ Unit Price Reduction: $_____ Discount: $_____

Item No:_____

Description:_____

Unit:_____

Proposal Quantity:_____ Unit Price Reduction: $_____ Discount: $_____

Item No:_____

Description:_____

Unit:_____

Proposal Quantity:_____ Unit Price Reduction: $_____ Discount: $_____

Item No:_____

Description:_____

Unit:_____

Proposal Quantity:_____ Unit Price Reduction: $_____ Discount: $_____

TOTAL DISCOUNT_____

It is understood that the discount will only apply if awarded under the conditions as listed above and signed by the bidder.

Project: SS-6-032(075)231 (PCN-23896)

PROPOSAL GUARANTY

A proposal guaranty is required. The proposal guaranty must comply with Section 102.09, "Proposal Guarantee" of the Standard Specifications.

TYPE OF PROPOSAL GUARANTY APPLIED TO THIS PROJECT (Check one):

_____ Annual Bid Bond*

_____ Single Project Bid Bond

_____ Certified or Cashier's Check

*Annual Bid Bond is required when submitting proposals electronically

BID ITEMS

Project: SS-6-032(075)231 (PCN-23896)

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	107	0121	RAILWAY PROTECTION INSURANCE - COMPANY A	L SUM	1.				
003	107	0122	RAILWAY PROTECTION INSURANCE - COMPANY B	L SUM	1.				
004	107	0142	RAILROAD COORDINATION - COMPANY B	L SUM	1.				
005	109	1000	E-TICKETING	L SUM	1.				
006	201	0330	CLEARING & GRUBBING	L SUM	1.				
007	202	0021	REMOVE AGGREGATE BASE & SURFACING	TON	2,885.				
008	202	0108	REMOVAL OF STRUCTURE-SITE 1	L SUM	1.				
009	202	0109	REMOVAL OF STRUCTURE-SITE 2	L SUM	1.				
010	202	0110	REMOVAL OF STRUCTURE-SITE 3	L SUM	1.				
011	202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	429.				
012	202	0169	REMOVAL OF END SECTION-ALL TYPES & SIZES	EA	5.				
013	202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	196.				
014	202	0269	REMOVAL OF STRUCTURE-SITE 4	L SUM	1.				
015	202	0350	REMOVAL OF TEMPORARY BYPASS	EA	4.				
016	203	0102	COMMON EXCAVATION-TYPE B	CY	520.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
017	203	0109	TOPSOIL	CY	3,787.				
018	203	0140	BORROW-EXCAVATION	CY	24,625.				
019	210	0051	BOX CULVERT EXCAVATION - SITE 1	EA	1.				
020	210	0052	BOX CULVERT EXCAVATION - SITE 2	EA	1.				
021	210	0053	BOX CULVERT EXCAVATION - SITE 3	EA	1.				
022	210	0054	BOX CULVERT EXCAVATION - SITE 4	EA	1.				
023	210	0210	FOUNDATION FILL	CY	4,605.				
024	210	0250	BOX CULVERT FOUNDATION AGGREGATE	CY	845.				
025	210	0405	FOUNDATION PREPARATION-BOX CULVERT	EA	4.				
026	216	0100	WATER	M GAL	548.				
027	251	0200	SEEDING CLASS II	ACRE	9.340				
028	251	2000	TEMPORARY COVER CROP	ACRE	7.050				
029	253	0061	SOIL STABILIZATION	ACRE	16.390				
030	255	0103	ECB TYPE 3	SY	256.				
031	256	0200	RIPRAP GRADE II	CY	1,090.				
032	260	0300	SILT FENCE	LF	1,185.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
033	260	0301	REMOVE SILT FENCE	LF	1,185.				
034	261	0112	FIBER ROLLS 12IN	LF	11,870.				
035	261	0113	REMOVE FIBER ROLLS 12IN	LF	3,235.				
036	262	0100	FLOTATION SILT CURTAIN	LF	276.				
037	262	0101	REMOVE FLOTATION SILT CURTAIN	LF	276.				
038	302	0050	TRAFFIC SERVICE AGGREGATE	TON	4,502.				
039	302	0120	AGGREGATE BASE COURSE CL 5	TON	4,358.				
040	401	0050	TACK COAT	GAL	4,853.				
041	401	0060	PRIME COAT	GAL	1,143.				
042	401	0160	BLOTTER MATERIAL CL 44	TON	19.				
043	411	0105	MILLING PAVEMENT SURFACE	SY	94,215.				
044	430	0143	RAP - SUPERPAVE FAA 43	TON	16,239.				
045	430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	451.				
046	430	1000	CORED SAMPLE	EA	81.				
047	430	5815	PG 58S-34 ASPHALT CEMENT	TON	793.				
048	606	1208	12FT X 8FT PRECAST RCB CULVERT	LF	156.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
049	606	1407	14FT X 7FT PRECAST RCB CULVERT	LF	312.				
050	606	1609	16FT X 9FT PRECAST RCB CULVERT	LF	156.				
051	606	5208	12FT X 8FT PRECAST RCB END SECTION	EA	4.				
052	606	5407	14FT X 7FT PRECAST RCB END SECTION	EA	8.				
053	606	5609	16FT X 9FT PRECAST RCB END SECTION	EA	4.				
054	702	0100	MOBILIZATION	L SUM	1.				
055	704	0100	FLAGGING	MHR	600.				
056	704	1000	TRAFFIC CONTROL SIGNS	UNIT	5,000.				
057	704	1048	PORTABLE RUMBLE STRIPS	EA	2.				
058	704	1052	TYPE III BARRICADE	EA	31.				
059	704	1054	SIDEWALK BARRICADE	EA	12.				
060	704	1060	DELINEATOR DRUMS	EA	58.				
061	704	1067	TUBULAR MARKERS	EA	97.				
062	704	1080	STACKABLE VERTICAL PANELS	EA	97.				
063	704	1081	VERTICAL PANELS-BACK TO BACK	EA	115.				
064	704	1185	PILOT CAR	HR	100.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
065	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	1,672.				
066	704	3511	STATE FURNISHED MEDIAN BARRIER	LF	120.				
067	706	0400	FIELD OFFICE	EA	1.				
068	706	0500	AGGREGATE LABORATORY	EA	1.				
069	706	0550	BITUMINOUS LABORATORY	EA	1.				
070	706	0600	CONTRACTOR'S LABORATORY	EA	1.				
071	709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	1,690.				
072	709	0151	GEOSYNTHETIC MATERIAL TYPE R1	SY	429.				
073	709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	895.				
074	714	0905	PIPE CONC REINF 36IN CL III	LF	28.				
075	714	3035	END SECT-CONC REINF 36IN	EA	2.				
076	714	4099	PIPE CONDUIT 18IN-APPROACH	LF	138.				
077	714	4106	PIPE CONDUIT 24IN-APPROACH	LF	733.				
078	714	4113	PIPE CONDUIT 30IN-APPROACH	LF	430.				
079	714	4132	PIPE CONDUIT 54IN-APPROACH	LF	982.				
080	714	9912	FLAP GATE 24IN	EA	1.				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
081	714	9925	FLAP GATE-RELAY ALL SIZES	EA	1.				
082	720	0110	RIGHT OF WAY MARKERS	EA	34.				
083	720	0130	IRON PIN R/W MONUMENTS	EA	19.				
084	720	0135	IRON PIN REFERENCE MONUMENTS	EA	15.				
085	722	6200	ADJUST MANHOLE	EA	1.				
086	748	0140	CURB & GUTTER-TYPE I	LF	218.				
087	750	0101	SIDEWALK CONCRETE REINF	SY	246.				
088	750	0115	SIDEWALK CONCRETE 4IN	SY	203.				
089	750	2115	DETECTABLE WARNING PANELS	SF	160.				
090	752	0911	TEMPORARY SAFETY FENCE	LF	470.				
091	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	65.				
092	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	71.				
093	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	324.				
094	754	0592	RESET SIGN PANEL	EA	1.				
095	754	0803	OBJECT MARKERS - TYPE III	EA	16.				
096	754	0805	OBJECT MARKERS - CULVERTS	EA	4.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						$$$$$	000	$$$$$	00
097	760	0025	SINUSOIDAL RUMBLE STRIP - ASPHALT SHOULDER	MILE	6.300				
098	760	0027	SINUSOIDAL RUMBLE STRIP - ASPHALT CENTERLINE	MILE	3.200				
099	762	0103	PVMT MK PAINTED-MESSAGE	SF	195.				
100	762	0422	SHORT TERM 6IN LINE-TYPE R	LF	3,343.				
101	762	0426	SHORT TERM 24IN LINE-TYPE R	LF	20.				
102	762	0432	SHORT TERM 6IN LINE-TYPE NR	LF	6,678.				
103	762	0442	SHORT TERM MESSAGE-TYPE NR	SF	133.				
104	762	1106	PVMT MK PAINTED 6IN LINE	LF	63,373.				
105	762	1108	PVMT MK PAINTED 8IN LINE	LF	1,810.				
106	762	1124	PVMT MK PAINTED 24IN LINE	LF	79.				
107	762	1140	PVMT MK PAINTED CURB TOP & FACE	LF	274.				
108	764	2080	REMOVE BOX BEAM GUARDRAIL	LF	1,011.				
109	764	2081	REMOVE END TREATMENT & TRANSITION	EA	12.				
110	770	0003	LIGHTING SYSTEM A	EA	1.				
111	900	1000	TEMPORARY STREAM DIVERSION	EA	4.				
			TOTAL SUM BID						

Project: SS-6-032(075)231 (PCN-23896)

Type of Work: MILL, HMA, SIDEWALK, AND STRUCTURES

County: PEMBINA

Length: 5.0980 Miles

TIME FOR COMPLETION:

The undersigned Bidder agrees, if awarded the contract, to prosecute the work with sufficient forces and equipment to complete the contract work within the allowable time specified as follows:

WORKING DAY CONTRACT: **NA** working days are provided. The Department will begin charging working days beginning **NA** or the date work begins on the project site, whichever is earlier.

CALENDAR DAY CONTRACT: **NA** calendar days are provided. The completion date will be determined by adding **NA** calendar days to **NA** or the date work begins on the project site, whichever is earlier.

COMPLETION DATE CONTRACT The project completion date is **10/23/2027**. The Department provides a minimum of **NA** working days. The Department will begin charging working days beginning **NA** or the date work begins on the project site, whichever is earlier.

Project: SS-6-032(075)231 (PCN-23896)

Type of Work: MILL, HMA, SIDEWALK, AND STRUCTURES

County: PEMBINA

Length: 5.0980 Miles

CONTRACT EXECUTION:

The undersigned Bidder agrees, if awarded the contract, to execute the contract form and furnish a contract bond within fifteen calendar days, as determined by NDCC Section 1-02-15, after date of notice of award, in accordance with the provisions of Sections 103.05 and 103.06 of the Standard Specifications.

AFFIDAVIT:

STATE OF _____)
) ss.
COUNTY OF _____)

The undersigned bidder, being duly sworn, does depose and say that they are an authorized representative of _____
CONTRACTOR NAME
of _____ , a
MAILING ADDRESS

☐ Individual ☐ Partnership ☐ Joint Venture ☐ Corporation

and that they have read, understand, acknowledge, and accept the entire proposal form; and that all statements made by said bidder are true and correct.

_____ , TITLE _____
BIDDER MUST SIGN ON THIS LINE

_____
TYPE OR PRINT SIGNATURE ON THIS LINE

Subscribed and sworn to before me this day.

_____
COUNTY

(Seal) _____ _____
STATE DATE

_____
NOTARY PUBLIC

My commission expires _____

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

Job 23896, SS-6-032(075)231

Mill, HMA, Sidewalk, and Structures

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(Form FHWA 1273 Revised June 25, 2026)

SP Certified Payrolls, dated 3-7-24

SP Project Payment Reporting

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Labor Rates from U.S. Department of Labor dated October 1, 2026 (Mod. No. 5)

On-The-Job Training Program 2026

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PSP 98(25) Permits and Environmental Considerations

SP Fuel Cost Adjustment Clause

NOTICE

TO: All prospective bidders on all North Dakota Department of Transportation Highway Construction Projects.

Contractors moving construction equipment to NDDOT highway construction projects are subject to the Road Restriction Policy with the following modifications:

A. The contractor may purchase up to 10 single trip permits for each NDDOT highway construction project at a cost ranging from $20 to $70 each. These permits must be purchased from the Motor Carrier Division of the Highway Patrol at the central office of the NDDOT in Bismarck, North Dakota.

B. The $1 per mile fee will not be charged for Gross Vehicle Weights (GVW) exceeding 105,500 pounds, 105,500 pounds, and 105,000 pounds for highways Restricted by Legal Weights, 8 Ton, and 7 Ton highways respectively.

C. The $5 per ton per mile fee will be charged only for loads exceeding a GVW of 130,000 pounds, 120,000 pounds, 110,000 pounds and 80,000 pounds for highways Restricted by Legal Weights, 8 Ton, 7 Ton, and 6 Ton highways respectively.

D. The maximum weights per axle for each of the class restrictions still apply. If it is shown that more axles cannot be added, movement may be authorized; however, a $1 per ton per mile fee will be charged for all weight in excess of the restricted axle limits.

E. These construction equipment single trip permits apply to State and US Highways only.

F. The District Engineers and Highway Patrol will select the route of travel.

G. Contractors moving equipment to other than NDDOT highway construction projects are subject to all fees as shown in the Road Restriction Permit Policy.

H. Contractors must call the Highway Patrol prior to movement of all overweight loads on all State and US Highways.

NDDOT ROAD AND VEHICLE RESTRICTIONS Date Revised 05-22-10

ROAD RESTRICTION PERMITS

Permits shall be issued for the movement of non-divisible vehicles and loads on state highways which exceed the weight limits during spring road restrictions. The issuance of permits may be stopped or posted weights changed at any time based on the varying conditions of the roadways. Permits can be obtained from the Highway Patrol.

RESTRUCTION CLASSIFICATIONS WITH ALLOWABLE AXLE WEIGHTS AND GROSS VEHICLE WEIGHTS	PERMIT AND TON/MILE FEES
Highways Restricted by Legal Weight Single Axle -- 20,000 lbs. Tandem Axle -- 34,000 lbs. Triple Axle -- 48,000 lbs. 4 Axles or more -- 15,000 lbs. per axle Gross Vehicle Weight -- 105,500 lbs. Note: The above weights apply to state highways restricted by legal weights, other than interstate highways, in areas where road restrictions are in force. When the gross weight of an axle grouping exceeds 48,000 pounds, the $1 per ton per mile shall apply to all weight in excess of 15,000 pounds per axle.	Permit Fee: $20-$70 per trip Ton Mile Fee: 105,501 lbs. to 130,000 lbs. GVW -- $1 per mile Over 130,000 lbs. GVW – $1 per mile **plus** $5 per ton per mile for that weight exceeding 130,000 lbs. GVW Exceeding axle limits -- $1 per ton per mile
8-Ton: Single Axle -- 16,000 lbs. Tandem Axle -- 32,000 lbs. 3 Axles or more -- 14,000 lbs. per axle Gross Vehicle Weight -- 105,500 lbs.	Permit Fee: $20-$70 per trip Ton Mile Fee: 105,501 lbs. to 120,000 lbs. GVW -- $1 per mile Over 120,000 lbs. GVW – $1 per mile **plus** $5 per ton per mile for that weight exceeding 120,000 lbs. GVW Exceeding restricted axle limits -- $1 per ton per mile
7-Ton: Single Axle -- 14,000 lbs. Tandem Axle -- 28,000 lbs. 3 Axles or more -- 12,000 lbs. per axle Gross Vehicle Weight -- 105,500 lbs.	Permit Fee: $20-$70 per trip Ton Mile Fee: 105,500 lbs. to 110,000 lbs. GVW -- $1 per mile Over 110,000 lbs. GVW – $1 per mile **plus** $5 per ton per mile for that weight exceeding 110,000 lbs. GVW Exceeding restricted axle limits -- $1 per ton per mile
6-Ton: Single Axle -- 12,000 lbs. Tandem Axle -- 24,000 lbs. 3 Axles or more -- 10,000 lbs. per axle Gross Vehicle Weight -- 80,000 lbs.	Permit Fee: $20-$70 per trip Ton Mile Fee: $5 per ton per mile for all weight exceeding 80,000 lbs. GVW Exceeding restricted axle limits -- $1 per ton per mile
5-Ton: Single Axle -- 10,000 lbs. Tandem Axle -- 20,000 lbs. 3 Axles or more -- 10,000 lbs. per axle Gross Vehicle Weight -- 80,000 lbs.	No overweight movement allowed

SINGLE UNIT FIXED LOAD VEHICLES SUCH AS TRUCK CRANES AND WORKOVER RIGS

A. Permit Fee and Ton Mile Fee for Self-Propelled Fixed Load Vehicles.

1. Permit Fee: $25 per trip

2. $1 per ton per mile for all weight in excess of restricted axle limits or in excess of legal limits on state highways in areas where road restrictions are in force. When the gross weight of an axle grouping exceeds 48,000 pounds, the $1 per ton per mile shall apply to all weight in excess of 15,000 pounds per axle (see weight classification chart in section C.)

3. $5 **per ton per mile** for all movements exceeding the following gross vehicle weight limits:

    a. 105,500 lbs. GVW on unrestricted state highways, other than interstate highways, in areas where road restrictions are in force.
    b. 105,500 lbs. GVW on 8-ton highways.
    c. 105,500 lbs. GVW on 7-ton highways.
    d. 80,000 lbs. GVW on 6-ton highways.
    e. No overweight movement allowed on 5-ton highways

B. Permit Fees for Work-Over Rigs and Special Mobile Equipment Exceeding 650 but not 670 Pounds Per Inch Width of Tire.

1. Permit Fee:
    a. $50 per trip on work-over rigs up to 650 pounds per inch width.
    b. $75 per trip on work-over rigs that exceed 650 but not 670 pounds per inch width of tire.
2. The work-over rig shall be stripped to the most minimum weights.
3. A minimal number of state highway miles shall be used.
4. District engineer approval shall be obtained prior to movement when vehicle exceeds restricted axle weights by more than 5,000 pounds.
5. A validation number ending in TM must be obtained from the Highway Patrol prior to using a self-issue single trip movement approval form.
6. The ton mile shall be waived.

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION

"HOT LINE"

As part of its continuing investigation into Highway Construction Contract Bid Rigging and abuses in the Disadvantaged Business Enterprise Program, the Inspector General for the Department of Transportation (DOT) has established a "HOT LINE" to receive information from contractors, suppliers, or anyone with knowledge of such activities.

The toll-free "HOT LINE' telephone number is 1-800-424-9071 and will be manned during normal working hours (8 a.m. to 5 p.m. EST). This operation is under the direction of DOT's Inspector General. All information will be treated confidentially and anonymity will be respected.

CALL
Inspector General's 'HOT LINE'
Toll Free 1-800-424-9071
Washington, DC Area:
202-366-1461
Fax: 202-366-7749

WRITE
Inspector General
Post Office Box 23178
Washington, DC 20026-0178

Email: hotline@oig.dot.gov

The field office address and telephone number for NORTH DAKOTA is:

CHICAGO REGIONAL OFFICE

Special Agent-in-Charge
Commercial: 312-353-0106
111 N. Canal St., Suite 677
Chicago, Illinois 60606

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
PRICE SCHEDULE FOR MISCELLANEOUS ITEMS (PS-1)

The Contractor agrees to accept the following unit prices for each listed item of work and or material when no project contract unit price exists for that item. Materials and construction methods used in performing maintenance and restoration work for 107. 08 Haul Roads shall meet the requirements of the relevant specifications.

Each price listed will be full compensation for the cost of labor, material, and equipment necessary to provide the item of work and/or material, complete in place, including (but not limited to) royalty, disposal of unsuitable material, equipment rental, sales tax, use tax, overhead, profit, and incidentals.

Each listed item is referenced to the Standard Specifications by Section number and Section name.

Spec	Code	Specification Section No.	Section Name	Item	Price
100	9950	704.04 C.5	Temporary Traffic Control	Flagging	$61.00 per MHR
100	9951	216.04	Water	Water	$35.00 per M Gal
100	9952	430.04 G & I.3	HMA – Bituminous Materials	Patching – Machine Placed	$250.00 per Ton
100	9952	430.04 G & I.3	HMA – Bituminous Materials	Patching – Hand Placed	$270.00 Per Ton
100	9954	302.04 B	Aggregate Base and Surface Course	Aggregate Base CL 13	$40.00 per Ton [1]
100	9955	203.01 C	Rock Excavation	Rock Excavation	$30.00 per CY
100	9956	203.01 D	Shale Excavation	Shale Excavation	$9.25 per CY
100	9957	203.01 E	Muck Excavation	Muck Excavation	$10.50 per CY
100	9958	203.01 G & 203.05 G.3	Excavation and Embankment	Overhaul	$0.08 per CY-Sta
100	9960	420.04 E	Bituminous Seal Coat	Blotter Sand	$40.00 per Ton [1]
100	9962	260.06	Silt Fence	Cleaning Silt Fence	$5.00 per LF
100	9963	261.06	Fiber Rolls	Cleaning of Fiber Rolls	$5.00 per LF
100	9964	260.06	Silt Fence	Removal of Silt Fence [2]	$5.00 per LF
100	9965	261.06	Fiber Rolls	Removal of Fiber Rolls [2]	$5.00 per LF

[1] Price Includes haul up to 10 miles. Payment for haul exceeding 10 miles will be according to Section 109.03 E, “Force Account.” The haul distance for aggregate base will be based on the average haul. The haul distance for blotter sand will be from the point where the haul begins to the point where it enters the project.

[2] This is only for pre-existing items that were not installed under the Contract.

CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Davis-Bacon and Related Act Provisions
IV. Contract Work Hours and Safety Standards Act Provisions
V. Subletting or Assigning the Contract
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IX. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
X. Certification Regarding Use of Contract Funds for Lobbying
XI. Use of United States-Flag Vessels

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only).

I. GENERAL

1. Historically, contracting agencies using Federal-aid highway funds were required to ensure Form FHWA-1273 was physically incorporated into all contracts and subcontracts. Effective June 10, 2026, this requirement was eliminated [91 FR 25492]. Future use of Form FHWA-1273 is now optional on the part of the contracting agency using Federal-aid highway funds. FHWA continues to make Form FHWA-1273 available as a convenience to contracting agencies. Contracting agencies must continue to ensure compliance with the provisions cited in Form FHWA-1273 in accordance with the provisions regardless of the use of Form FHWA-1273. Accordingly, the contracting agency retains the authority to determine whether the contractor must use Form FHWA-1273 to physically incorporate required contract provisions in each subcontract and in lower tier contracts. Where permitted by the contracting agency, the contractor may choose other ways to include required contract provisions in each subcontract, besides incorporating Form FHWA-1273. Contract provisions in Form FHWA-1273 are not required to be physically included in subcontracts for design services on Federal-aid design-build contracts, or in purchase orders, rental agreements and other agreements for supplies or services.

The applicable provisions of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor or design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents.

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION

The contractor and all subcontractors must comply with the following policies: 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract.

1. Assurances Required:

a. The requirements of 49 CFR Part 26, including any amendments thereto, and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26, including any amendments thereto, in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

(1) Withholding monthly progress payments;
(2) Assessing sanctions;
(3) Liquidated damages; and/or
(4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E, including any amendments thereto, are incorporated by reference. 49 CFR Part 21.

III. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 “Contract provisions and related matters” with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act (40 U.S.C. 3141(2)(B)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided,* That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH–1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in 29 CFR part 1, a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

(ii) The classification is used in the area by the construction industry; and

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is used in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the

classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to *DBAconformance@dol.gov*. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30–day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to *DBAconformance@dol.gov*, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30–day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. *Fringe benefits not expressed as an hourly rate.* Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided,* That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph 2.a. of this section or Section IV, paragraph 3.a., or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. *Basic record requirements* (1) *Length of record retention.* All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) *Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act); daily and weekly number

of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (*e.g.,* the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH–347 or in any other format desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division website at *https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347/.pdf* or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR part 3; and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) *Use of Optional Form WH–347.* The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 3729.

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under 29 CFR part 6 any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices* (1) *Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with 29 CFR part 30, including any amendments thereto.

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section III. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs (1) through (11) of this section, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the

contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of 40 U.S.C. 3144(b) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of 40 U.S.C. 3144(b) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, 18 U.S.C. 1001.

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or 29 CFR part 1 or 3; or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or 29 CFR part 1 or 3.

IV. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* $33 as of January 15, 2025 (See 90 FR 1859) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section III paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

V. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term “perform work with its own organization” in paragraph 1. of this section refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
(2) the prime contractor remains responsible for the quality of the work of the leased employees;
(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph 1. of this section is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however,

contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VI. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

VIII. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of $150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

IX. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1**. Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. “First Tier Covered Transactions” refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (https://www.sam.gov/). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

* * * * *

3. **Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. “First Tier Covered Transactions” refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (https://www.sam.gov/), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

* * * * *

X. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

XI. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS (40 U.S.C. sections 14501(d) and 14701 and the Appalachian Regional Commission Code as authorized under 40 U.S.C. section 14302)
This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 40 U.S.C. 14501 allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

CONTRACT SPECIAL PROVISION
MANDATORY USE OF
AUTOMATED CERTIFIED
PAYROLL

All contractors on NDDOT federal-aid projects, including city/county projects, must file weekly Certified Payrolls, as required under Davis-Bacon and Related Acts (DBRA). **The NDDOT requires the use of LCPtracker, a paperless online system for entering and filing these certified payrolls. Certified payrolls in paper form will no longer be accepted, and all contractors must file their payroll electronically.**

After award, the Prime Contractor (Prime) must:

1. Designate an individual as Prime Approver for the project. The Prime Approver will oversee DBRA payroll for all subcontractors of all tiers on the project. A contractor may inform the NDDOT Civil Rights Division (CRD) that the same individual will be Prime Approver on all projects. CRD will set up the Prime Approver Account for the project. Thereafter, the Prime Approver will have the responsibility to use the Account to approve all payroll on the project. Until payroll is approved by the Prime Approver, it cannot be viewed by the NDDOT and it is not deemed submitted to the NDDOT.

2. The prime contractor has the responsibility to assign subcontractors within the LCPtracker system to the project and to ensure that all subcontractors are aware of the necessity to file payrolls electronically and are set up within the system. Any subcontractor not on Approved Subcontractor List or the Qualified Contractor List must register and be placed one of these lists before entry of the subcontractor into LCPtracker. These lists may be found at: https://www.dot.nd.gov/construction-and-planning/construction-and-contractor-resources/contractor-information. Only Prime Approvers or the CRD may enter subcontractors into LCPtracker.

3. The prime contractor has the responsibility to see that all required payrolls are filed by subcontractors of all tiers. If payroll is rejected or project staff otherwise requests a correction of payroll by any subcontractor on the project, the prime contractor has a responsibility to see that corrected payroll is submitted.

4. For further information on certified payroll, go to the NDDOT Labor Compliance Program (Davis-Bacon)/LCPtracker page at: https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon. On this page, contractors will find a Getting Started on LCPtracker Guide and a Prime Approver Guide. Recorded trainings are also available on this page for both contractors and prime approvers. Contractors can obtain an LCPtracker user name and password by calling the NDDOT Civil Rights Division at (701) 328- 2605 or (701) 328-2576.

CONTRACT SPECIAL PROVISION
MANDATORY USE OF ONLINE
PROJECT PAYMENT REPORTING

A. DESCRIPTION

This Special Provision (SP) replaces Section 109.04 D, "Prompt Payment"

This SP details the requirements for Contractors to document payment to all tiers of DBE subcontractors and suppliers and all non-DBE subcontractors. For the purposes of this SP, the term "payee" will be used to denote all tiers of DBE subcontractors and suppliers as well as all tiers of non-DBE subcontractors.

The Department utilizes the Certification and Compliance System (CCS) for this purpose. The direct web address to this system is https://dotnd.diversitycompliance.com/

B. PROMPT PAYMENT REQUIREMENTS

Within 20 calendar days of receiving payment from the Department, pay all payees their portion of the payment less applicable retainage, not to exceed 2 percent. If the Contractor does not make prompt payment, the payee may notify the Engineer.

The Contractor may withhold payment to a payee for just cause. If withholding payment from a payee, immediately provide written notification to the payee and the Engineer with the reasons for withholding the payment. If the Engineer determines the Contractor is withholding payment with just cause, interest will not accrue.

If the Engineer determines the Contractor is withholding payment without just cause, beginning on the 21st calendar day after the Contractor's receipt of payment from the Department interest will accrue for the payee at the rate provided by NDCC 13-01.1-02. Additionally, the Department may withhold all payments to the Contractor until the Contractor properly pays the payee and agrees to make all future payments to payees as required by the contract.

The Department will apply these prompt payment procedures to all payees, in accordance with 49 CFR 26.29.

C. REPORTING REQUIREMENTS

1. General.

Create a vendor account with CCS if one does not exist. Create a user for each employee who will use the system and identify the main user. The main user will receive communications from the Department.

2. Utilization Plan.

Complete a Utilization Plan (UP) and submit it for approval in CSS within 14 days of being notified the UP is available, or contract execution, whichever is later. The Department may grant an extension upon written request from the Contractor.

List all payees with the UP and at the proper tier. Ensure payees are completing their requirements and provide assistance as necessary.

The Department's Civil Rights Division will review the UP, verify the DBE participation is reported correctly, and approve the UP or return it for updates. If the UP is returned it will contain a note describing the necessary updates. Complete changes and resubmit within 7 days of receiving a returned UP.

a. Non-Account Holders.

If a payee does not already have an account within CSS when creating the UP send the information listed below to the compliance officer via CSS:

- Company name;
- Mailing address;
- Phone number;
- Contact person's name; and
- Contact person's email address.

The NDDOT will then set up a vendor account within CCS for the payee and notify the contractor when they are available to add to the UP.

b. Additional Payees.

If a payee is added after the initial UP is approved, submit a request for the payee to be added via the "Subs" tab inside CCS. Complete this process before the payee is due payment.

3. Payments.

Once the UP is approved, the UP is locked in and contractor progress payments will be reported, and the monthly auditing process begins. An audit is the term used in the system to refer to a monthly period while the project is active.

Contractors must report any payments for all payees for each audit period. A payment may be marked as final and if the payee agrees to the final payment no other reporting will be required on that payee. Payments of $0 must be reported or the audit will be considered incomplete. Audits are available in subsequent months, meaning the January audit period will open in February. Payments not reported within 30 days will be considered past due. Audits containing past due payments must be unlocked by a system administrator.

4. Payment Discrepancies.

Payees are required to confirm payments or open a Discrepancy (dispute original submission) within 30 days of the payment being recorded. Payments not confirmed nor disputed within 30 days will be auto-confirmed by the system administrators and the ability to dispute that payment will no longer be available. Contractors are to ensure the payees on their project are timely confirming/disputing payments.

Attempts should be made to resolve Discrepancies between the two parties. CCS provides functionality for each party to comment publicly or privately (private comments are visible to system administrators only). If the parties cannot come to a resolution, the Department will make a resolution. The Department may request additional information, if applicable, before making a resolution.

5. **Certification and Compliance System Assistance.**
   A user manual for UP's and recording project payments is available within the system. The user manual and other training is offered by navigating to it once logged in. A UP does not have to be assigned to an entity to view the guide or attend system training.

   For further assistance, contact the Civil Rights Division for DBE related inquiries and the Construction Services Division for all other inquiries.

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NOTICE:

All employees of contractors performing electrical work outdoors as part of a highway construction project must be classified and compensated under the applicable Line Construction rates. Electrical work that is performed exclusively within a commercial building structure, such as a rest area facility, must be classified and compensated under the Electrician rates. Contractors are prohibited from classifying employees engaged in any phase of electrical work on highway construction projects as power equipment operators or laborers and should be classified and compensated in either the line construction or electrician rates.

Apprentices in Line Construction

Apprentices in Line Construction must be classified and paid as Apprentice Linemen, with wages based on a percentage of the journeyman rate that corresponds to their current level of training in the apprenticeship program. When performing work as an Apprentice Lineman, the employee must receive the correct apprentice wage and fringe benefits.

If an Apprentice Lineman is assigned duties that fall under a different line construction classification—such as Groundman—they must be reclassified and paid accordingly for the duration of that work.

Contractors are responsible for:

- Monitoring the progress of employees enrolled in the U.S. Department of Labor (DOL) Lineman/Electrical Apprenticeship Program.
- Uploading all approved apprenticeship documents under the eDocuments tab in LCPtracker.
- Updating the employee's profile within LCPtracker to reflect their apprentice status and current training level.
- Notifying the LCPtracker Administrator once the documents and profile updates are complete, so the apprenticeship submission can be reviewed and approved.

As an apprentice advances in their program, it is the contractor's responsibility to update the system and notify the LCPtracker Administrator to ensure accurate wage classification and compliance.

Fringe benefits for electricians and line construction workers for time and half and double time are computed differently. The guidance for computing electrician and line construction workers is based on the collective bargaining agreement received from the electricians/line construction union IBEW 714. The following is an example of how to compute electricians and line construction workers time and half wages on a federally funded highway construction project.

Time and half example:
Rate of wage: $55.35 + $27.68 = $83.03
NEBF - $2.49 ($83.03 X .03 = $2.49)
NEAP - $20.76 ($83.03 X .025 = $20.76)
LINECO - $7.50
HR - $1.55
Total - $115.33

For assistance or questions concerning Davis-Bacon Wages and Requirements, go to

https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon

Or contact:
Civil Rights Division
North Dakota Department of Transportation
608 East Boulevard Avenue
Bismarck, ND 58505-0700
Phone: 701-328-2605 Email: civilrights.nd.gov

LABOR RATES FROM U.S. DEPARTMENT OF LABOR

NDDOT's *Davis-Bacon Wage and Payroll Requirements Handbook* is available at:
https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon

U.S. DEPARTMENT OF LABOR

STATE	COUNTY	
NORTH DAKOTA	STATEWIDE	ND20260006 Page 1

DATE OF DECISION
01-16-2026
01-30-26(Mod.1)
05-18-26(Mod.2)
07-30-26(Mod.3)
08-06-26(Mod.4)
10-01-26(Mod.5)

	Basic Hourly Rates	Fringe Benefits Payments H & W/Pensions
CARPENTERS	$39.45	$ 9.75
CEMENT MASONS/FINISHERS	39.45	9.75
LINE CONSTRUCTION:		
Lineman	55.35	24.55
Cable Splicer	55.35	24.55
Line Equipment Operator	47.00	22.21
Groundman	31.32	14.69
ELECTRICIANS:		
Electrician	55.35	24.55
Cable Splicer	55.35	24.55
(Adams, Billings, Bottineau, Bowman, Burke, Divide, Dunn, Emmons, Golden Valley, Grant, Hettinger, McHenry, McKenzie, Mclean, Mercer, Mountrail, Oliver, Pierce, Renville Rolette, Sheridan, Sioux, Slope, Ward and Williams Counties)		
Electrician	55.35	24.55
Cable Splicer	55.35	24.55
(Barnes, Benson, Cavalier, Dickey, Eddy, Foster, Grand Forks, Griggs, Kidder, La-Moure, Logan, Mcintosh, Nelson, Pembina, Ramsey, Ransom, Richland, Sargent, Steele, Stutsman, Towner, Traill, Walsh, and Wells Counties)		
Electrician	55.35	24.55
Cable Splicer	55.35	24.55
(Burleigh, Morton and Stark Counties)		
Electrician	40.00	19.36
(Cass County)		
WELDERS:		
Receive rate prescribed for craft performing operation to which welding is incidental		

	Basic Hourly Rates	Fringe Benefits Payments H & W/Pensions
LABORERS:		
Group 1 General Construction Laborers: Sack Shaker (cement and mineral filler); pipe handler; drill runner tender; salamander heater and blower tender; light truck; pickup driver; flaggers; pilot car drivers.	$31.40	$ 3.90
Group 2 Semi Skilled Laborer: bulk cement handler; conduit layer, telephone or electrical, form setter (pavement); gas electric or pneumatic tool operator; chipping hammer; grinders and paving breakers (tamper-dirt); concrete vibrator operator; chain saw operator; Concrete saw operator, concrete curing man (not water); bituminous worker (shoveler, dumper, raker and floated); kettleman (bituminous or lead); concrete bucket signalman; power buggy operator; brick and mason tender; muti-plate pipelayer; culvert pipe layers; carpenters tenders.	31.65	3.90
Group 3 Caisson Worker: Bottom Man (Sanitary sewer, storm sewer, water and gas liners); Concrete Mixer Operator (one bag capacity); Mortar Mixer.	31.80	3.90
Group 4 Drill Runner (includes Wagon Chum or Air Track); Pipe Layers (sanitary sewer, storm sewer, water, and gas lines); Powderman; gunite and sandblast; Nozzleman; Rein forcing Steel Sellers/Tiers: Concrete Finisher Tender.	32.55	3.90
POWER EQUIPMENT OPERATORS:		
Group 1 All Cranes 60 tons and over; Cranes doing piling, sheeting, dragline/clam work; Derrick (Guy and Stiff); Gentry Crane Operator; Helicopter Operator; Mole Operator or Tunnel Mucking Machine; Power Shovel;3-1/2 CY and over; Traveling Tower Crane.	38.25	24.05
Group 2 All Cranes 59 tons and under; Backhoe Operator 3 CY. and over; Creter Crane; Dredge Operator 12” and over; Equipment Dispatcher; Equipment Foreman; Finish Dozer; Finish Motor Grader; Front End Loader Operator 8 CY. and over; Master Mechanic (when supervising 5 or more Mechanics); Mon-O-Rail Hoist Operator; Power Shovel up to and including 3 CY; Tugboat.	36.85	24.05

POWER EQUIP.OPERATORS: (CONT.)

	Basic Hourly Rates	Fringe Benefits Payments H & W/Pensions
Group 3 Asphalt Paving Machine Operator; Asphalt Plant Operator; Automated Grade Trimmer; Backhoe Operator, 1 CY. up to and including 2-1/2 CY.; Boom Truck Hydraulic 8 tons and over; Cableway Operator; Concrete Batch Plant Operator (electronic or manual); Concrete Mixer Paving Machine Operator; Concrete Paver Bridge Decks; Concrete Pump; Concrete Spreader Operator and Belt Placer; Crushing Plant Operator; Dozer Operator; Dredge Operator or Engineer 11" and under; Drill Rigs, Heavy Duty Rotary or Churn or Cable Drill; Front End Loader Operator, 3-1/2 CY up to and including 7-1/2 CY; Gravel Washing and Screening Plant Operator; Lazer-Screed Operator; Locomotive, all types; Mechanic or Welder(Heavy Duty); Motor Grader Operator; Pavement Breaker (Non-Hydro Hammer Type, Pipeline Wrapping, Cleaning and Bending Machine Operator); Power Actuated Auger and Horizontal Boring Machine Operator 6" and over; Refrigeration Plant Engineer; Rota Milling Machine (SurfacePlaner) 43" and over; Scraper Operator; Slip Form Concrete Paving Operator; Tandem Pushed Quad 9 or similar; Tractor with Boom Attachment; Trenching Machine Operator 100 H.P. and over.	$36.60	$24.05
Group 4 Articulated/Off Road Hauler; Asphalt Dump Person(Controls the spread of asphalt); Asphalt Paving Screed Operator; Backhoe, up to and including 1/2 CY; Boring Machine Locator; Console Board Operator; Curb Machine Operator; Distributor Operator (Bituminous); Forklift Operator; Front End Loader,1-1/2 CY up to and including 3 CY; Fuel/ Lube Truck Operator; Grade Person(Responsible for establishing and determining grade through instrumentation); Gravel Screening Plant Operator (not Crushing or Washing); Greaser; Hydro Vac and Hydro Excavator self propelled; Longitudinal Float and Spray Operator; Micro Surfacer Machine; Motor Grader Operator (Haul Roads); Paving Breaker HydroHammer Type; Pugmill Operator; Push Tractor; Roller, Steel and Rubber on Hot Mix Asphalt Paving; Rotomilling Machine (Surface Planer), up to and including 42"; Rumble Strip Machine; Sand and Chip Spreader; Self-Propelled Sheepsfoot Packer with or without Blade Attachment; Self Propelled Traveling Soil Stabilizer; Sheepsfoot Packer with Dozer Attachment 100 H.P. and over; Shouldering Machine; Slip Form, Curb and Gutter Operator; Slurry Seal Machine; Tamping Machine Operator; Tie Tamper and Ballast Machine; Trenching Machine Operator, 46 H.P. up to and including 99 H.P.; Truck Mechanic; Tub Grinder; Well Points.	36.45	24.05
Group 5 Boom Truck, A-Frame or Hydraulic 2 tons up to and including 7 tons; Broom Self-Propelled; Concrete Saw (power operated); Cure Bridge Operator; Front End Loader Operator, less than 1-1/2 CY; Mobile Cement Mixer-Non-Truck; Power Actuated Auger and Horizontal Boring MachineOperator up to and including 5"; Roller (on other than hot mix asphalt		

	Basic Hourly Rates	Fringe Benefits Payments H & W/Pensions
POWER EQUIP.OPERATORS: (CONT.)		
Group 5 (CONT.) paving); Oilers; Vibrating Packer Operator (Pad Type) (Self Propelled); Water Spraying Equipment-Self Propelled; Skidsteer Operator with attachments.	$35.60	$24.05
Group 6 Assistant/Apprentice Operator; Brakeman or Switchman; Dredge or Tugboat Deckhand; Drill Truck Gravel/Testing Operator; Form Trench Digger (Power); Gunite Operator Gunall; Paint Machine Striping Operator; Pickup Sweeper, 1 CY and over Hopper Capacity; Scissor Jack {Self -Propelled) Platform Lift; Straw Mulcher, Blower and straw press; Stump Chipper Operator; Tillage Equipment Operator; Tractor Pulling Compaction or Aerating Equipment and no till drills; Trenching Machine Operator up to and including 45 H.P.	34.80	24.05
TRUCK DRIVERS:		
Single-Axle Truck	35.14	19.98
Tandem- and Tri-Axle Truck	35.26	19.98
Tandem- and Tri-Axle Semi, Lowboy	35.57	19.98
Off Road Heavy Duty End Dumps 20 Yards and Under	35.57	19.98
Euclid, Over 20 Yards	37.09	19.98

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses [29 CFR, 5.5 (a) (1) (iii)].

HIGHWAY CONSTRUCTION PROJECTS

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022.

Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION (NDDOT)
ON-THE-JOB TRAINING SPECIAL PROVISION

The bidder's signature on the proposal sheet indicates the bidder agrees to take part in the On-the-Job Training (OJT) Program and to follow the OJT Program Manual and Special Provision. Contractors that fail to do so will be subject to suspension of progress payments or sanctions up to and including revocation of bidding privileges.

OJT is training conducted in a highway construction work environment designed to enable minority, female, and economically disadvantaged individuals to learn a bona fide skill and qualify for a specific occupation through demonstration and practice.

After a training program and trainee candidate have been approved, the contractor begins training its regular employee according to the approved program. The goal of this training is to retain the trainee as a permanent employee within the ND Highway Construction industry. OJT involves individuals at the entry level. Training is designed to help participants reach their fullest potential and become self-sufficient in the job.

I. POLICY STATEMENT

The purpose of the OJT Program is to provide training in the highway construction industry for minority, female, and economically disadvantaged individuals, from this time known as the targeted group. Pursuant to 23 Code of Federal Regulations Part 230, Subpart A, Appendix B - Training Special Provisions, this program provides for on-the-job training aimed at developing journey-level workers in skilled trades.

The Contractor shall take all necessary and reasonable steps to ensure that minorities and women have the opportunity to compete for and participate as trainees or apprentices and to develop as journey-level workers employed in the skilled trades.

Contractors should select a training program(s) based on their company's employment/staffing needs as stated in the OJT Program Manual.

II. INTRODUCTION/PROGRAM BACKGROUND

The OJT Program was originally prepared through the cooperative efforts of the Associated General Contractors of North Dakota (AGC); the Federal Highway Administration (FHWA); the North Dakota Department of Transportation (Department); and, other program stakeholders.

Successful operation of the OJT Program requires contractors to follow uniform and basic training procedures, keep records of trainee progress, and report each trainee's completion or termination.

III. ASSIGNED OJT POSITIONS

A. Trainee positions are assigned based only on federal highway dollars awarded to contractors from April to March. Trainee assignments are not project specific; that means the contractor may train program participants on any project where training opportunities exist within the state of North Dakota.

The number of trainee positions assigned will be determined by formula based on calculations involving particular project specification numbers on applicable projects.

Once the formula calculations are determined the OJT Program Administrator completes a further analysis based on number of trainees per contractor, contractor work type, location, past assignments, etc.

The types of projects NOT applicable in the calculation to assign trainee positions are:

- County-only or state-only funded projects
- Emergency relief, concrete pavement repair (CPR), electrical, rest area, signing, striping projects
- Projects subject to Tribal Employment Rights Ordinances (TERO)
- Projects not let as part of NDDOT bid openings

B. Contractors will receive the number of positions assigned and links to resources necessary for completion of program requirements via email.

C. The number of trainee positions assigned to each contractor will increase proportionately, as shown below, for any applicable federally funded projects awarded to them.

For all federal highway dollars awarded from April to March the following year:

8,000,000	to 16,000,000	1	trainee
16,000,001	to 24,000,000	2	trainees
24,000,001	and above	3	trainees

A maximum of three (3) trainee positions in a federal fiscal year will be assigned to any prime contractor regardless of dollar amount. Carryover positions from a prior construction season are not included in the three trainee maximum, e.g., a contractor with one carryover and three assigned positions may have a total four trainees.

Contractors assigned OJT positions are required to attend one-on-one meetings with the OJT Program Administrator and the OJT Supportive Services Consultant in early spring. The meeting is conducted virtually via Microsoft TEAMS. At this meeting any changes to the program and other important information will be shared and the contractor will have an opportunity to ask any questions they may have.

Failure to follow the OJT Special Provision and OJT Program Manual may result in suspension of progress payments or sanctions up to and including revocation of bidding privileges.

IV. FUNDING

The Department will establish an OJT fund annually from which contractors may bill the Department directly for eligible trainee hours. The funds for payment of trainee hours on federal-aid projects will be made available based on 23 USC 504(e) to a maximum of $100,000. The funds for payment of trainee hours on state-aid only projects will be allocated to a maximum of $10,000.

V. ONLINE RESOURCES

SFN 60226 Request for On-the-Job Training Program and Trainee Approval:
http://www.dot.nd.gov/forms/sfn60226.pdf

SFN 51023 Voucher for On-the-Job Training Program Hourly Reimbursement:
http://www.dot.nd.gov/forms/sfn51023.pdf

Davis-Bacon and Related Acts (DBRA) Handbook:
https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon

VI. APPROVALS REQUIRED

A. Requests for Approval of Training Programs and Trainee Candidates must be submitted to Civil Rights Division (CRD). Contractors must request and receive program and trainee candidate approval in order to pay trainees less than the established Davis-Bacon wage for the job classification concerned. **No training program hours will count toward the fulfillment of an assigned trainee position or be eligible for reimbursement without prior approval.** No retroactive approval will be granted.

1. Submit SFN 60226 *Request for On-the-Job Training Program and Trainee Approval* with each trainee's employment application. http://www.dot.nd.gov/forms/sfn60226.pdf and the pre-approved training curriculum for each trainee position assigned by April 1 or within fifteen (15) calendar days of notification.

2. Submit *SFN 7857 Application for Eligibility* directly to Job Service North Dakota (JSND) for approval of an economically disadvantaged individual for participation in the OJT Program.

B. Pre-approved curriculum: NDDOT's OJT Program Manual contains pre-approved training curriculum for a number of skilled trade positions. Contractors should select a training program(s) based on their company's employment/staffing needs.

C. Customized curriculum: To request a training curriculum not included in the pre-approved curriculum, submit a written request for approval by NDDOT Civil Rights Division.

The request must include:

- A training curriculum, including the classification requested, minimum number of hours required, and type of training the individual will receive to achieve journey-level worker status.
- A minimum wage scale.

If approved, each new classification must comply with the provisions specified in the OJT Program Manual. No hours worked prior to approval will be credited toward completion of the customized training program. Training programs for classifications not covered by the Davis-Bacon and Related Acts (DBRA) will be considered on a limited basis.

The contractor may commence its "customized" training as of the date of the written approval.

D. Union apprenticeship and on-the-job training programs registered with the Bureau of Apprenticeship and Training (BAT), U.S. Department of Labor, may be used for trainee positions assigned under the OJT Program, provided the trainees or apprentices are minority, female, or economically disadvantaged. Nonminority males

not certified as economically disadvantaged may only be used when the contractor has requested and received approval, from the Department, for additional trainee positions. The apprenticeship indenture agreements serve as the trainee's job application and must be provided prior to any hours being credited toward OJT Program completion.

E. Power Equipment Operators:

The contractor may train an individual on a combination of equipment if each piece of equipment falls within the same groups of power equipment operators identified in the training curricula (groups 1-3 and groups 4-6). These power equipment operator groups are referenced to the federal DBRA wage rates contained in the contract proposal. As an example, a "utility operator" may receive training on a broom, a front-end loader less than 1½ cubic yards, or other piece of equipment that is used around a paver if each piece falls within either groups 1-3 or groups 4-6. When multiple wage rates apply, the trainee's wage will be based on the equipment being operated at the time or on the highest of the applicable wage rates.

Use of the classification "pickup machine operator (asphalt dump-person)" as a group 4 power equipment operator is considered standard industry practice. The classification is defined as: "Operates the controls on the pickup machine that runs in front of the paver, trips the levers on the dump trucks, and balances the loads for the paver. The pickup machine operates on similar principles as a shouldering machine."

VII. NDDOT'S RESPONSIBILITIES

A. The NDDOT OJT supportive services (OJTSS) consultant will monitor excerpts from the weekly certified payrolls or LCP Tracker for NDDOT projects submitted with the monthly vouchers for reimbursement. On contracts where certified payrolls are not required and not available for supporting documentation, contractors may enter trainee wages, hours in training, and the project control number(s) (PCN) in a spreadsheet to support their reimbursement vouchers. In this case, contractors should work with OJTSS to assure that all information required for payment is provided.

B. The OJTSS consultant will assess when the trainees have completed the specified number of hours and their wages are increased accordingly. The OJTSS consultant will also assure that applicable fringe benefits are paid either directly to the trainees or for the trainee into approved plans, funds, or programs.

C. The OJTSS consultant is charged with visiting trainees and monitoring their progress under the OJT Program. To facilitate the on-site visits, the OJTSS consultant will contact contractors for the location of the trainees weekly.

VIII. CONTRACTOR'S RESPONSIBILITIES

A. Consistently demonstrate efforts to recruit, hire, and train candidates for the OJT Program.

B. Assign each trainee to a particular person–either a supervisor or an employee proficient in the skills to be trained–who shall see that the trainee is given timely, instructional experience. This person must be familiar with the OJT Program, keep proper records, and ensure completion of the required training hours in accordance with the training curriculum.

C. Appoint a company employee who will be available and responsive to weekly contacts by the OJTSS consultant. OJTSS monitors the status of assigned trainee positions (e.g., program and trainee approvals, trainees' progress, etc.). The OJTSS consultant will contact the individual listed on the company's approved SFN 60226 Request for OJT Trainee Approval. This person must reply to communications from the Department and the OJTSS consultant in a timely manner.

D. Must have trainees available to the OJTSS consultant for at least two on-site visits during the construction season. The OJTSS consultant will be provided a private location to meet with the trainee and the trainee will be allowed as much time away from the project as necessary to complete the on-site visit.

E. Make the trainer and project superintendent available to the OJTSS consultant for at least two on-site visits each construction season.

F. Make trainees aware they are formally enrolled in the OJT program.

G. Identify trainees on the payroll excerpts, for example: "grp. 4 roller operator trainee." This includes trainees in job classifications not covered by DBRA. Handwritten notes are appropriate for identification.

H. Notify the Department when a trainee completes the number of hours required to graduate from the OJT Program. The Department will issue the trainee a confirmation letter as proof of the graduate's successful training program completion.

I. Notify the Department to "propose graduation" or discontinue the training period of a trainee who has completed 90% or more of their hours and thereafter advance the trainee to journey-worker status.

J. Elect to upgrade proficient trainees from one power equipment operator group or truck driver group to another, with the approval of CRD. Fewer hours are required to complete the upgraded position.

Minimum number of hours required:

Power Equipment Operator Groups 4-6 to Groups 1-3 = 400 hrs.
Class C Truck Driver to Class B = 200 hrs.
Class B Truck Driver to Class A = 200 hrs.

Depending on the variety of experience the trainee has gained under the previous curriculum, the difference in the hours may be deducted from the actual operation of the piece of equipment or truck. The contractor will need to review the trainee's past performance to make this determination.

K. May hire commercial driver's license (CDL) holders as truck driver trainees. Those having over-the-road driving experience, with little or no highway construction experience, may be considered to have completed the Class C truck driver training curriculum and, therefore, are eligible to be upgraded to a Class B truck driver trainee, with the approval of CRD.

L. May transfer trainees from one project to another to complete the OJT Program. If transfers are made, CRD must be notified and provided with the name of the trainer.

M. May train trainees on municipal, private, or other non-highway work. These training hours must be paid at the OJT minimum wage scale to count toward their OJT Program completion; however, no program reimbursement will be made for those hours. Payrolls of employees trained on non-NDDOT projects must be provided to prove appropriate wages are paid.

N. Must train trainees on projects within North Dakota. Cannot train trainees on projects located outside of the state lines. The OJTSS consultant must be able to visit the trainee twice during their program. It is unreasonable for the OJTSS consultant to make these visits outside of the state.

O. May delegate or reassign trainee positions to subcontractors, with the acceptance of the subcontractors and the approval of CRD. The prime contractor must verify that the trainee will be able to accumulate enough hours to complete his or her training program. If approved, the subcontractor must obtain training program and trainee approval from CRD before the trainee begins work under the OJT program. Program reimbursement will be made directly to the prime contractor. The trainee position will remain the responsibility of the prime contractor.

P. May use trainees on projects subject to TERO requirements as part of the core crew. The training hours will count toward overall OJT Program completion; however, no program reimbursement will be made for those hours unless it is a NDDOT let project.

Q. Must not use one trainee to simultaneously fill multiple trainee positions

R. May use a trainee on a piece of equipment in groups 1-3 or groups 4-6 for one assigned trainee position, then once that trainee has completed the program, the trainee may be trained on a different piece of equipment in groups 1-3 or groups 4-6 to fulfill a second assigned trainee position. When a trainee is used for a second time within a group, the contractor must pay that trainee at the higher wage rate as described in paragraph B under Wage Rates (page 8).

IX. CLASSROOM TRAINING

A. Classroom training may be used to train employees. Each classroom training curriculum must be approved by CRD if the contractor wishes to count the classroom hours as training hours and be reimbursed.

Submit a proposed classroom training curriculum to CRD for approval. Define the type of training the individual will receive, classroom training curriculum, and the minimum number of hours required. The Department will determine the number of hours of credit each trainee will receive toward their training. No retroactive approval will be granted.

Contractors will be reimbursed for classroom training hours after the trainee has completed 40 hours of work on highway construction projects.

Reimbursement for classroom training will be limited to 40 hours per trainee per construction season.

B. The minimum wage scale to be used for classroom training will be that of the first federal-aid highway construction project on which the trainee will be employed. If the trainee is already employed on a federal-aid highway construction project, the trainee will be paid in accordance with the minimum wage scale applicable to that project. However, if the first project on which the trainee will be employed is a state funded only contract, the minimum wage scale to be used for the classroom training will be that of the appropriate DBRA wage in effect at the time of award of the state funded contract.

X. WAGE RATES

A. When the contractor is submitting the trainee's hours toward training program, wages

paid shall in no case be less than that of those stated in the approved curriculum. A trainee working on a non-federal aid project, must be paid the DBRA wage rate in effect at the time of award for the type of work the trainee is performing as a trainee. Current and prior labor rates can be found on the NDDOT website at: https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon

B. The minimum wage rates shall not be less than 80% of the journey-worker rate for the first two quarters of training, 85% of the journey-worker rate for the third quarter, and 90% of the journey-worker rate for the fourth quarter.

- Under the power equipment operator training curricula only, once a trainee has completed a training curriculum in either groups 1-3 or groups 4-6, the contractor may enroll the trainee in another training curriculum on a different piece of equipment in either groups 1-3 or groups 4-6.
- The minimum wage rate under the trainee's second program shall not be less than 85% of the journey-worker rate for the first two quarters of training, 90% of the journey-worker rate for the third quarter, and 95% of the journey-worker rate for the fourth quarter.
- For the purpose of the OJT Program, a quarter is 25% of the hours the trainee works toward completion of their approved program. The first two quarters of a 550-hour training curriculum would end after 275 hours, the third quarter after 138 hours, and the fourth after 137 hours.

C. At any time hours are being attributed toward the completion of the approved training program, trainees shall be paid full fringe benefit amounts, where applicable, in accordance to DBRA requirements. DBRA requirements can be found on the NDDOT website at https://www.dot.nd.gov/about-nddot/civil-rights/labor-compliance-program-davis-bacon

D. At the completion of the OJT Program, the trainee shall receive the wages of a skilled journey-worker.

XI. RECRUITMENT AND SELECTION

A. Prerequisites:

Trainees must possess basic physical fitness for the work to be performed, dependability, willingness to learn, ability to follow instructions, and an aptitude to maintain a safe work environment. Trainees must be a North Dakota resident during their training program.

B. Licenses:

Truck driver trainees must possess appropriate driver permits or licenses for the operation of Class A, B, and C trucks. When an instructional permit is used in lieu of a license, the trainee must be accompanied by an operator who:

1. Holds a license corresponding to the vehicle being operated;
2. Has had at least one year of driving experience; and
3. Is occupying the seat next to the driver.

C. Recruitment:

1. Place notices and posters setting forth the contractor's Equal Employment Opportunity (EEO) Policy and the availability of the OJT Program in areas readily accessible to employees, applicants for employment, and potential employees.
2. Employ members of the targeted group (minority, female, or economically disadvantaged individuals) for all trainee positions assigned in accordance with the OJT Program. Additional positions requested by the contractor may be filled by individuals outside of the targeted groups.
3. Conduct systematic and direct recruitment through public and private employee referral sources.
4. Screen present employees for upgrading to higher skilled crafts. A present employee may qualify as a trainee; however, no work hours will be reimbursed or counted toward program completion prior to training program and trainee approval by CRD.

D. Selection:

1. Hire and enroll OJT trainee candidates who qualify as an individual in the targeted group.
2. Select a training program(s) based on their company's employment/staffing needs.
3. Individuals in the targeted group having experience in the selected curriculum may be eligible to participate in the OJT Program providing they:
    - are not or have not been journey-workers in the selected curriculum, and/or
    - have not been previously trained in the selected curriculum.

XII. BASIS OF PAYMENT

A. Contractors will be paid $4.00 for each hour of training in accordance with the OJT Program Manual.

B. Reimbursement will be made directly to the contractor. Complete SFN 51023 Voucher for On-the-Job Training Program Hourly Reimbursement for each trainee. LCPtracker must be utilized on NDDOT projects for reporting certified payrolls. The OJTSS consultant will be verifying hours submitted on NDDOT projects through this online reporting system. For non-NDDOT projects the firm must attach excerpts from the weekly certified payrolls showing the trainee's hours, rate of pay, and how applicable fringe benefits were paid. Vouchers without excerpts from payrolls will not be paid until the excerpts are provided. If the excerpts from the payrolls are not provided within one week, the voucher will not be paid, and the trainee's hours will not be credited toward completion.

C. On contracts where certified payrolls are not required and not available for supporting documentation, contractors may enter trainee wages, hours in training, and the project control number(s) (PCN) in a spreadsheet to support their reimbursement vouchers. In this case, contractors should work with OJTSS to assure that all information required for payment is provided.

D. Submit completed vouchers to CRD for approval and processing by the fifteenth (15th) calendar day of every following month the trainee is employed under the OJT Program.

Regardless, all vouchers for trainee hours worked on state funded only projects from July 1 to June 30 must be received by CRD no later than July 15 in order to be reimbursed. All vouchers for trainee hours worked on federally funded projects from October 1 to September 30 must be received by CRD no later than October 15 in order to be reimbursed. This is due to state and federal end-of-the-year budget fiduciary requirements.

XIII. FAILURE TO PROVIDE THE TRAINING OR HIRE THE TRAINEE AS A JOURNEY-WORKER

A. The contractor is required to consistently demonstrate efforts to recruit, hire, and train candidates for the OJT Program.

B. If the contractor does not show in a timely manner good faith efforts to recruit, hire, and train candidates in the targeted group, the Department may withhold progress payments

C. If payments have been made, the Department will deduct the amount paid from the contractor's progress payment.

D. No payment shall be made to a contractor for failure to provide the required training or failure to hire the trainee as a journey-worker when such failure is caused by the contractor and evidences a lack of good faith on the part of the contractor in meeting the requirements of this OJT Program Special Provision.

E. Hiring a trainee to begin training as soon as feasible after start of work is evidence of a contractor's good faith efforts to comply with the OJT Program requirements. Additional evidence supporting a contractor's good faith efforts would be to keep the trainee employed as long as training opportunities exist in the approved work classification or until the trainee has completed his or her training program.

F. It is not required that all trainees be employed for the entire length of the construction season. A contractor will have fulfilled its responsibilities under this OJT Special Provision if it has provided acceptable training to the number of trainees assigned.

XIV. UNFILLED OR INCOMPLETE TRAINEE POSITIONS

A. By October 1, provide written explanation of the firm's good faith efforts for unfilled or incomplete trainee assignments to CRD. CRD will decide, on a case-by-case basis, whether to carry the assigned positions over to the next construction season.

B. Positions carried over from the previous construction season must be among the first positions filled at season startup. To notify CRD of the trainee's rehiring, submit *SFN 60226 Request for On-the-Job Trainee Approval*, marking 'Check if Carryover Trainee' in the Approved Training Program section of the form. There is no need for the training position or a returning trainee to be re-approved.

C. Sanctions, up to and including revocation of bidding privileges, may be imposed on the contractor for failure to provide sufficient explanation and documentation for reasons assigned trainee positions when unfilled or incomplete.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

GENERAL

Install, maintain, and remove appropriate Temporary Erosion and Sediment Control Measures (ESCMs).

Definitions:

A. Temporary Erosion and Sediment Control Measures are to be installed and maintained before and during the term of the land disturbance activity. These items are removed when permanent ESCMs are installed.

B. Permanent Erosion and Sediment Control Measures are to be installed and maintained once the project is completed so that the applicable permits can be terminated.

In some instances, individual temporary and permanent ESCMs for a site may consist of identical ESCMs. In these cases, the temporary ESCMs may be used as the permanent ESCMs if they meet the following criteria:

1. The ESCM was installed correctly,
2. Is in a functional condition,
3. Has had all accumulated sediment removed.

C. The Stormwater Pollution Prevention Plan (SWPPP) is the document that identifies potential sources of sediment or other pollution from construction activity and ensures practices are used to reduce the contribution of pollutants from construction site runoff.

D. Contractor Controlled Areas are project areas not included in the contract, and are obtained and solely controlled by the Contractor (e.g., concrete or asphalt batch plants, concrete washout areas, equipment staging yards, material storage areas, excavated material disposal areas, Contractor furnished borrow areas, etc.).

E. Maintenance is any action taken to keep an ESCM in working condition. These actions may consist of repairing failures of the ESCM itself.

F. Noncompliance is any action or inaction that violates the regulations imposed by the applicable permits or the requirements of this special provision and other contract documents. Failure of an ESCM does not necessarily constitute noncompliance as long as the ESCM is repaired, replaced, or supplemented within the timelines established in the applicable permits and no sediment is discharged from the site or into a water of the state.

CONSTRUCTION REQUIREMENTS

A. General.

Develop a SWPPP specific to the project. The creation of the SWPPP is a cooperative effort between the NDDOT who creates the project plan sheets and the Contractor who creates a complete SWPPP which incorporates the plan sheets and the Contractor's means and methods. The project plan sheets by themselves do not meet the requirements of a complete SWPPP and should not be considered as such. The Contractor has the flexibility to modify the design and implementation of the temporary erosion and sediment controls to match the Contractor's means and methods and/or field conditions. These changes must be documented in the SWPPP and meet all regulatory requirements.

B. Permits.

Obtain appropriate permit coverage for the activities conducted in Contractor Controlled Areas. A permit will be required for these areas regardless of their size. The NDDOT will have no responsibility for these areas. Provide copies of the completed and signed Notice of Intent submitted for permit coverage to the Engineer before activities in these areas commence. Do not commence activities in these areas until after permit coverage has begun. Provide copies of Permit Coverage Letters for these areas to the Engineer within 7 days of receiving them from the regulating agency.

C. Submittals.

1. Preconstruction

Provide, at the preconstruction conference, documentation of any Subcontractor hired for erosion control showing that the Subcontractor's on-site supervisor is certified through the NDDOT Erosion & Sediment Control Construction (ESCC) Certification Training. This certification must be maintained by the Subcontractor's onsite supervisor through the term of the contract. The Engineer will provide a verification of their certification through the NDDOT ESCC Certification Training at the preconstruction conference and will maintain that certification through the term of the contract.

For projects covered by an Environmental Protection Agency (EPA) Construction General Permit provide, at the preconstruction conference, the documentation of EPA construction inspection certification for all individuals conducting inspections under this permit.

2. Changes to the Erosion Control Plan.

Provide immediate written notification to the Engineer of proposed changes to the erosion control plan or SWPPP. The Engineer will review the proposed changes and determine if they are adequate. Documentation of maintenance and inspections that have no effect on the erosion control plan or SWPPP do not require Engineer approval.

3. Inspection Reports

Provide copies of all inspections, documentation, record keeping, maintenance, remedial actions, and repairs required by the applicable permits to the Engineer. Provide these records within 3 working days of their creation.

D. Construction.

Install a rain gauge to monitor rainfall amounts as required by the appropriate permit.

Install perimeter erosion and sediment ESCMs according to the plans/SWPPP before site disturbance.

Do not rely on perimeter ESCMs as the sole method of controlling erosion. As the project progresses, install temporary erosion and sediment ESCMs within the perimeter ESCMs to control erosion resulting from the construction of the project.

Change the location of temporary erosion and sediment ESCMs to fit the field conditions.

Use temporary erosion and sediment ESCMs to prevent contamination of adjacent streams or other watercourses, lakes, ponds or other areas of water impoundment.

Update the SWPPP as work progresses, or as directed by the Engineer. Update the SWPPP to show changes due to revisions in work schedules or sequence of construction. Update the site map to reflect erosion and sediment ESCMs that have been installed, changed, or removed.

Install stabilization ESCMs (mulch, seeding and mulch, etc.) in areas that have been disturbed where work has temporarily or permanently ceased following the timelines established in the applicable permits. If implementation of stabilization is precluded by snow cover, undertake such measures as soon as conditions allow or perform winter stabilization techniques.

Coordinate temporary ESCMs with the construction of permanent ESCMs to provide continuous erosion control. Do not install temporary ESCMs when permanent ESCMs are able to be installed. Once the permit is terminated or transferred to the Department, the maintenance of the permanent ESCMs becomes the responsibility of the NDDOT.

E Maintenance.

Maintain the effectiveness of the temporary ESCMs as long as required to contain sediment runoff. Inspect the temporary ESCMs and complete the inspection and maintenance reports every 14 days and within 24 hours of a rainfall event of 0.25 inch or more. During prolonged rainfall (more than 1 day), conduct an inspection within 24 hours of the first day of the event and within 24 hours after the end of the event. Inspections are required only during normal business hours.

Correct any deficiencies in the ESCMs within the timelines established in the applicable permits. If conditions do not permit access to the ESCMs, corrective actions can include installing additional ESCMs. Correct the original deficiencies as soon as conditions allow access to their location without causing additional damage to the slopes. In the inspection logs, document the conditions that prohibit access.

F. Close Out.

1. Removing Temporary ESCMs.

Remove the temporary ESCMs when directed by the Engineer or when permanent ESCMs are installed.

2. SWPPP Transfer.

Submit electronic copies of the final updated SWPPP, all inspection reports, and maintenance records as a single packet to the Engineer within 2 days of completing final stabilization..

Erosion and Sediment Control Supervisor

A. General.
Designate an erosion and sediment control supervisor. Provide the name and contact information for the supervisor at the preconstruction meeting. If this erosion and sediment control supervisor becomes unavailable on the project, designate a replacement supervisor. Notify the Engineer if this supervisor changes and provide the contact information for the new supervisor.

B. Qualifications.
Designate a supervisor that is an employee of the Prime Contractor having the following qualifications:

1. Familiar with installation, maintenance, and removal of ESCMs and the requirements of the erosion and sediment control plans, applicable permit requirements, specifications, plans and this provision;

2. Competent to supervise personnel in erosion and sediment control operations; and

3. Certified through the NDDOT ESCC Certification Training and maintain that training throughout the term of the contract. The EPA construction inspection course cannot take the place of the NDDOT ESCC. No other certifications may take the place of this requirement.

C. Duties.
The supervisor's duties shall include the following:

1. Provide erosion and sediment control as required by the SWPPP, Plans, and Specifications.

2. Be on the site to supervise the installation, operation, inspection, maintenance, and removal of the ESCMs.

3. Update the SWPPP as work progresses to show changes due to revisions in work schedules or sequence of construction, or as directed by the Engineer. Update the site map to reflect ESCMs that have been installed, changed, or removed.

4. Propose changes to improve erosion and sediment control.

5. Be accessible to the job site within 24-hours.

6. Provide the Engineer with electronic documentation of all erosion and sediment control activities and inspections as required elsewhere in this provision.

EROSION AND SEDIMENT CONTROL INSPECTOR FOR EPA CONSTRUCTION GENERAL PERMIT

For projects covered by EPA Construction General Permit, utilize individuals conducting the Erosion and Sediment Control Inspections that have taken the EPA Construction inspection

course developed for this permit. These individuals must have passed the exam or hold a valid construction inspection certification or license from an equivalent program.

The NDDOT ESCC certification cannot take the place of EPA construction inspection certification. Only third-party training that is listed as EPA approved on the EPA website will be considered equivalent.

Provide the names of all individuals who will be conducting the Erosion and Sediment Control inspections on EPA projects. Notify the Engineer if this person changes and provide the new contact information.

The EPA Construction Inspection Certification or License must be active for the duration of the project.

PERFORMANCE

Correct areas identified as noncompliant within 24 hours after notification of noncompliance. If corrective actions are not taken within 24 hours, the Engineer may:

1. Assess a contract price reduction of $500 per day per instance;

2. Have deficiencies corrected by another Contractor and deduct the cost of the work from the monies due or to become due to the Contractor;

3. Suspend all work; or

4. Withhold payment on other contract items/pay estimates.

These actions will be applied until deficiencies have been corrected.

METHOD OF MEASUREMENT

ESCM items will be measured as specified in the “Method of Measurement” portion of the appropriate portion of the contract.

BASIS OF PAYMENT

A. General.

ESCM installation will be paid for at the contract unit price for the applicable ESCM item and contract provision. The plans will detail the required ESCMs for temporary and permanent installations. The same contract item may be used for temporary and permanent ESCMs.

ESCM item removal will be paid for at the contract unit price for “Remove _____”in the appropriate section of the contract.

Include the costs for labor, materials, maintenance, equipment, disposal, adherence to the permit, and SWPPP modifications in the respective contract items.

B. Replacement of ESCMs.

When the Engineer directs the replacement of temporary ESCMs that are no longer functional because of deterioration or functional incapacity and those items were installed as specified

in the Contract or as directed by the Engineer, the Department will pay for replacement ESCMs

No payment will be made for replacing temporary ESCMs that the Engineer determines are ineffective because of improper installation, lack of maintenance, or the Contractor's failure to pursue timely installation of permanent ESCMs as required in the Contract.

No payment will be made for replacing temporary ESCMs due to contractor operations. Include the cost to move Flotation Silt Curtain as work progresses in the price bid for "Flotation Silt Curtain".

C. Removal of Sediment.
Removal of sediment from silt fence and fiber rolls will be paid for at the price listed in the "Price Schedule PS-1."

D. Contractor Controlled Areas.
Erosion and sediment controls for Contractor Controlled Areas are the responsibility of the Contractor and will not be paid for by the Department.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FEDERAL MIGRATORY BIRD TREATY ACT

GENERAL

Work may impact migratory birds or active migratory bird nests. A nest is considered active when it contains eggs or chicks.

Nests are active primarily during the primary breeding season for migratory birds in North Dakota from February 1 to July 15.

All reasonable, prudent, and effective measures should be identified and implemented to avoid take. The definition of take in 50 CFR 10.12 is: to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, shoot, wound, kill, trap, capture, or collect.

PREVENTATIVE MEASURES

General

If no active nests are present at bridges, reinforced concrete box culverts, or structural plate pipes; prevent migratory birds from building new nests and from using nests built in previous years.

Preventative measures include securing tarps, fabric, netting, or wire mesh to the structure to prevent and discourage nesting. Additional measures may include hosing or knocking down any inactive nests or unfinished nests while avoiding take.

Preventative measures may be utilized before, during, and after breeding season.

Collect nests and nest debris and treat as agriculture waste. Disposal can occur by hauling waste to a permitted landfill or on-site when mixed with topsoil uniformly at the rate of 2 tons per acre away from water bodies and runoff.

If a nest where birds are present is found; the Contractor shall have a qualified biologist conduct a bird/nest survey no more than 5 working days prior to starting work at the structure site. A biologist is considered qualified if they have obtained a 4 year degree from an accredited university in a natural sciences field and is employed as an environmental professional.

If active nests are identified, cease construction or demolition and maintain a minimum buffer of 25 feet around active nests to avoid take. The qualified biologist may adjust the buffered distance in coordination with the USFWS. Maintain the buffer as construction resumes until the nests are no longer active.

SURVEY REQUIREMENTS

The USFWS requires that field surveys conducted for nesting birds with the intent of avoiding take include documentation of the presence of migratory birds, eggs, inactive and active nests, along with information regarding the qualifications of the biologists performing the survey, and any avoidance measures implemented at the project site.

If the survey or other available information indicates a potential for take of migratory birds, their eggs, or active nests, contact the USFWS for further coordination on the extent of the impact and the long-term implications of the intended use of the project on migratory bird populations.

Ecological Services
U.S. Fish & Wildlife Service
3425 Miriam Avenue
Bismarck, ND 58501
701-250-4481

BASIS OF PAYMENT
Include the costs for the removal and disposal of nests, the prevention of nesting, and bird/nest surveys in the price bid for the work at the structure site.

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

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

LONGITUDINAL JOINT DENSITY FOR HOT MIX ASPHALT PAVEMENTS

DESCRIPTION

This provision describes the procedure for determining core locations, coring frequency and acceptance criteria for longitudinal joint construction. This Special Provision is in addition to the requirements of Section 430, “Hot Mix Asphalt (HMA)”.

ATTACHMENTS

Appendix A – Notched Wedge

CONSTRUCTION REQUIREMENTS

A. General

Applicable longitudinal joints are defined as those between any two paved areas that require calculated density; excluding joints for mats constructed on aggregate base, reclaimed material, or cold in place recycled material.

Hot seams or seams created via echelon paving are not considered applicable joints.

B. Longitudinal Joint Placement.

When placing the top lift of pavement, locate longitudinal joints at lane lines or the proposed edge of pavement.

When placing asphalt pavement over existing concrete pavement, place longitudinal joints at the same location as the existing concrete pavement longitudinal joints.

C. Notched Wedge Construction Option.

If a notched wedge joint is used, construct the notched wedge according to Appendix A.

D. Coring.

Obtain joint cores at locations determined by the Engineer. The locations for joint cores will be independent of mat density cores.

Obtain density cores for butt joints centered over the longitudinal joint.

If a notched wedge style joint is constructed, center the core over the tapered portion of the joint.

E. Longitudinal Joint Field Density.

A lot for joint density is defined as the length of the joint completed in one day. Sublots are 1,000 feet in length, contained within the lot. If a day contains less than 3 sublots, that day will not be considered a lot and the sublots will be included in the next complete lot.

Sublots less than 500 feet in length will not be counted separately. Sublots 500 feet or greater in length will be considered separate sublots.

The Engineer will determine the density of each longitudinal joint core. The Engineer will then divide the joint core density by the daily Maximum Theoretical Density (MTD) calculated from the day the lot is completed.

The sublot percent MTD will then be averaged to obtain a lot percent MTD for the joint. The Engineer will use the lot percent MTD and Table 1 to determine a contract price adjustment. The Contract Price Adjustment per Linear Foot will be applied to the entire length of the lot.

F. Low Density Requirements.

If the percentage of compaction of a sublot is below 87.0%, a corrective action must be performed for that sublot. Collaborate with the Engineer on what corrective action to take.

If the percent compaction of a sublot is less than 90.0% and the joint is in a location where rumble strips will not be installed, seal the joint represented by that sublot with an undiluted emulsion that meets the requirements of Section 401.03 C, “Fog Coat” at no additional cost to the Department. Seal butt joints at a width of 8 inches centered on the joint and seal notched wedges at a width of 16 inches centered on the middle of the notched wedge. Use an application rate ranging from 0.10 to 0.15 Gal/SY.

METHOD OF MEASUREMENT

The Engineer will measure each lot in linear feet along the longitudinal joint.

BASIS OF PAYMENT

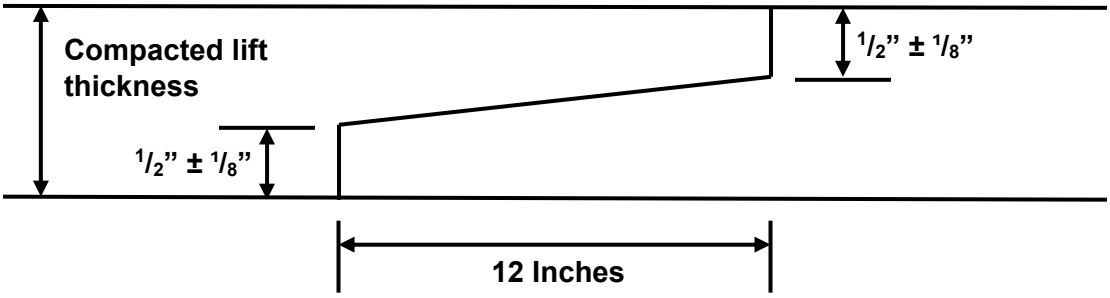
The pay adjustment for longitudinal joint density will not be used for areas constructed according to Section 430.04 I.3, “Ordinary Compaction”.

The Engineer will apply the appropriate pay adjustment specified in Table 1 for each lot.

Table 1

Contract Price Adjustment Per Linear Foot	Joint Lot % MTD
$0.40	≥ 91.1%
$0.20	90.6% – 91.0%
$0.00	90.0% - 90.5%
$(0.20)	89.0% - 89.9%
$(0.60)	88.5% - 88.9%
$(1.10)	88.0% - 88.4%
$(1.80)	87.5% - 87.9%
$(3.60)	87.0% - 87.4%

Appendix A
Notched Wedge



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

LIMITATIONS OF OPERATIONS

DESCRIPTION

Section 108.05, “Limitations of Operations” is no longer valid. Use this Special Provision in its place.

108.05 LIMITATION OF OPERATIONS

A. General.

Perform the work in a manner and sequence that minimizes interference to traffic, and with due regard to the location of detours and provisions for handling traffic. Do not begin work to the prejudice or detriment of work already started; the contract may require a section of roadway to be finished before starting additional sections if the opening of the section is essential to public convenience.

If the prosecution of the work is discontinued, provide the Engineer at least 24-hours notice before resuming operations.

B. Holidays.

Unless the contract allows work on holidays, perform work on holidays only with the Engineer’s prior written approval. Submit a written request to the Engineer by noon 2 business days before the requested holiday.

C. Nighttime Operations and Extended Hours.

1. General.

When performing work in low light conditions, implement proper safety precautions and provide adequate lighting for the performance and inspection of the work.

The following operations are exempt from the definitions of extended hours and nighttime operations:

- Pavement coring;
- Concrete joint cutting; and
- Temporary traffic control.

Work conducted less than 1 hour after sunset and less than 1 hour before sunrise is considered extended hours. All other operations conducted under darkness fall under nighttime operations.

2. Nighttime Operations.

Unless the contract allows for nighttime operations, perform work at night only with the Engineer’s prior written approval.

Submit a written request to the Engineer before anticipated nighttime operations. Allow up to 7 calendar days for the Engineer to review the request. The Engineer may deny the request or delay approval if it would require additional staffing considerations. If nighttime

operations require the Engineer to hire additional forces, nighttime operations may not be allowed for up to 30 days from the receipt of the request.

When requesting to perform nighttime operations, include a plan to ensure the safety of all individuals on the project site, including the Contractor's and subcontractor's workers, Department representatives, and the traveling public.

The Department bears no liability for costs or delays resulting from the Engineer's approval, rejection, or delay for staffing purposes of a request to perform nighttime operations.

3. Extended Hours.

Extended hours are allowed before sunrise with verbal notice given to the Engineer the previous day. Extended hours are allowed after sunset with verbal notice given to the Engineer that same day.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

STANDARD SPECIAL PROVISION

FEDERAL PROHIBITION ON CERTAIN TECHNOLOGICAL HARDWARE

DESCRIPTION

This Special Provision details technological items that are prohibited from use on Department contracts. The contents of this SP take precedent over requirements regarding affected equipment in all other contract documents.

CONTRACT REQUIREMENTS

Equipment, services, and systems using telecommunications equipment or services are prohibited from containing equipment produced by:

- Huawei Technologies Company;
- ZTE Corporation; and
- Any subsidiary or affiliate of the named entities.

Video surveillance and telecommunications equipment are prohibited from containing equipment produced by:

- Hytera Communications Corporation;
- Hangzhou Hikvision Digital Technology Company;
- Dahua Technology Company; and
- Any subsidiary or affiliate of the named entities.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

STANDARD SPECIAL PROVISION

DOMESTIC MATERIAL PROCUREMENT PREFERENCES

DESCRIPTION

Replace Section 106.08, “Buy America”, with the following:

DOMESTIC MATERIAL PROCUREMENT FOR INFRASTRUCTURE PROJECTS

A. General.

Provide materials from domestic material sources when articles, materials, or supplies are permanently incorporated into the work.

The requirements of this SP are not applicable to equipment, tools, and temporary items.

Domestic material procurement requirements do not apply to items used by the Contractor to facilitate construction that are not required to be permanently installed as part of the contract requirements, but that are left in place upon completion of the work at the convenience of the Contractor.

The definitions and requirements in this SP have been assembled based on the following Federal requirements:

- Iron and steel requirements are based on 23 CFR Part 635, “Buy America requirements”;
- Manufactured products are based on 23 CFR Part 635 “Buy America requirements”; and
- Construction materials are based on 2 CFR Part 184, “Buy America Preferences for Infrastructure Projects” (BABA).

B. Certifications.

All certifications are submitted by the prime Contractor. When submitting certifications for materials that are subject to the requirements of this provision, the prime Contractor shall include a signed letter stating that the submitted documentation is the documentation that was received by the prime Contractor for material incorporated into the work. The prime Contractor’s signature on the Department’s Certificate of Compliance form meets this requirement.

C. Determination of Material Category.

1. General.

Only a single category of requirements will apply to an item.

Exceptions:

1) Precast concrete items are classified as manufactured products, however components of these items that consist wholly or in part of iron, steel, or a combination of both must meet the requirements of Section C.2, “Iron or Steel Products” of this provision.

2) Cabinets or enclosures for intelligent transportations systems or other electronic hardware systems classified as manufactured products that consist wholly or in part of iron, steel, or a combination of both must meet the requirements of Section C.2, “Iron or Steel Products” of this provision.

Some contract items are composed of multiple components that may fall into different categories. Individual components will be categorized based on their nature when they arrive at the work site. In cases where the classification of an item is in question or dispute, the Engineer’s determination of the classification will be binding.

Exception:
Items that comprise a kit will be considered based on their status as a whole product and classified as either iron or steel products or as manufactured products. A kit is a product intended for incorporation into the project whose parts are acquired from a single manufacturer or supplier and delivered to the work site as separate components but are then assembled to form a single product at the work site.

2. Iron or Steel Products.
Iron or steel products are defined as articles, materials, or supplies that consist wholly or predominantly of iron, steel, or a combination of both.

Predominantly iron or steel or a combination of both means the cost of the iron and steel components exceeds 50 percent of the total cost of all components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components.

3. Manufactured Products.
Manufactured products are defined as articles, materials, or supplies that have been:
- Processed into specific form or shape; or
- Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.

If the cost of iron and steel components of a manufactured product exceed 50 percent of the total cost of the product, the iron and steel must meet the requirements of Section C.2, “Iron or Steel Products” of this provision. The remaining components are then exempt from any domestic procurement preference.

4. Construction Materials.
Construction materials are materials that consist primarily of:
- Non-ferrous metals;
- Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Fiber optic cables (including drop cable);
- Optical fiber;
- Lumber;
- Engineered wood; or
- Drywall.

Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization.

5. Other Materials

If articles, materials or supplies do not meet any of the definitions in sections C.2, C.3, or C.4, there are no requirements for domestic manufacturing. This includes the following items that are specifically categorized as other (excluded) materials per BABA Section 70917(c) of the Infrastructure Investment and Jobs Act of 2021:

Cement and cementitious materials;
Aggregates such as stone, sand, or gravel; or
Aggregate binding agents or additives.

D. Steel and Iron Certification.

1. General.

Ensure all manufacturing processes, including applications of coatings, occur in the United States. A coating includes all processes required to apply the coating to a product to protect or enhance the value of the product.

2. Bulk Manufactured Steel and Iron Materials.

In addition to the requirements of Section 106.01 C, “Certificate of Compliance”, submit a contractor’s Certificate of Compliance stating that the iron and steel products listed in Table 1 are of domestic origin.

Table 1

Mailbox supports	Cable Fence Materials
Chain Link Fence Materials	Barbed Wire Fence Materials
Guardrail Components	Woven Wire Fence Materials
Culvert Markers	Delineators
Perforated Tube Sign Supports and Related Materials	

3. Other Steel and Iron Products.

For steel and iron products that are not listed in Table 1, submit a manufacturer’s Certificate of Compliance as specified in Section 106.01 C, “Certificate of Compliance”.

4. Foreign or Uncertified Steel and Iron.

These requirements allow the use of steel and iron products produced and manufactured outside the United States, or steel and iron products that cannot be certified as manufactured in the United States, of a total value less than 0.1 percent of the original contract amount, or $2,500, whichever is greater.

The total value is that shown to be the cost of the steel and iron products as delivered to the project site.

Document the cost of:

- Foreign steel and iron products, plus
- Steel and iron products which cannot be certified as manufactured in the United States.

Submit the documentation of foreign and uncertified steel and iron products with the required certifications.

E. Manufactured Products.

Manufactured products are acceptable under this provision if the product was manufactured in the United States. For the purposes of this provision, “manufactured in the United States” means that the final assembly of the product occurred in the United States.

F. Construction Materials.

1. General.

Each material classified as a construction material has a specific standard for the material to be considered in compliance with this provision.

Except as specifically provided, only a single standard under this section should be applied to a single construction material.

2. Non-Ferrous Metals.

For non-ferrous metals, all manufacturing processes from initial smelting or melting through final shaping, coating, and assembly, occurred in the United States.

3. Plastic and Polymer-Based Products.

For plastic and polymer-based products; including polyvinylchloride, composite building materials, and polymers used in fiber optic cables; all manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form, occurred in the United States.

4. Glass.

For glass; including optic glass; all manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting, occurred in the United States.

5. Fiber Optic Cable.

For fiber optic cable; including drop cable; all manufacturing processes, from the initial ribboning if applicable, through buffering, fiber stranding and jacketing, occurred in the United States.

All manufacturing processes also include the standards for glass and optical fiber, but not for non-ferrous metals, plastic and polymer-based products, or any others.

6. Optical Fiber.

For optical fiber, all manufacturing processes, from the initial preform fabrication stage through the completion of the draw, occurred in the United States.

7. Lumber.

For lumber, all manufacturing processes, from initial debarking through treatment and planing, occurred in the United States.

8. **Drywall.**
   For drywall, all manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels, occurred in the United States.

9. **Engineered Wood.**
   For engineered wood, all manufacturing processes from the initial combination of constituent materials until the wood product is in its final form, occurred in the United States.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE

DESCRIPTION

This SP replaces Section 107.14 Public Liability and Property Damage Insurance.

107.14 Public Liability and Property Damage Insurance.

A. General Requirements.

Submit to the Department the certificates of insurance effecting the requirements in this section for the Commercial General Liability and Commercial Automobile Liability Insurances with the contract and the contract bond in accordance with Section 103.06, "Execution and Approval of Contract."

Provide insurance policies executed by a corporation qualified and authorized to write the policies in the State of North Dakota. The State reserves the right to obtain complete, certified copies of all required insurance documents, policies, or endorsements at any time.
Secure and maintain insurance in full force and effect before starting the work and until completion of all work required and accepted by the Department or owner. The policies shall provide 30 calendar days notice to the Department or the owner of any intent to cancel or materially alter such insurance.

Failure to maintain the insurance as required constitutes a material breach of contract. The Department or the owner may, after giving 5 business days notice to the Contractor to correct the breach, immediately terminate the Contractor in accordance with Section 108.08, "Termination of the Contract for Default," and procure or renew such insurance and pay all premiums. The Department or the owner may demand repayment of premium costs by the Contractor, or may offset the premium costs against funds due the Contractor from the Department or the owner.

B. Insurance Requirements.

Secure and maintain in full force and effect during the term of the contract the following insurance coverages:

1. Commercial General Liability for limits not less than $2,000,000 combined single limit per occurrence and aggregate for bodily injury, property damage, personal injury and completed operations/product liability. Provide products and completed operations coverage for a period of one year following final acceptance of the work. Provide coverage with the aggregate limit applied separately to occurrences at the location or project described in this contract. Provide a policy including a "stop-gap" Employers Liability endorsement to cover the employer's liability for injury to employees falling outside the State Worker's Compensation Law.

2. Commercial Automobile Liability for limits not less than $2,000,000 combined single limit per accident for bodily injury and property damage.

3. Workers Compensation coverage as required by the State of North Dakota.

The General Liability and Automobile policies shall provide an additional insured endorsement in favor of the State of North Dakota and the Owner and shall contain a “Waiver of Subrogation” to waive any right of recovery that the Insurance company may have against the State and the Owner. The coverage required under this agreement shall be primary for the State and the Owner, and shall not be affected by any other insurance or coverage obtained by the State or the Owner on their own behalf.

Any right of the State to receive indemnification and insurance shall not give rise to a duty on the part of the State to exercise its rights or status for the benefit of the owner, or any other person or entity.

C. Subcontractor.

If subletting a portion of the contract, the Contractor shall obtain insurance protection in accordance with Section 107.14.B, “Insurance Requirements,” to provide liability coverage to protect the Contractor, State, and owner for work undertaken by the subcontractor. Ensure public liability and property damage insurance coverage in accordance with Section 107.14.B, “Insurance Requirements,” for all parties performing work under the contract.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

STANDARD SPECIAL PROVISION

FEDERAL DRONE RESTRICTION

DESCRIPTION

This Special Provision is to comply with the Federal Regulations, NDAA Public Law 118-31 - Section 1825 "American Security Drone Act of 2023", and the Office of Management and Budget (OMB) Memorandum-26-02 to prohibit the uses of Unmanned Aircraft Systems (UAS) manufactured by covered foreign entities on projects and project activities.

CONTRACT REQUIREMENTS

Maintain records and documents pertaining to the origins of drones used on NDDOT projects. Furnish copies of these records upon request of the Department or FHWA. Retain the records for a minimum of 4 years after the Contractor return the signed final payment voucher.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

UTILITY COORDINATION

PROJECT SS-6-032(075)231– PCN 23896

DESCRIPTION

This work consists of coordinating the construction schedule with third party utility companies owning facilities within the project limits, verifying the location of those facilities during construction, and resolving issues with those utilities.

The requirements in this Special Provision replace the requirements of Section 105.03, "Cooperation With Utility Owners".

ATTACHMENTS

Appendix A – Utility Coordination Table
Appendix B – Utility Exhibits

DEFINITIONS

Abandon Utility (AU): Utility Encounter that was originally a Conflict, but relocated before bidding. The line is still represented in the Exhibits to make the Contractor aware of its location. See the Utility Coordination Table for final details.

Conflict: A utility in need of relocation or adjustment for the construction to proceed in that area.

Protect in Place (PIP): A utility that does not need relocation, but needs precautions to protect the utility during construction activities.

Proposed Resolution (PR): A proposed location of a future Utility Encounter. The Utility Owner is in the process of moving the Utility to this Proposed location. PIP activities may still be required in the proposed location.

Utility Encounter (UE): A Conflict or Protect in Place situation involving an existing third party owned utility.

UTILITY COMPANY CONTACTS

UTILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
City of Walhalla	Stephen Gapp	701-549-3176	
Midcontinent Communications	Jason Venem	701-739-0299	Jason.venem@midco.com
Montana Dakota Utilities- GAS	Scott Volk	701-662-4990 701-739-7275	Scott.volk@mdu.com

Nodak Rural Electric Cooperative Inc.	Alex Spitsberg	701-795-6741 701-740-0737	aspitsberg@nodakelectric.com
Northeast Regional Water District (North Valley Water District)	Jeremy Schuler	701-265-8503	jeremy@nrwd.us
Ottertail Power Company	Arlin Boyer	701-720-3388	aboyer@otpco.com
United Telephone	Steve Swanson	701-256-5156	steves@corp.utma.com

CONTRACTOR RESPONSIBILITIES

A. Responsibilities.

The responsibilities for utility coordination include the following:

- Conduct the preconstruction utility coordination meeting;
- Main point of contact for all utility companies;
- Maintain a schedule for utility activities;
- Hold weekly utility meetings in addition to the weekly planning and reporting meeting and report on the utility meetings at the weekly planning and reporting meeting;
- Follow up with any utility companies that do not show up to construction meetings;
- Coordinate work efforts of the utility companies, revise work schedules and traffic control as necessary to ensure adequate cooperation between UE and construction work;
- Develop and update the utility coordination plan;
- Provide a weekly written summary for contacts and meetings to the Engineer; and
- Coordinate with all of the other parties to update the project schedule specified in Section 108.03, “Progress Schedule”.

B. Utility Coordination Plan.

Develop a utility coordination plan with each utility company that includes the phasing and scheduling requirements for UE.

C. Record of Utility Outage Notifications.

Request a copy of notifications that utility companies provide to customers for service outages. Maintain copies of all notifications until the Contractor signs the final estimate.

D. Utility Coordination Schedule.

Create and maintain a construction schedule that includes timelines for the phasing of utility coordination work. Include information contained in the contract documents and information obtained during coordination discussions with utility owners. Written agreements between the Contractor and a utility company will govern over information contained in contract documents; however, the agreements must be signed by the NDDOT, Contractor and Utility Company to be effective. Written agreements are considered contract revisions, however they are not eligible for additional compensation or additional time unless agreed to separately by the Engineer.

The Utility Coordination Table contains information related to the utility coordination requirements at each area designated as a UE. The timelines included on the Table may be longer than shown if the Contractor requests multiple resolutions simultaneously. Adjust work schedules as required to accommodate utility resolutions.

Revisions to the construction schedule due to a utility company or companies non-conformance with agreed upon schedules or failure to reasonably coordinate work efforts with the Contractor will be considered excusable, non-compensable delays as specified in Section 108.06, “Determination of and Extensions to the Contract Time”.

Failure by the Contractor to reasonably coordinate schedules with a utility company or companies for UE identified in the contract, or failure to document coordination efforts will be considered non-excusable delays as specified in Section 108.06, “Determination of and Extensions to the Contract Time”.

CONSTRUCTION REQUIREMENTS

A. General.

The vertical and horizontal utility locations shown in the plans are approximate. Plan locations should not be interpreted as exact for bidding or construction purposes.

Utility facilities shown on the plans, if any, are for reference purposes only and may not constitute an exhaustive representation of all utility facilities within the project. Notify the North Dakota One Call System (811) before starting the work, so they may locate and mark all utility facilities within the project. Receive utility locates for Department-owned, publicly-owned, and privately-owned utility facilities, whether on or off the One Call System.

Comply with Chapter 49-23 of the NDCC in determining the location of underground utilities.

B. Utilities Identified in Plans.

Coordinate UE work with the affected utility owners. Maintain continuous communication with the Engineer, affected subcontractors, and affected utility owners until UE will no longer affect or be affected by the Contractor.

Cooperate with utility owners in relocating and adjusting utility facilities to minimize interruption to service and duplication of work by utility owners.

The Contract documents show all known UE for the project.

If a UE identified as a Protect in Place is determined to be a Conflict during construction, the Engineer will make necessary revisions to the Contract as specified in Section 104.02, “Contract Revisions”. These types of changes will be considered excusable, compensable delays as specified in Section 108.06, “Determination of and Extensions to the Contract Time”.

C. Utilities Encountered During Work.

1. General.

Neither of the cases discussed in this subsection relieve the Contractor of liability that may arise under provisions of the NDCC.

2. **Unidentified Utility Encounters.**
   The Department will bear costs associated with revisions to the work as specified in Section 104.02 B, “Differing Site Conditions” only if the Engineer determines that all of the following conditions exist:
   - a UE exists that was not designated in the plans; and
   - the UE is in a location that affects the prosecution of the work to construct the project as designed.

3. **Utility Encounters Created Due to Actions Performed by the Contractor.**
   If a new UE is created due to actions performed by the Contractor for the Contractor’s convenience; the Contractor shall account for and protect the affected facilities. Before performing these actions, the Contractor shall coordinate with the utility owner. The Department will not make additional payments to the Contractor nor the utility owner for UE created in this manner and will not provide additional time to the Contractor for completing the work.

   If utility companies incur costs, the Department will not participate in those costs and will not make payment to the Contractor for those costs.

D. Utility Coordination Meetings.

1. **Preconstruction Utility Meeting.**
   Arrange the meeting with the utility owners, the Contractor and affected subcontractors, local agency representatives, and the Engineer to occur no later than two weeks after the preconstruction meeting. At the meeting, provide an agenda and a tentative construction schedule for planning UE work; after the meeting, publish minutes and distribute a copy to all meeting attendees within 48 hours of the conclusion of the meeting.

2. **Weekly Utility Coordination Meeting.**
   Organize a weekly meeting to discuss utility coordination efforts with utility companies and affected subcontractors, local authorities, the Engineer and others who may have an interest in utility coordination efforts. Hold the weekly utility coordination meeting immediately before the weekly planning and reporting meeting. Publish minutes and distribute copies to all meeting attendees within 48 hours of the conclusion of the meeting.

   The intent of this meeting is to disseminate information regarding ongoing and upcoming UE work and to ensure that all affected parties are collaborating and sharing information related to that work.

   Provide a summary of the discussion at the weekly planning and reporting meeting.

E. Fire Hydrants.
Before starting work that affects a fire hydrant, coordinate with the local fire authority to determine if provisions need to be in place before starting the work. If provisions are necessary, obtain the approval of the local fire authority before beginning the work affecting the fire hydrant.

F. Damage and Interruptions.
If the Contractor causes damage to utility facilities, the Contractor is responsible for the costs of restoring or repairing the damaged utility facility to a condition equal to or better than the

condition existing before the damage occurred. Immediately notify the utility owner of the damage or, if the owner is unknown, the One Call System. Do not conceal, attempt to conceal, or make repairs to the utility facilities until approved by the utility owner. If this damage causes interruption to utility service, continuously coordinate with the utility owner until the service is fully restored.

The Department will not pay the Contractor for the cost to restore utility facilities or repair damage to utility facilities and will consider any delays resulting from this damage to be non-excusable in accordance with Section 108.06, "Determination of and Extensions to the Contract Time."

G. Utility Criteria.

The Utility Coordination Table and Utility Exhibits contain specific information related to each UE location.

The following are specialized notes that could not fit in the comments column of Appendix A – Utility Coordination Table.

MONTANA DAKOTA UTILITIES -GAS

I. MDU- Applies to MDU-C- 9 and MDU-C-11

MDU requires a representative onsite while working at these locations due to their facilities being close to the approach pipes that are to be replaced. Notify MDU at least two weeks before work begins and coordinate with them on your schedule. All MDU facilities will be protected in place, but a representative from MDU will need to be onsite while the approach pipes are removed and replaced.

MDU Contact: Scott Volk, 701-662-4990(office), 701-739-7275 (cell)

NODAK RURAL ELECTRIC COOPERATIVE

I. NORUEC- Applies to NORUEC-9

This line was to be relocated underground in the fall of 2026. Contact Nodak and verify this relocation has been completed.

II. NORUEC- Applies to NORUEC-10 through NORUEC-12

These poles were to be removed before 2027 Construction begins. Contact Nodak and verify the poles have been removed.

Nodak Rural Electric Cooperative Contact: Alex Spitsberg,
701-795-6741 (office),701-740-0737(cell)

OTTERTAIL POWER COMPANY

I. OTTAPC.

There are existing utility owned wood pole light standards in the project area. Provide 2 weeks notice for Ottertail Power Company to remove these light standards before the new lighting system is installed. Ensure the wood poles, mast arms, luminaires, and overhead cables are removed and disconnected at the locations shown below. Remove the mast arm and luminaire mounted to a power pole, at the locations shown below.

Station	Remove wood pole light standard and overhead wires	Remove mast arm and luminaire from utility pole
12217+50 rt		X
12220+75 rt	X	
12223+12 rt		X
12226+27 lt	X	
12229+09 lt	X	
12233+07 lt		X

Include all costs associated with this work in the price bid for “Lighting System __”.

Contact Ottertail Power company at the address below;

Arlin Boyer
Walhalla, ND
(701) 720-3388
aboyer@otpco.com

Utility Conflict & Resolution - Table

SS-6-032(075)231 PCN 23896

UE ID# UR ID# PR ID#	Utility Coordination Exhibit Page Number	Beginning Point				Ending Point			Type: Linear (RT/LT), Crossing, or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	UTILITY ENCOUNTER DETAIL Information To Create Special Provision Reference Note	Utility Company	Type of Facility	UE TYPE	
		Sta.	Offset (FT)	RT or LT		Sta.	Offset (FT)	RT or LT										Protect in Place	Conflict
MUNICIPAL-W-13	-	12217+34	25.0	LT	to	12224+69	31.8	LT	LT	SCL_ND32	726.7	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MDU-C-4	-	12221+11	13.1	LT	to	12221+19	35.0	LT	LT	SCL_ND32	23.2	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
MDU-C-5	-	12221+19	35.0	LT	to	12222+52	28.5	LT	LT	SCL_ND32	131.2	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
OTTAPC-1	-	12221+22	21.0	LT	to	12222+53	37.2	LT	LT	SCL_ND32	142.3	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
OTTAPC-2	-	12221+22	21.6	LT	to	12222+52	37.3	LT	LT	SCL_ND32	141.4	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MUNICIPAL-W-14	-	12222+74	8.7	LT	to	12222+78	36.7	LT	LT	SCL_ND32	28.3	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MUNICIPAL-W-15	-	12222+78	36.9	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
OTTAPC-3	-	12222+66	15.3	LT	to	12222+56	27.9	LT	LT	SCL_ND32	15.9	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MDU-C-6	-	12224+35	25.1	LT	to	12224+69	26.4	LT	LT	SCL_ND32	208.1	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
UNITEL-7	-	12220+75	41.4	LT	to	12222+24	40.7	LT	LT	SCL_ND32	145.5	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
UNITEL-8	-	12222+85	35.8	LT	to	12229+24	63.7	LT	LT	SCL_ND32	624.8	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
MUNICIPAL-W-16	-	12226+25	28.8	LT	to	12226+27	51.7	LT	LT	SCL_ND32	23.0	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MUNICIPAL-W-17	-	12226+28	52.0	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
UNITEL-9	-	12226+80	44.6	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
UNITEL-10	-	12226+83	47.1	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
MUNICIPAL-W-18	-	12226+38	28.2	LT	to	12227+32	26.8	LT	LT	SCL_ND32	93.7	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MDU-C-3	-	12228+42	25.9	LT	to	12229+69	154.2	LT	LT	SCL_ND32	244.8	FT	-6	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
MDU-C-7	-	12226+37	29.0	LT	to	12227+32	25.4	LT	LT	SCL_ND32	94.2	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
UNITEL-11	-	12229+52	66.5	LT	to	12232+31	95.8	LT	LT	SCL_ND32	302.9	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
UNITEL-12	-	12222+40	7.6	LT	to	12222+42	37.1	LT	LT	SCL_ND32	29.6	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	

Utility Conflict & Resolution - Table

SS-6-032(075)231 PCN 23896

UE ID# UR ID# PR ID#	Utility Coordination Exhibit Page Number	Beginning Point				Ending Point			Type: Linear (RT/LT), Crossing, or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	UTILITY ENCOUNTER DETAIL Information To Create Special Provision Reference Note	Utility Company	Type of Facility	UE TYPE	
		Sta.	Offset (FT)	RT or LT		Sta.	Offset (FT)	RT or LT										Protect in Place	Conflict
MDU-C-8	-	12229+65	69.8	LT	to	12236+71	81.0	LT	LT	SCL_ND32	1327.1	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
OTTAPC-4	-	12232+07	99.4	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Fiber Optics	X	
MDU-C-9	-	12232+28	83.8	LT	to	12232+26	104.9	LT	LT	SCL_ND32	21.3	FT	-1	**Level 2**	See UTILITY ENCOUNTER DETAIL Reference Note: I. MDU	Montana-Dakota Utilities	Gas	X	
OTTAPC-5	-	12232+07	99.8	LT	to	12242+82	102.8	LT	LT	SCL_ND32	1075.0	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
UNITEL-13	-	12232+38	98.1	LT	to	12242+81	91.0	LT	LT	SCL_ND32	1043.4	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
MUNICIPAL-W-19	-	12232+89	105.1	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MUNICIPAL-W-20	-	12232+80	67.0	LT	to	12232+80	107.6	LT	LT	SCL_ND32	40.7	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MDU-C-10	-	12234+05	81.0	LT	to	12234+05	105.5	LT	LT	SCL_ND32	24.5	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
OTTAPC-6	-	12236+64	102.0	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MUNICIPAL-W-21	-	12236+93	35.6	LT	to	12236+95	134.0	LT	LT	SCL_ND32	98.4	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MDU-C-2	-	12236+71	81.0	LT	to	12238+20	79.8	LT	LT	SCL_ND32	149.4	FT	-5	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
MDU-C-1	-	12238+20	80.0	LT	to	12242+88	20.0	LT	LT	SCL_ND32	468.4	FT	0	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
MDU-C-11	-	12237+79	105.0	LT	to	12237+80	80.4	LT	LT	SCL_ND32	24.6	FT	-1	**Level 2**	See UTILITY ENCOUNTER DETAIL Reference Note: I. MDU	Montana-Dakota Utilities	Gas	X	
MIDCO-5	-	12237+86	113.8	LT	to	12237+99	23.7	LT	LT	SCL_ND32	93.9	FT	-1	**Level 2**	Protect in Place	Midcontinent Communications	Fiber Optics	X	
UNITEL-14	-	12237+84	105.3	LT	to	12237+85	104.5	LT	LT	SCL_ND32	3.4	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
MUNICIPAL-W-22	-	12239+49	107.8	LT	to	12239+49	66.7	LT	LT	SCL_ND32	41.0	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
OTTAPC-7	-	12239+97	99.2	LT	to	12239+93	66.2	LT	LT	SCL_ND32	33.2	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MUNICIPAL-W-23	-	12240+20	93.7	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MUNICIPAL-W-24	-	12240+20	65.8	LT	to	12240+20	93.9	LT	LT	SCL_ND32	28.1	FT	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MIDCO-6	-	12241+50	90.7	LT	to	12242+80	99.3	LT	LT	SCL_ND32	130.8	FT	-1	**Level 2**	Protect in Place	Midcontinent Communications	Fiber Optics	X	

Utility Conflict & Resolution - Table

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UE ID# UR ID# PR ID#	Utility Coordination Exhibit Page Number	Beginning Point				Ending Point			Type: Linear (RT/LT), Crossing, or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	UTILITY ENCOUNTER DETAIL Information To Create Special Provision Reference Note	Utility Company	Type of Facility	UE TYPE	
		Sta.	Offset (FT)	RT or LT		Sta.	Offset (FT)	RT or LT										Protect in Place	Conflict
OTTAPC-8	-	12242+57	85.0	RT	to	12241+85	98.3	LT	Crossing	SCL_ND32	196.9	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
OTTAPC-9	-	12242+63	83.4	RT	to	12241+92	99.6	LT	Crossing	SCL_ND32	196.6	FT	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
UNITEL-15	-	12243+25	93.2	LT	to	12247+90	91.5	LT	LT	467.75	467.8	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
OTTAPC-10	-	12245+47	102.8	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MDU-C-12	-	12243+14	80.0	LT	to	12253+45	73.3	LT	LT	SCL_ND32	1004.4	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
UNITEL-16	-	12245+47	102.2	LT	to	12253+91	81.9	LT	LT	SCL_ND32	819.7	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
UNITEL-17	-	12232+28	100.5	LT	to	12232+32	100.5	LT	LT	SCL_ND32	12.2	FT	-1	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
OTTAPC-11	-	12248+24	102.8	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
MUNICIPAL-W-25	-	12250+48	107.0	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MDU-C-13	-	12250+98	79.7	LT	to	12250+95	115.8	LT	LT	SCL_ND32	36.2	FT	-1	**Level 2**	Protect in Place	Montana-Dakota Utilities	Gas	X	
OTTAPC-12	-	12251+00	103.0	LT	to	-	-		Point	SCL_ND32	1.0	EA	-1	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
NORUEC-1	-	12306+08	113.8	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-2	-	12306+03	113.6	LT	to	12306+00	100.9	RT	Crossing	SCL_ND32	214.5	FT	-16	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-3	-	12306+04	113.6	LT	to	12306+05	97.5	RT	Crossing	SCL_ND32	211.1	FT	-16	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-4	-	12306+08	112.9	LT	to	12306+04	98.2	RT	Crossing		211.1	FT	-16	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-5	-	12306+11	113.0	LT	to	12306+04	97.8	RT	Crossing	SCL_ND32	210.9	FT	-16	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-6	-	12306+13	113.4	LT	to	12306+09	100.5	RT	Crossing	SCL_ND32	213.9	FT	-16	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NORUEC-7	-	12306+04	102.6	RT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
UNITEL-18	-	12303+05	84.3	LT	to	12308+24	92.8	LT	LT	SCL_ND32	528.0	FT	-18/+7	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
UNITEL-19	-	12308+28	106.8	LT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	

Utility Conflict & Resolution - Table

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UE ID# UR ID# PR ID#	Utility Coordination Exhibit Page Number	Beginning Point				Ending Point			Type: Linear (RT/LT), Crossing, or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	UTILITY ENCOUNTER DETAIL Information To Create Special Provision Reference Note	Utility Company	Type of Facility	UE TYPE	
		Sta.	Offset (FT)	RT or LT		Sta.	Offset (FT)	RT or LT										Protect in Place	Conflict
UNITEL-20	-	12308+26	92.6	LT	to	12309+43	84.7	LT	LT	SCL_ND32	119.8	FT	5	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
NORUEC-R8	-	12380+27	127.8	LT	to	12381+07	128.9	RT	RT	SCL_ND32	80.2	FT	6	**Level 2**	Protect in Place	Nodak Rural Electric Cooperative	Electric	X	
NOVAWD-6	-	12377+56	83.6	RT	to	12384+28	92.0	RT	RT	SCL_ND32	672.4	FT	6	**Level 2**	Protect in Place	North Valley Water District	Water	X	
NOVAWD-7	-	12421+29	87.6	RT	to	12422+51	99.8	RT	RT	SCL_ND32	121.8	FT	-2	**Level 2**	Protect in Place	North Valley Water District	Water	X	
UNITEL-21	-	12418+54	92.4	LT	to	12425+94	90.3	LT	LT	SCL_ND32	740.6	FT	9	**Level 2**	Protect in Place	United Telephone	Fiber Optics	X	
NORUEC-R9	-	12476+43	97.5	RT	to	12486+68	115.5	RT	RT	SCL_ND32	1063.0	FT	-2/+6	**Level 4**	See UTILITY ENCOUNTER DETAIL Reference Note: I. NORUEC	Nodak Rural Electric Cooperative	Electric	X	X
NORUEC-R10	-	12479+83	96.5	RT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 4**	See UTILITY ENCOUNTER DETAIL Reference Note: II. NORUEC	Nodak Rural Electric Cooperative	Electric	X	X
NORUEC-R11	-	12483+35	99.8	RT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 4**	See UTILITY ENCOUNTER DETAIL Reference Note: II. NORUEC	Nodak Rural Electric Cooperative	Electric	X	X
NORUEC-R12	-	12483+35	99.8	RT	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 4**	See UTILITY ENCOUNTER DETAIL Reference Note: II. NORUEC	Nodak Rural Electric Cooperative	Electric	X	X
OTTAPC-13	-	12233+07	100.7	lt	to	-	-	-	Point	SCL_ND32	1.0	EA	0	**Level 2**	Protect in Place	Otter Tail Power Company	Electric	X	
NORUEC-PR9.1	-	12476+43	97.5	RT	to	12486+67	89.3	RT	RT	SCL_ND32	1056.8	FT	-2/6	**Proposed Level 1**	Relocation for NORUEC-9	Nodak Rural Electric Cooperative	Electric	X	
MUNICIPAL-W-26	-	12236+71	35.4	Lt	to	12238+20	37.1	Lt	LT	SCL_ND32	148.8	FT	-4	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	
MUNICIPAL-San-1	-	12236+71	48.4	LT	to	12238+20	48.4	Lt	LT	SCL_ND32	149.1	FT	-5	**Level 2**	Protect in Place	City of Walhalla - Sanitary Sewer	Sanitary Sewer	X	
MUNICIPAL-W-27	-	12228+47	29.6	LT	to	12230+20	33.6	LT	LT	SCL_ND32	173.0	FT	-2	**Level 2**	Protect in Place	City of Walhalla - Water	Water	X	

UTILITY ENCOUNTER LEVEL DESIGNATIONS

UE LEVEL	DESCRIPTION
Level 1	Utility not affected by proposed improvements, no impacts.
Level 2	Construction activities will occur above and/or below the utility line. No relocation needed for the utility but may need precautions to protect the utility in place during construction activities.
Level 3	Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not change.
Level 4	Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will change.
Proposed Level 1	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 1.
Proposed Level 2	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 2.
Abandoned	Utility line that was an encounter and is now abandoned in place. See comments for construction disposition, removal, and/or remain in place.

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LEGEND

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Existing Right of Way

UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
United Telephone	UNITEL

Utility Coordination

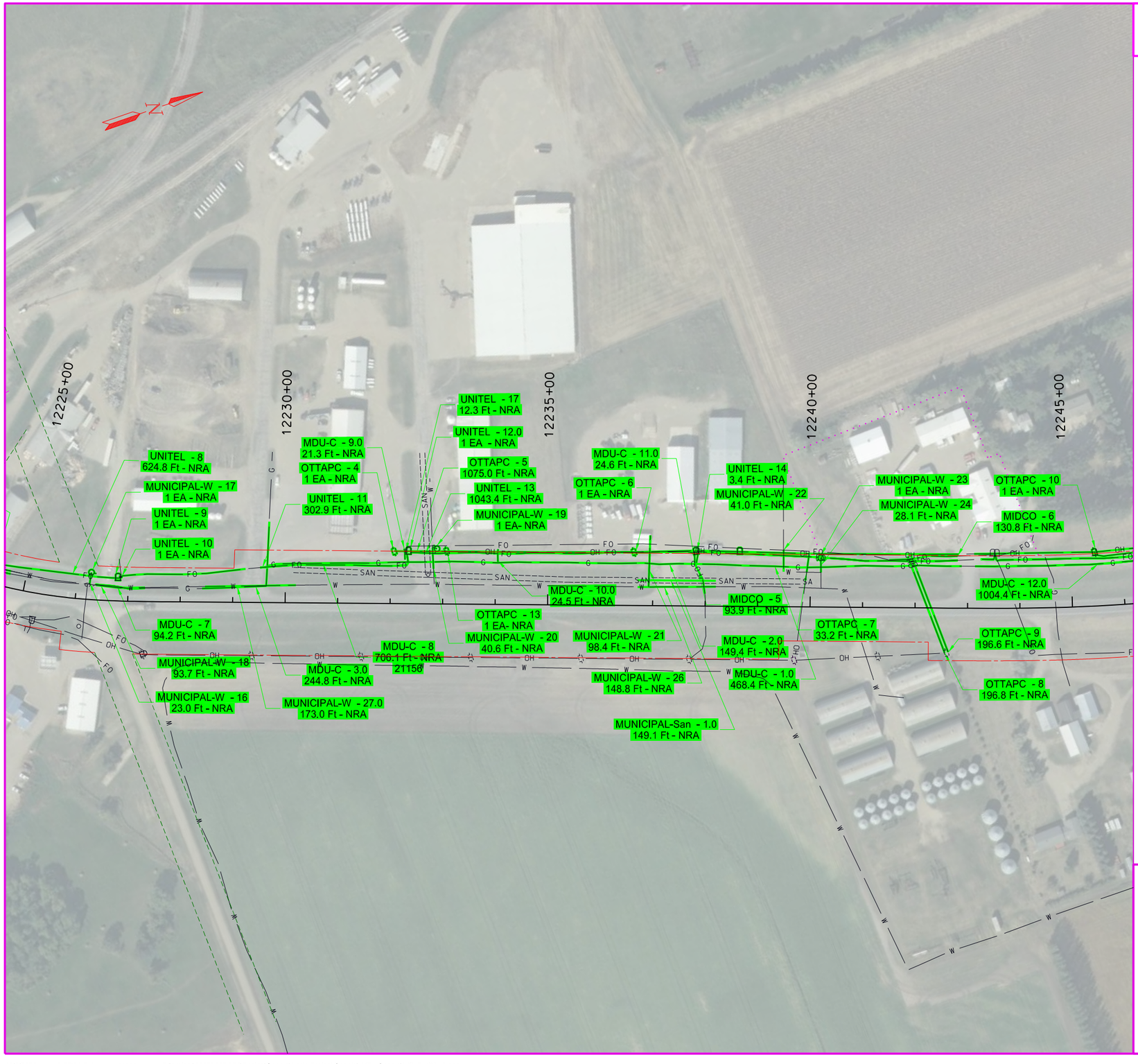
Mill, HMA, Sidewalk, Reinforced Concrete Box

ND 32- Walhalla North to Canadian Line

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LEGEND

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Existing Right of Way

UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
United Telephone	UNITEL

Utility Coordination

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LEGEND

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UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
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Utility Coordination

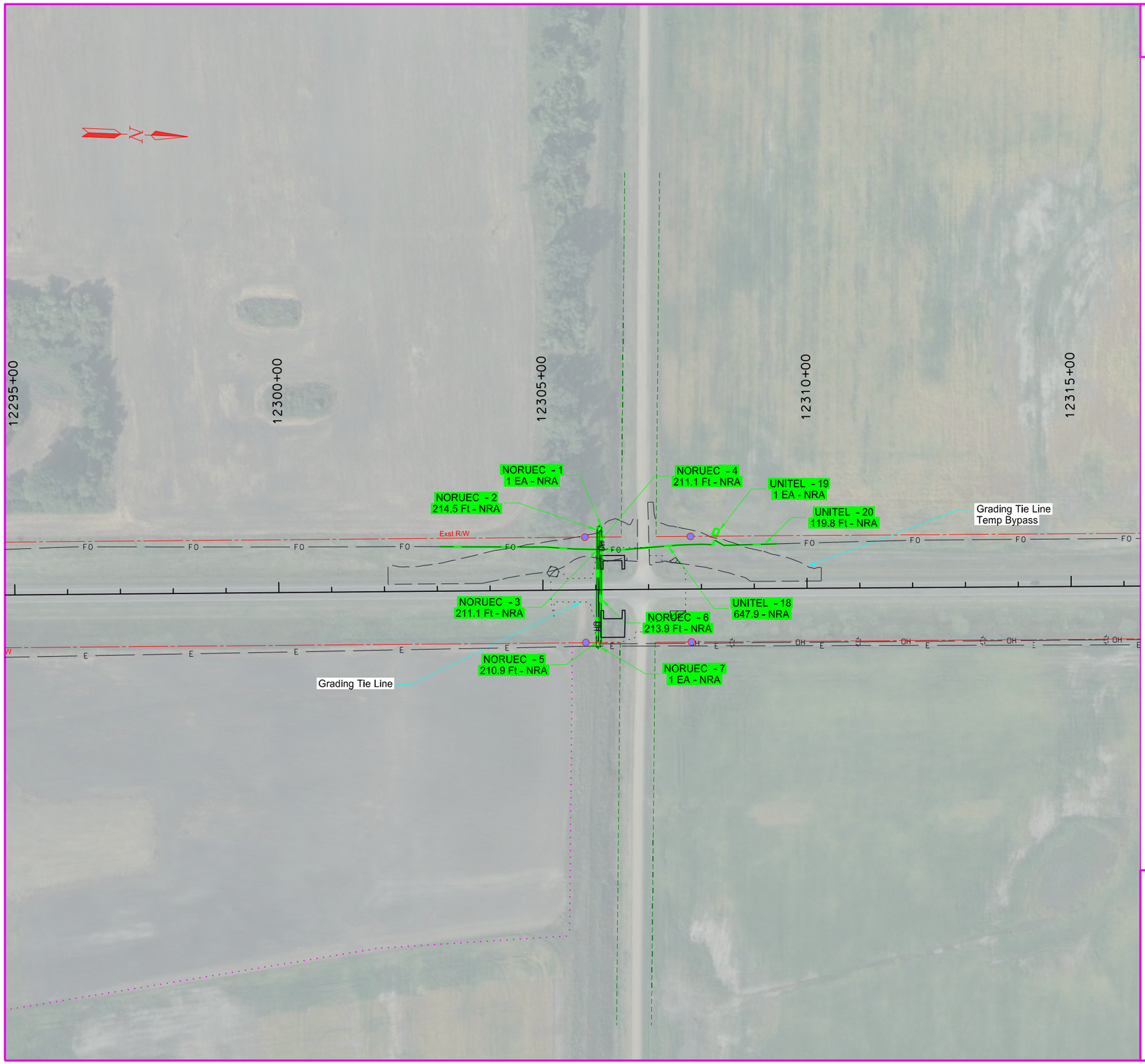
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LEGEND

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UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
United Telephone	UNITEL

Utility Coordination

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LEGEND

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UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
United Telephone	UNITEL

Utility Coordination

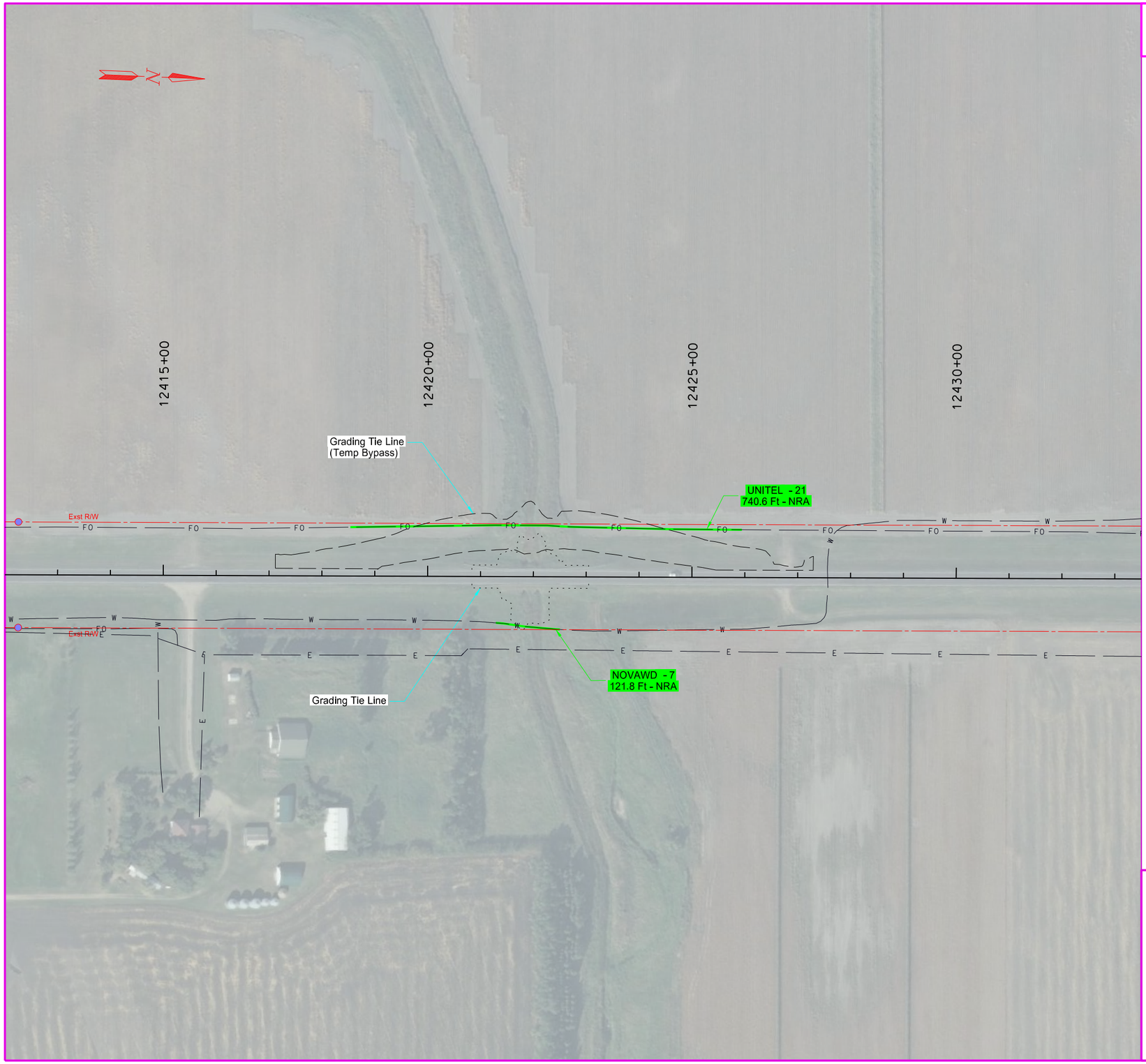
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LEGEND

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UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
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Utility Coordination

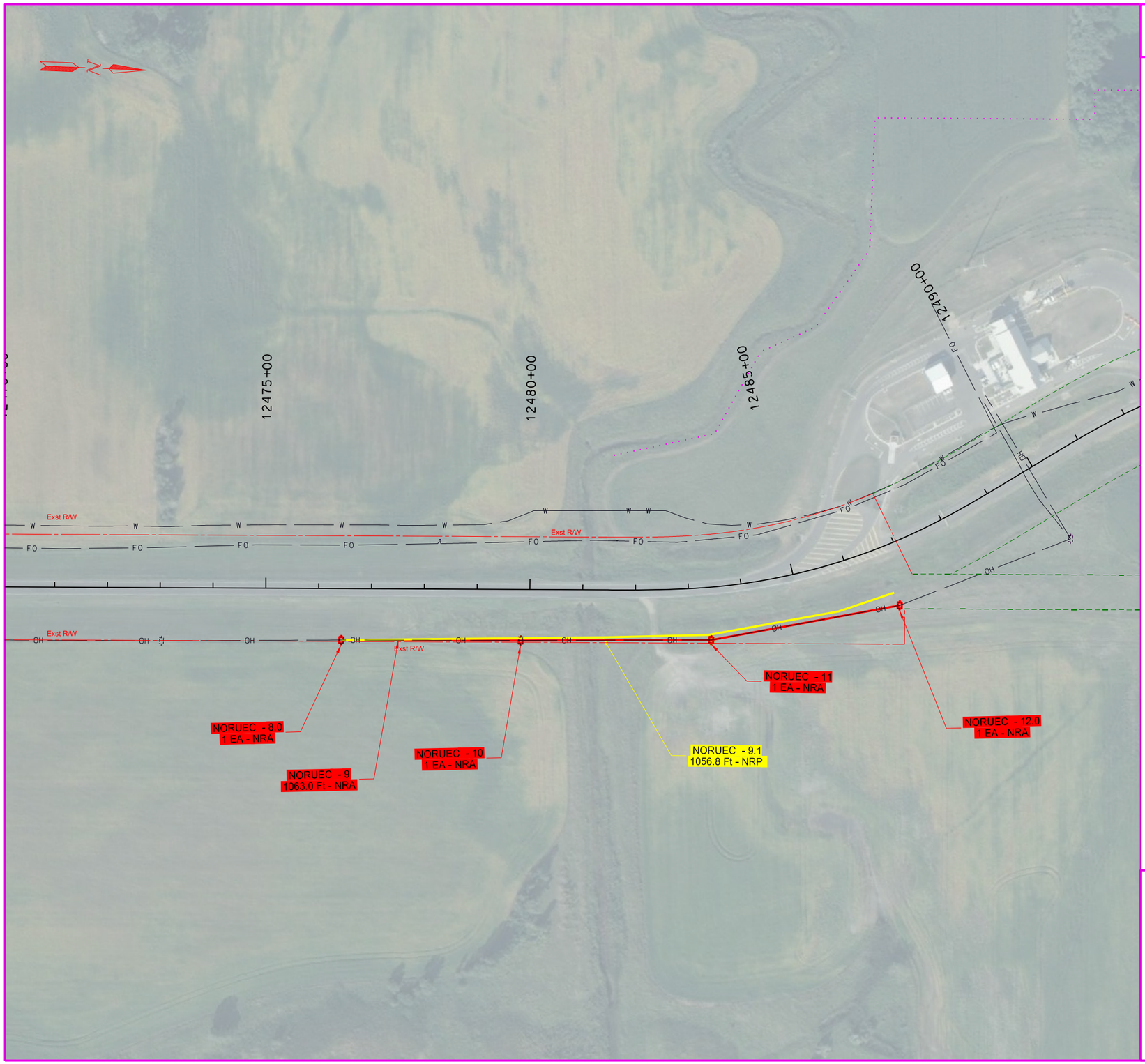
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LEGEND

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UTILITY COMPANY	CONFLICT ABBREVIATION
City of Wahalla - Electric	MUNICIPAL-Elec
City of Wahalla - Water	MUNICIPAL-W
City of Wahalla - Sanitary Sewer	MUNICIPAL-San
City of Wahalla - Storm Sewer	MUNICIPAL-Storm
Midcontinent Communications	MIDCO
Montana-Dakota Utilities	MDU-C
Nodak Rural Electric Cooperative	NORUEC
North Valley Water District	NOVAWD
Otter Tail Power Company	OTTAPC
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Utility Coordination

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PRELIMINARY

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

SOIL STABILIZATION

PROJECT: 6-032(075)231 – PCN 23896

DESCRIPTION

A. General.
This SP overrides Section 253 “Mulching”

B. Straw or Hydraulic Mulch.
This work consists of grass hay or straw mulching, and hydraulic mulching for temporary or permanent stabilization.

C. Soil Stabilizer.
This work consists of hydraulic application of soil stabilizers for temporary stabilization.

EQUIPMENT

Use straw mulch equipment that uniformly distributes the mulch over the seedbed.

Use a puncher that consists of a series of dull, flat disks:

- With notched or cutout edges;
- Approximately 20 inches in diameter;
- 0.25 inches thick;
- Spaced approximately 8 inches apart; and
- Fitted with scrapers.

MATERIALS

A. Hydraulic Mulch.
Use hydraulic mulch free of germination or growth inhibiting factors. Provide hydraulic mulch free of toxins.

Provide hydraulic mulch with fibers capable of absorbing water and allowing infiltration to the underlying soil without restricting emergence of seedlings.

B. Straw Mulch.
Use mulch material consisting of straw from cereal grain or native hay. The mulch shall be free of seed bearing stalks of noxious weeds as defined by the North Dakota Department of Agriculture.

The Engineer will not accept mulch that:

- Is wet, musty, moldy, or rotted;
- Is chopped or ground; or
- Contains deleterious material.

C. Tackifier.

Use a tackifier consisting of one of the following:

1. Water soluble natural proteins, vegetable gums, or guar gums blended with gelling and hardening agents. Guar gum based tackifier shall consist of a minimum of 95 percent guar gum by weight with the remainder consisting of dispersing and cross-link additives.

2. Water soluble blend of hydrophilic polymers, viscosifiers, sticking aids and other gums.

D. Soil Stabilizer.

1. General.

Use soil stabilizer from the list below or an approved equal:

Product	Manufacturer
StarTak 600 Applied at a rate of 150 Lb/Acre	Chemstar Products Company Minneapolis, MN Phone: 1-800-328-5037 www.chemstar.com
EarthGuard SFM Applied at a rate of 60 LB/Acre (approx. 6 Gallons/Acre)	Terra Novo Inc. Bakersfield, CA Phone: 1-661-747-5956 www.terranovo.com
M-Binder Applied at a rate of 150 Lb/Acre	Ecology Controls Carpinteria, CA Phone: 1-805-684-0436 www.ssseeds.com
FiberRX Applied at a rate of: Slope None to 4:1 50 Lb/Acre 3:1 60 Lb/Acre 2:1 70 Lb/Acre 1:1 or steeper 80 Lb/Acre	Hydrostraw, LLC Manteno, IL Phone: 1-800-545-1755 hydrostraw.com
Enviropam Applied at a rate of 9 Lb/Acre	Innovative Turf Solutions, LLC Cincinnati, OH Phone: 1-513-317-8311 www.innovativeturfsolutions.com
HydraTack, Tack Plus, Tack-P, or Tack-P Plus Applied at a rate of 30 Lb/Acre	Innovative Turf Solutions, LLC Cincinnati, OH Phone: 1-513-317-8311 www.innovativeturfsolutions.com
FI-1045 Hydrobond or FI-1046 Hydrobond Applied at a rate of 15 Lb/Acre	JRM Chemical, Inc. Cleveland, OH Phone: 1-216-475-8488 www.soilmoist.com

Product	Manufacturer
HF5000 Tack Applied at a rate of 60 Lb/Acre	Rantec Corporation Ranchester, WY Phone: 1-307-655-9565 www.ranteccorp.com
R-Tack Applied at a rate of 150 Lb/Acre	
SpecTac Applied at a rate of: Slope — None: 30 to 80 Lb/Acre; 4:1: 50 to 100 Lb/Acre; 3:1: 80 to 120 Lb/Acre; 2:1: 100 to 170 Lb/Acre	
Super Tack Applied at a rate of 60 Lb/Acre	

2. **Tracer Material.**
   Provide tracer material that consists of a hydraulic mulch that contains a green dye. Provide tracer material that is free of the following:
   - Toxins; and
   - Germination or growth inhibitors.

CONSTRUCTION REQUIREMENTS

A. General.
Uniformly cover areas of disturbed ground where construction activities have ceased according to SSP 1 “Temporary Erosion and Sediment Control Measures and the Erosion and Sediment Control Permit.

Uniformly cover seeded areas with mulch within 24 hours of initiating seeding.

Protect traffic, signs, structures, and other objects from being marked or splattered by the material.

B. Hydraulic Mulch.

1. **General.**
   Use mulch that is evenly dispersed and suspended in agitated water. Apply at a rate of one ton per acre with a minimum of 95 percent coverage of the seedbed.

2. **Anchoring.**
   Use tackifier on areas where temporary stabilization is required for slopes that are steeper than 3:1. Mix tackifier with the mulch and apply at the rate recommended by the manufacturer.

C. Straw Mulch.

1. **Application.**
   Place mulch at a rate of 2 tons per acre.

Do not perform mulching operations when the sustained wind velocity is greater than 25 miles per hour.

Avoid placing excessive cover that smothers seedlings.

2. **Anchoring.**

   a. **General.**
   Anchor mulch using one of the following methods to:

   b. **Punching.**
   Immediately following application, punch mulch into the soil using a puncher.

   Operate the puncher parallel to the contours of the ground.

   Push the mulch into the soil 3 inches, with the ends of the mulch exposed above the soil surface.

   c. **Tackifier.**
   Use tackifier on areas where slopes are steeper than 3:1. Apply the tackifier at the rate recommended by the manufacturer. If no manufacturer recommendations are available, apply at a rate between 175 and 275 pound per acre by spraying with the mulch or immediately following the mulching application.

3. **Maintenance.**
   Repair or re-mulch damaged areas.

D. Soil Stabilizer.

1. **General.**
   Only use soil stabilizer in temporary stabilization applications.

   Uniformly cover areas of disturbed ground where construction activities have temporarily ceased with a minimum of 95 percent coverage of the disturbed area.

   Hydraulically apply soil stabilizer with tracer material in accordance with the manufacturer's application instructions and at the rate specified in the list of approved soil stabilizers.

   Protect traffic, signs, structures, and other objects from being marked or splattered by the material.

2. **Tracer Material.**
   Include enough trace material for it to be easily visible for the inspector and installer. Use tracer material that is evenly dispersed and suspended in agitated water and Soil Stabilizer mix.

METHOD OF MEASUREMENT

The Engineer will measure, completed and in place, as specified in Section 109.01, "Measurement of Quantities".

Soil stabilization is the use of any mulching material to cover the disturbed ground.

BASIS OF PAYMENT

Pay Item	Pay Unit
Soil Stabilization	Acre

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

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

AIRPORT COORDINATION

PROJECT # SS-6-032(075)231– PCN 23896

DESCRIPTION

This work consists of incorporating the FAA Requirements with the construction of the project.

Walhalla Municipal Airport is located on the East side of ND 32 at approximately RP 232.200.

Construction equipment with heights up to 15 feet above ground level pose no hazard to air navigation in accordance with 14 CFR 77.7 and 77.9

The Federal Aviation Administration (FAA) has conducted four aeronautical studies for airspace sensitive areas under the provision of 49 U.S.C., Section 44718 of the Code of Federal Regulations, part 77. These are areas where new box culverts will be placed. The studies have corresponding letters attached to this Special Provision.

Box Culvert Locations with FAA Clearance heights:

RP 233.066 (40’ clearance)
RP 234.484 (100’ clearance)
RP 235.265 (100’ clearance)
RP 236.386 (100’ clearance)

If equipment that will extend to a height greater than what is outlined in each letter is intended to be used on this project, Complete the FAA Notice of Proposed Construction or Alteration Form 7460-1 in accordance with 14 CFR 77.7 and 77.9 (at least 45 days before the start date of the proposed construction or alteration or the date an application for a construction permit is filed, whichever is earliest) (online at http://oeaaa.faa.gov).

ATTACHMENTS

(Original Letter followed by Extension Letter)

FAA Letter A – RP 233.066- Aeronautical Study No. 2025-AGL-15788-OE
FAA Letter B – RP 234.484- Aeronautical Study No. 2025-AGL-15789-OE
FAA Letter C – RP 235.265- Aeronautical Study No. 2025-AGL-15790-OE
FAA Letter D – RP 236.386- Aeronautical Study No. 2025-AGL-15792-OE

FAA Letter A

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15788-OE

Issued Date: 12/15/2025

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Mobile Construction Equipment Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-56-55.15N	97-54-22.44W	954 Ft	40 Ft	994 Ft
pt-2	48-56-55.22N	97-54-22.56W	954 Ft	40 Ft	994 Ft
pt-3	48-56-54.98N	97-54-22.46W	954 Ft	40 Ft	994 Ft
pt-4	48-56-55.04N	97-54-22.57W	954 Ft	40 Ft	994 Ft

This aeronautical study revealed that the temporary structure does exceed obstruction standards but would not be a hazard to air navigation provided the condition(s), if any, in this letter is (are) met:

SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice to Airmen (NOTAM).

If you have any questions, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15788-OE

Signature Control No: 686490714-687043512 (TMP)
Timothy Waychoff
Specialist

Additional Condition(s) or Information for ASN 2025-AGL-15788-OE

Proposal: To construct and/or operate a(n) Mobile Construction Equipment to a height of 40 feet above ground level, 994 feet above mean sea level.

Location: The structure will be located 0.5 nautical miles north of 96D Airport reference point.

Case Description for ASN 2025-AGL-15788-OE

The Contractor will need to use an excavator to place a box culvert in this location. They will have to sit on the north side of the box due to an overhead line on the south side.

Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:

Based on this aeronautical study, the structure would not constitute a substantial adverse effect on aeronautical operations or procedures because it will be temporary. The temporary structure would not be considered a hazard to air navigation provided all of the conditions specified in this determination are strictly met.

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M Change 1, Obstruction Marking and Lighting, flags/red lights-Chapters 3(Marked),4,5(Red),14(Temporary),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that the FAA be notified 3 business days prior to the temporary structure being erected and again when the structure is removed from the site. Notification should be made to this office through your registered e-filing account. Notification is necessary so that aeronautical procedures can be temporarily modified to accommodate the structure.

NOTIFICATION IS REQUIRED AGAIN THROUGH YOUR REGISTERED E-FILING ACCOUNT WHEN THE TEMPORARY STRUCTURE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMEN (NOTAM) CANCELLATION.

It is required that the manager of WALHALLA MUNI, (701) 265-2617 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

This determination expires on 12/15/2026 unless extended, revised, or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

You must contact the FAA as specified above to request a Flight Data Center (FDC) Notice to Airmen (NOTAM) in order to coordinate the following:

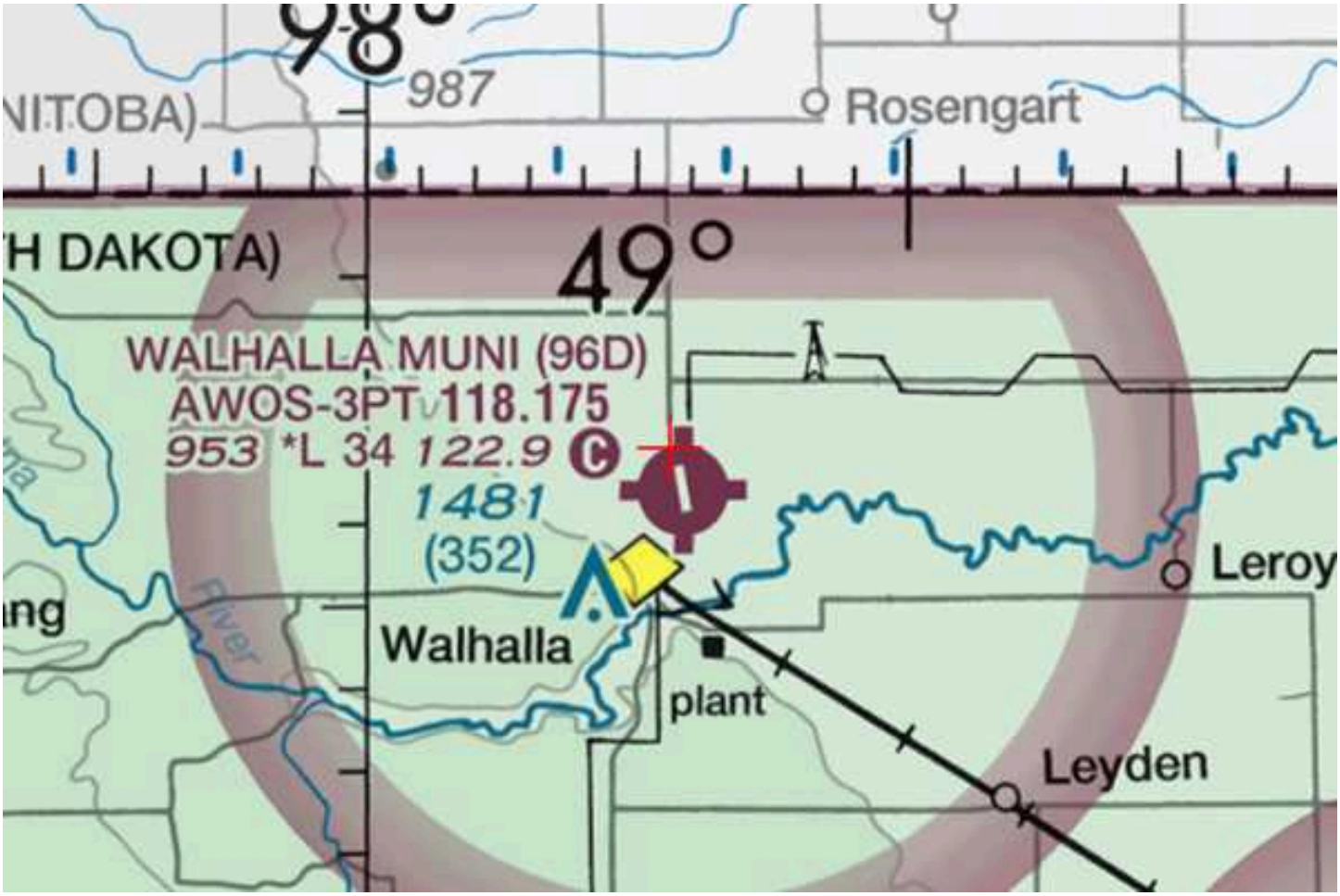
At 994 AMSL (PT1-4), WALHALLA MUNI (96D) WALHALLA, ND. PT1: Obstacle penetrates RWY 33 40:1 departure surface 8 feet. Qualifies as low, close-in penetration with climb gradient termination altitude 200 feet or less above DER, requiring TAKEOFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES: RWY 33, CONSTRUCTION VEHICLE 1341 feet from departure end of runway, 359 feet left of centerline, 40 AGL, 994 AMSL, NEH 986 AMSL (4D/2C). +++ PT2: Obstacle penetrates RWY 33 40:1 departure surface 8 feet. Qualifies as low, close-in penetration with climb gradient termination altitude 200 feet or less above DER, requiring TAKEOFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES: RWY 33, CONSTRUCTION VEHICLE 1349 feet from departure end of runway, 366 feet left of centerline, 40 AGL, 994 AMSL, NEH 986 AMSL (4D/2C). +++ PT3: Obstacle penetrates RWY 33 40:1 departure surface 8 feet. Qualifies as low, close-in penetration with climb gradient termination altitude 200 feet or less above DER, requiring TAKEOFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES: RWY 33, CONSTRUCTION VEHICLE 1324 feet from departure end of runway, 363 feet left of centerline, 40 AGL, 994 AMSL, NEH 986 AMSL (4D/2C). +++ PT4: Obstacle penetrates RWY 33 40:1 departure surface 8 feet. Qualifies as low, close-in penetration with climb gradient termination altitude 200 feet or less above DER, requiring TAKEOFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES: RWY 33, CONSTRUCTION VEHICLE 1331 feet from departure end of runway, 369 feet left of centerline, 40 AGL, 994 AMSL, NEH 986 AMSL (4D/2C).

You must also contact the FAA as specified above when the temporary structure has been removed from the site to cancel the NOTAM(s). If it specifies above that you must contact the FAA via e-filing, please visit the instructions link at oeaaa.faa.gov and review the NOTAM Efile Desk Reference Guide for assistance.

TOPO Map for ASN 2025-AGL-15788-OE



Sectional Map for ASN 2025-AGL-15788-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15788-OE

Issued Date: 10/07/2026

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure: Mobile Construction Equipment Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-56-55.15N	97-54-22.44W	954 Ft	40 Ft	994 Ft
pt-2	48-56-55.22N	97-54-22.56W	954 Ft	40 Ft	994 Ft
pt-3	48-56-54.98N	97-54-22.46W	954 Ft	40 Ft	994 Ft
pt-4	48-56-55.04N	97-54-22.57W	954 Ft	40 Ft	994 Ft

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/07/2028 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15788-OE.

Signature Control No: 686490714-727882344 (EXT)
Tim Waychoff
Specialist

Attachment(s)
Case Description

The Contractor will need to use an excavator to place a box culvert in this location. They will have to sit on the north side of the box due to an overhead line on the south side.

FAA Letter B

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15789-OE

Issued Date: 12/15/2025

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Mobile Crane Crane or Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-58-07.49N	97-54-23.74W	948 Ft	100 Ft	1048 Ft
pt-2	48-58-06.95N	97-54-23.72W	948 Ft	100 Ft	1048 Ft
pt-3	48-58-07.42N	97-54-23.83W	948 Ft	100 Ft	1048 Ft
pt-4	48-58-06.91N	97-54-23.82W	948 Ft	100 Ft	1048 Ft

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the condition(s), if any, in this letter is (are) met:

SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice to Airmen (NOTAM).

If you have any questions, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15789-OE

Signature Control No: 686491120-687043609 (TMP)
Timothy Waychoff
Specialist

Additional Condition(s) or Information for ASN 2025-AGL-15789-OE

Proposal: To construct and/or operate a(n) Mobile Crane to a height of 100 feet above ground level, 1048 feet above mean sea level.

Location: The structure will be located 1.69 nautical miles north of 96D Airport reference point.

Case Description for ASN 2025-AGL-15789-OE

Crane or Excavator to place new box culvert

Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:

Aeronautical study revealed that the temporary structure will not exceed any Part 77 obstruction standard. Aeronautical study confirmed that the temporary structure will have no effect on any existing or proposed arrival, departure or en route instrument/visual flight rules (IFR/VFR) operations or procedures. Additionally, aeronautical study confirmed that the temporary structure will have no physical or electromagnetic effect on the operation of air navigation and communications facilities and will not impact any airspace and routes used by the military. Based on this aeronautical study, the FAA finds that the temporary structure will have no adverse effect on air navigation and will not impact any aeronautical operations or procedures.

Based on this aeronautical study, the structure would not constitute a substantial adverse effect on aeronautical operations or procedures because it will be temporary. The temporary structure would not be considered a hazard to air navigation provided all of the conditions specified in this determination are strictly met.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

It is required that the manager of WALHALLA MUNI, (701) 265-2617 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

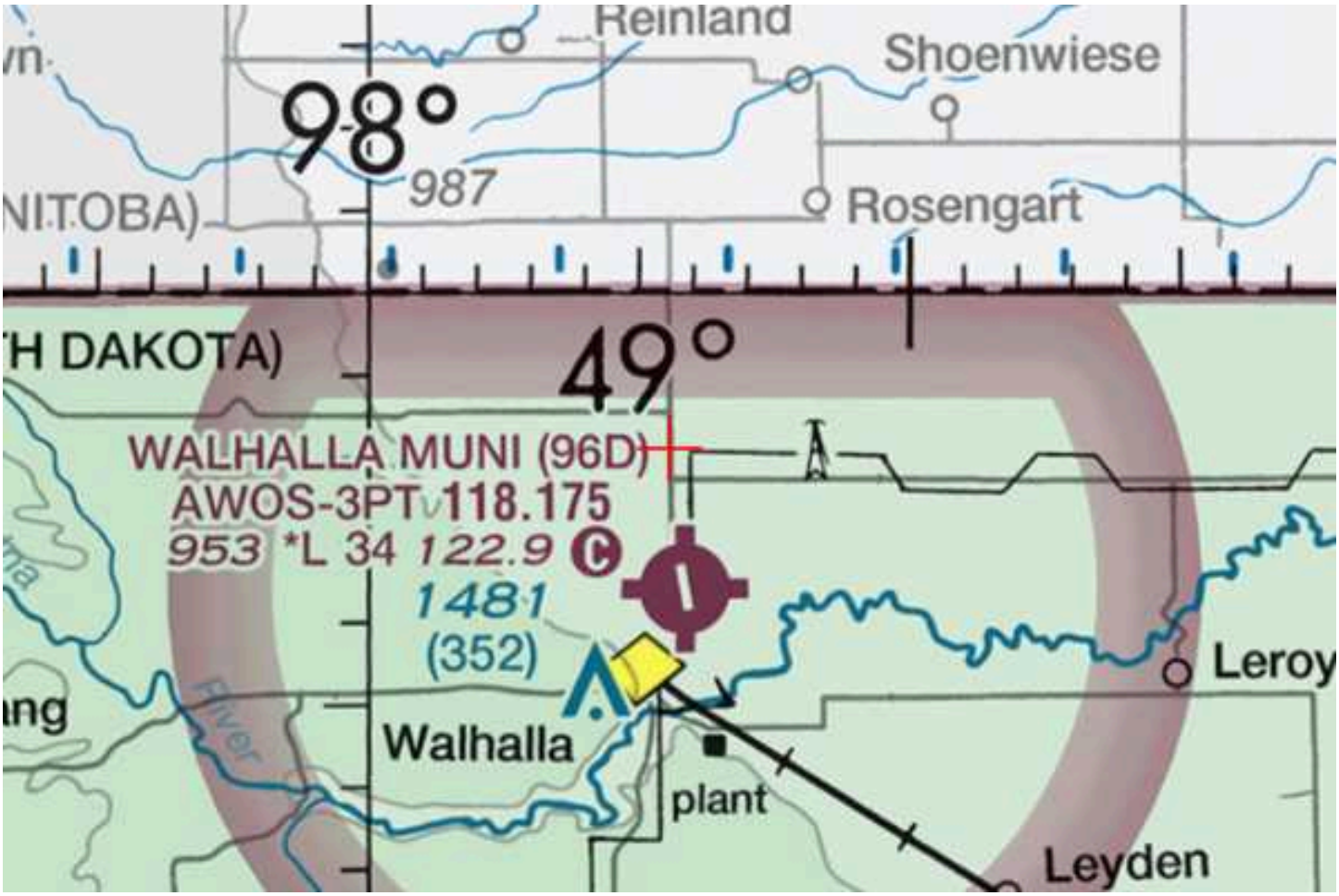
This determination expires on 12/15/2026 unless extended, revised, or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

TOPO Map for ASN 2025-AGL-15789-OE



Sectional Map for ASN 2025-AGL-15789-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15789-OE

Issued Date: 10/07/2026

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure: Mobile Crane Crane or Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-58-07.49N	97-54-23.74W	948 Ft	100 Ft	1048 Ft
pt-2	48-58-06.95N	97-54-23.72W	948 Ft	100 Ft	1048 Ft
pt-3	48-58-07.42N	97-54-23.83W	948 Ft	100 Ft	1048 Ft
pt-4	48-58-06.91N	97-54-23.82W	948 Ft	100 Ft	1048 Ft

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/07/2028 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15789-OE.

Signature Control No: 686491120-727882346 (EXT)
Tim Waychoff
Specialist

Attachment(s)
Case Description

Crane or Excavator to place new box culvert

FAA Letter C

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15790-OE

Issued Date: 12/15/2025

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Mobile Crane Mobile Crane or Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-58-47.76N	97-54-23.92W	948 Ft	100 Ft	1048 Ft
pt-2	48-58-47.85N	97-54-24.07W	948 Ft	100 Ft	1048 Ft
pt-3	48-58-47.50N	97-54-23.94W	948 Ft	100 Ft	1048 Ft
pt-4	48-58-47.43N	97-54-24.04W	948 Ft	100 Ft	1048 Ft

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the condition(s), if any, in this letter is (are) met:

SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice to Airmen (NOTAM).

If you have any questions, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15790-OE

Signature Control No: 686491551-687043611 (TMP)
Timothy Waychoff
Specialist

Additional Condition(s) or Information for ASN 2025-AGL-15790-OE

Proposal: To construct and/or operate a(n) Mobile Crane to a height of 100 feet above ground level, 1048 feet above mean sea level.

Location: The structure will be located 2.36 nautical miles north of 96D Airport reference point.

Case Description for ASN 2025-AGL-15790-OE

Box Culvert Installation

Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:

Aeronautical study revealed that the temporary structure will not exceed any Part 77 obstruction standard. Aeronautical study confirmed that the temporary structure will have no effect on any existing or proposed arrival, departure or en route instrument/visual flight rules (IFR/VFR) operations or procedures. Additionally, aeronautical study confirmed that the temporary structure will have no physical or electromagnetic effect on the operation of air navigation and communications facilities and will not impact any airspace and routes used by the military. Based on this aeronautical study, the FAA finds that the temporary structure will have no adverse effect on air navigation and will not impact any aeronautical operations or procedures.

Based on this aeronautical study, the structure would not constitute a substantial adverse effect on aeronautical operations or procedures because it will be temporary. The temporary structure would not be considered a hazard to air navigation provided all of the conditions specified in this determination are strictly met.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

It is required that the manager of WALHALLA MUNI, (701) 265-2617 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

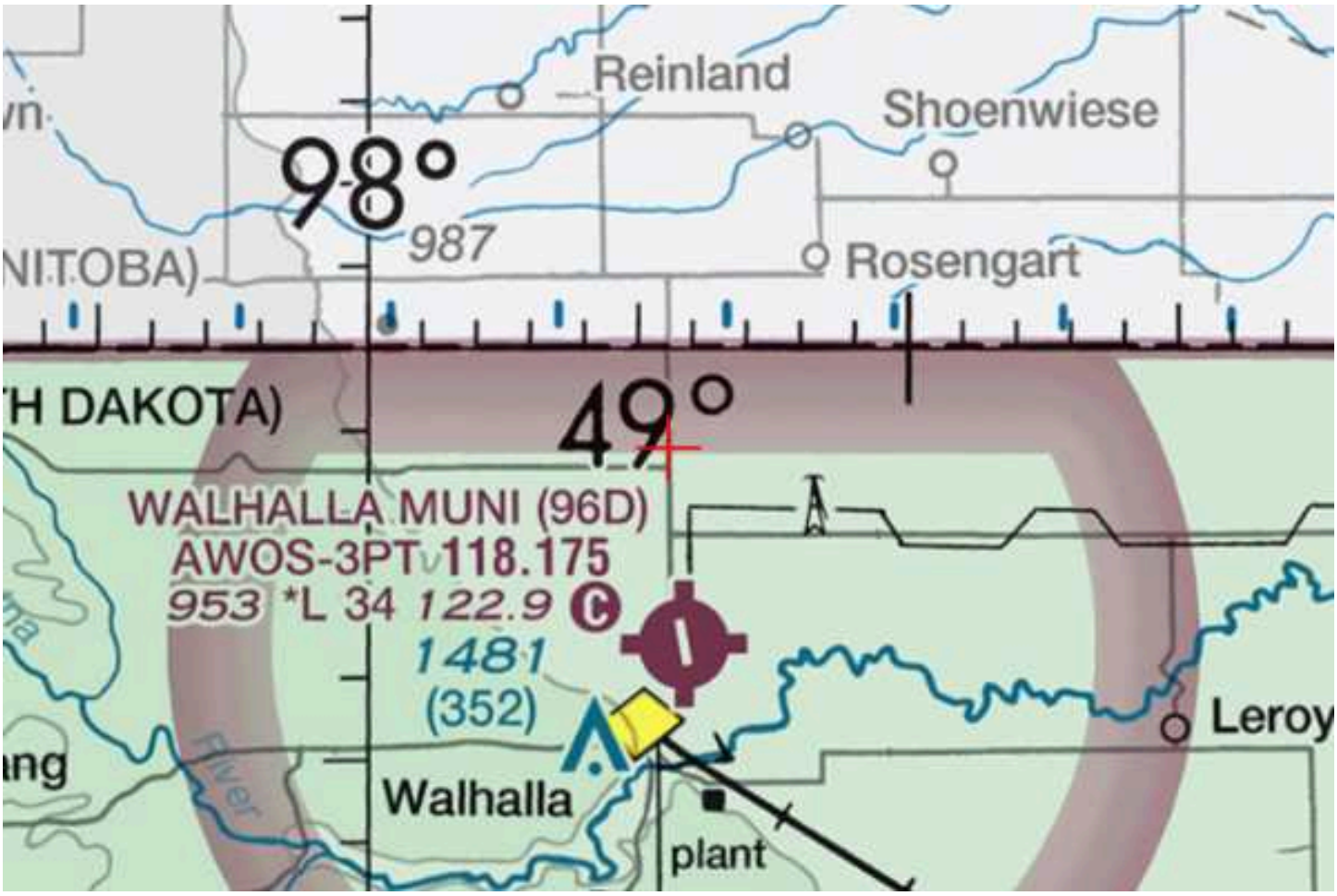
This determination expires on 12/15/2026 unless extended, revised, or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

TOPO Map for ASN 2025-AGL-15790-OE



Sectional Map for ASN 2025-AGL-15790-OE



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15790-OE

Issued Date: 10/07/2026

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure: Mobile Crane Mobile Crane or Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-58-47.76N	97-54-23.92W	948 Ft	100 Ft	1048 Ft
pt-2	48-58-47.85N	97-54-24.07W	948 Ft	100 Ft	1048 Ft
pt-3	48-58-47.50N	97-54-23.94W	948 Ft	100 Ft	1048 Ft
pt-4	48-58-47.43N	97-54-24.04W	948 Ft	100 Ft	1048 Ft

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/07/2028 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15790-OE.

Signature Control No: 686491551-727882347 (EXT)
Tim Waychoff
Specialist

Attachment(s)
Case Description

Box Culvert Installation

FAA Letter D

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15792-OE

Issued Date: 12/15/2025

NDDOT
EMILY GUSTAFSON
608 E Blvd Ave
Bismarck, ND 58505

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Mobile Crane Mobile Crane or Excavator
County, State: Pembina, North Dakota

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
pt-1	48-59-46.02N	97-54-24.27W	939 Ft	100 Ft	1039 Ft
pt-2	48-59-45.93N	97-54-24.33W	939 Ft	100 Ft	1039 Ft
pt-3	48-59-45.56N	97-54-24.24W	939 Ft	100 Ft	1039 Ft
pt-4	48-59-45.50N	97-54-24.33W	939 Ft	100 Ft	1039 Ft

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the condition(s), if any, in this letter is (are) met:

SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice to Airmen (NOTAM).

If you have any questions, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15792-OE

Signature Control No: 686491905-687043610 (TMP)
Timothy Waychoff
Specialist

Additional Condition(s) or Information for ASN 2025-AGL-15792-OE

Proposal: To construct and/or operate a(n) Mobile Crane to a height of 100 feet above ground level, 1039 feet above mean sea level.

Location: The structure will be located 3.33 nautical miles north of 96D Airport reference point.

Case Description for ASN 2025-AGL-15792-OE

Box Culvert Installation

Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:

Aeronautical study revealed that the temporary structure will not exceed any Part 77 obstruction standard. Aeronautical study confirmed that the temporary structure will have no effect on any existing or proposed arrival, departure or en route instrument/visual flight rules (IFR/VFR) operations or procedures. Additionally, aeronautical study confirmed that the temporary structure will have no physical or electromagnetic effect on the operation of air navigation and communications facilities and will not impact any airspace and routes used by the military. Based on this aeronautical study, the FAA finds that the temporary structure will have no adverse effect on air navigation and will not impact any aeronautical operations or procedures.

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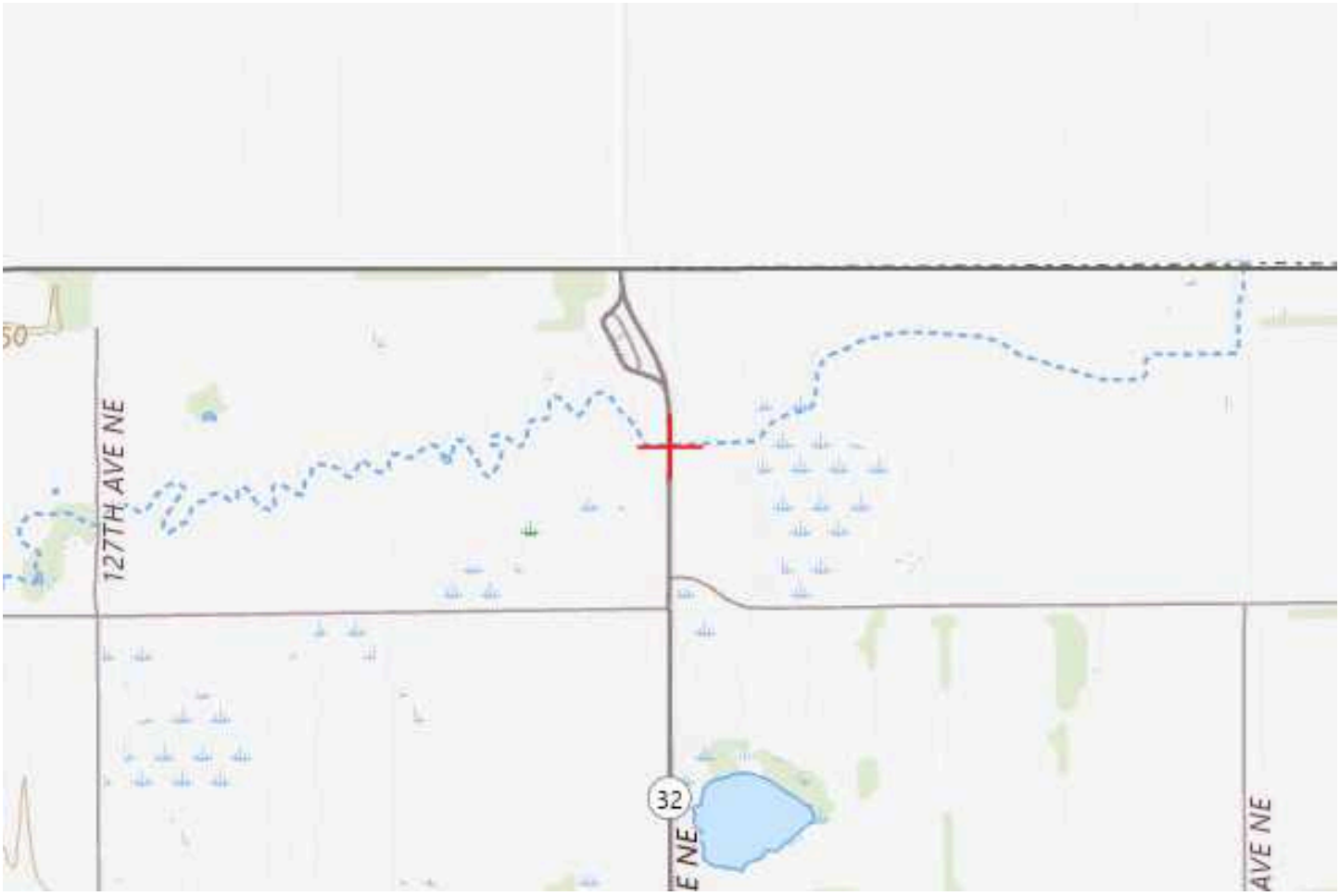
Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M Change 1.

It is required that the manager of WALHALLA MUNI, (701) 265-2617 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

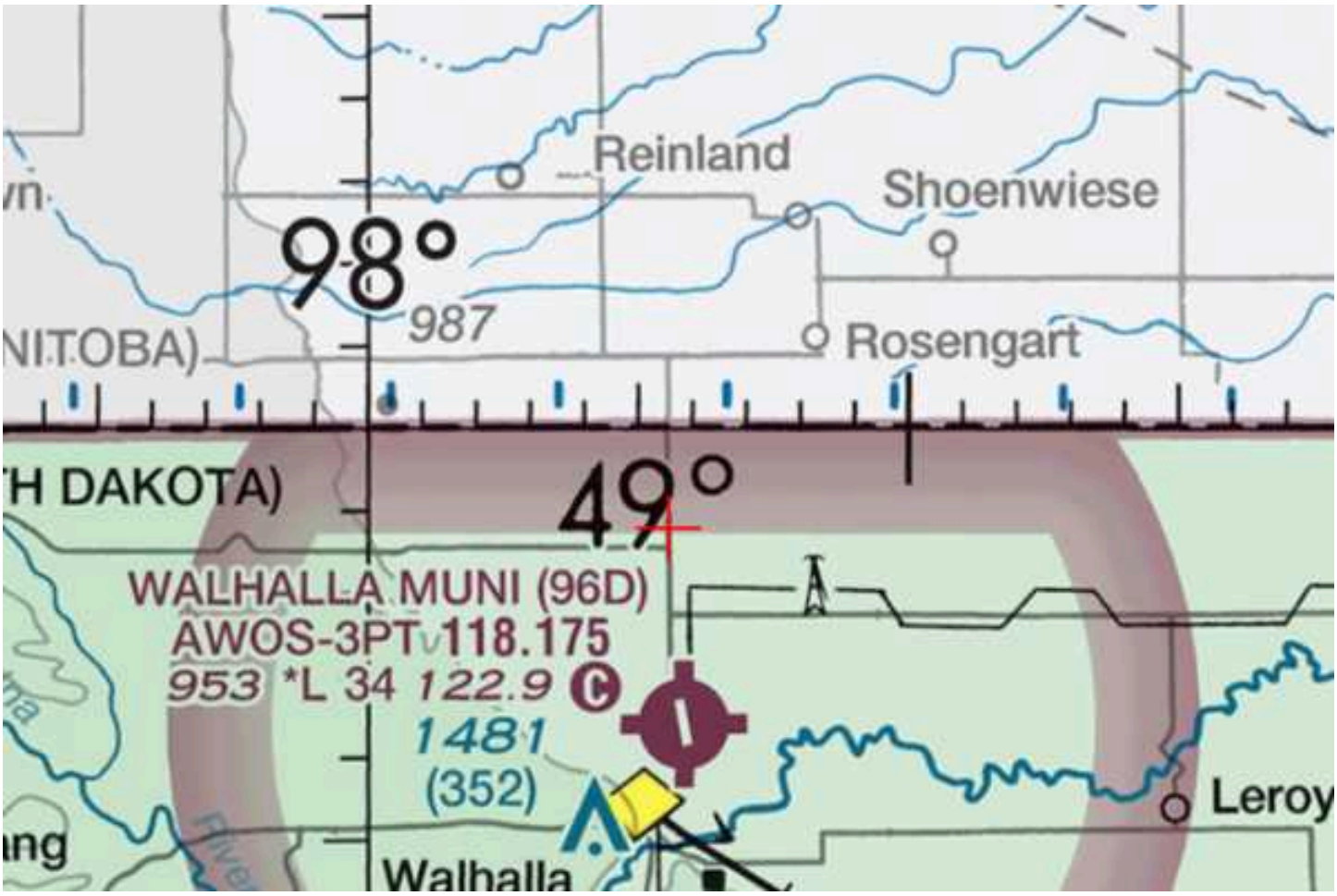
This determination expires on 12/15/2026 unless extended, revised, or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

TOPO Map for ASN 2025-AGL-15792-OE



Sectional Map for ASN 2025-AGL-15792-OE



Mail Processing Center
Federal Aviation Administration
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10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2025-AGL-15792-OE

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**** Extension ****

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In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/07/2028 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

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If we can be of further assistance, please contact our office at 1-817-222-5954, or timothy.m.waychoff@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2025-AGL-15792-OE.

Signature Control No: 686491905-727882345 (EXT)
Tim Waychoff
Specialist

Attachment(s)
Case Description

Box Culvert Installation

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION (SP)

TEMPORARY WATER DIVERSION

Project # 6-032(075)231 – PCN 23896

DESCRIPTION

Diversions are used to temporarily reroute surface water or restrict flows to allow for the construction activities to take place.

This work consists of constructing and maintaining a temporary diversion to allow for the installation of precast box culverts at Station12306+32.15, 12380+70.46, 12421+94.36, and 12481+06.42 as well as maintaining any water from legal drains or drain tile outlets located within the limits of the diversion.

This work is in conjunction with the requirements of Standard Special Provision (SSP) 1 "Temporary Erosion and Sediment Best Management Practices," and the Construction General Permits.

ATTACHMENTS

Appendix A: 2-Year 24 hour Flow.

MATERIALS

Item	Section
Geosynthetic Type R1	858

Where R1 material is specified according to the design, alternative materials may be used if the alternative material has a lower permittivity and higher strength than Geosynthetic Type R1.

CONSTRUCTION REQUIREMENTS

A. Plan.

1. **General.**
   Review, modify, and obtain all appropriate permits before work commences on the diversions.

   Design, construct, operate, and remove temporary diversions to prevent soil/water interaction.

2. **Plan Submittal.**
   Submit a design for the diversion that includes work drawings and include the submittals with the Storm Water Pollution Prevention Plan (SWPPP).

3. **Design.**
   Design the temporary diversion to withstand the 2 year event shown in Appendix A, prevent soil/water interaction, and meet the following:
   - If flow occurs while the diversion is in place, a portion of the flow must be passed as water accumulates in order to maintain flows downstream;
   - Maintain downstream water quality equal to or better than the upstream water quality; and
   - Include provisions that will prevent the accumulation of job site sediment in the diversion.

B. Diversion Components.

1. **General.**
   Construction of the diversion may entail using the components listed below or other methods approved by the Engineer.

   Isolate the work area using dikes or other methods even when no water is present. Construct the diversion before beginning work on the structure.

   Install diversion measures before beginning work on the structure.

2. **Stockpiles.**
   Strip and stockpile topsoil from areas where the temporary diversion will be constructed and installed. Do not place stockpiles between the diversion and the work area. Stabilize stockpiles placed within 200 feet of the diversion and work area within 24 hours of construction of the stockpile.

3. **Dike.**
   Construct upstream and downstream dikes to isolate the work area. Construct dikes using one or more of the following materials:
   - Sandbags;
   - Sheet piles;
   - Soil wrapped with Geosynthetic Type R1;
   - Water filled bladder;
   - Impermeable containers; or
   - Prefabricated dams.

4. **Work Area Dewatering.**
   Operate the dewatering system within the work area to prevent any change in the water quality of the water body. Before beginning dewatering of the work area, provide an inlet control system that limits sediment from entering the system and provide a stabilized discharge from the dewatering system.

   Inlet control systems may include:
   - Surface skimmers;
   - Aggregate filled perforated containers; or
   - Inlet filter sock.

   Stabilized discharges may include:
   - Dewatering basin;

- Sediment bag; or
- Filtering through vegetation.

Design and operate the discharge so that there is no visible sediment plume present in the water body and the discharge causes no additional erosion or sediment.

Do not discharge water directly into the water body or the diversion.

5. Culvert Installation.

a. General.
Provide positive drainage from the upstream to downstream ends of the culvert and install energy dissipation measures at culvert outlets.

b. Culvert Through Existing Structure.
Install pipes through the existing structure.

Construction may include using the following steps:
(1) Install a temporary culvert through the structure.
(2) Anchor and seal the installed pipes at the upstream impervious dike.
(3) Extend the installed pipes through the downstream impervious dike.

c. Culvert Diversion.
Install a temporary pipe crossing under the roadway near the existing structure.

6. Channels.
Construct channels with side slopes that are 2:1 or flatter with a channel bottom of sufficient width. Cover disturbed slopes and channel bottom with a channel liner of Geosynthetic Material, Type R1.

Overlap splices and joints of the channel liner installed where water could flow at least 36 inches.

Secure the liner using methods that will ensure that the liner will not be disturbed by the design flows shown in Appendix A. Potential methods of securing the liner may include:

- Staples;
- Pins;
- Sandbags; or
- Riprap.

Patch damaged areas of channel liner. Place a patch that overlaps the damaged area by 36 inches on all sides. Secure the patch with pins or staples.

Install fiber rolls or silt fence along the top of the channel to prevent any sediment or debris from entering the channel.

Connect the downstream end of the channel before connecting the upstream end of the channel to the existing water body.

7. Diversion Pumping.
Place an inlet control system at pump inlets. An inlet control system may include:

- Surface skimmers;
- Aggregate filled perforated containers; or
- Inlet filter sock.

Route the discharge hose through the structure or work area.

Design and operate the discharge so that no visible sediment plume is present in the water body and so the discharge causes no additional erosion of the water body.

C. Diversion Removal.

1. General.
Do not begin removal of the temporary diversion until the construction activities relating to the structure are complete and all permanent erosion and sediment control devices are in place. Remove the diversion in a manner that prevents soil/water interaction.

Remove all materials used to construct the diversion.

Restore the area affected by the temporary diversion to the same condition that existed before construction.

2. Downstream Dike.
Remove the downstream dike first. Stabilize the areas above the waterline where the downstream dike was located.

3. Upstream Dike.

a. General.
Remove the upstream dike to restore normal flow through the structure before removal of any devices used to create the diversion.

Stabilize the areas above the waterline where the upstream dike was located.

b. Suspended Pipe.
Remove the suspended pipe at the same time as removing the upstream dike.

c. Channel and Pipe Diversion.
Remove the upstream dike and construct a dike to prevent water from entering the channel or pipe diversion.

4. Pipe.
Remove pipe after the stream has been restored to normal flow.

5. Channel.
Backfill temporary channels outside of the roadway embankment as specified in Section 203.04 G.3, “Compaction Control, Type B”. When backfilling roadway embankment areas, benching of slopes will be required as specified in Section 203.04 G.1, “General”.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Pay Item	Pay Unit
Temporary Stream Diversion	Each

The Engineer will pay for the stream diversion according to Table 1.

Table 1

Work Completed	Percent of Contract Unit Price
Stream Diversion Installed	75
Restoration of the Diversion	25

Include the cost for installation, maintenance, and removal of erosion control devices used in conjunction with the stream diversion in the contract unit price for “Temporary Stream Diversion”. Section 4, “Basis of Payment” in SSP 1 does not apply to erosion control devices used in conjunction with stream diversions.

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

Appendix A

2 Year 24 Hour Flow

Station	Structure Number	Existing Structure Type	Min Discharge (cfs)
12306+32.15	0032-233.066	SPP	324.3
12380+70.46	0032-234.484	SPP	233.9
12421+94.36	0032-235.265	SPP	189.5
12481+06.42	0032-236.386	SPP	234.8

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

RAILROAD REQUIREMENTS DNRR Leases from BNSF

Project: 6-032(075)230, PCN: 23896

DESCRIPTION

This Special Provision and attachments replace the requirements of Section 107.13 “Railroad Provisions” and outlines the Contractor’s coordination requirements with Dakota Northern Railroad (DNRR). It is the prime contractor’s responsibility to ensure subcontractor compliance with the requirements.

A. Details of the project and the work in the Railroad Right of Way and around the crossing(s):

Project Location: Walhalla To State Line

Crossing 1:

At Grade Crossing: 082219B, Milepost: 0047.87, Line Segment: 0251, which is a crossing Operated by DNRR and Owned by BNSF.

Work includes: Improvements include a 3-inch mill and 3-inch asphalt overlay of ND 32 up to crossing. Work also consists of grading and installation of new sidewalk, PROWAG-ADA compliant pedestrian railroad crossing, curb ramps, and updating existing pavement markings and signing and other various items.

CONTRACTOR RESPONSIBILITIES

A. General.

Upon execution of the construction contract with the Department, the Contractor must coordinate with DNRR’s Manager of Operations and both Field Representatives a minimum of 2 weeks prior to commencing work activities for the roadway.

JASON BIERWERTH
Manager of Operations
Minnesota Northern Railroad
Dakota Northern Railroad
St. Croix Valley Railroad
701-741-6086
Email: mnnjb@kbninc.net

MARTIN ANDERSON
Field Representative
Email: mnnma@kbninc.net

ENRIQUES (RICK) SCHEHR
Field Representative
Email: eschehr@kbninc.net

At a minimum, in email to the RR Company include:

- PCN & Project Number
- Crossing Number(s), Milepost(s), and Segment(s) Locations
- What work is occurring around the crossing(s)
- Anticipated dates you will start and end work.

Submit copies of all correspondence and submittals (Certificate of Insurance, etc) with DNRR to the Engineer within one business day of receipt.

Project delays incurred by the Contractor based on DNRR enforcing its authority will be considered a non-excusable delay as specified in Section 108.06 B.6, “Non-Excusable Delays”. Any other delays incurred by the Contractor arising from this provision or the exhibits will be evaluated by the Engineer as either excusable, non-compensable; excusable, compensable; or non-excusable based on the circumstances of the specific delay.

Payments required by the Contractor to DNRR for train delays or damage to the railway property shall be borne by the Contractor and are not reimbursable by the Department to the Contractor.

B. Railroad Flagging

Flagging and permits will not be required for this project. DNRR will post a bulletin for the train crews so they're aware of the work being done by contractor.

Contact DNRR Manager of Operations for bulletin issuance 14 days prior to work being performed.

C. Railroad Protective Liability Insurance.

This project crosses the DNRR at the above crossing location.

Direct inquiries regarding protective liability insurance to:

JASON BIERWERTH
Manager of Operations
Minnesota Northern Railroad
Dakota Northern Railroad
St. Croix Valley Railroad
701-741-6086
Email: mnnjb@kbninc.net

Contractor to provide a copy of the Certificate of Insurance to DNRR prior to starting work. Contact DNRR to find required insurance coverage amounts.

Obtain information regarding crossing number from the Federal Railroad Administration website: http://safetydata.fra.dot.gov/Officeofsafety/

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

A. Railroad Protective Liability Insurance.

Include the cost of railroad insurance in the contract unit price for "**RAILWAY PROTECTION INSURANCE – COMPANY A**". Upon receiving proof of approval of the policies, the Department will pay the Contractor the lump sum contract unit price.

B. Railroad Coordination.

Coordination costs to be included in the price bid for other items.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

STRUCTURAL AND CHANNEL EXCAVATION FOUNDATION FILL AND PREPARATION

PROJECT 6-032(075)230 – PCN 23896

DESCRIPTION

Replace Section 210 Structural and Channel Excavation, Foundation Fill and Preparation of the 2024 Standard Specifications with the attached information.

ATTACHMENTS

Section 210 “Structural and Channel Excavation, Foundation Fill and Preparation”.

Authored By: NDDOT ETS

SECTION 210
STRUCTURAL AND CHANNEL EXCAVATION, FOUNDATION FILL AND PREPARATION

210.01 DESCRIPTION

A. Structural Excavation.

1. **Class 1:** Class 1 excavation will be defined in the plans.

2. **Class 2:** Class 2 excavation will be defined in the plans.

3. **Box Culvert Excavation:** Excavation and ordinary backfill required for installation of box culverts.

B. Channel Excavation.
Channel excavation will be designated on the plans and includes excavation necessary to place riprap or aggregate cushions and to flatten and shape slopes around abutment locations.

210.02 EQUIPMENT
Reserved.

210.03 MATERIALS

A. Ordinary Backfill.
Use approved material from the excavation. Use borrow material as specified in Section 203.04 D, “Borrow Excavation” if additional material is required.

B. Foundation Fill.
Use CL 3 or CL 5 aggregate as specified in Section 816, “Aggregates”.

C. Box Culvert Foundation Aggregate.
Provide material that meets the following requirements:

Sieve Size or Testing Method	Box Culvert Foundation Aggregate
2 inch	100
1.5 inch	80-100
3/8 inch	20-60
No. 10	0-10
ND T 113, Shale (max %)	12%
AASHTO T 96, L.A. Abrasion (max %)	40%
NDDOT 4, Fractured Faces (min %)[1]	75%

[1]Minimum weight percentage allowable for the portion of the aggregate retained on a No. 4 sieve having at least 1 fractured face

210.04 CONSTRUCTION REQUIREMENTS

A. Excavation.

1. General.
Perform excavation so that concrete is placed in a dry area free of water.

If excavation has been performed to the specified elevation and unsuitable material is encountered, remove the unsuitable material and place foundation fill to the specified elevation.

Dispose of unsuitable excavated material as specified in Section 107.17, “Removed Material”.

2. Class 1 and 2 Excavation.
If footings are to be placed on an excavated surface and the excavated surface is disturbed, scarify the area, and compact the material using a mechanical tamper. Perform final preparations of the foundation bed just before placing concrete.

When foundation piles are specified, the bottom of the excavation may be extended below the footing to allow for heaving. Perform the extended excavation and place additional required backfill at no additional expense to the Department.

Use all suitable excavated material for backfilling in areas where ordinary backfill is specified. Dispose of remaining suitable excavation as specified in Section 107.17, “Removed Material”.

3. Box Culvert Excavation.
If excavation has been performed to the specified elevation and the engineer determines that the material is unsuitable to build on, remove the unsuitable material and replace with Box Culvert Foundation Aggregate. The Engineer will determine the depth of the excavation. Do not excavate below the depth of the cutoff wall.

Dispose of unsuitable excavated material as specified in Section 107.17, “Removed Material”.

Include the cost of additional excavation in the price bid for “Box Culvert Excavation”.

B. Backfill.

1. General.
Place backfill material in an area free of water using tamping equipment that will not cause a wedging action of the material against the structure.

Place backfill material after the concrete has reached 70 percent of its design strength. Place backfill material around box culverts after the roof has reached 70 percent of its design strength.

If a wall depends on a superstructure for support, release the falsework before placing backfill material.

When placing of backfill material is required on only one side of a structure, compact backfill material without placing excessive pressure on the structure.

Place fill adjacent to a bridge abutment no higher than the berm elevation in front of the abutment until the superstructure is in place.

If foundation fill is not specified, backfill using ordinary backfill.

2. **Ordinary Backfill.**
   Place ordinary backfill in layers not exceeding 6 inches of compacted material. Compact material according to 203.04.G.2, “Compaction Control Type A”.

3. **Foundation Fill.**
   Place foundation fill in layers not exceeding 6 inches. Compact material to at least 90 percent of the maximum dry density with a moisture content not less than 2.0 percentage points below optimum moisture and no more than 3.0 percentage points above the optimum moisture. The Engineer will determine the maximum dry density and optimum moisture content as specified in ND T 180.

4. **Box Culvert Foundation Aggregate.**
   Place the box culvert foundation drainage aggregate in lifts not exceeding 6” of compacted material. Compact the material until the surface is tightly bound, shows no rutting, and no displacement during the compaction operation. Compact material over geosynthetic geogrid as specified in Section 709.04 C, “Geosynthetic Geogrid (Type G)”.

   Place the geosynthetic material directly on the bottom of the excavation below the Box Culvert Foundation Aggregate.

5. **Bedding.**
   For cast-in-place (CIP) box culverts, provide a 2 inch thickness of uncompacted and screedable sand material under the CIP box culvert for a leveling course. Include the cost for bedding in the contract bid items for Section 602, “Concrete Structures”.

C. Foundation Preparation.
Perform all work necessary to properly stage and maintain a site for construction of a structure. Construct and remove temporary features necessary to facilitate construction of the structure. Backfill the site as specified in the plans and Section 210.04 B, “Backfill”. Dispose of excess and waste materials as specified in Section 107.17, “Removed Material”.

210.05 METHOD OF MEASUREMENT

The Engineer will measure as specified in Section 109.01, “Measurement of Quantities” and as follows:

A. Foundation Fill.
The Engineer will measure foundation fill completed and in place. The Engineer will not measure beyond the excavation limits for payment.

B. Box Culvert Foundation Aggregate.
The Engineer will measure box culvert foundation aggregate completed and in place.

C. Channel Excavation.
The Engineer will not measure beyond the excavation limits for payment.

210.06 BASIS OF PAYMENT

Pay Item	Pay Unit
Channel Excavation	Lump Sum, Cubic Yard
Class __ Excavation	Lump Sum, Cubic Yard
Foundation Preparation	Lump Sum, Each
Foundation Fill	Ton, Cubic Yard
Box Culvert Foundation Aggregate	Cubic Yard

Include dewatering of the construction site in the contract unit price for “Foundation Preparation”.

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

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

RAILROAD REQUIREMENTS BNSF Lease to DNRR

Project: 6-032(075)230, PCN: 23896

DESCRIPTION

This Special Provision replaces the requirements of Section 107.13 "Railroad Provisions" and outlines the Contractor's coordination requirements with Burlington Northern Santa Fe Railway Company (BNSF). Portions of the Special Provision may apply to both the prime contractor and subcontractors. It is the prime contractor's responsibility to ensure subcontractor compliance with these requirements.

A. Details of the project and the work in the Railroad Right of Way and around the crossing(s):

Project Location: Walhalla To State Line

Crossing 1:

At Grade Crossing: 082219B, Milepost: 0047.87, Line Segment: 0251, which is a crossing Operated by DNRR and Owned by BNSF.

Work includes: Improvements include a 3-inch mill and 3-inch asphalt overlay of ND 32 up to crossing. Work also consists of grading and installation of new sidewalk, PROWAG-ADA compliant pedestrian railroad crossing, curb ramps, and updating existing pavement markings and signing and other various items.

ATTACHMENTS

CONSTRUCTION AND MAINTENANCE AGREEMENT Project No. SS-6-032(075)230, PCN 23896 ND 32 – Walhalla, ND – NDDOT Contract Number 20261128, BNSF Contract No. BF-20637633

CONTRACTOR RESPONSIBILITIES

A. General.

Upon execution of the construction contract with the Department, the Contractor must coordinate with BNSF and execute the Requirements of the CONSTRUCTION AND MAINTENANCE AGREEMENT Project No. SS-6-032(075)230, PCN 23896 ND 32 – Walhalla, ND (CMA); including but not limited to the C&C1 Agreement included prior to commencing work activities for the roadway as outlined in the CMA.

To obtain the Contractor's Right to Enter Agreement found in the CMA, the Contractor must coordinate with BNSF's Permit Manager, JLL (Julie.alexander@am.jll.com) and the people as outlined in the CMA. The agreement will not be fully executed until BNSF's Permit Manager, JLL, has returned the signed agreement.

In addition, the Contractor must send an email to at:
Alexis Jones, BNSF Manager of Public Projects; MN, ND, SD, Manatoba
Email: alexis.jones@bnsf.com
Phone: (901) 495-3778

At a minimum, in email to BNSF Manager of Public Projects include:
- PCN & Project Number
- Crossing Number(s), Milepost(s), and Segment(s) Locations
- What work is occurring around the crossing(s)
- Anticipated dates you will start and end work.

Submit copies of all correspondence with BNSF or JLL to the Engineer within one business day of receipt.

The Contractor must coordinate with the Engineer to arrange for a preconstruction meeting with NDDOT, BNSF and the Contractor.

Project delays incurred by the Contractor based on BNSF enforcing its authority in CMA will be considered a non-excusable delay as specified in Section 108.06 B.6, “Non-Excusable Delays”. Any other delays incurred by the Contractor arising from this provision or the exhibits will be evaluated by the Engineer as either excusable, non-compensable; excusable, compensable; or non-excusable based on the circumstances of the specific delay.

Payments required by the Contractor to BNSF for train delays or damage to the railway property shall be borne by the Contractor and are not reimbursable by the Department to the Contractor.

Any damage to railway facilities resulting from Contractor's operations will be repaired or replaced by Railway and the cost of such repairs or replacement must be paid for by the NDDOT. If the Department incurs costs from the railroad in the manner, the Department will recoup these costs from the Contractor.

B. Railroad Flagging.

Flagging at this crossing will be through the Operating railroad – Dakota Northern. See SP 482(25) Railroad Requirements for DNRR Leases From BNSF for details and additional requirements from Dakota Northern.

C. Railroad Protective Liability Insurance.

This project crosses the BNSF Railway Company at the above crossing location(s). Direct inquiries regarding protective liability insurance and coverage amounts to:

Rosa Martinez Marsh USA Inc.
4400 Comerica Bank Tower 1717 Main Street
Dallas, TX 75201-7357, USA
214-303-8519
Rosa.M.Martinez@marsh.com

Contractor to provide a copy of the Certificate of Insurance prior to starting work.
Obtain information regarding crossing from the Federal Railroad Administration website: http://safetydata.fra.dot.gov/Officeofsafety/

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

A. Railroad Protective Liability Insurance.
Include the cost of railroad insurance in the contract unit price for "**RAILWAY PROTECTION INSURANCE - COMPANY B**". Upon receiving proof of approval of the policies by the railroad company, the Department will pay the Contractor the lump sum contract unit price.

B. Railroad Coordination.
Include all other costs associated with coordination with BNSF as well as compliance with the contents of this Special Provision and attachments in the contract unit price for "**RAILROAD COORDINATION – COMPANY B**". The Department will pay for one-half of this item upon receipt of a copy of an executed CMA and the remaining half upon completion of the project.

Project: 6-032(075)230, PCN: 23896

CONSTRUCTION AND MAINTENANCE AGREEMENT Project No. SS-6-032(075)230, PCN 23896 ND 32 – Walhalla, ND – NDDOT Contract Number 20261128, BNSF Contract No. BF-20637633

Authored By: NDDOT Design Division

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

BNSF Contract No. BF-20637633

North Dakota Department of Transportation

CONSTRUCTION AND MAINTENANCE AGREEMENT

Project No. SS-6-032(075)230**, PCN** 23896
ND 32 – Walhalla, ND

This agreement is between the state of North Dakota, acting by and through its Director of Transportation, hereinafter referred to as "NDDOT" or "Agency", whose address is 608 East Boulevard Avenue, Bismarck, North Dakota 58505-0700, and BNSF Railway Company, hereinafter referred to as the "Railroad" or "BNSF", whose address is 80 - 44th Avenue NE, Minneapolis, Minnesota 55421.

WITNESSETH:

WHEREAS, NDDOT is planning roadway improvements to ND 32 between Walhalla and the Stateline – Walhalla, ND, hereafter referred to as the "Project", which encounters an at-grade crossing designated by DOT #082219B is a crossing operated by Dakota Northern Railroad and the Property is owned by BNSF. The Crossing is located at Milepost 47.87 on Line Segment 251.

Improvements include a 3-inch mill and 3-inch asphalt overlay of ND 32. Work also consists of grading and installation of new sidewalk, PROWAG-ADA compliant pedestrian railroad crossing, curb ramps, and updating existing pavement markings.

The Project is as indicated on the plans located in Exhibit A, attached hereto and incorporated herein; and

WHEREAS, in connection with the roadway construction, NDDOT will require new temporary construction easements on the Railroad's right-of-way to roadway construction; and

WHEREAS, NDDOT will require a permanent easement on the Railroad's right-of-way for roadway construction, maintenance and use; and

WHEREAS, the NDDOT is paying for the acquisition and installation of crossing signal equipment and the new crossing surface at Hwy 32 (DOT # 082219B) with State and Federal funds pursuant to 23 U.S.C. § 130; and

WHEREAS, the parties desire the Project to be constructed in accordance with plans and specifications to be prepared by NDDOT; and

WHEREAS, NDDOT will undertake the construction of said Project, using federal funds, the Railroad will accept the execution of NDDOT's Project upon the terms and conditions herein stated, and

NOW, THEREFORE, in consideration of the premises and the mutual dependent promises hereafter contained, the parties agree as follows:

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I.

The Railroad, by signature of this agreement, accepts the proposed roadway plans as shown on Exhibit "A", attached hereto and made a part hereof. The Railroad shall grant to NDDOT by separate instrument, and at a price and location to be agreed upon between the parties a permanent easement for construction and maintenance of the new roadway as shown on said Exhibit A. The form of the permanent easement is attached as Exhibit "H" and made a part hereof.

II.

NDDOT shall submit to Railroad prior to the commencement of any work, plans and specifications of the work to be done on Railroad's right-of-way. No work shall be commenced on Railroad's right-of-way before a written notice to proceed is given by Railroad's Manager Public Projects, to NDDOT.

Nothing provided in this agreement with respect to plans and specifications shall be construed or deemed to be a ratification, approval or an adoption by Railroad of plans and specifications.

III.

NDDOT (by its contractors, each a "Contractor") and Railroad shall perform the various items of work to the satisfaction of the Railroad and in accordance with the plans and specifications as agreed to by Railroad and NDDOT:

A. WORK TO BE PERFORMED BY NDDOT OR ITS CONTRACTOR AT THE EXPENSE OF NDDOT.

1. Except as provided by this agreement, furnish all plans, engineering supervision (including construction surveying), labor, materials, supplies, and equipment necessary to complete the Project.

2. Design and construction of ND 32 minor rehabilitation project consists of a 3-inch mill and 3-inch asphalt overlay of ND 32. Work also consists of grading and installation of new sidewalk, PROWAG-ADA compliant pedestrian railroad crossing, and curb ramps shown on the plans in Exhibit A.

3. Installation of pavement markings in accordance with the Manual on Uniform Traffic Control Devices (hereinafter called, "MUTCD").

4. Installation of advance warning signs in accordance with the MUTCD.

5. Installation of emergency pedestrian escape route in accordance with the MUTCD.

6. Perform all necessary grading and paving, including backfill of excavations and restoration of disturbed vegetation on BNSF's right-of-way.

7. Provide suitable drainage, both temporary and permanent.

8. Provide all barricades, lights, flaggers or traffic control devices necessary for preventing vehicular traffic from using a portion of the Crossing, during the installation of the concrete crossing surfaces, and also during the installation of the Crossing Signal Equipment.

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9. Jobsite cleanup including removal of all construction materials, concrete debris, surplus soil, refuse, contaminated soils, asphalt debris, litter and other waste materials to the sole satisfaction of BNSF.

10. Perform all other work, not specifically mentioned as work to be performed by the Railroad, necessary to complete the Project in accordance with the plans and specifications.

11. Coordinate all work with the Railroad's Roadmaster and Manager, Public Projects. Phone number and contact information are provided in the plans.

12. NDDOT will cause its Contractors to comply with Railroad safety and other requirements as specified in Exhibits C and C-1, all of which are incorporated herein. All NDDOT Contractors must execute Exhibit C-1 before commencing any work on BNSF property.

13. NDDOT must complete its portion of the work described in this Section III(A) on or before (24) months following the date of this agreement.

B. WORK TO BE PERFORMED BY RAILROAD

BNSF does not have any activates to be performed for this project.

DNRR will complete the following:

1. DNRR will remove 32-feet of spur stub track and ties to allow for construction of sidewalk as shown in Exhibit A.

2. DNRR will install 8-foot HiRail full depth rubber surface for all 3 tracks complete with 24 inside rubber panels and 48 field rubber panels. DNRR will install 24 new ties and surface and cut in new rails to remove joints within the crossings.

IV.

All work to be done by NDDOT or its Contractor on Railroad's right-of-way or in the vicinity of Railroad's tracks shall be done in a manner satisfactory to Railroad and shall be performed at such a time and in such manner as not to interfere with the movement of trains or traffic upon the tracks of Railroad. NDDOT will require its Contractor to use all care and precaution necessary to avoid accident or damage to, or interference with, Railroad's tracks or trains, and to notify Railroad's Roadmaster and Manager, Public Projects at least 30 days in advance whenever the Contractor is about to perform work on or adjacent to Railroad's right of way and tracks to enable Railroad, the NDDOT or its Contractor to furnish flagging and such other protective services and devices as in Railroad's judgment may be necessary to ensure safety of Railroad operation. Wherever safeguarding of trains or traffic of Railroad is mentioned in this agreement, it is intended to cover and include all users of Railroad's tracks having permission for such use.

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NDDOT will reimburse Railroad directly for all actual costs incurred for flagging and other protective services/devices furnished, including taxes, such as applicable sales and use taxes, business and occupation taxes, and similar taxes. Bills for flagging and other protective services and devices ascertained in accordance with the provisions of 23 CFR 646-B and 23 CFR 140-1 and other pertinent instructions issued by the Federal Highway Administration, Department of Transportation, will be submitted by Railroad to NDDOT.

BNSF agrees to observe and comply, and to require any of its contractors or subcontractors to observe and comply with Federal laws attached in Exhibit "E", to the extent such laws may apply to work to be performed by BNSF under this agreement. Where compliance is not applicable none of BNSF, its contractors or subcontractors will be required to comply with such requirements.

Railroad will submit complete billing for flagging and other protective services and devices within one hundred twenty (120) days after completion of the Project. NDDOT will review all billings and pay all accepted billings within 90 days from the date the billing is received by the NDDOT.

V.

BNSF is not doing any construction at the crossing. The construction is being performed by DNRR.

The construction occurring at the crossing will be performed by DNRR. DNRR will give NDDOT notice in advance of awarding any contracts for any of the work to be performed by Railroad hereunder in excess of $70,000. NDDOT may request an audit of any Railroad invoice for which Railroad has incurred expenses and is seeking reimbursement within three (3) years of the date of such invoice. Railroad shall reasonably cooperate with all such audit requests timely made.

VI.

In addition to any rights and remedies that Railroad may have directly against the Contractor under Exhibits C and C-1, NDDOT shall require that should the Contractor in any way interfere with Railroad operations or damage property during construction operations over Railroad's tracks and right-of-way, the Contractor shall stop its work to allow the Railroad to investigate and make necessary repairs at Contractor's sole cost and expense. No work will proceed until authorized in writing by the Railroad.

VII. (Intentionally Deleted.)

VIII.

The Railroad agrees to observe and comply with all applicable laws; provided, however, that nothing in this agreement is intended to waive, nor shall it waive, the preemptive effect of Federal law as to Railroad.

IX.

Upon completion of the items of work, NDDOT shall require its Contractor to leave the Railroad right-of-way in a condition satisfactory to the Railroad.

X.

Upon completion of the Project, the Railroad reserves the right to make such ballast raises to its existing and future tracks and further reserves the right to make changes or additions to its facilities within the limit of the crossing, all as it may deem necessary in its sole judgment. In the event any changes in, or additions to the tracks or other facilities of the Railroad, NDDOT, or City are made in the future, the usefulness of the crossing shall not be impaired.

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In addition to the terms and conditions set forth elsewhere in this agreement, BNSF and the NDDOT agree to the following terms upon completion of construction of the Project:

a. NDDOT will own and be fully responsible for repairs, maintenance, future construction or reconstruction of ND 32.

b. DNRR will remove the asphalt roadway approaches in the event that railroad maintenance needs to occur at the crossing. DNRR will place aggregate as temporary surfacing in place of the asphalt roadway approaches. NDDOT will remove the temporary surfacing and replace the asphalt roadway approaches after railroad maintenance has been completed.

c. NDDOT will maintain the elevation of ND 32 to match the elevation on the Railroad track crossing surfaces and to be no more than three (3) inches above or six (6) inches below top-of-rail elevation at a distance measured thirty (30) feet from the nearest rail.

d. NDDOT will do nothing and permit nothing to be done in the maintenance of ND 32, which will interfere with or endanger facilities of BNSF.

e. It is expressly understood by NDDOT and BNSF that any right to install utilities will be governed by a separate permit or license agreement between the parties hereto.

The parties mutually agree that neither construction activities for the Project, nor future maintenance of the crossing once completed, will be permitted during the fourth quarter of each calendar year, unless approved in advance in writing by Railroad. Emergency work will be permitted only upon prior notification to BNSF's Network Operations Center (telephone number: 800-832-5452). The parties hereto mutually understand and agree that trains cannot be subjected to delay during this time period.

XI.

In addition to and consistent with its obligations under Article X above, NDDOT shall own, maintain, repair, and reconstruct, as necessary and at its own expense, the roadway and other improvements as described herein; excluding rail, ballast, ties and the Railroad crossing surface; provided, however, that any such reconstruction must be performed by a Contractor and not by NDDOT's own forces. NDDOT agrees that as to any maintenance, repair or reconstruction, it will comply with the following:

A. Cause its Contractor to comply with Exhibit C and to execute Exhibit C-1 with Railroad.

B. Require its Contractor to carry regular contractor's public liability and property damage insurance as then specified by NDDOT Spec. 107.14 or any subsequent NDDOT specification for limits equal to those then required of public contractors performing work under contract with NDDOT.

C. Reimburse the Railroad for all actual costs and expenses related to the maintenance or reconstruction of the roadway and other improvements incurred by the Railroad in connection with such maintenance, repair, or reconstruction.

D. Agency with its own personnel may perform the following routine maintenance without providing advance notice to BNSF or coordinating with BNSF's Public Projects group; however, Agency shall comply with BNSF's applicable rules and regulations in performing any of such items.

- Routine snow and ice control

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- Roadway and shared-use path cleaning and crack/joint sealing
- Maintain drainage facilities such as cleanout pipes or inlets

Should Agency wish to perform other maintenance or repair activities not listed above with its own personnel, Agency understands an additional agreement may be necessary and will coordinate with BNSF's Manager, Public Projects.

XII.

If the roadway ceases to be used for roadway purposes, then NDDOT shall notify the Railroad of such abandonment, and at NDDOT's expense, remove the roadway located upon the property of the Railroad, except and unless it is mutually agreed, within 120 days following NDDOT's notification of abandonment, that portions of the roadway are to be left in place. Removal from and cleaning up of the Railroad's property shall be done to the satisfaction of the Railroad.

XIII.

This agreement shall supersede any and all other agreements, arrangements, or understandings between the signatory jurisdictions covering, in whole or in part, any of the matters covered in this agreement.

SIGNATURE PAGE FOLLOWS

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

XVI.

This agreement shall be for the benefit of and be binding upon the parties hereto, their successors, and assigns.

EXECUTED the date last below signed.

WITNESS:

Alexis Jones
NAME (TYPE OR PRINT)

Alexis Jones
SIGNATURE

BNSF RAILWAY COMPANY

Richard Scott
OFFICER'S NAME (TYPE OR PRINT)

Richard Scott
SIGNATURE

Assistant Director Public Projects
TITLE

07/15/26
DATE

Executed, the date last signed below:

WITNESS:

Monique Hollands
NAME (TYPE OR PRINT)

Monique Hollands
SIGNATURE

DAKOTA NORTHERN RAILROAD

Jason Bierwerth
OPERATIONS MANAGER (TYPE OR PRINT)

SIGNATURE

07/10/26
DATE

Executed by the North Dakota Department of Transportation, the date last signed below:

WITNESS:

Laureen M. Martin
NAME (TYPE OR PRINT)

Laureen M. Martin
SIGNATURE

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

Matt Linneman
DIRECTOR (TYPE OR PRINT)

Matt Linneman
SIGNATURE

07/16/26
DATE

APPROVED AS TO SUBSTANCE BY:

Kirk Hoff
DESIGN ENGINEER (TYPE OR PRINT)

Kirk Hoff
SIGNATURE

07/15/26
DATE

ATTORNEY GENERAL
APPROVED as to Execution

Clint Morgenstern
Date: 07/15/26
Special Asst. Attorney General

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

EXHIBIT A

PLANS

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

DESIGN DATA - Walhalla (RP 230.655 to RP 232.085 (105th St NE))				
Traffic	Average Daily			
Current 2024	Pass: 1,630	Trucks: 165	Total: 1,795	
Forecast 2044	Pass: 2,105	Trucks: 215	Total: 2,320	

DESIGN DATA - Walhalla to Canadian Border (RP 232.085 to RP 236.674)				
Traffic	Average Daily			
Current 2024	Pass: 200	Trucks: 95	Total: 295	
Forecast 2044	Pass: 260	Trucks: 125	Total: 385	

Clear Zone Distance: 20'	Design Speed: 25, 45, & 65 mph
Minimum Sight Dist. for Stopping: 645'	Bridges: NA
Sight Dist. for No Passing Zone: 1,100'	
Pavement Design Life 20 (years)	
Design Accumulated One-way Flexible ESALs: 675,211	

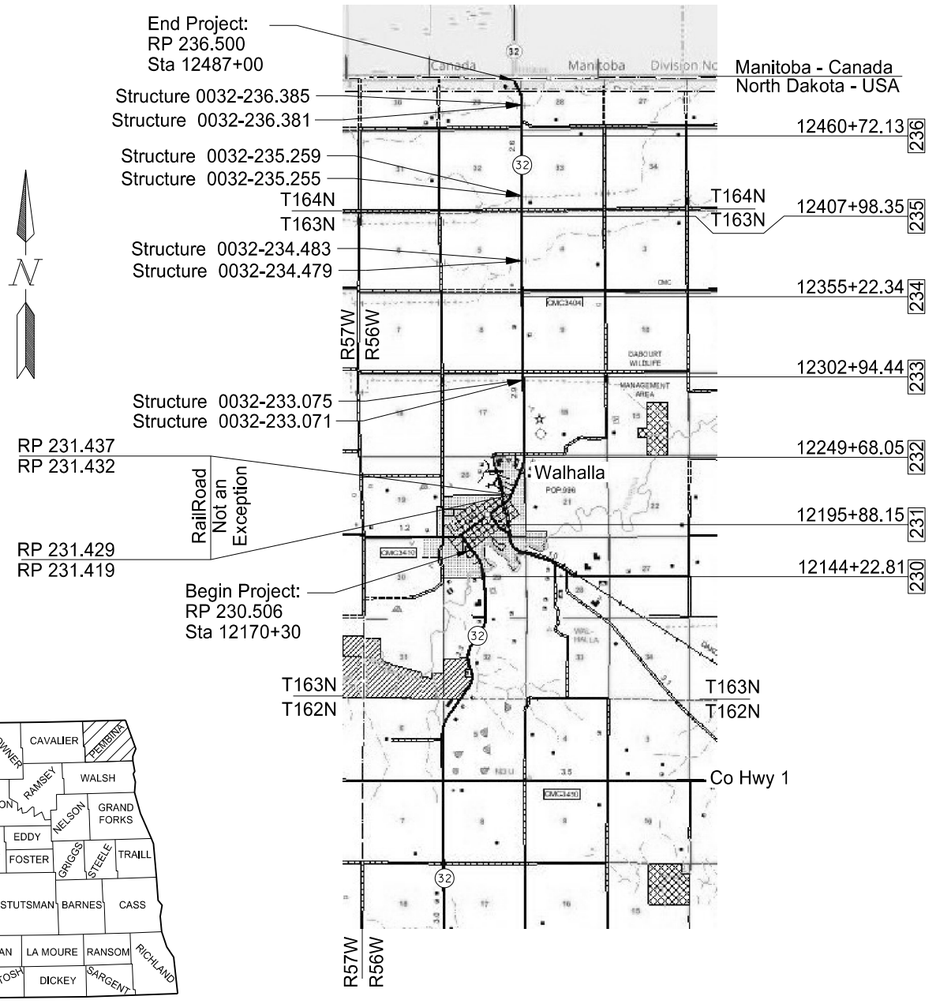
STATE	PROJECT NO.	PCN	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	23896	1	1

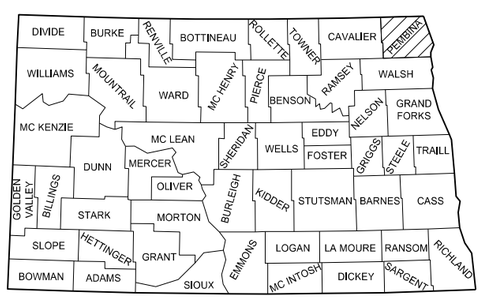
NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

SS-6-032(075)230
Pembina County
ND 32 - Walhalla North to Canadian Line
Mill, HMA, Sidewalk, Structures

GOVERNING SPECIFICATIONS	Date Published and Adopted by the North Dakota Department of Transportation
Standard Specifications	7/1/2025
Supplemental Specifications	NONE

PROJECT NUMBER \ DESCRIPTION	NET MILES	GROSS MILES
SS-6-032(075)230	6.000	6.000





STATE COUNTY MAP

DESIGNER
Travis Miller
DESIGNER
DESIGNER

ND DEPARTMENT OF TRANSPORTATION
OFFICE OF PROJECT DEVELOPMENT

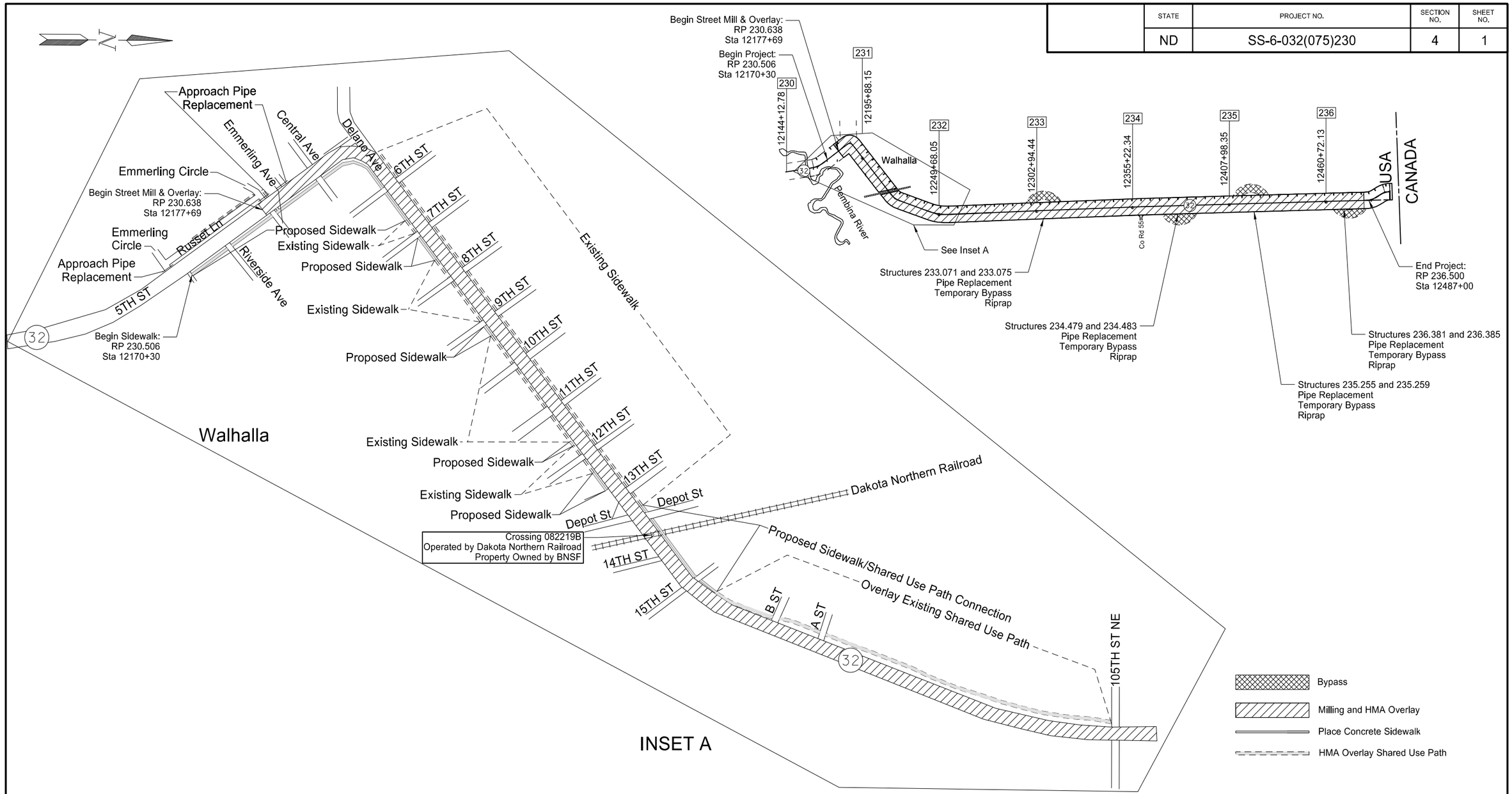
DESIGN DIVISION

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	4	1



Scope of Work

Mill, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	6	1

NOTES

GENERAL NOTES

100-P01 COORDINATION: Notify the port of entry contact 2 weeks prior to beginning work on the project and provide a proposed schedule. Provide updates as the schedule changes.

Port of Entry contact Information:
Phil Baker
Walhalla Port of Entry
701-549-3233

100-P02 NOISE RESTRICTION: Contact the City of Walhalla prior to bidding the job to discuss the city's noise ordinance. Any work done after 11 PM and/or before 8 AM requires prior approval by the City of Walhalla and a copy of the written approval provided to the project engineer prior to work being done during that timeframe.

202-P01 REMOVAL OF TEMPORARY BYPASS: Remove each temporary bypass after ND 32 has been re-opened to traffic at that location. Remove in a manner that prevents soil/water interaction. Restore the area affected by the temporary bypass in accordance with this plan set. Removal of Temporary Bypass includes the removal of all aggregate and embankment material, Pipe Conduit, Riprap, and Geosynthetic Material Type R1.

203-P01 TEMPORARY BYPASS SEQUENCING: Construct the temporary bypass in the following sequence:

1. Strip topsoil from areas outside wetlands where the temporary bypass will be constructed. Stockpile topsoil or borrow on NDDOT right of way only (not on the temporary construction easements.)
2. Construct temporary bypass starting at the shoulder of ND 32 and approach the stream from both sides. Place soil wrapped with Geosynthetic Material Type R1 fabric to prevent soil/water interaction in wetlands and stream bed.
3. Install temporary culverts on top of fabric to provide positive drainage from the upstream to the downstream ends of the culverts. Install culvert 4" below existing streambed elevation, if more than one culvert is installed only one of them needs to be set 4" below the existing stream bed.
4. Construct temporary bypass across stream and culverts, minimizing streambed and streambank impacts to the extent practical.
5. Place riprap on the temporary bypass embankment to elevations 1 foot above the top of the temporary pipes both upstream and downstream. Install straw mulch on the temporary bypass above the water line upstream and downstream. Maintain and protect the bypass until it has been removed.

Remove temporary erosion control items, culverts, and temporary bypass while minimizing the streambed and streambank impacts to the extent practical.

Restore impacted areas to original contours.

262-P01 SILT CURTAIN: Adjust first silt curtain for installation of riprap, if needed.

411-P01 MILLING: Three concrete slabs have previously been overlaid in the city of Walhalla. Mill the HMA overlay off the concrete slabs at the following locations:
Intersection of Hwy 32 & 8th St – 20' x 20',
Intersection of Hwy 32 & 9th St – 5' x 25',
Intersection of Hwy 32 & 10th St – 5' x 25'.

A concrete slab also exists between 7th St & 8th St on Hwy 32. It is located at Sta 12195+00 and is 10' x 15'. Mill off the top 2" of concrete from this slab. The Engineer will measure and pay for milling the concrete slab as "Milling Pavement Surface".

Mill the HMA around all four concrete slabs to accommodate the proposed 3" HMA overlay and provide a continuous smooth riding surface.

411-P02 MILLED MATERIAL: Haul any milled material from the "urban" section (Sta 12177+69 to Sta 12227+80) not used in the production of the Recycled HMA to a location within or near the City of Walhalla, as designated by the Engineer. Haul all other remaining milled material to the stockpile site at the northeast quadrant of the south junction of ND 66 and ND 32. Include all costs for labor and equipment to mill, haul, and stockpile the material in the unit price bid for "Milling Pavement Surface."

430-P01 SHARED USE PATH REPAIR: Sawcut the existing HMA shared use path transversely to form straight ends for the repair. The length of the repair will be approximately 25 feet. The repair location is Sta 12250+37 Lt to Sta 12250+62.

Remove the existing HMA from the repair limits, reshape, recompact, and prime the aggregate. Place 3 inches of HMA to match the top of the proposed 2 inch HMA overlay placed on the adjacent shared use path for a smooth transition between the overlay and the repair. Include the cost for saw cutting and removal of the existing HMA and reshaping and recompacting the aggregate in the price bid for the "Removal of Bituminous Surfacing." Prime coat for the repair area will be measured and paid as "Tack Coat."

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	6	3

NOTES

750-P01 SIDEWALK CONCRETE**:** Sidewalk concrete is for the installation of ADA ramps and sidewalks at the locations shown on the plans.

Place No 3 deformed reinforcing bars, that are 6” shorter than the width of the slab, 24” on center both longitudinally and transversely in all new sidewalk and sidewalk replacement areas. Place the bars at one-half the depth of the slab using plastic chairs.

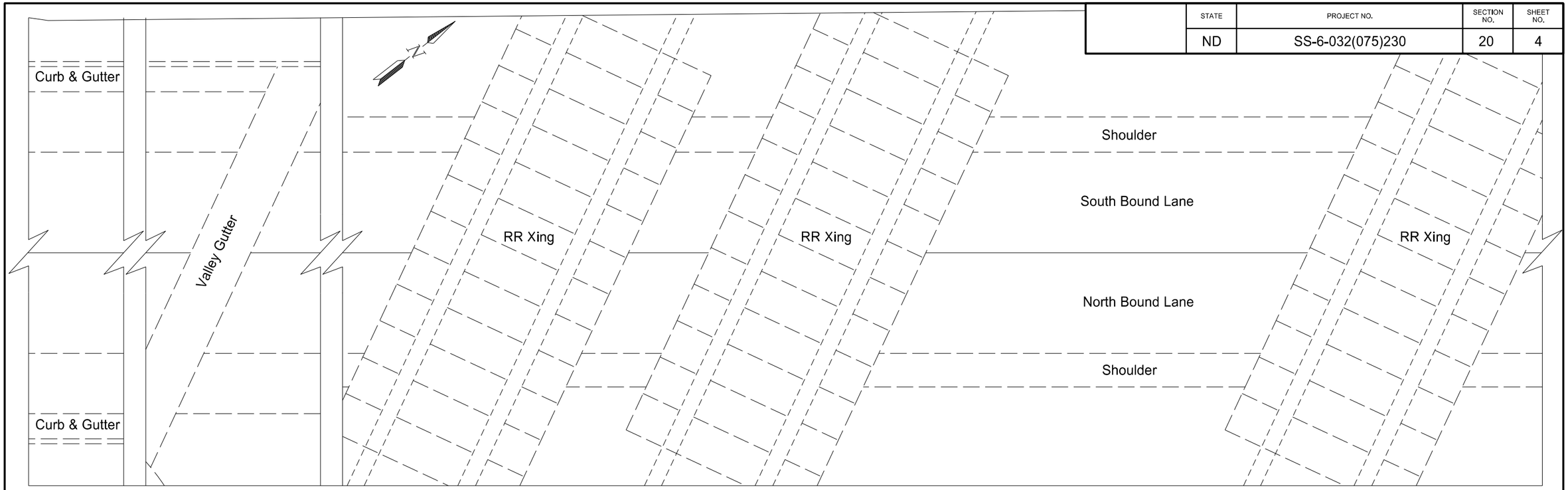
Place one-half-inch expansion joints at intervals not to exceed three hundred (300) feet. Saw all contraction joints in a timely manner to prevent uncontrolled random cracking. If random cracking occurs, remove and replace all damaged panels at your expense.

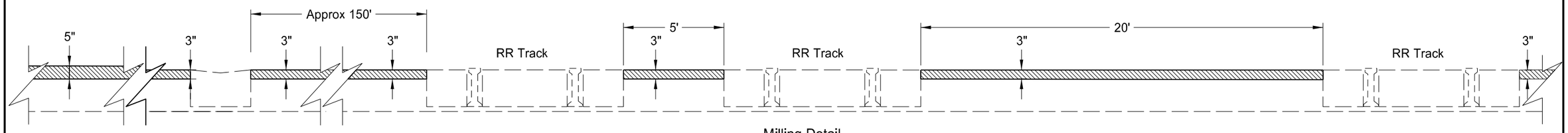
This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

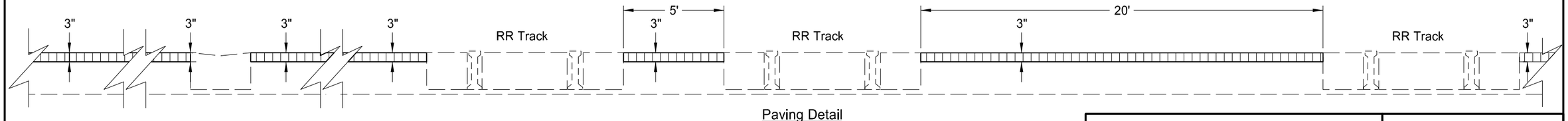
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	20	4





Milling Detail
Milling Consists of a Constant 3" Depth
RP 231.417 to 231.437



Paving Detail
Paving Consists of a Constant 3" Depth
RP 231.417 to 231.437

SPEC	CODE	BID ITEM	QUANTITY	UNIT
401	0050	TACK COAT	44	Gal
411	0100	MILLING PAVEMENT SURFACE	146	Ton
430	0143	RAP - SUPERPAVE FAA 43	146	Ton
430	5818	PG 58H-34 ASPHALT CEMENT	6.3	Ton

Milling
HMA

Milling and Paving at Vehicle Railroad Crossings

Mill, HMA, Sidewalk, Structures

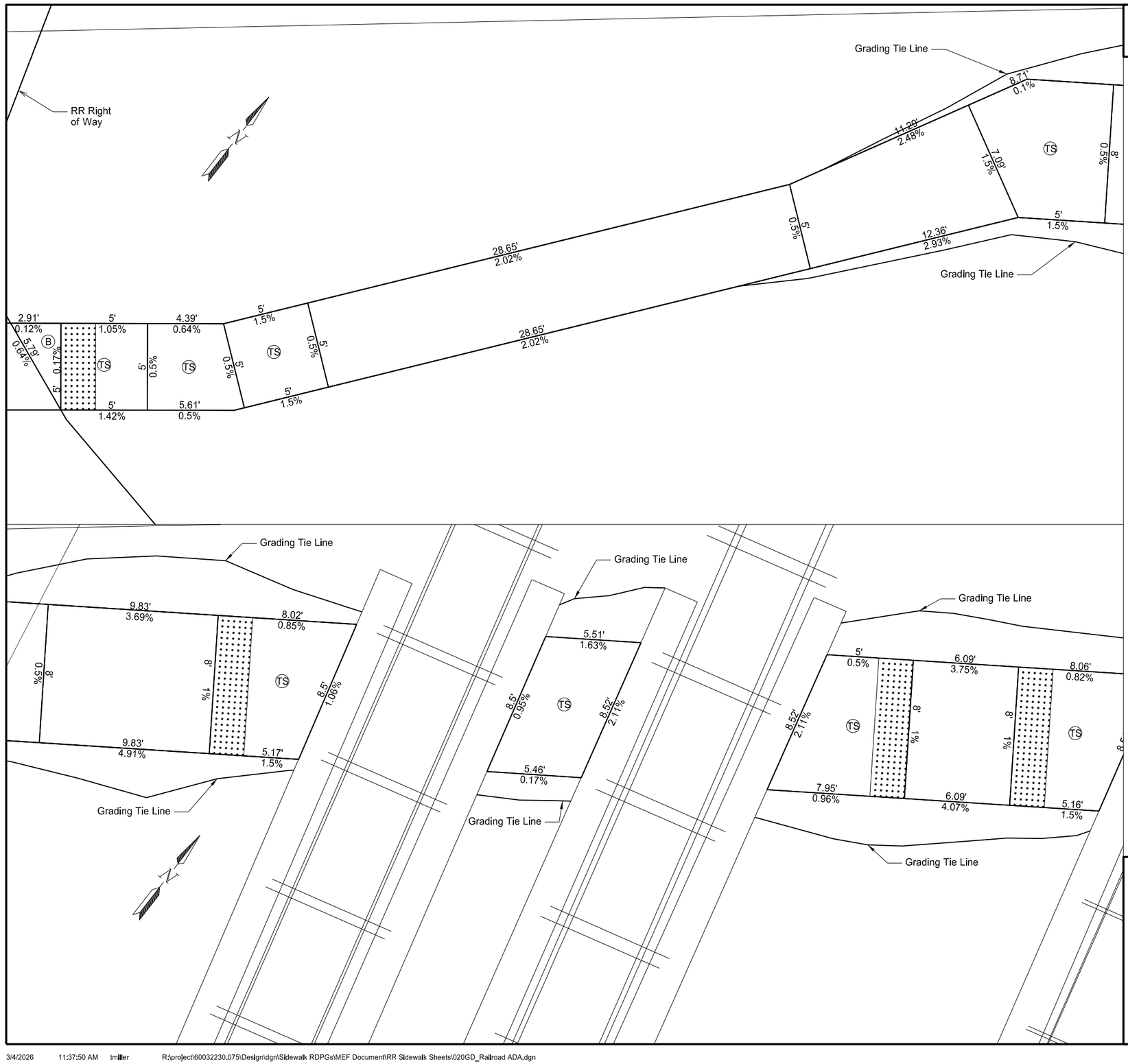
ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	20	



: Detectable Warning Panel.

: Landscaping.

: 4' long x width of EPF or 4' minimum
Clear space outside traffic lanes of travel.
1.5% preferred cross slope
2% maximum cross slope
4.7% preferred running and counter slope
5% maximum running and counter slope

TS : Turning Space
Use at top of ramp or when changing directions.
1.5% preferred slope (2% maximum) all directions.

R : Preferred Ramp Grade = 5% to 7.5%.
Maximum Constructed Grade = 8.3%.
Preferred Cross Slope = 1.5%.
Maximum Constructed Cross Slope = 2%.

B : 1.5% preferred cross slope
2% maximum constructed cross slope
running slope consistent with the EPF
4.7% preferred max counter slope
5.0% max constructed counter slope

10 : 10:1 maximum constructed slope.

4 : 4:1 maximum constructed slope.

General Details
ADA Improvements

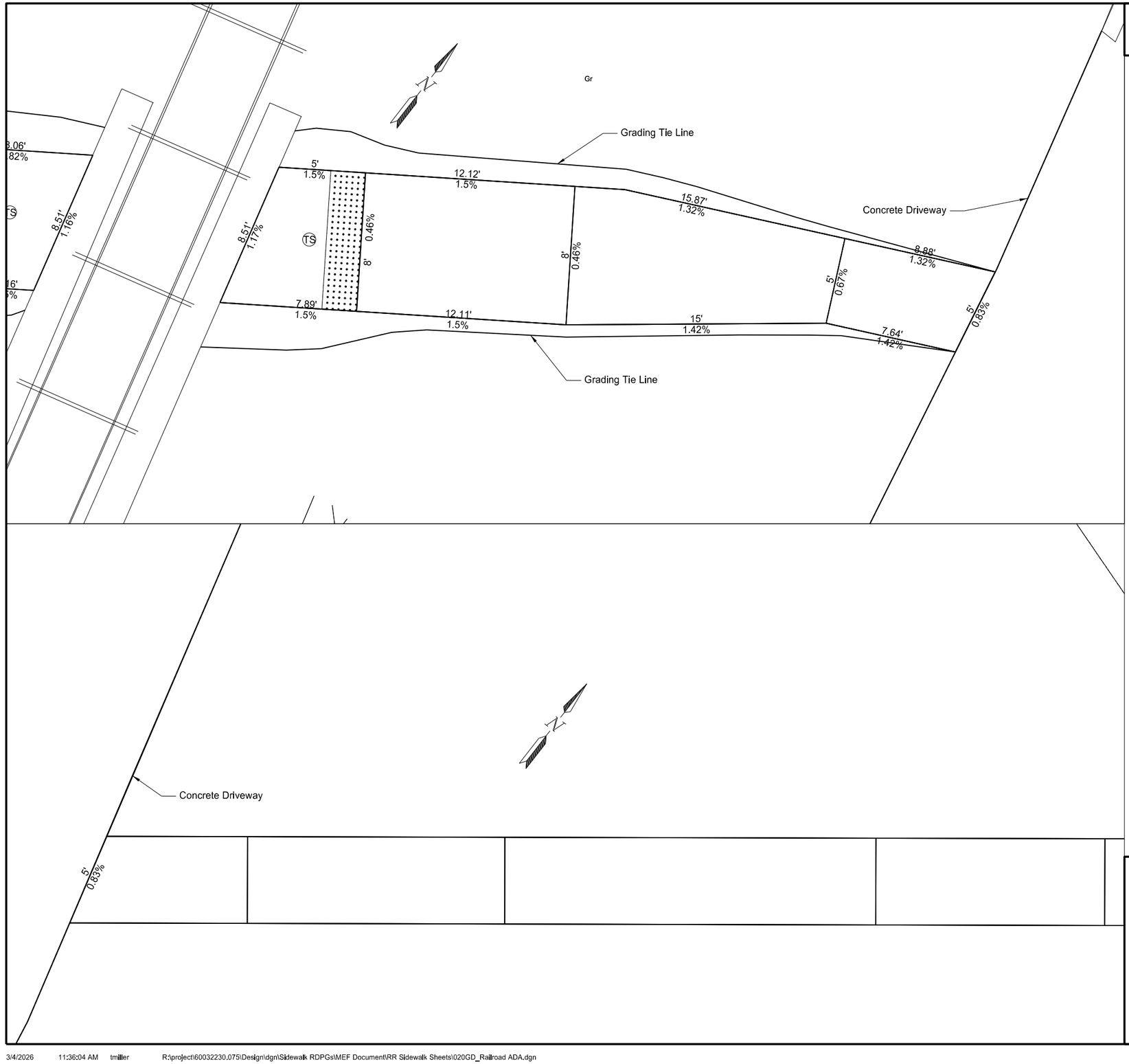
Mill, HMA, Sidewalk, Reinforced Concrete Box

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	20	

: Detectable Warning Panel.

: Landscaping.

: 4' long x width of EPF or 4' minimum
Clear space outside traffic lanes of travel.
1.5% preferred cross slope
2% maximum cross slope
4.7% preferred running and counter slope
5% maximum running and counter slope

TS : Turning Space
Use at top of ramp or when changing directions.
1.5% preferred slope (2% maximum) all directions.

R : Preferred Ramp Grade = 5% to 7.5%.
Maximum Constructed Grade = 8.3%.
Preferred Cross Slope = 1.5%.
Maximum Constructed Cross Slope = 2%.

B : 1.5% preferred cross slope
2% maximum constructed cross slope
running slope consistent with the EPF
4.7% preferred max counter slope
5.0% max constructed counter slope

10 : 10:1 maximum constructed slope.

4 : 4:1 maximum constructed slope.

General Details
ADA Improvements

Mill, HMA, Sidewalk, Reinforced Concrete Box

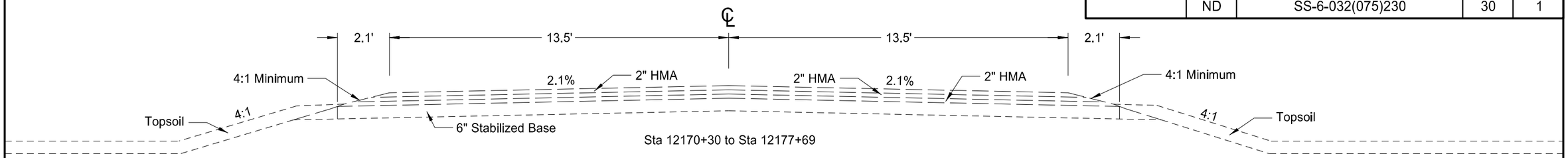
ND 32 - Walhalla North to Canadian Line

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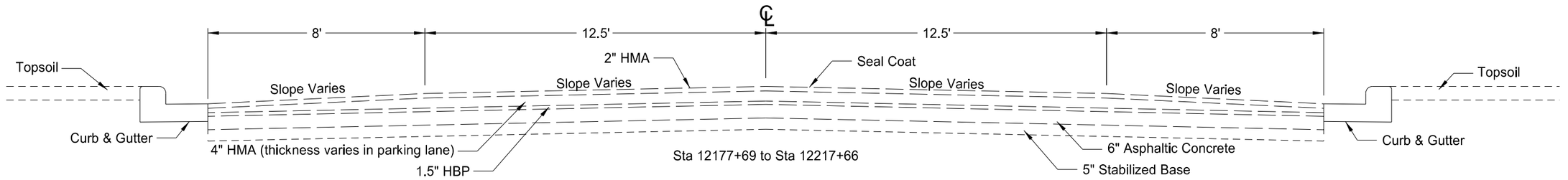
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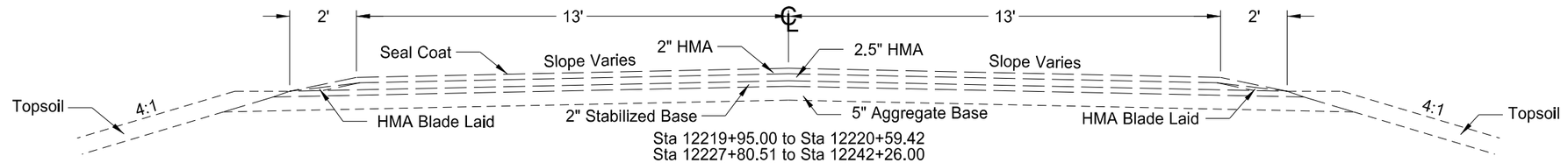
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	ND	SS-6-032(075)230	30	1



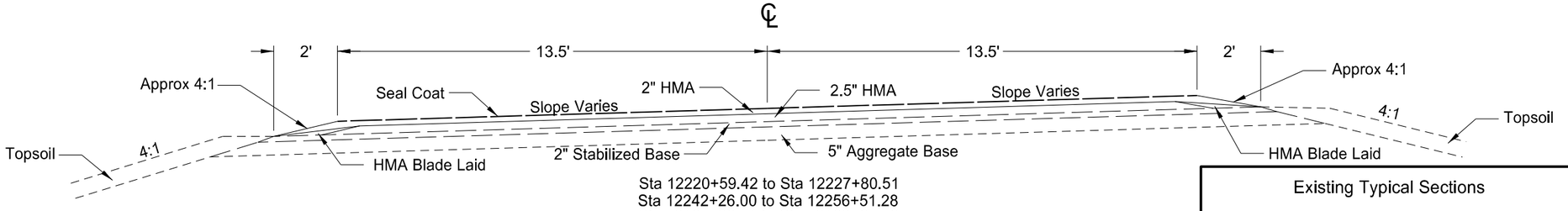
Sta 12170+30 to Sta 12177+69



Sta 12177+69 to Sta 12217+66



Sta 12219+95.00 to Sta 12220+59.42
Sta 12227+80.51 to Sta 12242+26.00
Sta 12256+51.28 to Sta 12481+38.54



Sta 12220+59.42 to Sta 12227+80.51
Sta 12242+26.00 to Sta 12256+51.28
Sta 12481+38.54 to Sta 12489+67.76

Existing Typical Sections

Mill, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

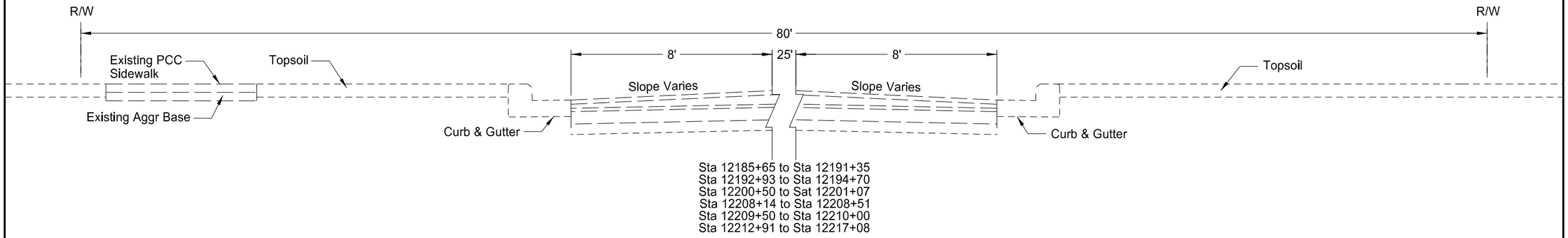
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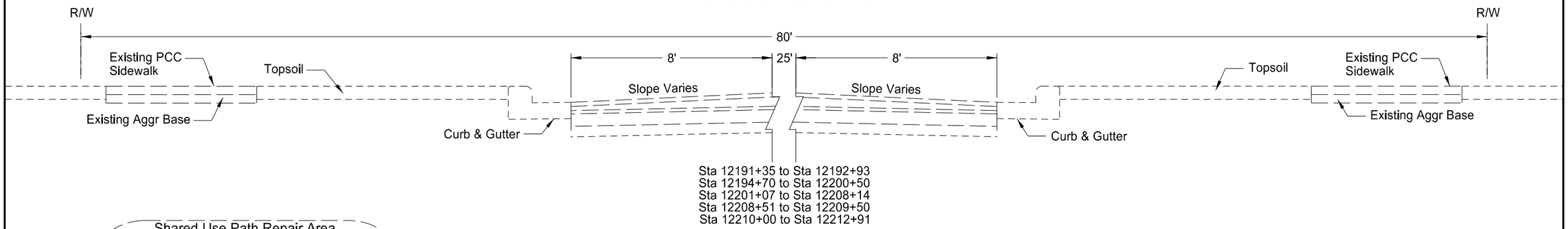
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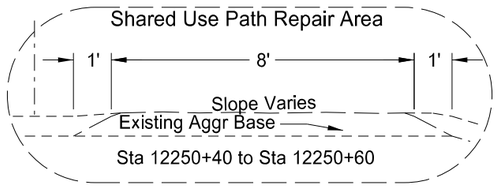
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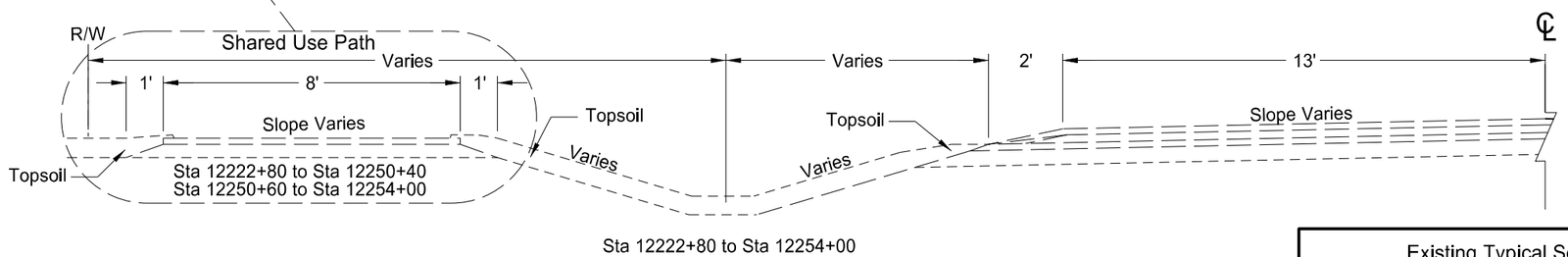
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ND	SS-6-032(075)230	30	2

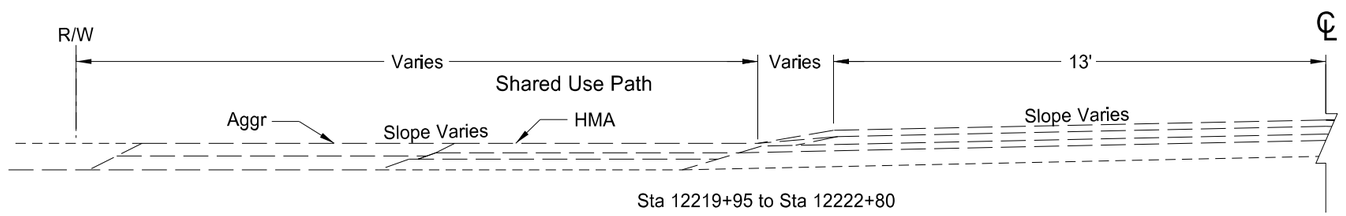
NOTE: There is no existing sidewalk within the right of way
from Sta 12177+69 Rt to Sta 12185+65 Rt or
from Sta 12217+08 Rt to Sta 12217+66 Rt.











Existing Typical Sections
Sidewalk and Shared Use Path

Mill, HMA, Sidewalk, Structures

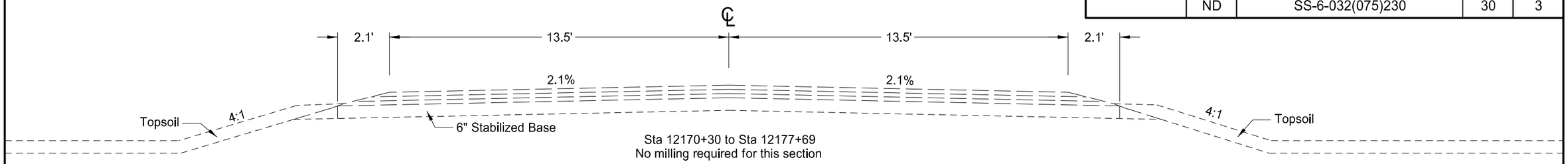
ND 32 - Walhalla North to Canadian Line

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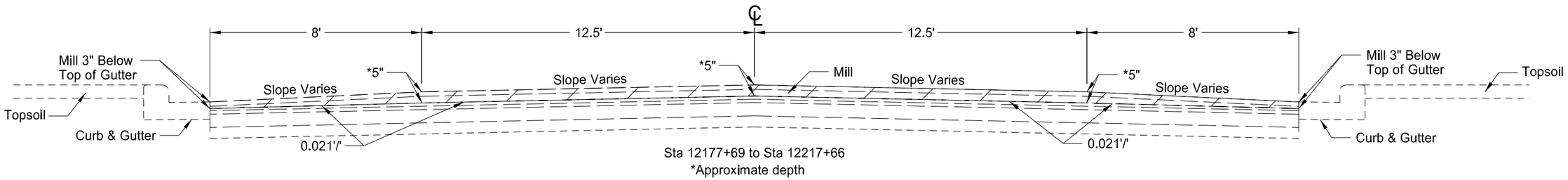
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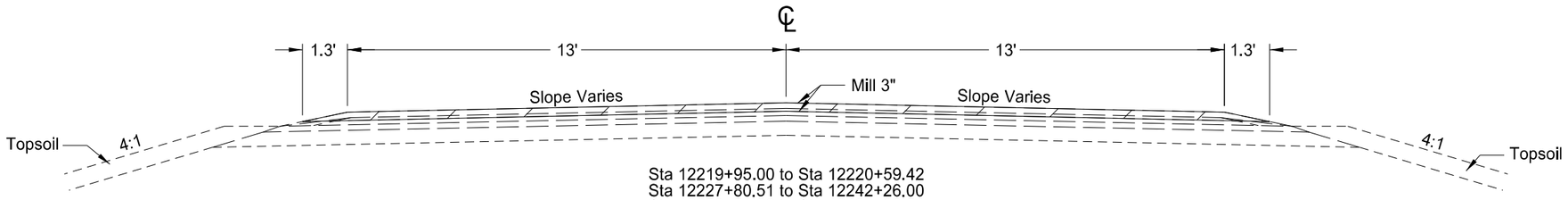
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	ND	SS-6-032(075)230	30	3



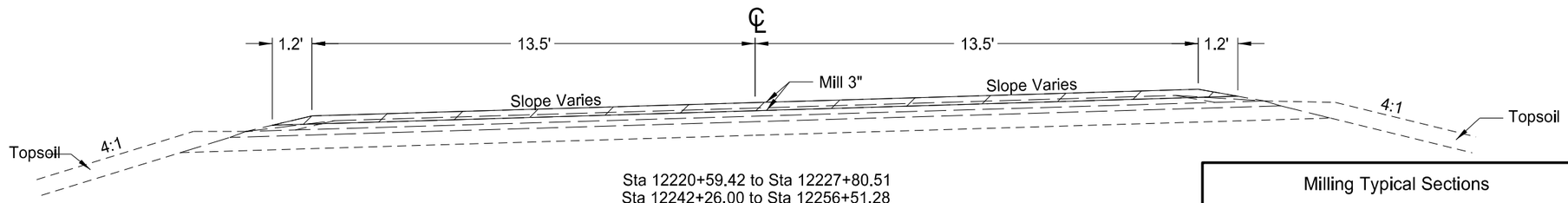
Sta 12170+30 to Sta 12177+69
No milling required for this section



Sta 12177+69 to Sta 12217+66
*Approximate depth



Sta 12219+95.00 to Sta 12220+59.42
Sta 12227+80.51 to Sta 12242+26.00
Sta 12256+51.28 to Sta 12481+38.54



Sta 12220+59.42 to Sta 12227+80.51
Sta 12242+26.00 to Sta 12256+51.28
Sta 12481+38.54 to Sta 12489+67.76

Milling Typical Sections

Mill, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

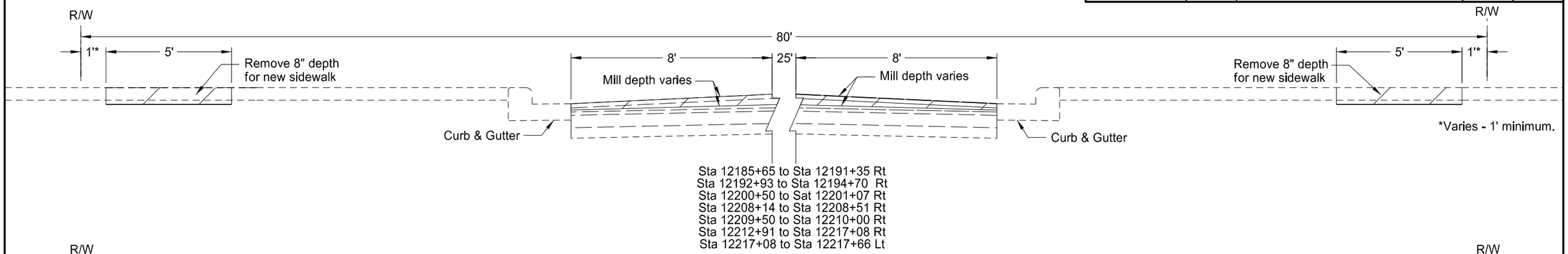
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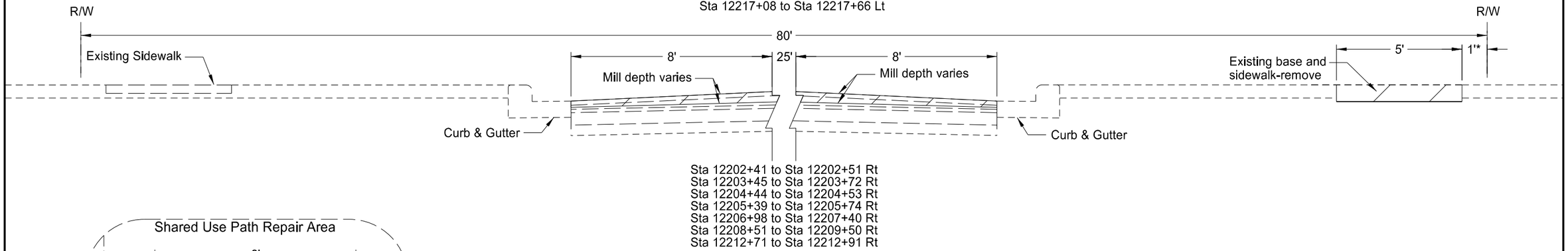
PRELIMINARY

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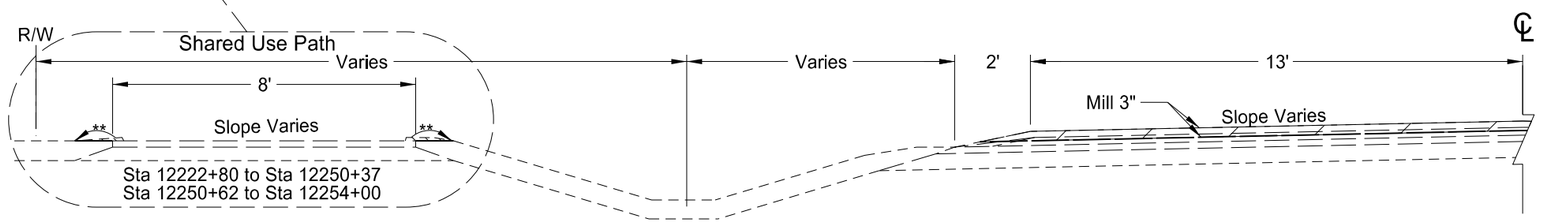
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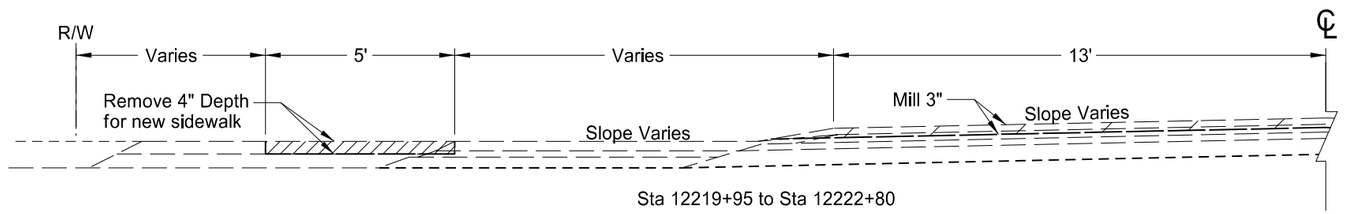






**Blade excess topsoil back from edge of trail.

Sta 12222+80 to Sta 12254+00



Milling/Removal Typical Sections
Sidewalk and Shared Use Path

Mill, HMA, Sidewalk, Structures

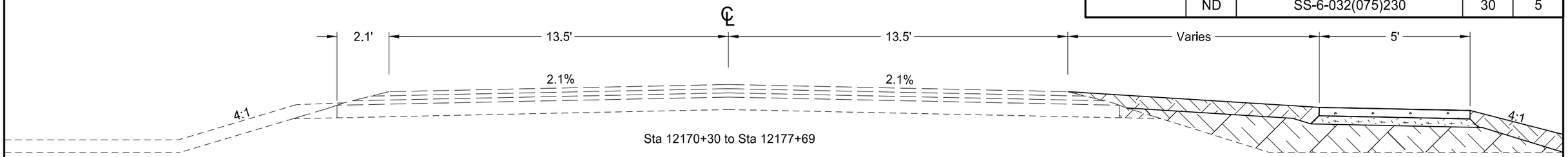
ND 32 - Walhalla North to Canadian Line

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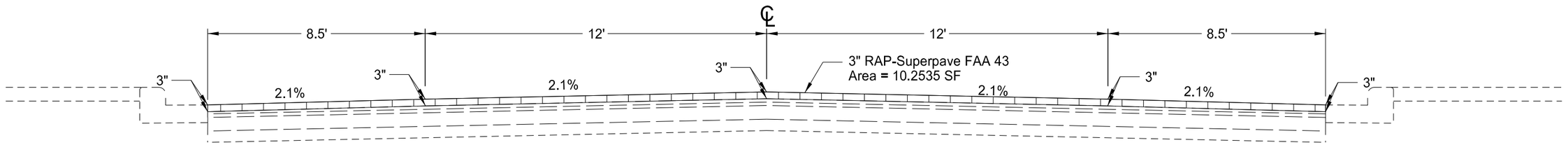
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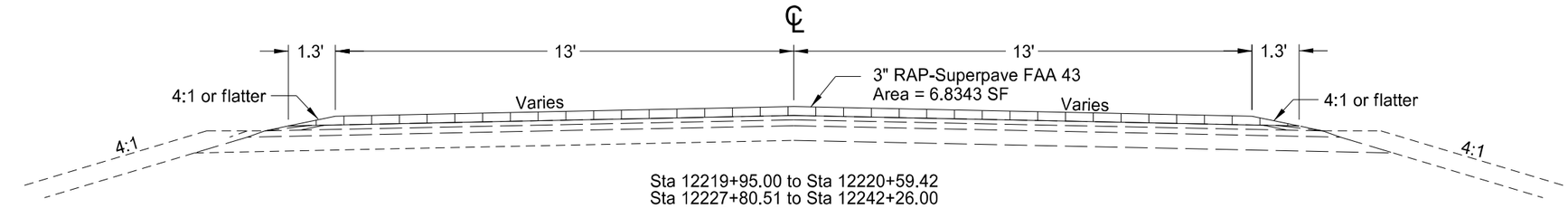
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	ND	SS-6-032(075)230	30	5



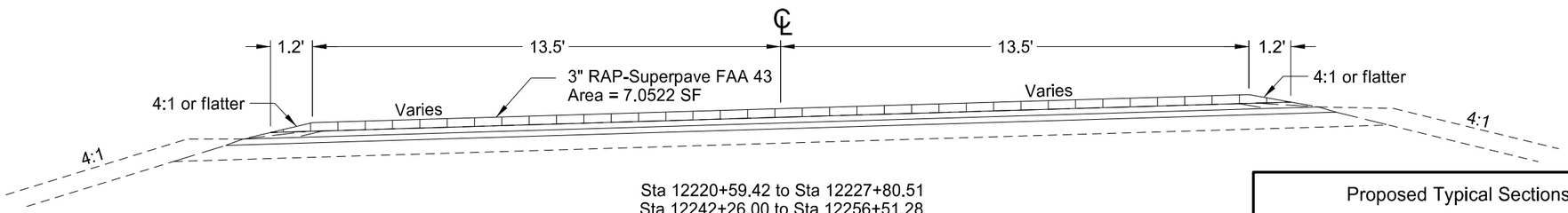
Sta 12170+30 to Sta 12177+69



Sta 12177+69 to Sta 12217+66



Sta 12219+95.00 to Sta 12220+59.42
Sta 12227+80.51 to Sta 12242+26.00
Sta 12256+51.28 to Sta 12481+38.54



Sta 12220+59.42 to Sta 12227+80.51
Sta 12242+26.00 to Sta 12256+51.28
Sta 12481+38.54 to Sta 12489+67.76

Proposed Typical Sections

Mill, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

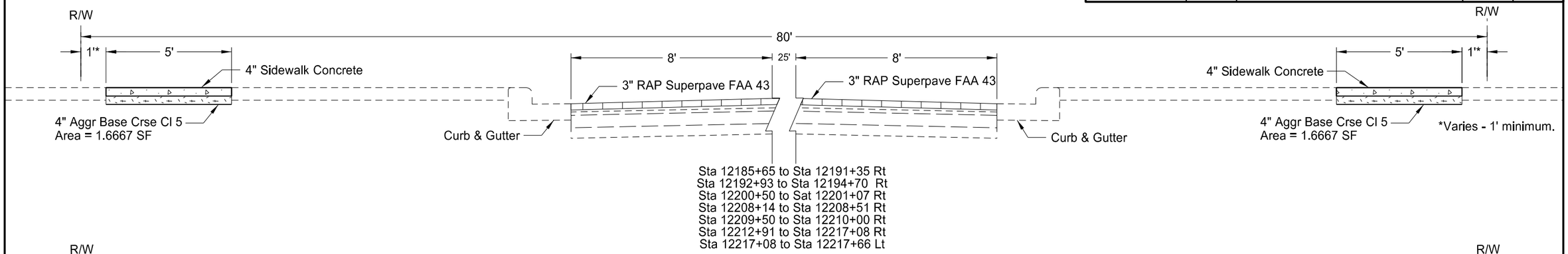
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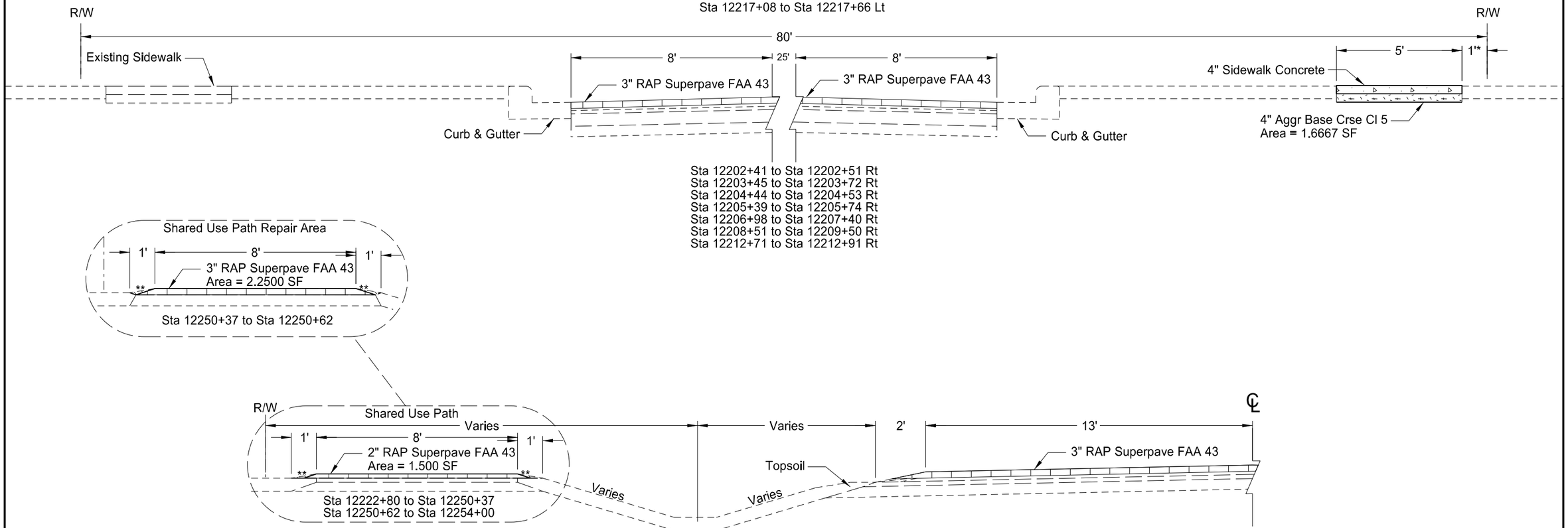
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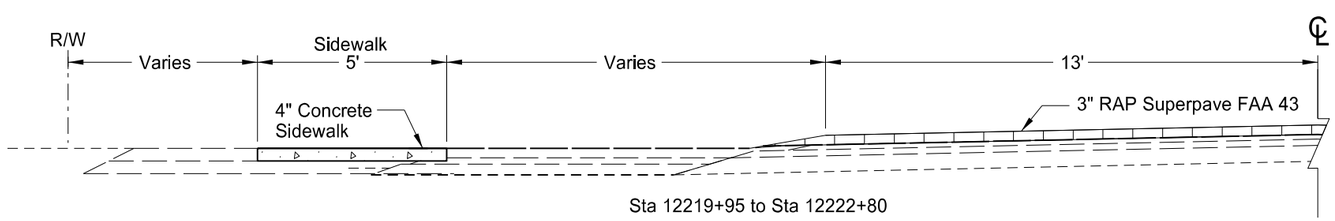
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	30	6





**Blade topsoil back against edge of trail.

Sta 12222+80 to Sta 12254+00



Sta 12219+95 to Sta 12222+80

Proposed Typical Sections
Sidewalk and Shared Use Path

Mill, HMA, Sidewalk, Structures

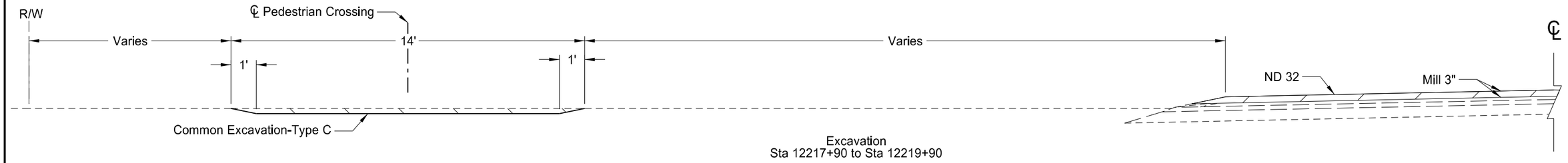
ND 32 - Walhalla North to Canadian Line

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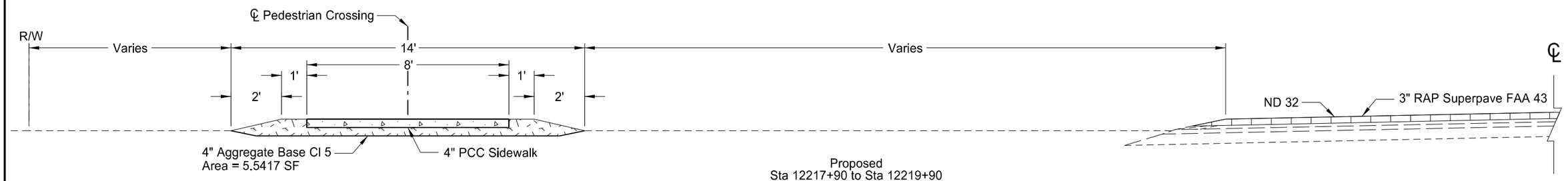
PRELIMINARY

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	30	7



Excavation
Sta 12217+90 to Sta 12219+90



Proposed
Sta 12217+90 to Sta 12219+90

Excavation and Proposed Typical Sections
Pedestrian Railroad Crossing

Mill, HMA, Sidewalk, Structures

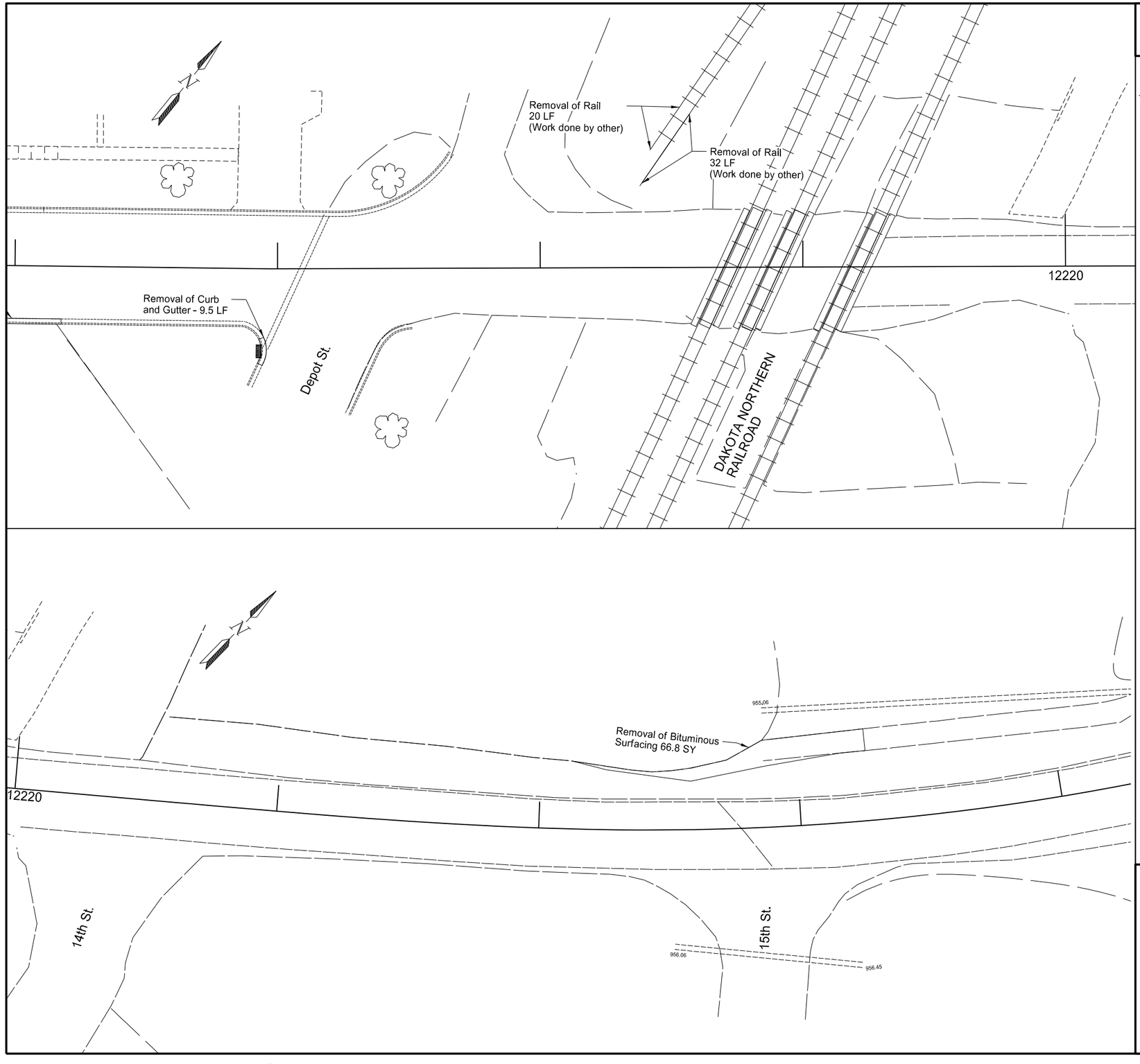
ND 32 - Walhalla North to Canadian Line

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PRELIMINARY

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	40	6

SPEC	CODE	BID ITEM	UNIT	QUANTITY
202	130	REMOVAL OF CURB & GUTTER	LF	9.5
202	132	REMOVAL OF BITUMINOUS SURFACING	SY	66.8

Removals

Mill, HMA, Sidewalk, Structures

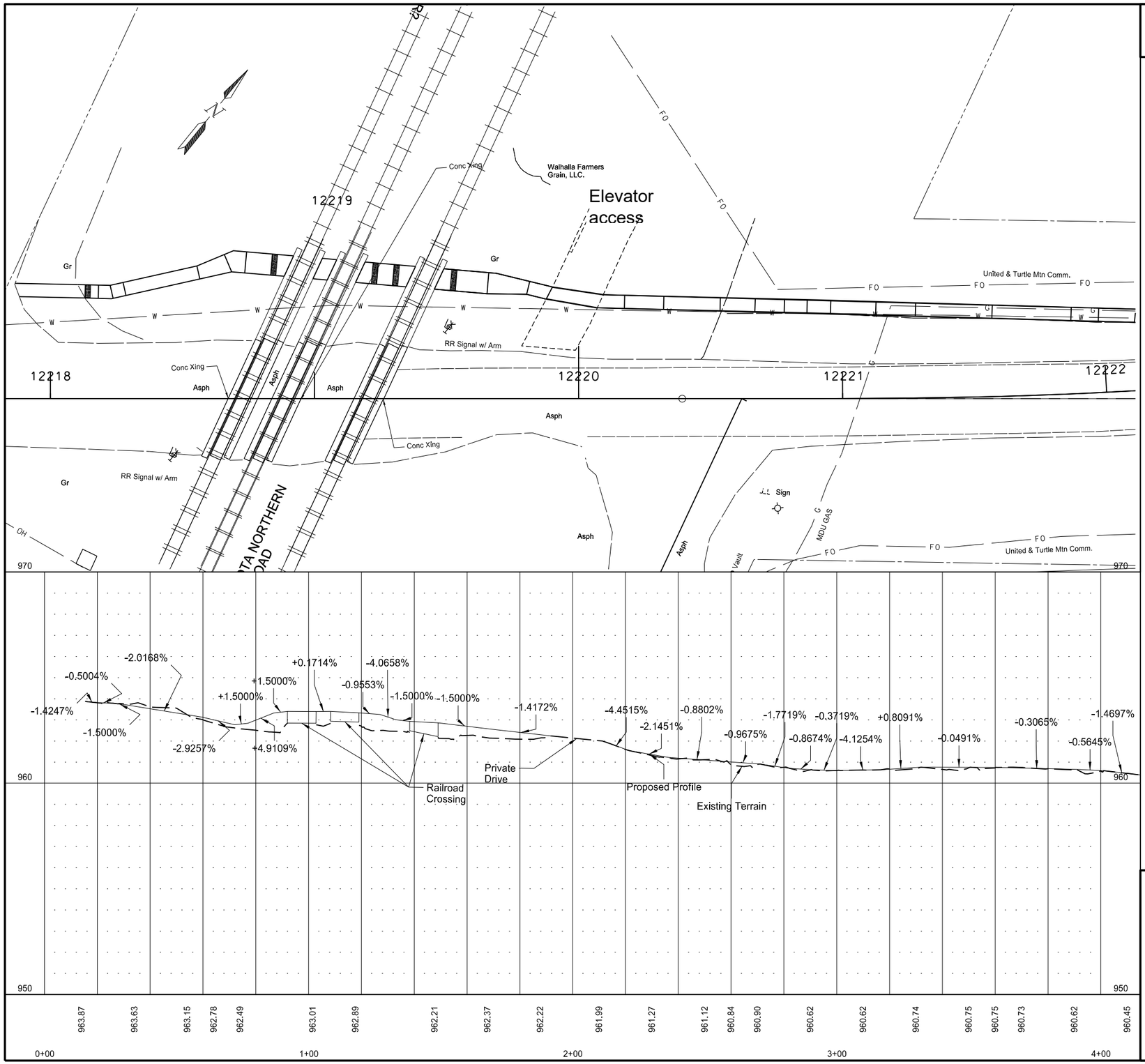
ND 32 - Walhalla to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-6-032(075)230	60	



Plan and Profile

Mill, HMA, Sidewalk, Reinforced Concrete Box

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	100	33

N

Delineator drum

Sidewalk barricade

Delineator drum

SIDEWALK CLOSED

R9-9-24 Pedestrian Barricade Mtd

SIDEWALK CLOSED

R9-9-24 Pedestrian Barricade Mtd

Delineator drum

Sidewalk barricade

Delineator drum

12217

℄ ND 32

Sidewalk Construction

Between 13th St & Depot St

Pedestrian Traffic Control Devices

Pedestrian Barricades	2 LF
Delineator Drums	4 EA
Sidewalk Closed (R9-9-24)	2 EA

Note: Pedestrian traffic control quantities provided to allow work at all locations simultaneously.

LEGEND

Work Area

Sidewalk Construction Pedestrian Traffic Control
Between 13 St & Depot St

Milling, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	100	34

N

ADA Ramp & Sidewalk Construction

ND 32 & Depot St (North & West ramps)

Traffic Control Devices (North & West ramps)

Pedestrian Barricades	2 LF
Delineator Drums	15 EA
Sidewalk Closed (R9-9-24)	2 EA

Note: Pedestrian traffic control quantities provided to allow work at all locations simultaneously.

LEGEND

Work Area

Delineator drums @ 5' spacing

℄ Depot St

Delineator drums @ 5' spacing

Sidewalk barricade

SIDEWALK CLOSED

R9-9-24 Pedestrian Barricade Mtd

℄ ND 32

Delineator drum

Sidewalk barricade

SIDEWALK CLOSED

R9-9-24 Pedestrian Barricade Mtd

Delineator drum

12218

ADA Ramp & Sidewalk Construction Traffic Control
ND 32 & Depot Street (North & West Ramps)

Milling, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	100	35

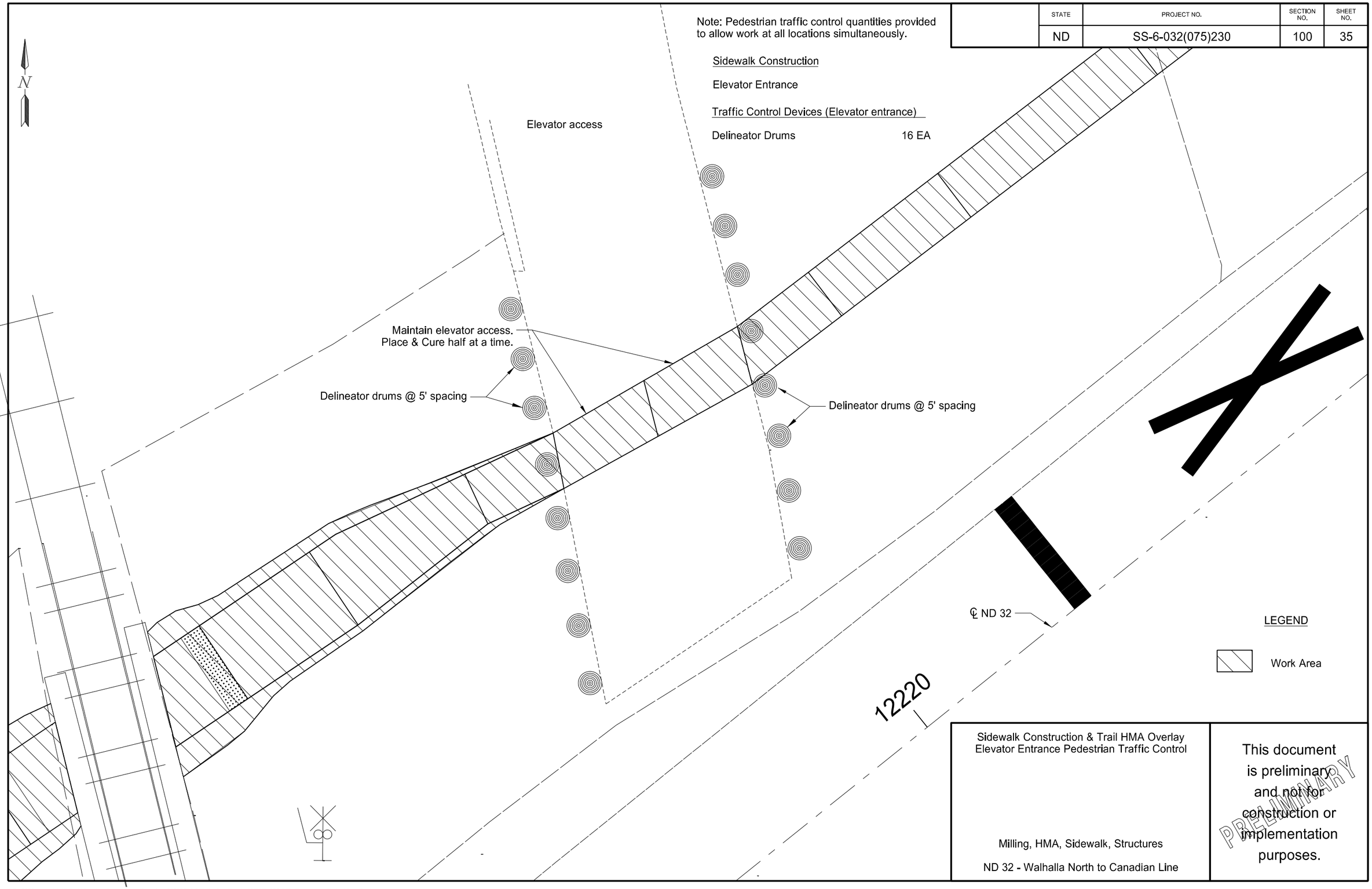
Note: Pedestrian traffic control quantities provided to allow work at all locations simultaneously.

Sidewalk Construction

Elevator Entrance

Traffic Control Devices (Elevator entrance)

Delineator Drums 16 EA



Sidewalk Construction & Trail HMA Overlay
Elevator Entrance Pedestrian Traffic Control

Milling, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-6-032(075)230	100	36

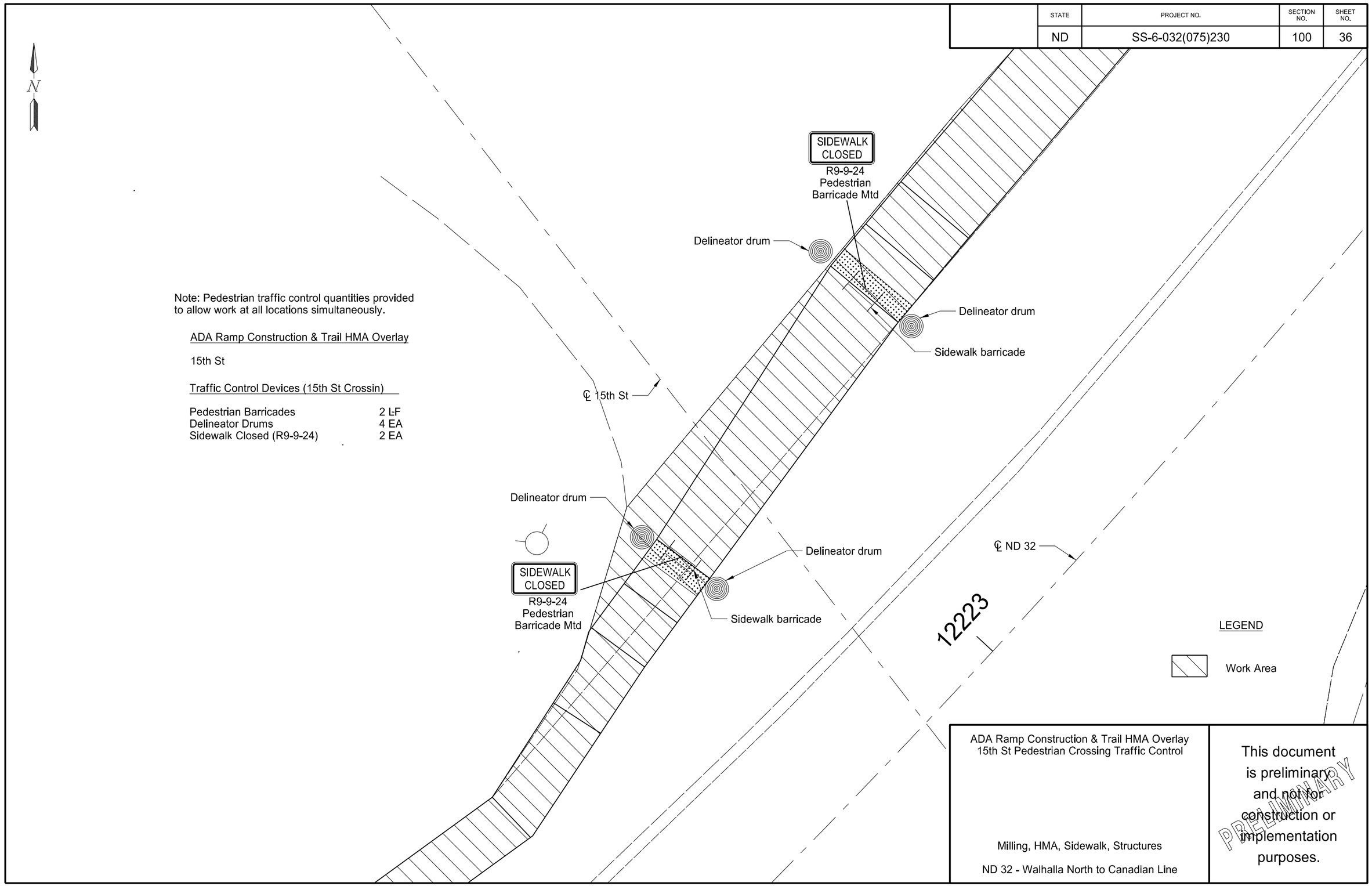
Note: Pedestrian traffic control quantities provided to allow work at all locations simultaneously.

ADA Ramp Construction & Trail HMA Overlay

15th St

Traffic Control Devices (15th St Crossin)

Pedestrian Barricades	2 LF
Delineator Drums	4 EA
Sidewalk Closed (R9-9-24)	2 EA



ADA Ramp Construction & Trail HMA Overlay
15th St Pedestrian Crossing Traffic Control

Milling, HMA, Sidewalk, Structures

ND 32 - Walhalla North to Canadian Line

This document is preliminary and not for construction or implementation purposes.

PRELIMINARY

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EXHIBIT B

(Intentionally Deleted.)

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Contract Number: BF-20637633

EXHIBIT "C"

CONTRACTOR REQUIREMENTS

1) General

A. The Contractor must cooperate with BNSF RAILWAY COMPANY, hereinafter referred to as "Railway" where work is over or under on or adjacent to Railway property and/or right-of-way, hereafter referred to as "Railway Property", during the construction of ND 32 Roadway Improvements Project from Walhalla, ND to Stateline, adjacent to DOT #082219B which is a crossing operated by Dakota Northern Railroad and the Property is owned by BNSF. The Crossing is located at Milepost 47.87 on Line Segment 251 in Walhalla, ND. NDDOT Project Number: SS-6-032(075)230, PCN 23896.

B. The Contractor must execute and deliver to the Railway duplicate copies of the Exhibit “C-1” Agreement, in the form attached hereto, obligating the Contractor to provide and maintain in full force and effect the insurance called for under Section 3 of said Exhibit

C. “C-1”. Questions regarding procurement of the Railroad Protective Liability Insurance should be directed to Rosa Martinez at Marsh, USA, 214-303-8519.

D. The Contractor must plan, schedule and conduct all work activities so as not to interfere with the movement of any trains on Railway Property.

E. The Contractor's right to enter Railway's Property is subject to the absolute right of Railway to cause the Contractor's work on Railway's Property to cease if, in the opinion of Railway, Contractor's activities create a hazard to Railway's Property, employees, and/or operations. Railway will have the right to stop construction work on the Project if any of the following events take place: (i) Contractor (or any of its subcontractors) performs the Project work in a manner contrary to the plans and specifications approved by Railway; (ii) Contractor (or any of its subcontractors), in Railway’s opinion, prosecutes the Project work in a manner which is hazardous to Railway property, facilities or the safe and expeditious movement of railroad traffic; (iii) the insurance described in the attached Exhibit C-1 is canceled during the course of the Project; or (iv) Contractor fails to pay Railway for the Temporary Construction License or the Easement. The work stoppage will continue until all necessary actions are taken by Contractor or its subcontractor to rectify the situation to the satisfaction of Railway’s Division Engineer or until additional insurance has been delivered to and accepted by Railway. In the event of a breach of (i) this Agreement, (ii) the Temporary Construction License, or (iii) the Easement, Railway may immediately terminate the Temporary Construction License or the Easement. Any such work stoppage under this provision will not give rise to any liability on the part of Railway. Railway’s right

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to stop the work is in addition to any other rights Railway may have including, but not limited to, actions or suits for damages or lost profits. In the event that Railway desires to stop construction work on the Project, Railway agrees to immediately notify the following individual in writing:

Director - Office of Project Development
North Dakota Department of Transportation
608 East Boulevard Ave
Bismarck, ND 58505

F. The Contractor is responsible for determining and complying with all Federal, State and Local Governmental laws and regulations, including, but not limited to Environmental Laws (as defined below) and health and safety laws and regulations. The Contractor hereby indemnifies, defends and holds harmless Railway for, from and against all fines or penalties imposed or assessed by Federal, State and Local Governmental Agencies against the Railway which arise out of Contractor's work under this Agreement.

G. The Contractor must notify **NDDOT** at (701) 328-2589 and Railway's Manager Public Projects, telephone number (901)-495-3778 at least thirty (30) calendar days before commencing any work on Railway Property. Contractor's notification to Railway must refer to Railway's file BF-20637633.

H. For any bridge demolition and/or falsework above any tracks or any excavations located with any part of the excavations located within, whichever is greater, twenty-five (25) feet of the nearest track or intersecting a slope from the plane of the top of rail on a 2 horizontal to 1 vertical slope beginning at eleven (11) feet from centerline of the nearest track, both measured perpendicular to center line of track, the Contractor must furnish the Railway five sets of working drawings showing details of construction affecting Railway Property and tracks. The working drawing must include the proposed method of installation and removal of falsework, shoring or cribbing, not included in the contract plans and two sets of structural calculations of any falsework, shoring or cribbing. For all excavation and shoring submittal plans, the current "BNSF-UPRR Guidelines for Temporary Shoring" must be used for determining the design loading conditions to be used in shoring design, and all calculations and submittals must be in accordance with the current "BNSF-UPRR Guidelines for Temporary Shoring". All submittal drawings and calculations must be stamped by a registered professional engineer licensed to practice in the state the project is located. All calculations must take into consideration railway surcharge loading and must be designed to meet American Railway Engineering and Maintenance-of-Way Association (previously known as American Railway Engineering Association) Coopers E-80 live loading standard. All drawings and calculations must be stamped by a registered professional engineer licensed to practice in the state the project is located. The Contractor

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must not begin work until notified by the Railway that plans have been approved. The Contractor will be required to use lifting devices such as, cranes and/or winches to place or to remove any falsework over Railway's tracks. In no case will the Contractor be relieved of responsibility for results obtained by the implementation of said approved plans.

I. Subject to the movement of Railway's trains, Railway will cooperate with the Contractor such that the work may be handled and performed in an efficient manner. The Contractor will have no claim whatsoever for any type of damages or for extra or additional compensation in the event his work is delayed by the Railway.

2) Contractor Safety Orientation

A. No employee of the Contractor, its subcontractors, agents or invitees may enter Railway Property without first having completed Railway's Engineering Contractor Safety Orientation, found on the web site www.BNSFContractor.com. The Contractor must ensure that each of its employees, subcontractors, agents or invitees completes Railway's Engineering Contractor Safety Orientation through internet sessions before any work is performed on the Project. Additionally, the Contractor must ensure that each and every one of its employees, subcontractors, agents or invitees possesses a card certifying completion of the Railway Contractor Safety Orientation before entering Railway Property. The Contractor is responsible for the cost of the Railway Contractor Safety Orientation. The Contractor must renew the Railway Contractor Safety Orientation annually. Further clarification can be found on the web site or from the Railway's Representative.

3) Railway Requirements

A. The Contractor must take protective measures as are necessary to keep railway facilities, including track ballast, free of sand, debris, and other foreign objects and materials resulting from his operations. Any damage to railway facilities resulting from Contractor's operations will be repaired or replaced by Railway and the cost of such repairs or replacement must be paid for by the Agency.

B. The Contractor must notify the Railway's Project Engineer Steve Lyne_at (402)-304-6670_ and provide blasting plans to the Railway for review seven (7) calendar days prior to conducting any blasting operations adjacent to or on Railway's Property.

C. The Contractor must abide by the following temporary clearances during construction:

- 15'-0" Horizontally from centerline of nearest track
- 21'-6" Vertically above top of rail
- 27'-0" Vertically above top of rail for electric wires carrying less than 750 volts
- 28'-0" Vertically above top of rail for electric wires carrying 750 volts to 15,000 volts

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- 30'-0" Vertically above top of rail for electric wires carrying 15,000 volts to 20,000 volts
- 34'-0" Vertically above top of rail for electric wires carrying more than 20,000 volts

D. Upon completion of construction, the following clearances shall be maintained:

- 25’ Horizontally from centerline of nearest track
- 23’ 6” Vertically above top of rail

E. Any infringement within State statutory clearances due to the Contractor's operations must be submitted to the Railway and to the **NDDOT** and must not be undertaken until approved in writing by the Railway, and until the **NDDOT** has obtained any necessary authorization from the State Regulatory Authority for the infringement. No extra compensation will be allowed in the event the Contractor's work is delayed pending Railway approval, and/or the State Regulatory Authority's approval.

F. In the case of impaired vertical clearance above top of rail, Railway will have the option of installing tell-tales or other protective devices Railway deems necessary for protection of Railway operations. The cost of tell-tales or protective devices will be borne by the Agency.

G. The details of construction affecting the Railway's Property and tracks not included in the contract plans must be submitted to the Railway by **NDDOT** for approval before work is undertaken and this work must not be undertaken until approved by the Railway.

H. At other than public road crossings, the Contractor must not move any equipment or materials across Railway's tracks until permission has been obtained from the Railway. The Contractor must obtain a "Temporary Construction Crossing Agreement" from the Railway prior to moving his equipment or materials across the Railways tracks. The temporary crossing must be gated and locked at all times when not required for use by the Contractor. The temporary crossing for use of the Contractor will be constructed and, at the completion of the project, removed at the expense of the Contractor.

I. Discharge, release or spill on the Railway Property of any hazardous substances, oil, petroleum, constituents, pollutants, contaminants, or any hazardous waste is prohibited and Contractor must immediately notify the Railway's Resource Operations Center at 1(800) 832-5452, of any discharge, release or spills in excess of a reportable quantity. Contractor must not allow Railway Property to become a treatment, storage or transfer facility as those terms are defined in the Resource Conservation and Recovery Act or any state analogue.

J. The Contractor upon completion of the work covered by this contract, must promptly remove from the Railway's Property all of Contractor's tools, equipment, implements and other materials, whether brought upon said property by said Contractor or any

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Subcontractor, employee or agent of Contractor or of any Subcontractor, and must cause Railway's Property to be left in a condition acceptable to the Railway's representative.

4) Contractor Roadway Worker on Track Safety Program and Safety Action Plan

A. Each Contractor that will perform work within 25 feet of the centerline of a track must develop and implement a Roadway Worker Protection/On Track Safety Program and work with Railway Project Representative to develop an on track safety strategy as described in the guidelines listed in the on track safety portion of the Safety Orientation. This Program must provide Roadway Worker protection/on track training for all employees of the Contractor, its subcontractors, agents or invitees. This training is reinforced at the job site through job safety briefings. Additionally, each Contractor must develop and implement the Safety Action Plan, as provided for on the web site **www.BNSFContractor.com**, which will be made available to Railway prior to commencement of any work on Railway Property. During the performance of work, the Contractor must audit its work activities. The Contractor must designate an on-site Project Supervisor who will serve as the contact person for the Railway and who will maintain a copy of the Safety Action Plan, safety audits, and Material Safety Datasheets (MSDS), at the job site.

B. Contractor shall have a background investigation performed on all of its employees, subcontractors and agents who will be performing any services for Railroad under this Agreement which are determined by Railroad in its sole discretion **a)** to be on Railroad's property, or **b)** that require access to Railroad Critical Infrastructure, Railroad Critical Information Systems, Railroad's Employees, Hazardous Materials on Railroad's property or is being transported by or otherwise in the custody of Railroad, or Freight in Transit involving Railroad.

i) The required background screening shall at a minimum meet the rail industry background screening criteria defined by the e-RAILSAFE Program as outlined at **www.erailsafe.com**, in addition to any other applicable regulatory requirements.

ii) Contractor shall obtain written consent from all its employees, subcontractors or agents screened in compliance with the e-RAILSAFE Program to participate in the Program on their behalf and to release completed background information to Railroad's designee. Contractor shall be subject to periodic audit to ensure compliance.

iii) Contractor subject to the e-RAILSAFE Program hereunder shall not permit any of its employees, subcontractors or agents to perform services hereunder who are not first approved under e-RAILSAFE Program standards. Railroad shall have the right to deny entry onto its premises or access as described in this section above to any of Contractor's employees, subcontractors or agents who do not display the authorized identification badge issued by a background screening service meeting the standards

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set forth in the e-RAILSAFE Program, or who in Railroad's opinion, which may not be unreasonable, may pose a threat to the safety or security of Railroad's operations, assets or personnel.

iv) Contractors shall be responsible for ensuring that its employees, subcontractors and agents are United States citizens or legally working in the United States under a lawful and appropriate work VISA or other work authorization.

5) Railway Flagger Services

A. Flagging is to be provided by DNRR if they are needed. DNRR will issue a bulletin when work is occurring.

B. Unless determined otherwise by Railway's Project Representative, protective flagging services will be required when Contractor's work activities are located over, under and/or within twenty-five (25) feet measured horizontally from centerline of the nearest track and when cranes or similar equipment positioned beyond 25-feet from the track centerline could foul the track in the event of tip over or other catastrophic occurrence, but not limited thereto for the following conditions:

i) When, upon inspection by Railway's Representative, other conditions warrant.

ii) When any excavation is performed below the bottom of tie elevation, if, in the opinion of Railway's representative, track or other Railway facilities may be subject to movement or settlement.

iii) When work in any way interferes with the safe operation of trains at timetable speeds.

iv) When any hazard is presented to Railway track, communications, signal, electrical, or other facilities either due to persons, material, equipment or blasting in the vicinity.

v) Special permission must be obtained from the Railway before moving heavy or cumbersome objects or equipment which might result in making the track impassable.

C. Flagging services will be performed by qualified Railway flaggers.

i) Flagging crew generally consists of one employee. However, additional personnel may be required to protect Railway Property and operations, if deemed necessary by the Railways Representative.

ii) Each time a flagger is called, the minimum period for billing will be the eight (8) hour basic day.

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iii) The flagging will be invoiced through DNRR.

iv) The average train traffic on this route is 01 freight trains per 24-hour period at a timetable speed 10 MPH and N/A passenger trains at a timetable speed of N/A MPH.

6) Contractor General Safety Requirements

A. Work in the proximity of railway track(s) is potentially hazardous where movement of trains and equipment can occur at any time and in any direction. All work performed by contractors within 25 feet of any track must be in compliance with FRA Roadway Worker Protection Regulations.

B. Before beginning any task on Railway Property, a thorough job safety briefing must be conducted with all personnel involved with the task and repeated when the personnel or task changes. If the task is within 25 feet of any track, the job briefing must include the Railway's flagger, as applicable, and include the procedures the Contractor will use to protect its employees, subcontractors, agents or invitees from moving any equipment adjacent to or across any Railway track(s).

C. Workers must not work within 25 feet of the centerline of any track without an on track safety strategy approved by the Railway's Project Representative. When authority is provided, every contractor employee must know: (1) who the Railway flagger is, and how to contact the flagger, (2) limits of the authority, (3) the method of communication to stop and resume work, and (4) location of the designated places of safety. Persons or equipment entering flag/work limits that were not previously job briefed, must notify the flagger immediately, and be given a job briefing when working within 25 feet of the center line of track.

D. When Contractor employees are required to work on the Railway Property after normal working hours or on weekends, the Railway's representative in charge of the project must be notified. A minimum of two employees must be present at all times.

E. Any employees, agents or invitees of Contractor or its subcontractors under suspicion of being under the influence of drugs or alcohol, or in the possession of same, will be removed from the Railway's Property and subsequently released to the custody of a representative of Contractor management. Future access to the Railway's Property by that employee will be denied.

F. Any damage to Railway Property, or any hazard noticed on passing trains must be reported immediately to the Railway's representative in charge of the project. Any vehicle or machine which may come in contact with track, signal equipment, or structure (bridge) and could result in a train derailment must be reported immediately to the Railway representative in charge of the project and to the Railway's Resource Operations Center

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at 1(800) 832-5452. Local emergency numbers are to be obtained from the Railway representative in charge of the project prior to the start of any work and must be posted at the job site.

G. For safety reasons, all persons are prohibited from having pocket knives, firearms or other deadly weapons in their possession while working on Railway's Property.

H. All personnel protective equipment (PPE) used on Railway Property must meet applicable OSHA and ANSI specifications. Current Railway personnel protective equipment requirements are listed on the web site, **www.BNSFContractor.com,** however, a partial list of the requirements include: a) safety glasses with permanently affixed side shields (no yellow lenses); b) hard hats; c) safety shoe with: hardened toes, above-the-ankle lace-up and a defined heel; and d) high visibility retro-reflective work wear. The Railway's representative in charge of the project is to be contacted regarding local specifications for meeting requirements relating to hi-visibility work wear. Hearing protection, fall protection, gloves, and respirators must be worn as required by State and Federal regulations. **(NOTE – Should there be a discrepancy between the information contained on the web site and the information in this paragraph, the web site will govern.)**

I. THE CONTRACTOR MUST NOT PILE OR STORE ANY MATERIALS, MACHINERY OR EQUIPMENT CLOSER THAN 25'-0" TO THE CENTER LINE OF THE NEAREST RAILWAY TRACK. MATERIALS, MACHINERY OR EQUIPMENT MUST NOT BE STORED OR LEFT WITHIN 250 FEET OF ANY HIGHWAY/RAIL AT-GRADE CROSSINGS OR TEMPORARY CONSTRUCTION CROSSING, WHERE STORAGE OF THE SAME WILL OBSTRUCT THE VIEW OF A TRAIN APPROACHING THE CROSSING. PRIOR TO BEGINNING WORK, THE CONTRACTOR MUST ESTABLISH A STORAGE AREA WITH CONCURRENCE OF THE RAILWAY'S REPRESENTATIVE.

J. Machines or vehicles must not be left unattended with the engine running. Parked machines or equipment must be in gear with brakes set and if equipped with blade, pan or bucket, they must be lowered to the ground. All machinery and equipment left unattended on Railway's Property must be left inoperable and secured against movement. (See internet Engineering Contractor Safety Orientation program for more detailed specifications)

K. Workers must not create and leave any conditions at the work site that would interfere with water drainage. Any work performed over water must meet all Federal, State and Local regulations.

L. All power line wires must be considered dangerous and of high voltage unless informed to the contrary by proper authority. For all power lines the minimum clearance between the lines and any part of the equipment or load must be; 200 KV or below - 15 feet; 200 to 350 KV - 20 feet; 350 to 500 KV - 25 feet; 500 to 750 KV - 35 feet; and 750 to 1000 KV - 45

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feet. If capacity of the line is not known, a minimum clearance of 45 feet must be maintained. A person must be designated to observe clearance of the equipment and give a timely warning for all operations where it is difficult for an operator to maintain the desired clearance by visual means.

7) Excavation

A. Before excavating, the Contractor must determine whether any underground pipe lines, electric wires, or cables, including fiber optic cable systems are present and located within the Project work area. The Contractor must determine whether excavation on Railway's Property could cause damage to buried cables resulting in delay to Railway traffic and disruption of service to users. Delays and disruptions to service may cause business interruptions involving loss of revenue and profits. Before commencing excavation, the Contractor must contact **BNSF's Field Engineering Representative Dan Peltier (763-782-3495), Daniel.peltier@bnsf.com.** All underground and overhead wires will be considered HIGH VOLTAGE and dangerous until verified with the company having ownership of the line. **It is the Contractor's responsibility to notify any other companies that have underground utilities in the area and arrange for the location of all underground utilities before excavating.**

B. The Contractor must cease all work and notify the Railway immediately before continuing excavation in the area if obstructions are encountered which do not appear on drawings. If the obstruction is a utility and the owner of the utility can be identified, then the Contractor must also notify the owner immediately. If there is any doubt about the location of underground cables or lines of any kind, no work must be performed until the exact location has been determined. There will be no exceptions to these instructions.

C. All excavations must be conducted in compliance with applicable OSHA regulations and, regardless of depth, must be shored where there is any danger to tracks, structures or personnel.

D. Any excavations, holes or trenches on the Railway's Property must be covered, guarded and/or protected when not being worked on. When leaving work site areas at night and over weekends, the areas must be secured and left in a condition that will ensure that Railway employees and other personnel who may be working or passing through the area are protected from all hazards. All excavations must be back filled as soon as possible.

E. Excavations and restoration must be conducted in accordance with all applicable Legal Requirements and the environmental provisions of Section 8.

F. All fill materials to be imported to Railway's property shall be certified clean fill or from a Railway-approved source, and must otherwise be suitable for its intended purpose as backfill material. Supporting documentation shall be provided to Railway upon request.

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G. Contractor must meet the appropriate compaction requirements for all fills and will be responsible for settlement of all fills, erosion, and embankments that may occur as a result of the placement fill.

8) Environmental Requirements:

A. Contractor must comply with all Environmental Laws (as defined below). Contractor must not maintain a "treatment," "storage," "transfer" or "disposal" facility, or "underground storage tank," as those terms are defined by Environmental Laws, on the Railway Property or the right of way. Contractor will not handle, transport, release or suffer the release of Hazardous Materials (as defined below).

B. If Contractor discovers any hazardous waste, hazardous substance, petroleum or other deleterious material, including but not limited to any release of Hazardous Materials non-containerized commodity or material, on or adjacent to Railway's Property, in or near any surface water, swamp, wetlands or waterways, while performing any work under this Agreement, Contractor must immediately: (a) notify the Railway's Resource Operations Center at 1(800) 832-5452, of such discovery: (b) take safeguards necessary to protect its employees, subcontractors, agents and/or third parties: and (c) exercise due care with respect to the release, including the taking of any appropriate measure to minimize the impact of such release. Contractor must also give Railway prompt notice of all measures undertaken to investigate, remediate, or respond to any aforementioned condition.

C. If Railway has notice from Contractor or otherwise of a release or violation of Environmental Laws arising in any way with respect to the work which occurred or may occur during the term of this Agreement, Railway may require Contractor, at Contractor’s sole risk and expense, to take timely measures to investigate, remediate, respond to or otherwise cure such release or violation affecting the Railway’s Property.

D. If during the construction or subsequent maintenance of the work or Structures, or any other soil-disturbing activities, soils or other materials considered to be environmentally impacted are encountered, Contractor will stop work immediately and notify Railway. After consultation with Railway, Contractor shall, at Contractor’s expense, characterize any such impacted soils. Upon receiving sampling results, Contractor shall, at Contractor’s expense, in consultation with Railway, manage, remove, and/or dispose any such impacted soils offsite at an appropriately-licensed facility in accordance with Environmental Laws. Soil characterization and applicable disposal requirements, shall be in accordance with applicable federal, state, and local Environmental Laws or in consultation with an agency having the capacity and authority to make such a determination.

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E. All soils and materials to be removed from the Railway Property or right of way must be properly characterized, managed, transported, and disposed of at an appropriately-licensed facility, at Contractor's expense, in accordance with all Environmental Laws. Contractor shall be the "Generator" of any and all such materials and waste, as such term is defined in Environmental Laws.

F. Notwithstanding anything in this Section 1.08, Contractor understands that Railway has no duty or obligation to monitor Contractor's use of the property or right of way to determine Contractor's compliance with Environmental Laws, it being solely Contractor's responsibility to ensure that Contractor's use is compliant. Regulatory plans and a minimum of two (2) years of records/inspections shall be readily available. Contractor shall promptly provide the same to the Railroad upon request.

G. "Environmental Law(s)" shall mean any federal, state, local, or tribal law, statute, ordinance, code, rule, regulation, policy, common law, license, authorization, decision, order, or injunction which pertains to health, safety, any Hazardous Material, or the environment (including but not limited to ground, air, water, or noise pollution or contamination, and underground or above-ground tanks) and shall include, without limitation, CERCLA 42 U.S.C. §9601 et seq.; the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq., CERCLA; the Hazardous Materials Transportation Act, 49 U.S.C. §5101 et seq.; the Federal Water Pollution Control Act, 33 U.S.C. §1251 et seq.; the Clean Air Act, 42 U.S.C. §7401 et seq.; the Toxic Substances Control Act, 15 U.S.C. §2601 et seq.; the Safe Drinking Water Act, 42 U.S.C. §300f et seq.; the Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001 et seq.; the Federal Insecticide, Fungicide and Rodenticide Act, 7 U.S.C. 136 to 136y; the Oil Pollution Act, 33 U.S.C. 2701 et seq.; and the Occupational Safety and Health Act, 29 U.S.C. 651 et seq.; all as have been amended from time to time, and any other federal, state, local, or tribal environmental requirements, together with all rules, regulations, orders, and decrees now or hereafter promulgated under any of the foregoing, as any of the foregoing now exist or may be changed or amended or come into effect in the future.

H. "Hazardous Material(s)" shall include but shall not be limited to any substance, material, or waste that is regulated by any Environmental Law or otherwise regulated by any federal, state, local, or tribal governmental authority because of toxic, flammable, explosive, corrosive, reactive, radioactive or other properties that may be hazardous to human health or the environment, including without limitation asbestos and asbestos-containing materials, radon, petroleum and petroleum products, urea formaldehyde foam insulation, methane, lead-based paint, polychlorinated biphenyl compounds, hydrocarbons or like substances and their additives or constituents, pesticides, agricultural chemicals, and any other special, toxic, or hazardous (i) substances, (ii) materials, or (iii) wastes of any kind, including without limitation those now or hereafter defined, determined, or identified as "hazardous chemicals," "hazardous substances," "hazardous materials," "toxic substances," or "hazardous wastes" in any Environmental Law.

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9) Personal Injury Reporting

A. The Railway is required to report certain injuries as a part of compliance with Federal Railroad Administration (FRA) reporting requirements. Any personal injury sustained by an employee of the Contractor, subcontractor or Contractor's invitees while on the Railway's Property must be reported immediately (by phone mail if unable to contact in person) to the Railway's representative in charge of the project. The Non-Employee Personal Injury Data Collection Form contained herein is to be completed and sent by Fax to the Railway at 1(817) 352-7595 and to the Railway's Project Representative no later than the close of shift on the date of the injury.

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NON-EMPLOYEE PERSONAL INJURY DATA COLLECTION

(If injuries are in connection with rail equipment accident/incident, highway rail grade crossing accident or automobile accident, ensure that appropriate information is obtained, forms completed and that data entry personnel are aware that injuries relate to that specific event.)

Injured Person Type:

- ☐ Passenger on train (C)
- ☐ Non-employee (N) *(i.e., emp of another railroad, or, non-BNSF emp involved in vehicle accident, including company vehicles)*
- ☐ Contractor/safety sensitive (F)
- ☐ Contractor/non-safety sensitive (G)
- ☐ Volunteer/safety sensitive (H)
- ☐ Volunteer/other non-safety sensitive (I)
- ☐ Non-trespasser (D) - to include highway users involved in highway rail grade crossing accidents who did not go around or through gates
- ☐ Trespasser (E) - to include highway users involved in highway rail grade crossing accidents who went around or through gates
- ☐ Non-trespasser (J) - Off railroad property

If train involved, Train ID:

_____

Transmit attached information to Accident/Incident Reporting Center by:
Fax 1-817-352-7595 or by Phone 1-800-697-6736 **or email to:** Accident-Reporting.Center@BNSF.com

Officer Providing Information:

_____ _____ _____
(Name) (Employee No.) (Phone #)

REPORT PREPARED TO COMPLY WITH FEDERAL ACCIDENT REPORTING REQUIREMENTS AND PROTECTED FROM DISCLOSURE PURSUANT TO 49 U.S.C. 20903 AND 83 U.S.C. 490

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NON-EMPLOYEE PERSONAL INJURY DATA COLLECTION

Please complete this form and provide to the BNSF supervisor, who will input this information into the EHS Star system. For questions, call (817) 352-1267 or email Safety.IncidentReporting@BNSF.com.

Accident City/State: _____ Date: _____ Time: _____

County: _____ Temperature: _____ Weather: _____
(if non-BNSF location)

Name (Last/First/MI): _____

Age: _____ Gender (if available): _____

Company: _____

Railsafe Badge Number: _____ Expiration Date: _____

BNSF Contractor Badge Number: _____ Expiration Date: _____

Injury: _____ Body Part: _____
(e.g., laceration) (e.g., hand)

Description of accident (including how accident occurred, potential cause, etc.):

_____

_____

Work activity in progress at time of accident: _____

Tools, machinery, or hazardous materials involved in accident: _____

_____

Treatment:

- ☐ First Aid Only
- ☐ Required Medical Treatment
- ☐ Other Medical Treatment: _____

Dr. Name: _____ Date: _____

Dr. Street Address: _____ City: _____ State: _____ Zip: _____

Hospital Name: _____

Hospital Street Address: _____ City: _____ State: _____ Zip: _____

Diagnosis: _____

THIS REPORT IS PART OF BNSF'S ACCIDENT REPORT PURSUANT TO THE ACCIDENT REPORTS STATUTE AND, AS SUCH SHALL NOT "BE ADMITTED AS EVIDENCE OR USED FOR ANY PURPOSE IN ANY SUIT OR ACTION FOR DAMAGES GROWING OUT OF ANY MATTER MENTIONED IN SAID REPORT…." 49 U.S.C. § 20903. See 49 C.F.R. § 225.7(b).

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EXHIBIT "C-1"

Agreement Between

BNSF RAILWAY COMPANY

and the

CONTRACTOR

Railway File: **BF-20637633**

Agency Project: **SS-6-032(075)230, PCN 23896**

Account Name, a/an State or Country of Formation Type of Organization (hereinafter called "Contractor"), has entered into an agreement (hereinafter called "Agreement") dated _____, 20__, with **NDDOT** for the performance of certain work in connection with the following project:

Construction of ND 32 Roadway Improvements Project from Walhalla to Stateline, adjacent to BNSF Line Segment 251 from Milepost 230.5 to Milepost 236.5 and crossing DOT # 082219B in Walhalla, ND.

Performance of such work will necessarily require Contractor to enter **BNSF RAILWAY COMPANY** (hereinafter called "Railway") right of way and property (hereinafter called "Railway Property"). The Agreement provides that no work will be commenced within Railway Property until the Contractor employed in connection with said work for **NDDOT** (i) executes and delivers to Railway an Agreement in the form hereof, and (ii) provides insurance of the coverage and limits specified in such Agreement and Section 3 herein. If this Agreement is executed by a party who is not the Owner, General Partner, President or Vice President of Contractor, Contractor must furnish evidence to Railway certifying that the signatory is empowered to execute this Agreement on behalf of Contractor.

Accordingly, in consideration of Railway granting permission to Contractor to enter upon Railway Property and as an inducement for such entry, Contractor, effective on the date of the Agreement, has agreed and does hereby agree with Railway as follows:

1) RELEASE OF LIABILITY AND INDEMNITY

A. Contractor hereby waives, releases, indemnifies, defends and holds harmless Railway for all judgments, awards, claims, demands, and expenses (including attorneys' fees), for injury or death to all persons, including Railway's and Contractor's officers and

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employees, and for loss and damage to property belonging to any person, arising in any manner from Contractor's or any of Contractor's subcontractors' acts or omissions or any work performed on or about Railway's property or right-of-way. **THE LIABILITY ASSUMED BY CONTRACTOR WILL NOT BE AFFECTED BY THE FACT, IF IT IS A FACT, THAT THE DESTRUCTION, DAMAGE, DEATH, OR INJURY WAS OCCASIONED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF RAILWAY, ITS AGENTS, SERVANTS, EMPLOYEES OR OTHERWISE, EXCEPT TO THE EXTENT THAT SUCH CLAIMS ARE PROXIMATELY CAUSED BY THE INTENSIONAL MISCONDUCT OR GROSS NEGLIGENCE OF RAILWAY.**

B. THE INDEMNIFICATION OBLIGATION ASSUMED BY CONTRACTOR INCLUDES ANY CLAIMS, SUITS OR JUDGMENTS BROUGHT AGAINST RAILWAY UNDER THE FEDERAL EMPLOYEE'S LIABILITY ACT, INCLUDING CLAIMS FOR STRICT LIABILITY UNDER THE SAFETY APPLIANCE ACT OR THE LOCOMOTIVE INSPECTION ACT, WHENEVER SO CLAIMED.

C. Contractor further agrees, at its expense, in the name and on behalf of Railway, that it will adjust and settle all claims made against Railway, and will, at Railway's discretion, appear and defend any suits or actions of law or in equity brought against Railway on any claim or cause of action arising or growing out of or in any manner connected with any liability assumed by Contractor under this Agreement for which Railway is liable or is alleged to be liable. Railway will give notice to Contractor, in writing, of the receipt or dependency of such claims and thereupon Contractor must proceed to adjust and handle to a conclusion such claims, and in the event of a suit being brought against Railway, Railway may forward summons and complaint or other process in connection therewith to Contractor, and Contractor, at Railway's discretion, must defend, adjust, or settle such suits and protect, indemnify, and save harmless Railway from and against all damages, judgments, decrees, attorney's fees, costs, and expenses growing out of or resulting from or incident to any such claims or suits.

D. In addition to any other provision of this Agreement, in the event that all or any portion of this Article shall be deemed to be inapplicable for any reason, including without limitation as a result of a decision of an applicable court, legislative enactment or regulatory order, the parties agree that this Article shall be interpreted as requiring Contractor to indemnify Railway to the fullest extent permitted by applicable law. **THROUGH THIS AGREEMENT THE PARTIES EXPRESSLY INTEND FOR CONTRACTOR TO INDEMNIFY RAILWAY FOR RAILWAY'S ACTS OF NEGLIGENCE.**

E. It is mutually understood and agreed that the assumption of liabilities and indemnification provided for in this Agreement survive any termination of this Agreement.

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2) TERM

A. This Agreement is effective from the date of the Agreement until (i) the completion of the project set forth herein, and (ii) full and complete payment to Railway of any and all sums or other amounts owing and due hereunder.

3) INSURANCE

Contractor shall, at its sole cost and expense, procure and maintain during the life of this Agreement the following insurance coverage:

A. Commercial General Liability "CGL" Insurance

i) The policy will provide a minimum of $2,000,000 each occurrence and an aggregate limit of at least $4,000,000 but in no event less than the amount otherwise carried by the provider. Coverage must be purchased on a post 2004 ISO occurrence form or equivalent and include coverage for, but not limited to, the following:

(1) Bodily Injury and Property Damage

(2) Personal Injury and Advertising Injury

(3) Fire legal liability

(4) Products and completed operations

ii) This policy shall also contain the following endorsements or language, which shall be indicated on the certificate of insurance:

(1) definition of "Insured Contract" will be amended to remove any exclusion or other limitation for any work being done within 50 feet of RAILWAY's property.

(2) Waiver of subrogation in favor of and acceptable to RAILWAY; and

(3) Additional insured endorsement in favor of and acceptable to RAILWAY and include coverage for ongoing operations and completed operations; and

(4) Separation of insureds; and

(5) The policy will be primary and non-contributing with respect to any insurance carried by RAILWAY.

iii) It is agreed that the workers' compensation and employers' liability related exclusions

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in the Commercial General Liability insurance policy(s) required herein are intended to apply to employees of the policy holder and shall not apply to ***Railway*** employees.

iv) No other endorsements limiting coverage as respects obligations under this Agreement may be included on the policy with regard to the work being performed under this agreement.

B. Business Automobile Insurance

i) The insurance will provide minimum coverage with a combined single limit of at least $1,000,000 per accident, and include coverage for, but not limited to the following:

(1) Bodily injury and property damage

(2) Any and all vehicles owned, used or hired

ii) The policy will include the following endorsements or language, which will be indicated on or attached to the certificate of insurance:

(1) Waiver of subrogation in favor of and acceptable to RAILWAY;

(2) Additional insured endorsement in favor of and acceptable to RAILWAY;

(3) Separation of insureds;

(4) The policy shall be primary and non-contributing with respect to any insurance carried by RAILWAY.

C. Workers Compensation and Employers Liability Insurance

i) Workers Compensation and Employers Liability insurance including coverage for, but not limited to:

(1) Contractor's statutory liability under the worker's compensation laws of the state(s) in which the work is to be performed. If optional under State law, the insurance must cover all employees anyway.

(2) Employers' Liability (Part B) with limits of at least $500,000 each accident, $500,000 by disease policy limit, $500,000 by disease each employee.

ii) This policy shall also contain the following endorsements or language, which shall be

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indicated on the certificate of insurance:

(1) Waiver of subrogation in favor of and acceptable to Railway.

D. Railroad Protective Liability insurance

i) Railroad Protective Liability insurance naming only the ***Railway*** as the Insured with coverage of at least $2,000,000 per occurrence and $6,000,000 in the aggregate. The policy Must be issued on a standard ISO form CG 00 35 12 04 and include the following:

(1) Endorsed to include the Pollution Exclusion Amendment

(2) Endorsed to include the Limited Seepage and Pollution Endorsement.

(3) Endorsed to remove any exclusion for punitive damages.

(4) No other endorsements restricting coverage may be added.

(5) The original policy must be provided to the ***Railway*** prior to performing any work or services under this Agreement.

(6) Definition of "Physical Damage to Property" shall be endorsed to read: "means direct and accidental loss of or damage to all property owned by any named insured and all property in any named insured' care, custody, and control arising out of the acts or omissions of the contractor named on the Declarations.

In lieu of providing a Railroad Protective Liability Policy, Licensee may participate (if available) in Railway's Blanket Railroad Protective Liability Insurance Policy.

E. Other Requirements:

i) Where allowable by law, all policies (applying to coverage listed above) shall contain no exclusion for punitive damages.

ii) Contractor agrees to waive its right of recovery against ***Railway*** for all claims and suits against ***Railway***. In addition, its insurers, through the terms of the policy or policy endorsement, waive their right of subrogation against ***Railway*** for all claims and suits. Contractor further waives its right of recovery, and its insurers also waive their right of subrogation against ***Railway*** for loss of its owned or leased property or property under Contractor's care, custody or control.

iii) Allocated Loss Expense shall be in addition to all policy limits for coverages referenced above.

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iv) Contractor is not allowed to self-insure without the prior written consent of ***Railway.*** If granted by ***Railway***, any self-insured retention or other financial responsibility for claims shall be covered directly by Contractor in lieu of insurance. Any and all ***Railway*** liabilities that would otherwise, in accordance with the provisions of this Agreement, be covered by Contractor's insurance will be covered as if Contractor elected not to include a deductible, self-insured retention or other financial responsibility for claims.

v) Prior to commencing services, Contractor shall furnish to ***Railway*** an acceptable certificate(s) of insurance from an authorized representative evidencing the required coverage(s), endorsements, and amendments. The certificate should be directed to the following address:

BNSF Railway Company
c/o CertFocus
P.O. Box 140528
Kansas City, MO 64114
Toll Free: 877-576-2378
Fax number: 817-840-7487
Email: BNSF@certfocus.com
www.certfocus.com

vi) Contractor shall notify Railway in writing at least 30 days prior to any cancellation, non-renewal, substitution or material alteration.

vii) Any insurance policy shall be written by a reputable insurance company acceptable to Railway or with a current Best's Guide Rating of A- and Class VII or better, and authorized to do business in the state(s) in which the service is to be provided.

viii) If coverage is purchased on a "claims made" basis, Contractor hereby agrees to maintain coverage in force for a minimum of three years after expiration, cancellation or termination of this Agreement. Annually Contractor agrees to provide evidence of such coverage as required hereunder.

ix) Contractor represents that this Agreement has been thoroughly reviewed by Contractor's insurance agent(s)/broker(s), who have been instructed by Contractor to procure the insurance coverage required by this Agreement.

x) Not more frequently than once every five years, Railway may reasonably modify the required insurance coverage to reflect then-current risk management practices in the railroad industry and underwriting practices in the insurance industry.

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xi) If any portion of the operation is to be subcontracted by Contractor, Contractor shall require that the subcontractor shall provide and maintain insurance coverage(s) as set forth herein, naming Railway as an additional insured, and shall require that the subcontractor shall release, defend and indemnify Railway to the same extent and under the same terms and conditions as Contractor is required to release, defend and indemnify Railway herein.

xii) Failure to provide evidence as required by this section shall entitle, but not require, Railway to terminate this Agreement immediately. Acceptance of a certificate that does not comply with this section shall not operate as a waiver of Contractor's obligations hereunder.

xiii) The fact that insurance (including, without limitation, self-insurance) is obtained by Contractor shall not be deemed to release or diminish the liability of Contractor including, without limitation, liability under the indemnity provisions of this Agreement. Damages recoverable by Railway shall not be limited by the amount of the required insurance coverage.

xiv) In the event of a claim or lawsuit involving Railway arising out of this agreement, Contractor will make available any required policy covering such claim or lawsuit.

xv) These insurance provisions are intended to be a separate and distinct obligation on the part of the Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not indemnity provisions are determined to be enforceable in the jurisdiction in which the work covered hereunder is performed.

xvi) For purposes of this section, Railway shall mean “Burlington Northern Santa Fe LLC”, “BNSF Railway Company” and the subsidiaries, successors, assigns and affiliates of each.

4) SALES AND OTHER TAXES

A. In the event applicable sales taxes of a state or political subdivision of a state of the United States are levied or assessed in connection with and directly related to any amounts invoiced by Contractor to Railway (“Sales Taxes”), Railway shall be responsible for paying only the Sales Taxes that Contractor separately states on the invoice or other billing documents provided to Railway; *provided, however,* that (i) nothing herein shall preclude Railway from claiming whatever Sales Tax exemptions are applicable to amounts Contractor bills Railway, (ii) Contractor shall be responsible for all sales, use, excise, consumption, services and other taxes which may accrue on all services, materials,

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equipment, supplies or fixtures that Contractor and its subcontractors use or consume in the performance of this Agreement, (iii) Contractor shall be responsible for Sales Taxes (together with any penalties, fines or interest thereon) that Contractor fails to separately state on the invoice or other billing documents provided to Railway or fails to collect at the time of payment by Railway of invoiced amounts (except where Railway claims a Sales Tax exemption), and (iv) Contractor shall be responsible for Sales Taxes (together with any penalties, fines or interest thereon) if Contractor fails to issue separate invoices for each state in which Contractor delivers goods, provides services or, if applicable, transfers intangible rights to Railway.

B. Upon request, Contractor shall provide Railway satisfactory evidence that all taxes (together with any penalties, fines or interest thereon) that Contractor is responsible to pay under this Agreement have been paid. If a written claim is made against Contractor for Sales Taxes with respect to which Railway may be liable for under this Agreement, Contractor shall promptly notify Railway of such claim and provide Railway copies of all correspondence received from the taxing authority. Railway shall have the right to contest, protest, or claim a refund, in Railway's own name, any Sales Taxes paid by Railway to Contractor or for which Railway might otherwise be responsible for under this Agreement; provided, however, that if Railway is not permitted by law to contest any such Sales Tax in its own name, Contractor shall, if requested by Railway at Railway's sole cost and expense, contest in Contractor's own name the validity, applicability or amount of such Sales Tax and allow Railway to control and conduct such contest.

C. Railway retains the right to withhold from payments made under this Agreement amounts required to be withheld under tax laws of any jurisdiction. If Contractor is claiming a withholding exemption or a reduction in the withholding rate of any jurisdiction on any payments under this Agreement, before any payments are made (and in each succeeding period or year as required by law), Contractor agrees to furnish to Railway a properly completed exemption form prescribed by such jurisdiction. Contractor shall be responsible for any taxes, interest or penalties assessed against Railway with respect to withholding taxes that Railway does not withhold from payments to Contractor.

5) ENVIRONMENTAL

i) Contractor shall strictly comply with all Environmental Laws (as defined below). Contractor shall not maintain a "treatment," "storage," "transfer" or "disposal" facility, or "underground storage tank," as those terms are defined by Environmental Laws, on the Railway Property or the right of way. Contractor will not handle, transport, release or suffer the release of Hazardous Materials (as defined below) on or about the Premises. Small quantities of diesel fuel, engine oil, and hydraulic fluids used in the operation of Contractor's equipment shall not be deemed a violation of this Section 5.

ii) Contractor shall give Railroad immediate notice to Railroad's Resource Operations

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Center at (800) 832-5452 of any release of Hazardous Materials on, from, or affecting the Premises. Contractor shall immediately respond to any release on or from the Premises. Any violation of Environmental Laws or any inspection or inquiry by governmental authorities charged with enforcing Environmental Laws with respect to Contractor's use of the Premises must be immediately reported to Railroad at EnvironmentalLeases@bnsf.com. Contractor also shall give Railroad prompt notice of all measures undertaken on behalf of Contractor to investigate, remediate, respond to or otherwise cure a release or violation.

iii) If Railway has notice from Contractor or otherwise of a release or violation of Environmental Laws caused by Contractor or arising in any way with respect to Contractor's work which occurred or may occur during the term of this Agreement, Railway may require Contractor, at Contractor's sole risk and expense, to take timely measures to investigate, remediate, respond to or otherwise cure such release or violation affecting the Railway's Property.

iv) If during the construction or subsequent maintenance of the work or Structures, or any other soil-disturbing activities, soils or other materials considered to be environmentally impacted are encountered, Contractor will stop work immediately and notify Railway. After consultation with Railway, Contractor shall characterize any such impacted soils. Upon receiving sampling results, Contractor shall, in consultation with Railway, manage, remove, and/or dispose any such impacted soils offsite at an appropriately-licensed facility in accordance with Environmental Laws. Soil characterization and applicable disposal requirements, shall be in accordance with applicable federal, state, and local Environmental Laws or in consultation with an agency having the capacity and authority to make such a determination.

v) All soils and materials to be removed from the Railway Property or right of way must be properly characterized, managed, transported, and disposed of at an appropriately-licensed facility in accordance with all Environmental Laws. Either Contractor or Agency shall be the "Generator" of any and all such materials and waste, as such term is defined in Environmental Laws.

vi) All fill materials to be imported to Railway's property shall be certified clean fill or from a Railway approved source, and supporting documentation shall be provided to Railway upon request.

Contractor shall promptly report to Railroad in writing any conditions or activities upon the Railroad Property known to Contractor which create a risk of harm to persons, property or the environment and shall take all reasonable actions necessary to prevent injury to persons or property arising out of such conditions or activities; provided, however, that Contractor's reporting to Railroad shall not relieve Contractor of any obligation whatsoever imposed on it by this Agreement. Contractor shall promptly respond to Railroad's request for information regarding said conditions or activities.

vii) Notwithstanding anything in this Section 5, the parties agree that BNSF has no duty

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or obligation to monitor Contractor's use of the property or right of way to determine Contractor's compliance with Environmental Laws, it being solely Contractor's responsibility to ensure that Contractor's use is compliant. Regulatory plans and a minimum of two (2) years of records/inspections shall be readily available. Contractor shall promptly provide the same to the Railroad upon request.

viii) "Environmental Law(s)" shall mean any federal, state, local, or tribal law, statute, ordinance, code, rule, regulation, policy, common law, license, authorization, decision, order, or injunction which pertains to health, safety, any Hazardous Material, or the environment (including but not limited to ground, air, water, or noise pollution or contamination, and underground or above-ground tanks) and shall include, without limitation, CERCLA 42 U.S.C. §9601 et seq.; the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq., CERCLA; the Hazardous Materials Transportation Act, 49 U.S.C. §5101 et seq.; the Federal Water Pollution Control Act, 33 U.S.C. §1251 et seq.; the Clean Air Act, 42 U.S.C. §7401 et seq.; the Toxic Substances Control Act, 15 U.S.C. §2601 et seq.; the Safe Drinking Water Act, 42 U.S.C. §300f et seq.; the Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001 et seq.; the Federal Insecticide, Fungicide and Rodenticide Act, 7 U.S.C. 136 to 136y; the Oil Pollution Act, 33 U.S.C. 2701 et seq.; and the Occupational Safety and Health Act, 29 U.S.C. 651 et seq.; all as have been amended from time to time, and any other federal, state, local, or tribal environmental requirements, together with all rules, regulations, orders, and decrees now or hereafter promulgated under any of the foregoing, as any of the foregoing now exist or may be changed or amended or come into effect in the future.

ix) "Hazardous Material(s)" shall include but shall not be limited to any substance, material, or waste that is regulated by any Environmental Law or otherwise regulated by any federal, state, local, or tribal governmental authority because of toxic, flammable, explosive, corrosive, reactive, radioactive or other properties that may be hazardous to human health or the environment, including without limitation asbestos and asbestos-containing materials, radon, petroleum and petroleum products, urea formaldehyde foam insulation, methane, lead-based paint, polychlorinated biphenyl compounds, hydrocarbons or like substances and their additives or constituents, pesticides, agricultural chemicals, and any other special, toxic, or hazardous (i) substances, (ii) materials, or (iii) wastes of any kind, including without limitation those now or hereafter defined, determined, or identified as "hazardous chemicals," "hazardous substances," "hazardous materials," "toxic substances," or "hazardous wastes" in any Environmental Law.

6) EXHIBIT "C" CONTRACTOR REQUIREMENTS

A. The Contractor must observe and comply with all provisions, obligations, requirements and limitations contained in the Agreement, and the Contractor Requirements set forth on Exhibit "C" attached to the Agreement and this Agreement, including, but not be limited to, payment of all costs incurred for any damages to Railway roadbed, tracks, and/or appurtenances thereto, resulting from use, occupancy, or presence of its employees,

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representatives, or agents or subcontractors on or about the construction site. Contractor shall execute a Temporary Construction Crossing Agreement or Private Crossing Agreement (http://www.bnsf.com/communities/faqs/permits-real-estate/), for any temporary crossing requested to aid in the construction of this Project, if approved by BNSF.

7) TRAIN DELAY

A. Contractor is responsible for and hereby indemnifies and holds harmless Railway (including its affiliated railway companies, and its tenants) for, from and against all damages arising from any unscheduled delay to a freight or passenger train which affects Railway's ability to fully utilize its equipment and to meet customer service and contract obligations. Contractor will be billed, as further provided below, for the economic losses arising from loss of use of equipment, contractual loss of incentive pay and bonuses and contractual penalties resulting from train delays, whether caused by Contractor, or subcontractors, or by the Railway performing work under this Agreement. Railway agrees that it will not perform any act to unnecessarily cause train delay.

B. For loss of use of equipment, Contractor will be billed the current freight train hour rate per train as determined from Railway's records. Any disruption to train traffic may cause delays to multiple trains at the same time for the same period.

C. Additionally, the parties acknowledge that passenger, U.S. mail trains and certain other grain, intermodal, coal and freight trains operate under incentive/penalty contracts between Railway and its customer(s). Under these arrangements, if Railway does not meet its contract service commitments, Railway may suffer loss of performance or incentive pay and/or be subject to penalty payments. Contractor is responsible for any train performance and incentive penalties or other contractual economic losses actually incurred by Railway which are attributable to a train delay caused by Contractor or its subcontractors.

D. The contractual relationship between Railway and its customers is proprietary and confidential. In the event of a train delay covered by this Agreement, Railway will share information relevant to any train delay to the extent consistent with Railway confidentiality obligations. The rate then in effect at the time of performance by the Contractor hereunder will be used to calculate the actual costs of train delay pursuant to this agreement.

E. Contractor and its subcontractors must give BNSF Railway's representative Jeff Sinnott and DNRR Railway representatives Jason Bierwerth Email: mnnjb@kbninc.net, Martin Anderson Email: mnnma@kbninc.net, and Enriques (Rick) Schehr Email: eschehr@kbninc.net a minimum of 4-weeks advance notice of the times and dates for proposed work windows. Railway and Contractor will establish mutually agreeable work windows for the project. Railway has the right at any time to revise or change the work

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windows due to train operations or service obligations. Railway will not be responsible for any additional costs or expenses resulting from a change in work windows. Additional costs or expenses resulting from a change in work windows shall be accounted for in Contractor's expenses for the project.

F. Contractor and subcontractors must plan, schedule, coordinate and conduct all Contractor's work so as to not cause any delays to any trains.

SIGNATURE PAGE FOLLOWS

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IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be executed by its duly authorized officer the day and year first above written.

BNSF RAILWAY COMPANY	**Account Name**
Signature:_____	Signature:_____
Printed Name:_____	Printed Name:_____
Title: Manager Public Projects	Title:_____
Date:_____	Date:_____

Accepted and effective this _____day of 20__.

Contact Person:_____

Address:_____

City:_____

State:_____ Zip:_____

Fax:_____

Phone:_____

E-mail:_____

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EXHIBIT D

(Intentionally Deleted.)

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Exhibit E

NONDISCRIMINATION CLAUSES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the Contractor) agrees as follows:

1. Compliance with Regulations: The Contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, the Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. Solicitations for Subcontracts. Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the Contractor's obligations under this contract and the Acts and the Regulations relative to Non- discrimination on the grounds of race, color, or national origin.

4. Information and Reports: The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the Recipient or the Federal Highway Administration as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

   a. withholding payments to the Contractor under the contract until the Contractor complies; and/or
   b. cancelling, terminating, or suspending a contract, in whole or in part.

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6. Incorporation of Provisions: The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.,* 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.),* (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.),* as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.),* (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

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Exhibit E

- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

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EXHIBIT F

(Intentionally Deleted.)

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EXHIBIT G

(Intentionally Deleted.)

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EXHIBIT H

FORM OF EASEMENTS

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Law Department Approved

EASEMENT AGREEMENT
FOR ROADWAY CONSTRUCTION, MAINTENANCE AND USE

THIS EASEMENT AGREEMENT FOR ROADWAY CONSTRUCTION, MAINTENANCE AND USE ("**Easement Agreement**") is made and entered into as of the ____ day of _____ 20___ ("**Effective Date**"), by and between BNSF RAILWAY COMPANY, a Delaware corporation ("**Grantor**"), and NORTH DAKOTA DEPARTMENT OF TRANSPORTATION ("**Grantee**").

A Grantor owns or controls certain real property situated at or near the vicinity of City of Walhalla, County of Pembina, State of North Dakota, at Railroad Line Segment 251 Railroad Mile Post 47.87, [Project # SS-6-032(075)230 PCN 23896], as described or depicted on **Exhibit "A"** attached hereto and made a part hereof (the "**Premises**").

B. Grantee has requested that Grantor grant to Grantee an easement over the Premises for the Easement Purpose (as defined below).

C. Grantor has agreed to grant Grantee such easement, subject to the terms and conditions set forth in this Easement Agreement.

NOW, THEREFORE, for and in consideration of the foregoing recitals which are incorporated herein, the mutual promises contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1 Granting of Easement.

1.1 Easement Purpose. The "**Easement Purpose**" shall be the construction, maintenance and use of a public roadway and related improvements as described in the Construction and Maintenance Agreement covering the Premises that has been entered into between the parties hereto (collectively, "**Improvements**") to be constructed, located, configured and maintained by Grantee in strict accordance with the terms of this Easement Agreement and the Plans and Specifications (as hereinafter defined)**. This Agreement shall be subject to the terms of the Construction and Maintenance Agreement.**

1.2 Grant. Grantor does hereby grant unto Grantee a non-exclusive easement ("**Easement**") over the Premises for the Easement Purpose and for no other purpose. The Easement is granted subject to any and all restrictions, covenants, easements, licenses, permits, leases and other encumbrances of whatsoever nature whether or not of record, if any, relating to the Premises and subject to all Laws (as hereinafter defined), including without limitation zoning laws, regulations, and ordinances of municipal and other governmental authorities, if any.

1.3 Reservations by Grantor. Grantor excepts and reserves the right, to be exercised by Grantor and any other parties who may obtain written permission or authority from Grantor:

(a) to install, construct, maintain, renew, repair, replace, use, operate, change, modify and relocate any existing pipe, power, communication, cable, or utility lines and appurtenances and other facilities or structures of like character (collectively, "**Lines**") upon, over, under or across the Premises;

(b) to install, construct, maintain, renew, repair, replace, use, operate, change, modify and relocate any tracks or additional facilities or structures upon, over, under or across the Premises; and

(c) to use the Premises in any manner as the Grantor in its sole discretion deems appropriate, provided Grantor uses all commercially reasonable efforts to avoid

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material interference with the use of the Premises by Grantee for the Easement Purpose.

1.4 Term of Easement. The term of the Permanent Easement, Parcel 10A-1 unless sooner terminated under provisions of this Easement Agreement, shall be perpetual.

Section 2 Compensation. Grantee shall pay Grantor, prior to the Effective Date, the sum of ten thousand two hundred and seventy-six Dollars and 00/100 ($10,276.00) as compensation for the grant of this Easement.

Section 3 No Warranty of Any Conditions of the Premises. Grantee acknowledges that Grantor has made no representation whatsoever to Grantee concerning the state or condition of the Premises, or any personal property located thereon, or the nature or extent of Grantor's ownership interest in the Premises. Grantee has not relied on any statement or declaration of Grantor, oral or in writing, as an inducement to entering into this Easement Agreement, other than as set forth herein. GRANTOR HEREBY DISCLAIMS ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS OR IMPLIED, AS TO THE DESIGN OR CONDITION OF ANY PROPERTY PRESENT ON OR CONSTITUTING THE PREMISES, ITS MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, THE QUALITY OF THE MATERIAL OR WORKMANSHIP OF ANY SUCH PROPERTY, OR THE CONFORMITY OF ANY SUCH PROPERTY TO ITS INTENDED USES. GRANTOR SHALL NOT BE RESPONSIBLE TO GRANTEE OR ANY OF GRANTEE'S CONTRACTORS FOR ANY DAMAGES RELATING TO THE DESIGN, CONDITION, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY PROPERTY PRESENT ON OR CONSTITUTING THE PREMISES, OR THE CONFORMITY OF ANY SUCH PROPERTY TO ITS INTENDED USES. GRANTEE ACCEPTS ALL RIGHTS GRANTED UNDER THIS EASEMENT AGREEMENT IN THE PREMISES IN AN "AS IS, WHERE IS" AND "WITH ALL FAULTS" CONDITION, AND SUBJECT TO ALL LIMITATIONS ON GRANTOR'S RIGHTS, INTERESTS AND TITLE TO THE PREMISES. Grantee has inspected or will inspect the Premises, and enters upon Grantor's rail corridor and property with knowledge of its physical condition and the danger inherent in Grantor's rail operations on or near the Premises. Grantee acknowledges that this Easement Agreement does not contain any implied warranties that Grantee or Grantee's Contractors (as hereinafter defined) can successfully construct or operate the Improvements.

Section 4 Nature of Grantor's Interest in the Premises. GRANTOR DOES NOT WARRANT ITS TITLE TO THE PREMISES NOR UNDERTAKE TO DEFEND GRANTEE IN THE PEACEABLE POSSESSION OR USE THEREOF. NO COVENANT OF QUIET ENJOYMENT IS MADE. In case of the eviction of Grantee by anyone owning or claiming title to or any interest in the Premises, or by the abandonment by Grantor of the affected rail corridor, Grantor shall not be liable to refund Grantee any compensation paid hereunder.

Section 5 Plans and Specifications for Improvements. Grantee shall submit to Grantor for its review detailed information concerning the design, location and configuration of the Improvements ("**Plans and Specifications**"). As soon as reasonably practicable after Grantor's receipt of the Plans and Specifications and other information required by Grantor about the proposed location of the Improvements, Grantor will notify Grantee in writing whether or not, in Grantor's sole judgment, construction, maintenance, operation or removal of all or any part of the Improvements constructed in accordance with the Plans and Specifications would cause Grantee to violate any of the provisions of Section 6.3 hereof. Following any notice from Grantor that implementation of the Plans and Specifications would in Grantor's judgment cause Grantee to violate any of the provisions of Section 6.3 hereof, Grantee shall have the right to modify the location, configuration or other aspects of the Plans and Specifications of the proposed Improvements and to resubmit such modified information to Grantor for its further review. Despite Grantor's review of the Plans and Specifications, any deficiency in design or construction shall be solely the responsibility of Grantee.

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Section 6 Improvements.

6.1 Construction of Improvements. Grantee, and Grantee's Contractors, at Grantee's sole cost and expense, shall locate, configure, construct and maintain the Improvements: (i) in a good and workmanlike manner and in strict accordance with the Plans and Specifications pursuant to the provisions of **Section 5** above, (ii) in conformance with applicable building uses and all applicable engineering, safety and other Laws, (iii) in accordance with the highest accepted industry standards of care, skill and diligence, and (iv) in such a manner as shall not adversely affect the structural integrity or maintenance of the Premises, any structures on or near the Premises, or any lateral support of structures adjacent to or in the proximity of the Premises. The construction of the Improvements within the Premises shall be completed by Grantee and Grantee's Contractors within three (3) years after the Effective Date. Grantee shall provide as built drawings of all Improvements to Grantor promptly upon completion of construction and shall use its best efforts to cause such as built drawings to be electronically accessible to Grantor.

6.2 Maintenance of Improvements. Grantee shall at all times during the term of this Easement Agreement, at Grantee's sole cost and expense, keep and maintain the Improvements located upon the Premises in a structurally safe and sound condition, in good repair and in compliance with the Plans and Specifications and this Easement Agreement. Grantee shall also promptly repair any damage to the Premises or the Improvements caused, either in whole or in part, by Grantee Parties (as hereinafter defined). Grantee shall not cause or permit another person to cause any damage to the Premises or the Improvements, and Grantee shall be responsible for any such damage which may occur as a result of any Grantee Party's action or inaction. Grantee shall not permit the existence of any nuisance or the accumulation of junk, debris or other unsightly materials on the Premises and shall keep the Premises in a clean and safe condition. Grantee shall keep the Premises free and clear from combustible materials and to cut and remove or cause to be cut and removed at its sole expense all weeds and vegetation on the Premises, said work of cutting and removal to be done at such times and with such frequency as to comply with local Laws and regulations and abate any and all hazard of fire. Grantor shall have no obligation whatsoever, monetary or non-monetary, to maintain the Improvements in the Premises.

6.3 No Interference. During the construction of, and any subsequent maintenance performed on, operation of, or removal of, all or any portion of the Improvements, Grantee, at Grantee's sole cost, shall perform all activities and work on or near Grantor's rail corridor or property and/or the Premises in such a manner as to preclude injury to persons or damage to the property of Grantor, or any party on or with property on Grantor's rail corridor or property, and shall ensure that there is no interference with the railroad operations or other activities of Grantor, or anyone present on Grantor's rail corridor or property with the authority or permission of Grantor. Grantee shall not disturb any improvements of Grantor or Grantor's existing lessees, licensees, license beneficiaries or lien holders, if any, or interfere with the use of such improvements. Grantor may direct one of its field engineers to observe or inspect the construction, maintenance, operation or removal of the Improvements, or any portion thereof, at any time to ensure such safety and noninterference, and to ensure that the Improvements comply with the Plans and Specifications. If any Grantee Party is ordered at any time to leave the Premises or to halt any activity on the Premises, then the party conducting that activity immediately shall cease such activity and leave the Premises, if the order was issued by Grantor's personnel to promote safety, such noninterference with other activities or property, or because the Improvements were not in compliance with this Easement Agreement. Notwithstanding the foregoing right of Grantor, Grantor has no duty or obligation to observe or inspect, or to halt work on, the Premises, it being solely Grantee's responsibility to ensure that the Improvements are constructed, maintained, operated and removed in strict accordance with all Laws, safety measures, such noninterference and the Plans and Specifications and in compliance with all terms hereof. Neither the exercise nor the failure by Grantor to exercise any right set forth in this **Section 6.3** shall alter the liability allocation set forth in this Easement Agreement.

6.4 No Alterations. Except as may be shown in the Plans and Specifications for the Easement, Grantee may not make any alterations to the Premises, or permanently affix anything to the Premises, without Grantor's prior written consent. If Grantee desires to change either the location of any of the Improvements or any other aspect of the Plans and Specifications of any of the Improvements,

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Grantee shall submit such change and modified Plans and Specifications to Grantor in writing for its review in the same manner as provided for in **Section 5**. Grantee shall have no right to commence any such change until after Grantee has received Grantor's written comments of its review.

6.5 Approvals; Compliance with Laws and Safety Rules.

(a) Grantee shall take, in a timely manner, all actions necessary and proper to the lawful establishment, construction, operation, and maintenance of the Improvements, including such actions as may be necessary to obtain any required approvals or authorizations from applicable governmental authorities.

(b) Prior to entering the Premises, and at all times during the term of this Easement Agreement, Grantee shall comply, and shall cause its contractor, any subcontractor, any assignee, and any contractor or subcontractor of any assignee performing work on the Premises or entering the Premises on behalf of Grantee (collectively, "**Grantee's Contractors**"), to comply, with all applicable federal, state and local laws, regulations, ordinances, restrictions, covenants and court or administrative decisions and orders, including Environmental Laws (defined below) (collectively, "**Laws**"), and all of Grantor's applicable safety rules and regulations including those found on the website noted below in **Section 6.5(c)**.

(c) No employees of Grantee's Contractors, or its subcontractors, agents or invitees, may enter the Premises without first having completed Grantor's safety orientation found on the website: www.contractororientation.com.

6.6 Other Improvements. In the event any construction, repair, maintenance, work or other use of the Premises by Grantee will affect any Lines, fences, buildings, improvements or other facilities (collectively, "**Other Improvements**"), Grantee will be responsible at Grantee's sole risk to locate and make any adjustments necessary to such Other Improvements. Grantee must contact the owner(s) of the Other Improvements notifying them of any work that may damage these Other Improvements and/or interfere with their service and obtain the owner's written approval prior to so affecting the Other Improvements. Grantee must mark all Other Improvements on the Plans and Specifications and mark such Other Improvements in the field in order to verify their locations. Grantee must also use all reasonable methods when working on or near Grantor property to determine if any Other Improvements (fiber optic, cable, communication or otherwise) may exist.

6.7 Flagging and Other Costs. Grantee shall not conduct any activities on, or be present on, any portion of the Premises or Grantor's rail corridor or property that is within twenty-five (25) feet of any active railroad track, except in the presence of a flagman. In any case where a flagman or flagmen are required in connection with the presence of individuals on Grantor's rail corridor or the Premises, Grantee shall provide as much advance notice as possible prior to any entry upon the Premises. Grantor shall arrange for the presence of the flagman or flagmen as soon as practicable after receipt of such notice from Grantee. Grantee shall reimburse to Grantor, within thirty (30) days following Grantee's receipt of each bill therefor, Grantor's costs in arranging for and providing the flagman or flagmen, which shall be billed to Grantee at Grantor's then applicable standard rate. The estimated cost of one flagger as of the Effective Date is $800 for an eight hour basic day with time and one-half or double time for overtime, rest days and holidays, plus the cost of any vehicle rental costs or other out-of-pocket costs. Grantee agrees to reimburse Grantor (within ninety(90) days after receipt of a bill therefor) for all other costs and expenses incurred by Grantor in connection with Grantee's use of the Premises or the presence, construction, maintenance, and use of the Improvements situated thereon.

6.8 No Unauthorized Tests or Digging. Grantee, and Grantee's Contractors, must not conduct any tests, investigations or any other activity using mechanized equipment and/or machinery, or place or store any mechanized equipment, tools or other materials, within twenty-five (25) feet of the

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centerline of any railroad track on Grantor's rail corridor or property (whether or not such centerline is located within the Premises), except after Grantee has obtained written approval from Grantor, and then only in strict accordance with the terms and any conditions of such approval.

6.9 Boring. Prior to conducting any boring work on or near Grantor's rail corridor or property (which shall only be permitted within the Premises), Grantee and Grantee's Contractors shall explore the proposed location for such work with hand tools to a depth of at least three (3) feet below the surface of the ground to determine whether pipelines or other structures exist below the surface, provided, however, that in lieu of the foregoing, Grantee shall have the right to use suitable detection equipment or other generally accepted industry practice (e.g., consulting with the Underground Services Association) to determine the existence or location of pipelines and other subsurface structures prior to drilling or excavating with mechanized equipment. Upon Grantee's written request, which shall be made thirty (30) business days in advance of Grantee's proposed construction or modification of Improvements, Grantor will provide to Grantee any information that Grantor has in the possession of its Engineering Department concerning the existence and approximate location of Grantor's underground utilities and pipelines at or near the vicinity of the proposed Improvements. Prior to conducting any boring work, Grantee, and Grantee's Contractors, shall review all such material. Grantor does not warrant the accuracy or completeness of information relating to subsurface conditions and Grantee's, and Grantee's Contractors', operations at all times shall be subject to the liability provisions set forth herein. For all bores greater than 20 inches in diameter and at a depth less than ten (10) feet below the bottom of a rail, Grantee, and Grantee's Contractors, shall perform a soil investigation which must be reviewed by Grantor prior to construction. This study is to determine if granular material is present, and to prevent subsidence during the installation process. If the investigation determines in Grantor's reasonable opinion that granular material is present, Grantor may select a new location for Grantee's use, or may require Grantee, and Grantee's Contractors, to furnish for Grantor's review and approval, in Grantor's sole discretion, a remedial plan to deal with the granular material. Once Grantor has approved any such remedial plan in writing, Grantee, and Grantee's Contractors, at Grantee's sole cost, shall carry out the approved plan in accordance with all terms thereof and hereof. Any open hole, boring or well constructed on the Premises by Grantee, or Grantee's Contractors, shall be safely covered and secured at all times when anyone who is not creating it, working in it or using it as permitted hereunder is present in the actual vicinity thereof. Following completion of that portion of the work, all holes or borings constructed on the Premises shall be promptly filled in by Grantee and Grantee's Contractors to surrounding ground level with compacted bentonite grout, or otherwise secured or retired in accordance with any applicable Laws. No excavated materials may remain on Grantor's rail corridor or property for more than ten (10) days, and must be properly disposed of by Grantee and Grantee's Contractors in accordance with applicable Laws.

6.10 Drainage of Premises and Property. Any and all cuts and fills, excavations or embankments necessary in the construction, maintenance, or future alteration of the Premises shall be made and maintained by Grantee in such manner, form and to the extent as will provide adequate drainage of and from the Premises and Grantor’s adjoining right of way; and wherever any such fill or embankment shall or may obstruct the natural and pre-existing drainage from the Property and Grantor’s adjoining right of way, Grantee shall construct and maintain such culverts or drains within the Premises as may be requisite to preserve such natural and pre-existing drainage. Grantee shall wherever necessary, construct extensions of existing drains, culverts or ditches through or along the Premises, such extensions to be of adequate sectional dimensions to preserve flowage of drainage or other waters, and/or material and workmanship equally as good as those now existing.

6.11 Modification, Relocation or Removal of Improvements. If at any time, Grantor desires the use of its rail corridor in such a manner that, in Grantor's reasonable opinion, would be interfered with by any portion of the Improvements or the Easement, Grantee, at Grantee's sole cost, shall make such changes in the Improvements and/or Premises that, in the sole discretion of Grantor, are necessary to avoid interference with the proposed use of Grantor's property, including, without limitation, Grantee relocating or removing all or a portion of the Improvements from the Premises. Grantor acknowledges that, in some instances, Improvements will not need to be moved or removed from the Premises, but can be protected in place, subject to approval by Grantor's engineering department. Where it is practicable to do so, Grantor shall provide to Grantee at least one hundred twenty (120) days prior written notice that

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Improvements must be modified, removed or relocated, and in circumstances where one hundred twenty (120) days notice is not practicable, Grantor shall provide to Grantee as much notice as it reasonably can, and in no case less than twenty (20) days prior written notice. Grantee shall ensure that all Improvements are modified, removed or relocated as required on or before the date set forth in Grantor's written notice.

Section 7 Indemnification.

7.1 TO THE FULLEST EXTENT PERMITTED BY LAW, GRANTEE SHALL CAUSE GRANTEE'S CONTRACTORS AND SUBCONTRACTORS TO, RELEASE, INDEMNIFY, DEFEND AND HOLD HARMLESS GRANTOR AND GRANTOR'S AFFILIATED COMPANIES, PARTNERS, SUCCESSORS, ASSIGNS, LEGAL REPRESENTATIVES, OFFICERS, DIRECTORS, SHAREHOLDERS, EMPLOYEES AND AGENTS (COLLECTIVELY, "INDEMNITEES") FOR, FROM AND AGAINST ANY AND ALL CLAIMS, LIABILITIES, FINES, PENALTIES, COSTS, DAMAGES, LOSSES, LIENS, CAUSES OF ACTION, SUITS, DEMANDS, JUDGMENTS AND EXPENSES (INCLUDING, WITHOUT LIMITATION, COURT COSTS, ATTORNEYS' FEES AND COSTS OF INVESTIGATION, REMOVAL AND REMEDIATION AND GOVERNMENTAL OVERSIGHT COSTS) ENVIRONMENTAL OR OTHERWISE (COLLECTIVELY, "LIABILITIES") OF ANY NATURE, KIND OR DESCRIPTION OF ANY PERSON OR ENTITY DIRECTLY OR INDIRECTLY ARISING OUT OF, RESULTING FROM OR RELATED TO (IN WHOLE OR IN PART):

(i) THIS EASEMENT AGREEMENT, INCLUDING, WITHOUT LIMITATION, ITS ENVIRONMENTAL PROVISIONS,

(ii) ANY RIGHTS OR INTERESTS GRANTED PURSUANT TO THIS EASEMENT AGREEMENT,

(iii) OCCUPATION AND USE OF THE PREMISES BY GRANTEE OR GRANTEE'S CONTRACTORS, SUBCONTRACTORS, AGENTS, INVITEES, LESSEES OR LICENSEES, OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, OR ANYONE THEY CONTROL OR EXERCISE CONTROL OVER (INDIVIDUALLY, A "GRANTEE PARTY," AND COLLECTIVELY, "GRANTEE PARTIES"),

(iv) THE ENVIRONMENTAL CONDITION AND STATUS OF THE PREMISES CAUSED BY OR CONTRIBUTED TO BY GRANTEE PARTIES, OR

(v) ANY ACT OR OMISSION OF GRANTEE PARTIES,

EVEN IF SUCH LIABILITIES ARISE FROM OR ARE ATTRIBUTED TO ANY NEGLIGENCE OF ANY INDEMNITEE. THE ONLY LIABILITIES WITH RESPECT TO WHICH GRANTEE'S CONTRACTORS AND SUBCONTRACTORS ARE NOT REQUIRED TO INDEMNIFY AN INDEMNITEE ARE LIABILITIES (1) TO THE EXTENT THAT THEY ARE PROXIMATELY CAUSED BY THE GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF THAT INDEMNITEE, OR (2) THAT ARE WHOLLY CAUSED BY THE SOLE NEGLIGENCE OF THAT INDEMNITEE.

7.2 GRANTEE SHALL CAUSE GRANTEE'S CONTRACTORS AND SUBCONTRACTORS TO NOW AND FOREVER WAIVE ANY AND ALL CLAIMS, REGARDLESS WHETHER BASED ON STRICT LIABILITY, NEGLIGENCE OR OTHERWISE, THAT GRANTOR IS AN "OWNER", "OPERATOR", "ARRANGER", OR "TRANSPORTER" WITH RESPECT TO THE IMPROVEMENTS FOR THE PURPOSES OF CERCLA OR OTHER ENVIRONMENTAL LAWS. NOTWITHSTANDING THE LIMITATION IN SECTION 7.1, GRANTEE'S CONTRACTORS AND SUBCONTRACTORS SHALL INDEMNIFY, DEFEND AND HOLD THE INDEMNITEES HARMLESS FROM ANY AND ALL SUCH CLAIMS REGARDLESS OF THE NEGLIGENCE OF THE INDEMNITEES. GRANTEE FURTHER AGREES THAT THE USE OF THE PREMISES AS CONTEMPLATED BY THIS EASEMENT AGREEMENT SHALL NOT IN ANY WAY SUBJECT GRANTOR TO CLAIMS THAT GRANTOR IS

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OTHER THAN A COMMON CARRIER FOR PURPOSES OF ENVIRONMENTAL LAWS, AND GRANTEE'S CONTRACTORS AND SUBCONTRACTORS SHALL INDEMNIFY, DEFEND, AND HOLD THE INDEMNITEES HARMLESS FROM ANY AND ALL SUCH CLAIMS.

7.3 GRANTEE SHALL CAUSE ITS CONTRACTORS AND SUBCONTRACTORS, REGARDLESS OF ANY NEGLIGENCE OR ALLEGED NEGLIGENCE OF ANY INDEMNITEE, TO INDEMNIFY AND HOLD HARMLESS THE INDEMNITEES AGAINST, AND ASSUME THE DEFENSE OF, ANY LIABILITIES ASSERTED AGAINST OR SUFFERED BY ANY INDEMNITEE UNDER OR RELATED TO THE FEDERAL EMPLOYERS' LIABILITY ACT ("FELA") WHENEVER EMPLOYEES OF GRANTEE OR ANY OF ITS AGENTS, INVITEES, CONTRACTORS OR SUBCONTRACTORS CLAIM OR ALLEGE THAT THEY ARE EMPLOYEES OF ANY INDEMNITEE OR OTHERWISE. THIS INDEMNITY SHALL ALSO EXTEND, ON THE SAME BASIS, TO FELA CLAIMS BASED ON ACTUAL OR ALLEGED VIOLATIONS OF ANY FEDERAL, STATE OR LOCAL LAWS OR REGULATIONS, INCLUDING BUT NOT LIMITED TO THE SAFETY APPLIANCE ACT, THE BOILER INSPECTION ACT, THE OCCUPATIONAL HEALTH AND SAFETY ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT, AND ANY SIMILAR STATE OR FEDERAL STATUTE.

7.4 UPON WRITTEN NOTICE FROM GRANTOR, GRANTEE'S CONTRACTORS AGREE TO ASSUME THE DEFENSE OF ANY LAWSUIT OR OTHER PROCEEDING BROUGHT AGAINST ANY INDEMNITEE BY ANY ENTITY, RELATING TO ANY MATTER COVERED BY THIS EASEMENT AGREEMENT FOR WHICH GRANTEE'S CONTRACTORS HAVE AN OBLIGATION TO ASSUME LIABILITY FOR AND/OR SAVE AND HOLD HARMLESS ANY INDEMNITEE. GRANTEE'S CONTRACTORS SHALL PAY ALL COSTS INCIDENT TO SUCH DEFENSE, INCLUDING, BUT NOT LIMITED TO, ATTORNEYS' FEES, INVESTIGATORS' FEES, LITIGATION AND APPEAL EXPENSES, SETTLEMENT PAYMENTS, AND AMOUNTS PAID IN SATISFACTION OF JUDGMENTS. IT IS UNDERSTOOD BY THE PARTIES THAT GRANTEE WILL HAVE NO DIRECT CONTRACT WITH ITS CONTRACTORS' SUBCONTRACTORS AND THAT GRANTEE SHALL BE DEEMED TO BE IN COMPLIANCE WITH THIS SECTION 7 BY REQUIRING BY CONTRACT THAT GRANTEE'S CONTRACTORS REQUIRE THAT EACH OF THEIR SUBCONTRACTORS COMPLY WITH THE TERMS OF THIS SECTION 7 AND SECTION 8 HEREOF.

Section 8 Insurance. terms shall be as specified in the Construction and Maintenance Agreement referenced in Section 1.1.

Section 9 Environmental.

9.1 Compliance with Environmental Laws. Grantee shall strictly comply with all federal, state and local environmental Laws in its use of the Premises, including, but not limited to, the Resource Conservation and Recovery Act, as amended (RCRA), the Clean Water Act, the Oil Pollution Act, the Hazardous Materials Transportation Act, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Toxic Substances Control Act (collectively referred to as the "**Environmental Laws**"). Grantee shall not maintain a "treatment," "storage," "transfer" or "disposal" facility, or "underground storage tank," as those terms are defined by Environmental Laws, on the Premises. Grantee shall not handle, transport, release or suffer the release of "hazardous waste" or "hazardous substances", as "hazardous waste" and "hazardous substances" may now or in the future be defined by any Environmental Laws.

9.2 All soils and materials to be removed from the Grantor's property or right of way must be properly disposed of at an appropriately-licensed facility, at Grantee's expense, in accordance with all Environmental Laws. Grantee, at Grantee's expense, must ensure that all such materials are properly characterized, managed, and transported prior to disposal. Grantee shall be deemed the "Generator" of any and all such materials and waste, as defined in Environmental Laws.

9.3 Notice of Release. Grantee shall give Grantor immediate notice to Grantor's Resource Operations Center at (800) 832-5452 of any release of hazardous substances on or from the Premises, violation of Environmental Laws, or inspection or inquiry by governmental authorities charged with

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enforcing Environmental Laws with respect to Grantee's use of the Premises. Grantee shall use its best efforts to promptly respond to any release on or from the Premises. Grantee also shall give Grantor immediate notice of all measures undertaken on behalf of Grantee to investigate, remediate, respond to or otherwise cure such release or violation.

9.4 Remediation of Release. In the event that Grantor has notice from Grantee or otherwise of a release or violation of Environmental Laws which occurred or may occur during the term of this Easement Agreement, and was caused, contributed to, aggravated or made more dangerous by the actions or inaction of Grantee or one of its contractors, subcontractors, agents, lessees, licensees or invitees, Grantor may require Grantee, at Grantee's sole risk and expense, to take timely measures to investigate, remediate, respond to or otherwise cure such release or violation affecting the Premises. If during the construction or subsequent maintenance of the Improvements, soils or other materials considered to be environmentally contaminated are exposed, Grantee will remove and safely dispose of said contaminated soils. Determination of soils contamination and applicable disposal procedures thereof, will be made only by an agency having the capacity and authority to make such a determination.

9.5 Preventative Measures. Grantee shall promptly report to Grantor in writing any conditions or activities upon the Premises known to Grantee which create a risk of harm to persons, property or the environment and shall take whatever action is necessary to prevent injury to persons or property arising out of such conditions or activities; provided, however, that Grantee's reporting to Grantor shall not relieve Grantee of any obligation whatsoever imposed on it by this Easement Agreement. Grantee shall promptly respond to Grantor's request for information regarding said conditions or activities.

9.6 Evidence of Compliance. Grantee agrees to furnish to Grantor, upon receiving a written request from Grantor, proof satisfactory to Grantor that Grantee is in compliance with this **Section 9**. Should Grantee not comply fully with the above-stated obligations of this **Section 9**, or correct any noncompliance within thirty (30) days of its receipt of information concerning such noncompliance, then, notwithstanding anything contained in any other provision hereof, Grantor, at its option, may terminate this Easement Agreement by serving thirty (30) days' notice of termination upon Grantee. Upon termination, Grantee shall remove the Improvements and restore the Premises as provided in **Section 12**.

Section 10 PERSONAL PROPERTY WAIVER. ALL PERSONAL PROPERTY, INCLUDING, BUT NOT LIMITED TO, FIXTURES, EQUIPMENT, OR RELATED MATERIALS UPON THE PREMISES WILL BE AT THE RISK OF GRANTEE ONLY, AND NO INDEMNITEE WILL BE LIABLE FOR ANY DAMAGE THERETO OR THEFT THEREOF, WHETHER OR NOT DUE IN WHOLE OR IN PART TO THE NEGLIGENCE OF ANY INDEMNITEE.

Section 11 Default and Termination.

11.1 Grantor's Performance Rights. If at any time Grantee, or Grantee's Contractors, fails to properly perform its obligations under this Easement Agreement, Grantor, in its sole discretion, may: (i) seek specific performance of the unperformed obligations, or (ii) at Grantee's sole cost, may arrange for the performance of such work as Grantor deems necessary for the safety of its rail operations, activities and property, or to avoid or remove any interference with the activities or property of Grantor, or anyone or anything present on the rail corridor or property with the authority or permission of Grantor. Grantee shall promptly reimburse Grantor for all costs of work performed on Grantee's behalf upon receipt of an invoice for such costs. Grantor's failure to perform any obligations of Grantee or Grantee's Contractors shall not alter the liability allocation set forth in this Easement Agreement.

11.2 Grantor's Termination Rights. Grantor may, at its option, terminate this Easement Agreement by serving five (5) days' notice in writing upon Grantee: (i) if default shall be made in any of the covenants or agreements of Grantee contained in this Easement Agreement, (ii) in case of any assignment or transfer of the Easement by operation of law, or (iii) if Grantee should abandon or cease to use the Premises for the Easement Purpose. Any waiver by Grantor of any default or defaults shall not constitute a waiver of the right to terminate this Easement Agreement for any subsequent default or

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defaults, nor shall any such waiver in any way affect Grantor's ability to enforce any section of this Easement Agreement.

11.3 Effect of Termination or Expiration. Neither termination nor expiration will release Grantee from any obligation under this Easement Agreement resulting from any acts, omissions or events happening prior to the date of termination or expiration, or, if later, the date the Premises are restored as required by **Section 12**.

11.4 Non-exclusive Remedies. The remedies set forth in this **Section 11** shall be in addition to, and not in limitation of, any other remedies that Grantor may have at law or in equity.

Section 12 Surrender of Premises.

12.1 Removal of Improvements and Restoration. Upon termination of this Easement Agreement, whether by abandonment of the Easement or by the exercise of Grantor's termination rights hereunder, Grantee shall, at its sole cost and expense, immediately perform the following:

(a) remove all or such portion of Grantee's Improvements and all appurtenances thereto from the Premises, as Grantor directs at Grantor's sole discretion;

(b) repair and restore any damage to the Premises arising from, growing out of, or connected with Grantee's use of the Premises;

(c) remedy any unsafe conditions on the Premises created or aggravated by Grantee; and

(d) leave the Premises in the condition which existed as of the Effective Date.

12.2 Limited License for Entry. If this Easement Agreement is terminated, Grantor may direct Grantee to undertake one or more of the actions set forth above, at Grantee's sole cost, in which case Grantee shall have a limited license to enter upon the Premises to the extent necessary to undertake the actions directed by Grantor. The terms of this limited license include all of Grantee's obligations under this Easement Agreement. Termination will not release Grantee from any obligation under this Easement Agreement resulting from any acts, omissions or events happening prior to the date of termination, or, if later, the date when Grantee's Improvements are removed and the Premises are restored to the condition that existed as of the Effective Date. If Grantee fails to surrender the Premises to Grantor upon any termination of the Easement, all obligations of Grantee hereunder shall continue in effect until the Premises are surrendered.

Section 13 Liens. Grantee shall promptly pay and discharge any and all liens arising out of any construction, alterations or repairs done, suffered or permitted to be done by Grantee on the Premises or attributable to Taxes that are the responsibility of Grantee pursuant to **Section 6**. Grantor is hereby authorized to post any notices or take any other action upon or with respect to the Premises that is or may be permitted by Law to prevent the attachment of any such liens to any portion of the Premises; provided, however, that failure of Grantor to take any such action shall not relieve Grantee of any obligation or liability under this **Section 13** or any other section of this Easement Agreement.

Section 14 Tax Exchange. Grantor reserves the right to assign this Easement Agreement to Apex Property & Track Exchange, Inc. ("**Apex**"). Apex is a qualified intermediary within the meaning of Section 1031 of the Internal Revenue Code of 1986, as amended, and Treas. Reg. § 1.1031(k)-1(g), for the purpose of completing a tax-deferred exchange under said Section 1031. Grantor shall bear all expenses associated with the use of Apex, or necessary to qualify this transaction as a tax-deferred exchange, and, except as otherwise provided herein, shall protect, reimburse, indemnify and hold harmless Grantee from and against any and all reasonable and necessary additional costs, expenses, including, attorneys fees,

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and liabilities which Grantee may incur as a result of Grantor's use of Apex or the qualification of this transaction as a tax-deferred transaction pursuant to Section 1031. Grantee shall cooperate with Grantor with respect to this tax-deferred exchange, and upon Grantor's request, shall execute such documents as may be required to effect this tax-deferred exchange.

Section 15 **Notices**. Any notice required or permitted to be given hereunder by one party to the other shall be in writing and the same shall be given and shall be deemed to have been served and given if (i) placed in the United States mail, certified, return receipt requested, or (ii) deposited into the custody of a nationally recognized overnight delivery service, addressed to the party to be notified at the address for such party specified below, or to such other address as the party to be notified may designate by giving the other party no less than thirty (30) days' advance written notice of such change in address.

If to Grantor: BNSF Railway Company
2650 Lou Menk Dr. – AOB2
Fort Worth, Texas 76131
Attn: Director of Real Estate

With a copy to: JLL Rail Practice Group
2650 Lou Menk Dr. AOB 2
Fort Worth, TX 76131
Attention: VP Portfolio Management

If to Grantee: North Dakota Department of Transportation
608 East Boulevard Avenue
Bismarck, North Dakota 58505-0700
Attn: Environmental and Transportation Services Division

Section 16 **Recordation**. It is understood and agreed that this Easement Agreement shall not be in recordable form and shall not be placed on public record and any such recording shall be a breach of this Easement Agreement. Grantor and Grantee shall execute a Memorandum of Easement in the form attached hereto as **Exhibit "B"** (the "**Memorandum of Easement**") subject to changes required, if any, to conform such form to local recording requirements. The Memorandum of Easement shall be recorded in the real estate records in the county where the Premises are located. If a Memorandum of Easement is not executed by the parties and recorded as described above within 90 days of the Effective Date, Grantor shall have the right to terminate this Easement Agreement upon notice to Grantee.

Section 17 **Miscellaneous**.

17.1 All questions concerning the interpretation or application of provisions of this Easement Agreement shall be decided according to the substantive Laws of the State of North Dakota without regard to conflicts of law provisions.

17.2 In the event that Grantee consists of two or more parties, all the covenants and agreements of Grantee herein contained shall be the joint and several covenants and agreements of such parties. This instrument and all of the terms, covenants and provisions hereof shall inure to the benefit of and be binding upon each of the parties hereto and their respective legal representatives, successors and assigns and shall run with and be binding upon the Premises.

17.3 If any action at law or in equity is necessary to enforce or interpret the terms of this Easement Agreement, the prevailing party or parties shall be entitled to reasonable attorneys' fees, costs and necessary disbursements in addition to any other relief to which such party or parties may be entitled.

17.4 If any provision of this Easement Agreement is held to be illegal, invalid or unenforceable under present or future Laws, such provision will be fully severable and this Easement Agreement will be

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construed and enforced as if such illegal, invalid or unenforceable provision is not a part hereof, and the remaining provisions hereof will remain in full force and effect. In lieu of any illegal, invalid or unenforceable provision herein, there will be added automatically as a part of this Easement Agreement a provision as similar in its terms to such illegal, invalid or unenforceable provision as may be possible and be legal, valid and enforceable.

17.5 This Easement Agreement is the full and complete agreement between Grantor and Grantee with respect to all matters relating to Grantee's use of the Premises, and supersedes any and all other agreements between the parties hereto relating to Grantee's use of the Premises as described herein. However, nothing herein is intended to terminate any surviving obligation of Grantee.

17.6 Time is of the essence for the performance of this Easement Agreement.

Witness the execution of this Easement Agreement as of the date first set forth above.

GRANTOR:

BNSF RAILWAY COMPANY, a Delaware corporation

By: _____

Name: Cary Hutchings

Title: General Director Real Estate

GRANTEE:

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

By: _____

Name: _____

Title: _____

Approved as to substance by:

Matt Gangness, P.E. - ENV. & TRAN. SERVICES
Division Director

_____
Signature

_____
Date

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Law Department Approved

EXHIBIT "A"

Premises

NDDOT PROJECT: SS-6-032(075)230– PEMBINA COUNTY

Parcel 10A-1 (Permanent Easement)

A portion of the SE1/4 of Section 20, Township 163 N, Range 56 W, of the 5th Principal Meridian, County of Pembina, State of North Dakota, as shown on plat 10A of 15 and described as follows:

Commencing at the intersection of Delano Ave. and Depot Street, which is also a point on the survey centerline, thence N 50 deg. 50 min. 30 sec. E a distance of 31.99 feet to a point on the southwesterly line of the BNSF railroad right-of-way; thence N 14 deg. 11 min. 21 sec. W along the BNSF right-of-way a distance of 16.55 feet to the POINT OF BEGINNING; thence continue N 14 deg. 11 min. 21 sec. W along the BNSF right-of-way a distance of 49.64 feet; thence N 50 deg. 50 min. 30 sec. E a distance of 330.93 feet to a point on the northeasterly line of the BNSF railroad right-of-way; thence S 14 deg. 11 min. 21 sec. E along the BNSF right-of-way a distance of 49.64 feet; thence S 50 deg. 50 min. 30 sec. W a distance of 330.93 feet to the POINT OF BEGINNING.

Said parcel is shown on the plat as Parcel 10A-1 and contains 14,892 SF more or less, and is subject to any easements or rights of way previously acquired.

END OF DESCRIPTION

The legal description was prepared by Gregory A. Kolden, North Dakota Department of Transportation, 608 East Boulevard Avenue, Bismarck, North Dakota, 58505-0700.

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Law Department Approved

EXHIBIT "B"

Memorandum of Easement

THIS MEMORANDUM OF EASEMENT is hereby executed this ___ day of _____, 20___, by and between BNSF RAILWAY COMPANY, a Delaware corporation ("**Grantor**"), whose address for purposes of this instrument is 2650 Lou Menk Drive- AOB 2, Fort Worth, Texas 76131, and North Dakota Department of Transportation, ("**Grantee**"), whose address for purposes of this instrument is 608 East Boulevard Avenue, Bismarck, North Dakota 58505-0700, which terms "Grantor" and "Grantee" shall include, wherever the context permits or requires, singular or plural, and the heirs, legal representatives, successors and assigns of the respective parties:

WITNESSETH:

WHEREAS, Grantor owns or controls certain real property situated in Cass County, North Dakota as described on **Exhibit "A"** attached hereto and incorporated herein by reference (the "**Premises**");

WHEREAS, Grantor and Grantee entered into an Easement Agreement, dated _____ (the "**Easement Agreement**") which set forth, among other things, the terms of an easement granted by Grantor to Grantee over and across a portion of the Premises (the "**Easement**"); and

WHEREAS, Grantor and Grantee desire to memorialize the terms and conditions of the Easement Agreement of record.

For valuable consideration the receipt and sufficiency of which are hereby acknowledged, Grantor does grant unto Grantee and Grantee does hereby accept from Grantor the Easement over and across the Premises.

The term of the Permanent Easement, unless sooner terminated under provisions of the Easement Agreement, shall be perpetual. Provisions regulating the use and purposes to which the Easement shall be limited, are set forth in detail in the Easement Agreement and Grantor and Grantee agree to abide by the terms of the Easement Agreement.

All the terms, conditions, provisions and covenants of the Easement Agreement are incorporated herein by this reference for all purposes as though written out at length herein, and both the Easement Agreement and this Memorandum of Easement shall be deemed to constitute a single instrument or document. This Memorandum of Easement is not intended to amend, modify, supplement, or supersede any of the provisions of the Easement Agreement and, to the extent there may be any conflict or inconsistency between the Easement Agreement or this Memorandum of Easement, the Easement Agreement shall control.

[Signature page follows]

Law Department Approved

IN WITNESS WHEREOF, Grantor and Grantee have executed this Memorandum of Easement to as of the date and year first above written.

GRANTOR:

BNSF RAILWAY COMPANY, a Delaware corporation

By: _____

Name: Cary Hutchings

Title: General Director Real Estate

GRANTEE:

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

By: _____

Name: _____

Title: _____

I certify that the full consideration paid for the property described in this Permanent Easement is

$_____ North Dakota Department of Transportation

_____As Agent MATT GANGNESS, Director of Environmental

& Transportation Services. Dated this ___ day of _____, 2026.

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Law Department Approved

STATE OF _____ §
§
COUNTY OF _____ §

This instrument was acknowledged before me on the ___ day of _____, 20__, by _____

_____(name) as _____(title) of BNSF RAILWAY COMPANY, a

Delaware Corporation.

_____
Notary Public

(Seal)

My appointment expires:_____

STATE OF _____ §
§
COUNTY OF _____ §

This instrument was acknowledged before me on the ___ day of _____, 20__, by _____

_____(name) as _____(title) of NORTH DAKOTA

DEPARTMENT OF TRANSPORTATION, a Government Agency.

_____
Notary Public

(Seal)

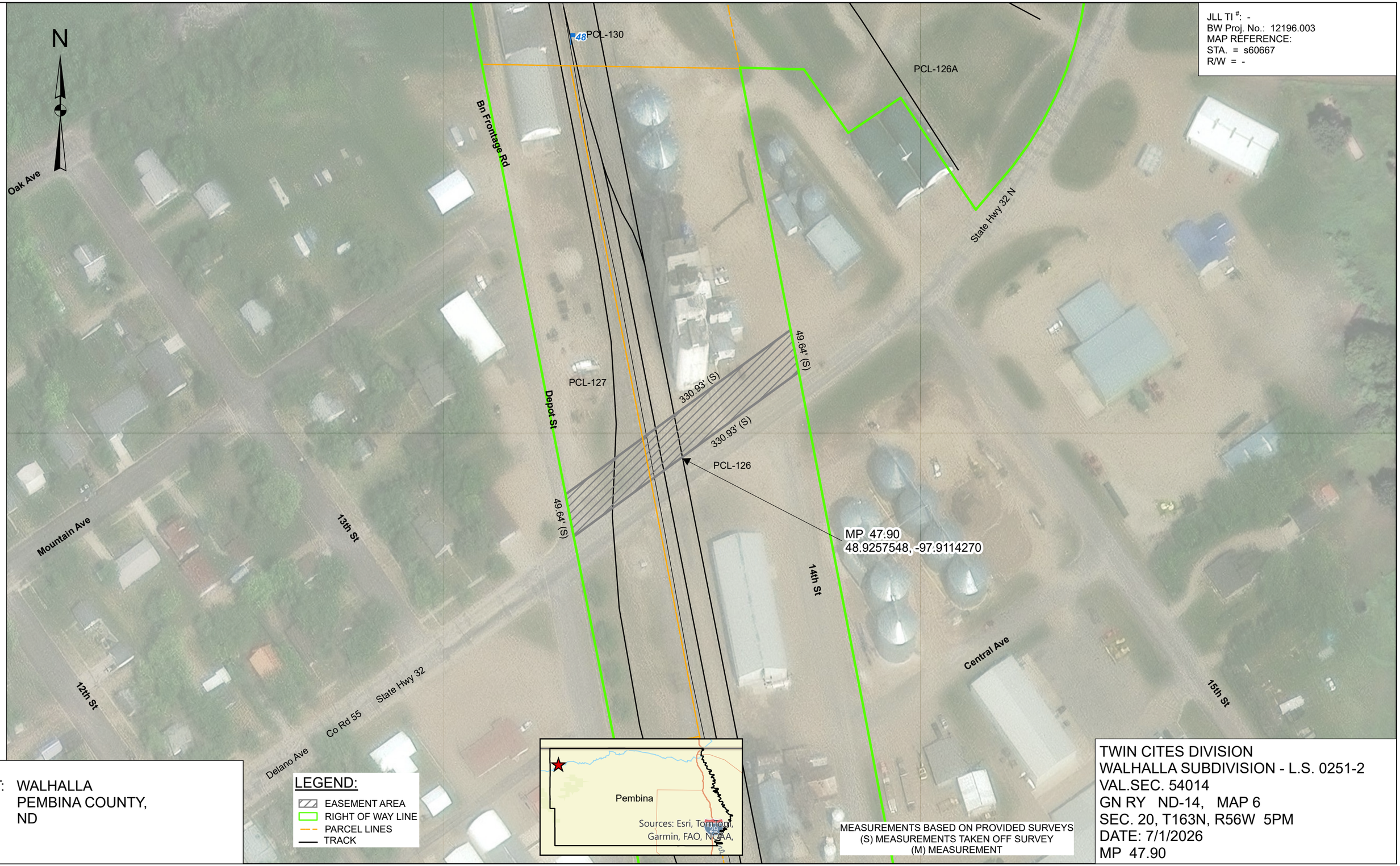
My appointment expires:_____

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

EXHIBIT "A"

SCALE: 1 IN = 100 FT

JLL TI #: -
BW Proj. No.: 12196.003
MAP REFERENCE:
STA. = s60667
R/W = -



This map used by BNSF RAILWAY COMPANY in the ordinary course of business, but it is subject to audit and should be used only with the expressed understanding the BNSF make no representations whatsoever about the quality, accuracy, errors or omissions relating to this map.

AT: WALHALLA
PEMBINA COUNTY,
ND

LEGEND:
- EASEMENT AREA
- RIGHT OF WAY LINE
- PARCEL LINES
- TRACK

MEASUREMENTS BASED ON PROVIDED SURVEYS
(S) MEASUREMENTS TAKEN OFF SURVEY
(M) MEASUREMENT

TWIN CITES DIVISION
WALHALLA SUBDIVISION - L.S. 0251-2
VAL.SEC. 54014
GN RY ND-14, MAP 6
SEC. 20, T163N, R56W 5PM
DATE: 7/1/2026
MP 47.90

DRAWN BY:GFR DRAWING NO. 102372

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Bartlett & West

General Information

☑ Exhibit # ☑ Tracking # (where applicable) ☑ Map ref (where applicable) ☑ North arrow (oriented correctly) ☑ Scale ☑ Division

☑ Subdivision ☑ LS ☑ MP ☑ Lat/Long ☑ Initials ☑ Station ☑ County/Parish (if Louisiana)

☑ State ☑ PLSS or Texas Survey (where applicable) ☑ ROW dimensions (where applicable) ☑ Legend (where applicable)

☑ Street names ☑ No nulls

Polygon Exhibit

☑ Dimensions of polygon (where applicable) ☑ DOT (private xing & resurfacing) ☑ Distance from polygon to track (land lease, temp occ, & sale)

Permit Line Exhibit

☐ Spec review ☐ Distance from road (if within public row) ☐ Is the line on the correct side of the road?

☐ Attaching to any existing features? If yes, are they under agreement or noted what was found? ☐ Does the line go from r/w to r/w? If no, is it noted why not or what is it connecting to?

☐ New electrical line exceeds 12.5kv and will require BNSF signal.

Engineering Tech Review Notes

☐ This permit application meets the minimum requirements of BNSF Utility Accommodation Policy

☐ This permit application requires BNSF ENG Review due to the following exceptions:

General Notes (if applicable)

Sale
14,892 sq ft
0.342 acres

Bartlett & West Preparer: Gerald F. Rochefort 07/01/2026

Bartlett & West Reviewer: Jordan Carroll 07/01/2026

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

SURVEYOR'S SEAL

This document is preliminary and not for recording or implementation purposes.

PRELIMINARY

XXX

Name

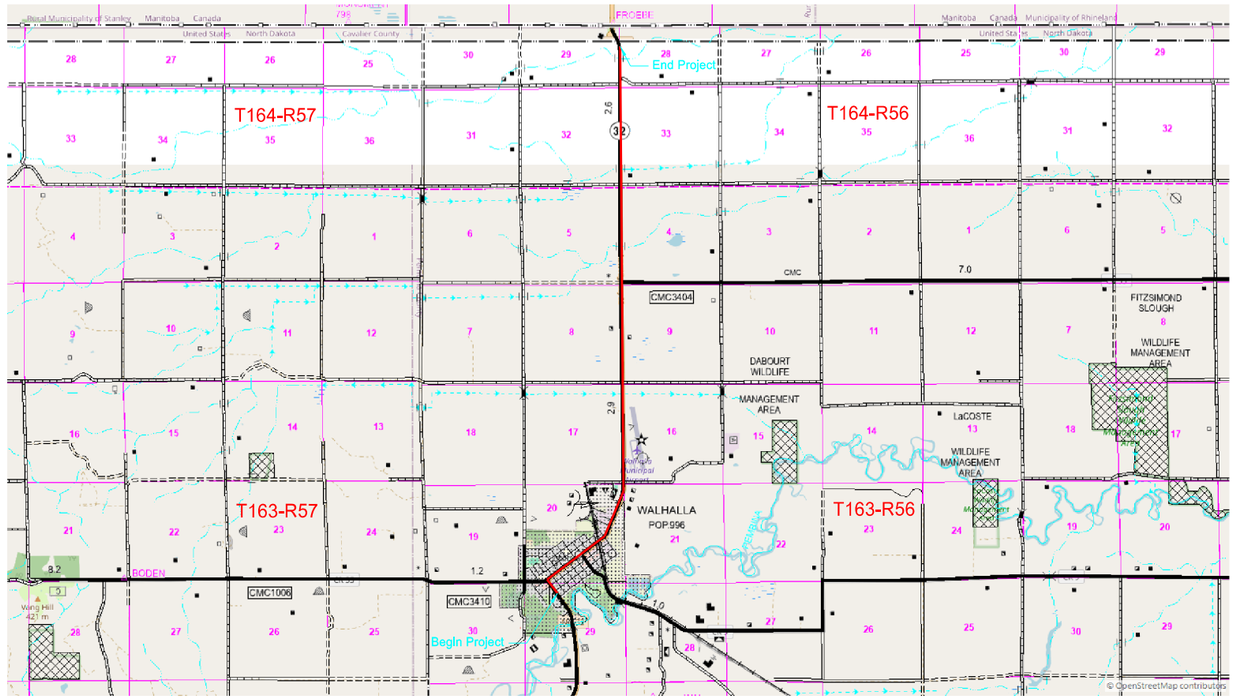
REGISTERED LAND SURVEYOR

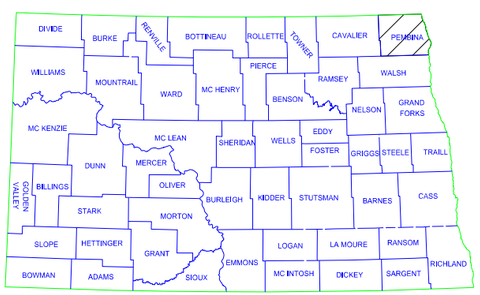
mm/dd/yy

DATE

For Recording Purposes Only

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAT of
SS-6-032(075)230
PCN. 23896
In
PEMBINA COUNTY





SKETCH MAP OF NORTH DAKOTA

PLAT NO.	PARCELS
1 of 15	1-1 to 1-4 (temp only)
2 of 15	All Parcels Eliminated
3 of 15	3-1 to 3-3 (temp only)
4 of 15	4-1 to 4-3 (temp only)
5 of 15	5-1 to 5-2 (temp only)
6 of 15	6-1 to 6-5 (temp only)
7 of 15	7-1 to 7-3 (temp only)
8 of 15	8-1 to 8-6 (temp only)
9 of 15	9-1 (temp only)
10 of 15	Not Drawn
10A of 15	10A-1 RR
11 of 15	11-1
12 of 15	12-1 (temp only)
13 of 15	13-2 (temp only)
14 of 15	14-1 to 14-2 (temp only)
15 of 15	15-1 (temp only)

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

DATE: 09/16/25
CHECKED BY L.S.: Gregory A. Kolden
DATE: 04/21/25
PLAT MADE BY: Derek Nagel
DATE SURVEY WAS COMPLETED: 04/03/2025

SE1/4 (RR R/W)
20-163-56
Parcel 10A-1 14,892 SF
Permanent Easement
BNFS Railway Company
2500 Lou Menk Drive - AOB3
Fort Worth, TX 76131

PROJECT NO.	PCN	PARCEL	PLAT NO.	SUPPLEMENTS
SS-6-032(075)	23896	10A-1	10A of 15	NONE
MILE 230				

PARCEL 10A-1 - Added 09/16/2025 [D. Nagel]
PARCEL 10A-1 - Changed acres to SF 09/22/2025 [D. Nagel]

Parcel 10A-1 (Permanent Easement)

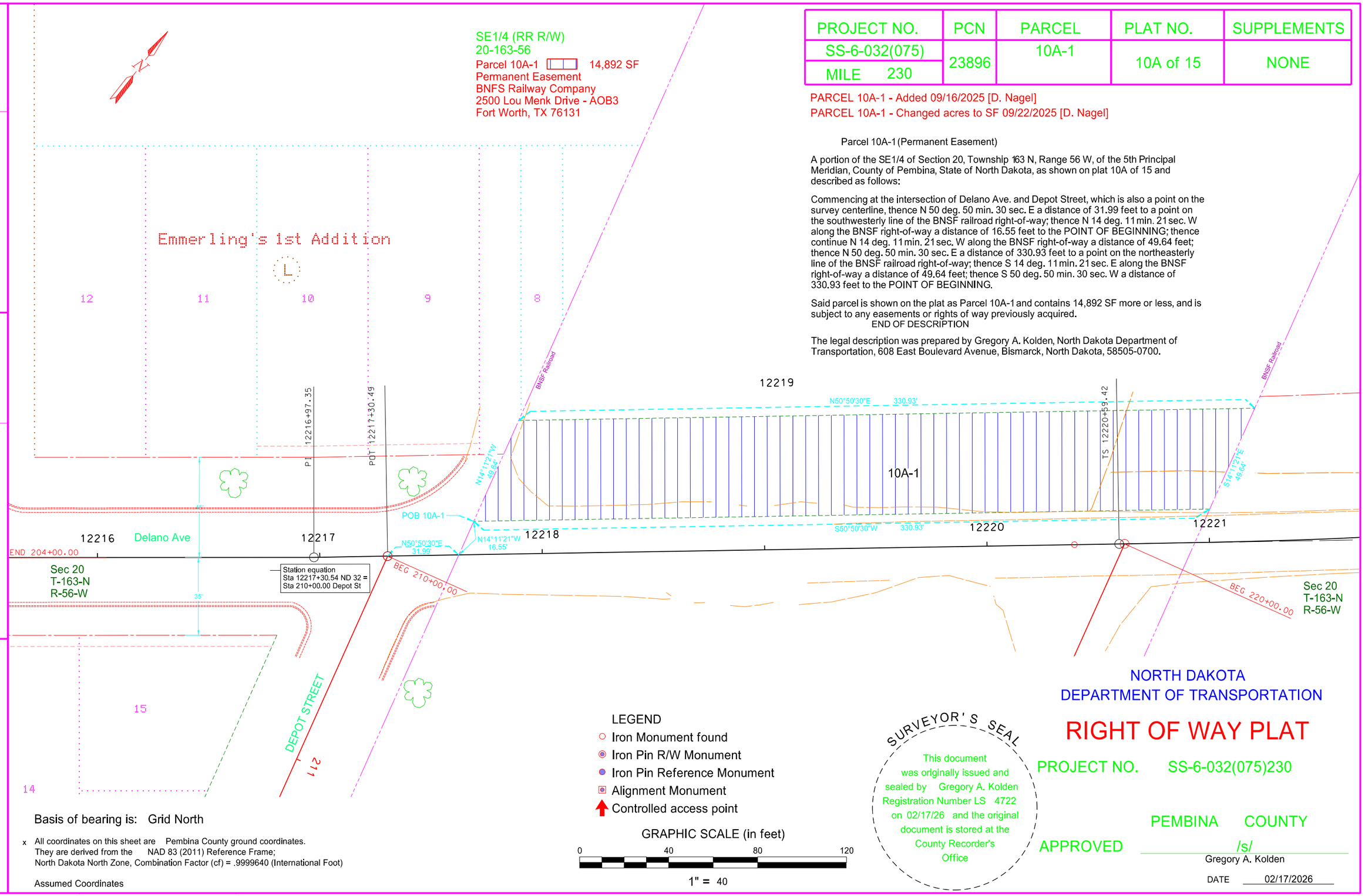
A portion of the SE1/4 of Section 20, Township 163 N, Range 56 W, of the 5th Principal Meridian, County of Pembina, State of North Dakota, as shown on plat 10A of 15 and described as follows:

Commencing at the intersection of Delano Ave. and Depot Street, which is also a point on the survey centerline, thence N 50 deg. 50 min. 30 sec. E a distance of 31.99 feet to a point on the southwesterly line of the BNSF railroad right-of-way; thence N 14 deg. 11 min. 21 sec. W along the BNSF right-of-way a distance of 16.55 feet to the POINT OF BEGINNING; thence continue N 14 deg. 11 min. 21 sec. W along the BNSF right-of-way a distance of 49.64 feet; thence N 50 deg. 50 min. 30 sec. E a distance of 330.93 feet to a point on the northeasterly line of the BNSF railroad right-of-way; thence S 14 deg. 11 min. 21 sec. E along the BNSF right-of-way a distance of 49.64 feet; thence S 50 deg. 50 min. 30 sec. W a distance of 330.93 feet to the POINT OF BEGINNING.

Said parcel is shown on the plat as Parcel 10A-1 and contains 14,892 SF more or less, and is subject to any easements or rights of way previously acquired.

END OF DESCRIPTION

The legal description was prepared by Gregory A. Kolden, North Dakota Department of Transportation, 608 East Boulevard Avenue, Bismarck, North Dakota, 58505-0700.



Basis of bearing is: Grid North

x All coordinates on this sheet are Pembina County ground coordinates.
They are derived from the NAD 83 (2011) Reference Frame;
North Dakota North Zone, Combination Factor (cf) = .9999640 (International Foot)

Assumed Coordinates

LEGEND
- Iron Monument found
- Iron Pin R/W Monument
- Iron Pin Reference Monument
- Alignment Monument
- Controlled access point

GRAPHIC SCALE (in feet)
0 40 80 120
1" = 40

SURVEYOR'S SEAL
This document was originally issued and sealed by Gregory A. Kolden Registration Number LS 4722 on 02/17/26 and the original document is stored at the County Recorder's Office

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

PROJECT NO. SS-6-032(075)230

PEMBINA COUNTY

APPROVED /s/
Gregory A. Kolden

DATE 02/17/2026

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

EXHIBIT I

DNRR ESTIMATE

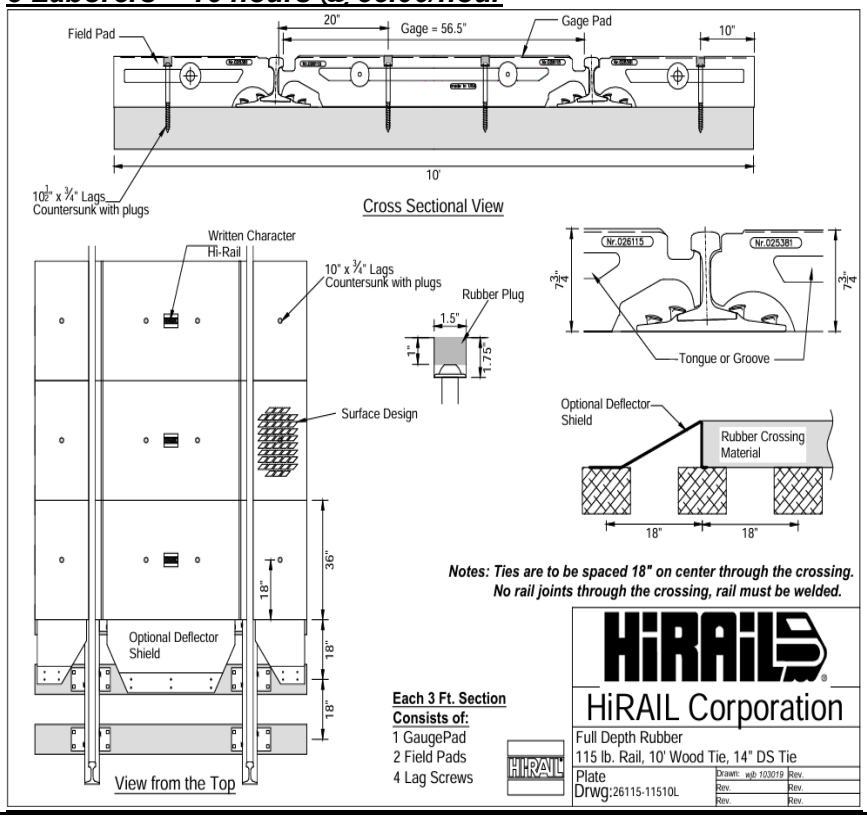
Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Dakota Northern Railroad
PO Box 705
Crookston, MN 56716
Phone: 218.281.4704
FAX: 218.281.1713

Quote

TO: Walhalla, ND
Pedestrian Crossing

DATE: September 10, 2025	INVOICE NO: Estimate

Product, Item or Service	Amount
Sidewalk crossing: ***Install 24 inside rubber panels and 48 field rubber panels. Install 24 new ties and surface and cut in new rails to remove joints within the crossings. Remove a couple sections of track to allow construction of the sidewalk.*** ***1. 24ft HiRail Full debt rubber grade crossing for 90lb Rail 64 - ¾" x 10 ½" Lag screws*** ***2. 24 - 8'6'' railroad ties*** ***3. 1 keg of spikes*** ***4. Thermite weld 6 joints*** ***5. Cross Bucks and Stop signs*** ***6. 1 Section Truck- 8 Hours @ $75.00/hour*** ***7. 1 Mini Ex-8 hour @ $75.00/hour*** ***8. 1 Project Manager Labor- 8 hours @ $85.00/hour*** ***9. 3 Laborers – 16 hours @ 55.00/hour*** 	***1. $41,112.00*** ***2. $2,700.00*** ***3. $200.00*** ***4. $12,900.00*** ***5. $600.00*** ***6. $600.00*** ***7. $600.00*** ***8. $680.00*** ***9. $1,320.00***
TOTAL	**$60,712.00**

Docusign Envelope ID: F34C1C31-D9A3-8316-83BB-23092F6058ED

Please make payment to:
Dakota Northern Railroad
PO Box 705
Crookston MN 56716
FEDERAL TAX ID: 65-0713653

Walhalla, ND pedestrian sidewalk

If you agree to the proposed estimate, please sign and date below. Materials for the project will be ordered as soon as we receive a fully executed quote.

Walhalla, ND:

Print Name: __JD Styron_____
Title: __Hwy/Rail Crossing Safety Manager_____

Signature: 
Date: __September 10, 2025____

Dakota Northern Railroad:

Jason Bierwerth
Manager of Operations

Signature: _____
Date: _____

Certificate Of Completion

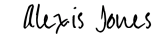
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PCN: 23896
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Signatures: 8
Certificate Pages: 7
Initials: 2
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-06:00) Central Time (US & Canada)

Envelope Originator:
Jennifer Einrem
608 E Boulevard Ave
Bismarck, ND 58505
jleinrem@nd.gov
IP Address: 165.234.92.124

Record Tracking

Status: Original
7/10/2026 11:20:39 AM
Holder: Jennifer Einrem
jleinrem@nd.gov
Location: DocuSign
Security Appliance Status: Connected
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Signer Events	Signature	Timestamp
Jennifer Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	**Completed** Using IP Address: 2001:4930:c800:4103::1a35	Sent: 7/10/2026 11:49:50 AM Viewed: 7/10/2026 11:50:21 AM Signed: 7/10/2026 11:56:41 AM
Jason Bierwerth mnnjb@kbninc.net Manager of Operations Dakota Northern Railroad Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	 Signature Adoption: Drawn on Device Using IP Address: 198.102.230.176 Signed using mobile	Sent: 7/10/2026 12:07:23 PM Viewed: 7/10/2026 12:17:13 PM Signed: 7/10/2026 12:29:12 PM
Monique Hollands mnnll@rrv.net Manager of Administration Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	 Signature Adoption: Pre-selected Style Using IP Address: 24.111.146.110	Sent: 7/10/2026 12:29:16 PM Resent: 7/10/2026 12:36:24 PM Viewed: 7/13/2026 8:44:05 AM Signed: 7/13/2026 8:44:20 AM
Richard Scott richard.scott2@bnsf.com Assistant Director Public Projects BNSF Railway Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	 Signature Adoption: Pre-selected Style Using IP Address: 136.226.110.107	Sent: 7/13/2026 10:11:52 AM Viewed: 7/15/2026 10:12:06 AM Signed: 7/15/2026 10:12:18 AM

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Alexis Jones Alexis.Jones@BNSF.com Manager of Public Projects Security Level: Email, Account Authentication (None)	 Signature Adoption: Pre-selected Style Using IP Address: 165.225.216.181	Sent: 7/15/2026 10:12:23 AM Viewed: 7/15/2026 12:36:47 PM Signed: 7/15/2026 12:36:57 PM
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Kirk Hoff khoff@nd.gov Design Engineer Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.253.7	Sent: 7/15/2026 12:40:44 PM Viewed: 7/15/2026 1:04:10 PM Signed: 7/15/2026 1:13:41 PM
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Jon Ketterling jketterl@nd.gov Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.92.2	Sent: 7/15/2026 1:13:45 PM Viewed: 7/15/2026 1:48:43 PM Signed: 7/15/2026 1:49:53 PM
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Electronic Record and Signature Disclosure: Not Offered via Docusign		
Nicole Lagasse nmlagasse@nd.gov Assistant CFO Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.253.12	Sent: 7/15/2026 1:49:57 PM Viewed: 7/15/2026 2:53:46 PM Signed: 7/15/2026 2:54:18 PM
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Electronic Record and Signature Disclosure: Not Offered via Docusign		

Signer Events	Signature	Timestamp
Clint Morgenstern cdmorgenstern@nd.gov SAAG Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.253.12	Sent: 7/15/2026 2:54:25 PM Viewed: 7/15/2026 3:45:24 PM Signed: 7/15/2026 3:55:10 PM

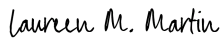
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Phone: +1 701-213-0588

Electronic Record and Signature Disclosure:
Not Offered via Docusign

Matt Linneman mlinneman@nd.gov Deputy Director for Engineering Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.253.8	Sent: 7/15/2026 3:55:16 PM Viewed: 7/16/2026 7:25:06 AM Signed: 7/16/2026 7:29:09 AM

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Phone: +1 701-299-8277

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Laureen M. Martin lmartin@nd.gov Security Level: Email, Account Authentication (None), Authentication	 Signature Adoption: Pre-selected Style Using IP Address: 165.234.253.8	Sent: 7/16/2026 7:29:14 AM Viewed: 7/16/2026 7:32:48 AM Signed: 7/16/2026 7:33:04 AM

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Phone: +1 701-954-0575

Electronic Record and Signature Disclosure:
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In Person Signer Events	Signature	Timestamp

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Jen Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Login with SSO	VIEWED Using IP Address: 165.234.252.245	Sent: 7/10/2026 11:20:57 AM Viewed: 7/10/2026 11:22:19 AM Completed: 7/10/2026 11:43:25 AM

Electronic Record and Signature Disclosure:

Editor Delivery Events	Status	Timestamp
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Jennifer Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	VIEWED Using IP Address:	Sent: 7/10/2026 11:43:27 AM Completed: 7/10/2026 11:49:49 AM Freeform Signing
Jennifer Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Login with SSO **Electronic Record and Signature Disclosure:** Not Offered via Docusign	VIEWED Using IP Address: 165.234.253.7	Sent: 7/13/2026 8:44:24 AM Viewed: 7/13/2026 9:33:22 AM Completed: 7/13/2026 9:44:39 AM Freeform Signing
Jennifer Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None), Login with SSO **Electronic Record and Signature Disclosure:** Not Offered via Docusign	VIEWED Using IP Address: 165.234.253.7	Sent: 7/15/2026 12:37:01 PM Viewed: 7/15/2026 12:39:40 PM Completed: 7/15/2026 12:40:43 PM Freeform Signing
Amy Davis davisamy@nd.gov Security Level: Email, Account Authentication (None), Login with SSO **Electronic Record and Signature Disclosure:** Not Offered via Docusign	VIEWED Using IP Address: 2001:4930:c800:4103::25b9	Sent: 7/13/2026 9:44:41 AM Resent: 7/16/2026 7:33:24 AM Viewed: 7/13/2026 9:47:26 AM Completed: 7/16/2026 7:37:50 AM Freeform Signing

Agent Delivery Events	Status	Timestamp

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Certified Delivery Events	Status	Timestamp
Alexis Jones Alexis.Jones@BNSF.com Manager of Public Projects Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	VIEWED Using IP Address: 165.225.57.175	Sent: 7/10/2026 11:56:45 AM Resent: 7/10/2026 12:04:58 PM Viewed: 7/10/2026 12:07:22 PM

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DOT Legal Admin dotlegaladmin@nd.gov Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/15/2026 3:55:14 PM
Jennifer Einrem jleinrem@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:08 AM Resent: 7/16/2026 7:37:56 AM Viewed: 7/16/2026 7:40:28 AM
Alexis Jones Alexis.Jones@BNSF.com Manager of Public Projects Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:10 AM
Jason Bierwerth mnnjb@kbninc.net Manager of Operations Dakota Northern Railroad Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:12 AM
Jim Styron jstyron@nd.gov Rail/Hwy Crossing Safety Manager Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:14 AM
Ray Barchenger rbarchen@nd.gov Realty Officer ND Department of Transportation Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:15 AM
Cailey Hanneman channeman@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:17 AM

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Cathy Clune cathy.clune@jll.com Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:19 AM
Chad Frisinger cfrising@nd.gov Carahsoft OBO North Dakota Department of Transportation CLOUD Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:21 AM
Amy Davis davisamy@nd.gov Security Level: Email, Account Authentication (None) **Electronic Record and Signature Disclosure:** Not Offered via Docusign	COPIED	Sent: 7/16/2026 7:33:22 AM Viewed: 7/16/2026 7:38:34 AM

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Payment Events	Status	Timestamps

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

E-TICKETING (MANDATORY)

PROJECT # 6-032(075)231 – PCN 23896

DESCRIPTION

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

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.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FLEXIBLE PAVEMENT SURFACE TOLERANCE

PROJECT 6-032(075)231 – PCN 23896

DESCRIPTION

This provision details the surface tolerance requirements, corrective actions, performance incentives, and contract price adjustments for flexible pavement.

ATTACHMENTS

Appendix A – Existing IRI Data

CONSTRUCTION REQUIREMENTS

A. General.

Any lot with any amount of grinding done before the Engineer collects the initial profile is ineligible for incentive.

The Engineer will use the straight edge method described in Section 430.04 K, “Tolerances” with the Rolling Straightedge Module of Proval to determine the surface tolerance, including leave outs.

The Engineer will profile the finished surface to determine the pavement ride quality. All finished bituminous surfaces will be profiled with the following exceptions:

1) Bridge decks and/or approach slabs and 150 feet on either side;
2) Side roads and approaches;
3) Shoulders, ramps, and gore areas;
4) At grade railroad crossings and 150 feet on either side;
5) The beginning and end of the project and 50 feet on either side of these boundaries;
6) 50 feet from areas not receiving surfacing;
7) Areas with speed limit under 50 MPH;
8) Where safety and the roadway geometrics do not allow the proper operating speed for the profiler to collect data. The Engineer will determine the location of these areas. These locations may include, but are not limited to the following:
   - Signal controlled intersections;
   - Stop controlled intersections;
   - T intersections; and
   - Other situations that would be detrimental to safety of the traveling public or the profiler.

On surfaces exempt from the profile testing, the Engineer will determine the pavement smoothness according to section 430.04 K “Tolerances”.

B. Profiler Limitations.

The Engineer will not test the roadway in the following conditions:

- Between November 30 to May 15;
- When the air or surface temperature is below 35 °F; or
- When the roadways surface is wet or under inclement weather conditions.

C. Profiler Inputs.

1. General.

The Engineer will:

- Measure the smoothness of the roadway using the International Roughness Index (IRI) to the nearest 0.1 inch;
- Use ProVal, http://www.roadprofile.com, to calculate the IRI for the Pavement Profile (PPF);
- Apply a 250 mm filter to generate the IRI in ProVal;
- Average the IRI of the two wheel paths to calculate the Mean Ride Index (MRI); and
- Use the MRI option in ProVal for evaluation

2. Fixed Interval (Lot Smoothness) Ride Quality Module.

The Engineer will identify lot smoothness using the following inputs:

- Set the Ride Quality Index to “MRI”
- Segment Length – 528 feet
- Threshold – 75.0 in/mile

3. Rolling Straightedge Module.

Identify areas of surface deviation using the Rolling Straightedge Module within the current version of ProVal. Use the following settings in the Rolling Straightedge Module:

- Straightedge Length – 16 feet
- Deviation Threshold – 3/16 inch

D. Lot Definition.

A lot is defined as a 528 foot road segment, one lane wide. The Engineer will include a partial lot less than or equal to 370.0 feet in the previous lot. The Engineer will treat a lot greater than 370.0 feet as an independent lot.

E. Profiling.

1. General.

a. Naming Convention and Collection Points.

Discuss with the Engineer the naming convention of the lanes before profiling as well as the beginning and end points for areas of collection.

b. Timing

Notify the Engineer that the road is ready for profiling. The Engineer will coordinate a time within 5 working days of receiving that notification.

c. Physical Surface Conditions.
Remove all debris that will inhibit collection of the road profile before the profiler arrives on site for collection. Keep the lanes clear of construction activity during the time of profiling.

The Engineer will collect the profile when the pavement is dry and at a time agreed upon between the Engineer and the Contractor.

d. Profiler Data Collection.
The Engineer will use an inertial profiler to collect the profile in each wheel path of each lane.

The Engineer will trace the profile at approximately 31 and 97 inches, measured from the left edge of the lane, as determined by the direction of traffic.

Provide traffic control for 500 feet beyond the ends of the collection area to facilitate the collection of profile data and for run in and run out.

2. Initial Profile.
The Engineer will complete an initial profile to determine the MRI.

The Engineer will collect a complete initial profile after the mainline paving is complete.

3. Additional Profiles.
The Engineer will collect any additional profiles after corrective action has taken place.

The Engineer will apply a liquidated damage of $1,500 per trip for each profile collected after the second profile.

4. Final Acceptance Profile.
The Engineer will collect the final acceptance profile after the necessary corrective actions on the roadway are completed.

5. Reports.
The Engineer will provide the following information to the Contractor within 5 days of completing the profile:

- PPF files;
- The Viewer;
- The Ride Quality Report; and
- The Rolling Straightedge Report.

F. Lots With MRI Less Than 75.1
For lots with an MRI less than 75.1, the Engineer will process performance incentives and contract price adjustments for each lot as specified in Section B “Ride Quality- Lot Smoothness” of the Basis of Payment Section.

G. Lots with MRI Greater or Equal to 75.1
Lots with an MRI greater than or equal to 75.1 will require corrective action, as specified in Section H, “Corrective Action” of the Construction Requirements.

Areas that would result in a contract price adjustment may be ground to a lower MRI. If grinding occurs and results in an MRI of 48.0 or less, the Engineer will not apply a performance incentive to that lot. Only lots with an initial MRI of 48.0 or less will receive a performance incentive based on the initial readings, before grinding.

H. Corrective Action.

1. General.

Any grinding performed is considered corrective action.

Complete corrective action within 21 calendar days of final profile data collection.

2. Corrective Action Plan.

Confirm date and time, locations, equipment, and timeframes with Engineer.

Contractor may develop a detailed corrective action plan using the ProVal data. Generate grinding simulations in ProVal with multiple grinding depths, varying equipment, and multiple pass patterns. Include the grinding simulations with the corrective action plan.

Submit the plan three working days in advance of grinding.

The Engineer will review the corrective action plan.

3. Corrective Grinding.

a. General.

Grind lots to a maximum MRI of 75.0 in/mile.

Grind high shoulders to provide drainage and safety.

Grind the full width of the lane and a feather pass onto the shoulder to daylight the grinding.

Grind a minimum length of 30 feet. Join grind sections if the distance between grind sections is less than 60 feet.

b. Grinding Equipment.

Use diamond grinding head for lot corrective action that does not cause strain or damage to the underlying surface of the pavement. Do not cause excessive ravels, aggregate fractures, or spalling.

c. Grinding.

Perform grinding in the longitudinal direction so grinding begins and ends at lines normal to the pavement centerline. Do not overlap more than 2 inches between passes and ensure the depth variance between adjacent passes is less than 1/8 inch. Feather the grinding at the beginning and end of each pass.

Ensure the surface of the ground pavement has a texture consisting of grooves between 0.090 and 0.130 inches wide. Keep the peaks of the ridges approximately 1/32 inch higher than the bottom of the grooves.

d. Slurry Removal.
When grinding in areas with curb and gutter, and areas adjacent to waterways continuously collect all slurry or residue resulting from the grinding operation. Dispose of the slurry or residue as specified in Section 107.17, “Removed Material”.

4. Profiling.
The Engineer will perform additional profiling according to Section E.3 “Additional Profiles” of the Construction Requirements. The Engineer will determine if additional Corrective Action is required based on the new profile. If additional Corrective Action is required, the Engineer will provide additional profile PPF and a new Corrective Action plan is required.

BASIS OF PAYMENT

A. Liquidated Damages
If the project would be considered substantially complete, as specified in Section 108.07 B, “Failure to Complete within the Contract Time” and corrective action is required, the Engineer may suspend time charges and the assessment of liquidated damages for up to 21 calendar days after the contract time has expired. If the corrective action is not complete within 21 calendar days after the contract time has expired, the Engineer will restart time charges and will assess liquidated damages.

B. Ride Quality.
The Engineer will pay a performance incentive for ride quality based on Table 1.

Table 1
Ride Quality Performance Incentives

MRI Range	Performance Incentive per Lot
≤ 34.0	$300
34.1 to 39.0	$225
39.1 to 44.0	$150
44.1 to 48.0	$75
48.1 to 56.0	$0

The Engineer will process contract price adjustments for ride quality based on Table 2.

Table 2
Ride Quality Contract Price Adjustment

MRI Range	Contract Price Adjustment per Lot
48.1 to 56.0	$0
56.1 to 62.0	($100)
62.1 to 69.0	($200)
69.1 to 75.0	($400)
75.1 ≥	Corrective Action

C. MISCELLANEOUS

Include costs necessary to prepare the roadway for testing in the contract unit price for asphalt pavement items.

Traffic control items, including flagging and pilot cars will be paid for according to Section 109.03, “Compensation for Contract Revisions”.

Appendix A
Existing IRI Data

IRI DATA FOR PCN 23896 PROJECT NO. SS-6-032(075)231							
Hwy 32, Southbound Survey Data Collection Date = 7/23/2025							
HWY	Start-Mi	End-Mi	IRI_ Left Wheel Path	Standard Deviation	IRI_Right Wheel Path	Standard Deviation	IRI_Average
32	230.6	230.7	100.2	91.7	103.4	91.3	101.8
32	230.7	230.8	129.2	93.3	171.7	143	150.5
32	230.8	230.9	166.8	306.4	129.5	84.9	148.2
32	230.9	231	174.6	305.3	148.2	99.8	161.4
32	231	231.1	140.5	122.9	96.2	66.9	118.4
32	231.1	231.2	156.2	187.1	104.4	81.8	130.3
32	231.2	231.3	171.2	311.5	94.1	71.8	132.6
32	231.3	231.4	176.1	290.6	132.1	130.8	154.1
32	231.4	231.5	123.9	94.5	142.1	113.7	133
32	231.5	231.6	95.8	67.3	137.1	102.9	116.4
32	231.6	231.7	105	73.3	151.9	149.9	128.4
32	231.7	231.8	99.3	59.7	136.1	101.1	117.7
32	231.8	231.9	113.7	66.1	102.9	54.3	108.3
32	231.9	232	93	49.1	99.7	60	96.4
32	232	232.1	87.7	42.6	89	56.6	88.3
32	232.1	232.2	59.2	29.7	114.9	88.8	87.1
32	232.2	232.3	67.6	35.1	119	95.6	93.3
32	232.3	232.4	80.9	39.2	110.2	83.6	95.5
32	232.4	232.5	86.2	54.3	157.1	131.6	121.7
32	232.5	232.6	77.5	40.2	132.5	95.4	105
32	232.6	232.7	65.4	39.1	121.2	98.5	93.3
32	232.7	232.8	72.9	38.3	90.7	64.6	81.8
32	232.8	232.9	81.2	35.8	120	82.5	100.6
32	232.9	233	93.4	45.4	115.2	85.6	104.3
32	233	233.1	100.4	59.6	108.7	67.5	104.5
32	233.1	233.2	78.1	39.4	149.9	248	114
32	233.2	233.3	82.1	37.7	119.8	79.1	100.9
32	233.3	233.4	111.9	68.9	165.6	145.1	138.8
32	233.4	233.5	94.6	47.8	118.5	78.4	106.6
32	233.5	233.6	78.7	46.7	126.4	88	102.5
32	233.6	233.7	94.9	53	102.8	74.6	98.9
32	233.7	233.8	117.2	83	107.5	70	112.4
32	233.8	233.9	78.8	51.9	137	120.8	107.9
32	233.9	234	130.1	87	171	171.4	150.5
32	234	234.1	78.8	46.1	110.9	67.5	94.8

IRI DATA FOR PCN 23896 PROJECT NO. SS-6-032(075)231							
Hwy 32, Southbound Survey Data Collection Date = 7/23/2025							
HWY	Start-Mi	End-Mi	IRI_ Left Wheel Path	Standard Deviation	IRI_Right Wheel Path	Standard Deviation	IRI_Average
32	234.1	234.2	84.6	40.5	109.9	92.8	97.3
32	234.2	234.3	92.5	48	131.5	133.8	112
32	234.3	234.4	102.2	58.6	126.6	94.9	114.4
32	234.4	234.5	112.6	79	131.3	113.2	122
32	234.5	234.6	88.7	53	101.6	73.6	95.1
32	234.6	234.7	119.9	69.3	126.8	97.4	123.3
32	234.7	234.8	105.7	55.2	113.5	79.7	109.6
32	234.8	234.9	96.1	84.2	105.2	100	100.6
32	234.9	235	98.2	55.3	130.5	111.4	114.4
32	235	235.1	94	49.8	96.5	63	95.3
32	235.1	235.2	74	37.1	98.5	71.6	86.2
32	235.2	235.3	97	52.3	103.1	56.7	100.1
32	235.3	235.4	91.5	49	79.9	43	85.7
32	235.4	235.5	97	51.1	122.6	84.6	109.8
32	235.5	235.6	90.3	45.8	118	78.4	104.1
32	235.6	235.7	112.1	66.5	197.7	246.1	154.9
32	235.7	235.8	95.1	46.4	121	77.2	108.1
32	235.8	235.9	81.6	36.4	106.3	55.2	93.9
32	235.9	236	94.4	68.9	117.8	84.1	106.1
32	236	236.06	97.7	60	109.5	64	103.6

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

COMMERCIAL GRADE HOT MIX ASPHALT – WITHOUT DENSITY

PROJECT 6-032(075)231– PCN 23896

DESCRIPTION

This work consists of supplying a Commercial Grade Hot Mix Asphalt that meets the requirements of Section 430, "Hot Mix Asphalt (HMA)", with the following revisions.

MATERIALS

Add the following to the end of Section 430.03 "Materials".

F. Commercial Grade Hot Mix Asphalt.

Provide commercial grade asphalt that meets the requirements of any of the FAA designations in Section 430.03 C, "Superpave Mix Properties".

The requirements of the following sections will not be applied to commercial grade asphalt:

- Section 430.04 B, "Engineer's Quality Assurance Plan";
- Section 430.04 C.2, "Determination of Specific Gravity"; and
- Section 430.04 E, "QC Testing".

Section 430.04 D "Mix Design" is replaced with the following requirements:

Submit a mix design that was previously approved under another Department contract. Include the project number and PCN of the previous project.

If using a stationary plant, use a mix design previously approved by the Department within the last year. Include the date that the mix design was approved.

If a previously approved mix design is not available, submit a new mix design to the Engineer at least 10 calendar days before placement of material for review

CONSTRUCTION REQUIREMENTS

A. Contractor Personnel.

Replace Section 430.04 A "Contractor Quality Control (QC)" with the following:

Provide personnel meeting the requirements of NDDOT Technical Certification Program for the following tests:

- ND T 2 – Sampling of Aggregates; and
- NDDOT 5 Sampling and Splitting Field Verification of Hot Mix Asphalt (HMA) Samples.

B. Engineer's Acceptance Testing:

Replace Section 430.04 M "Acceptance" with the following:

The Engineer will perform acceptance tests at the frequency shown in Table 1. At times directed by the Engineer, obtain aggregate samples from the cold feed belt according to ND T 2.

Table 1
Testing Frequencies

Test/Assessment	Minimum Testing Requirements
ND T 11 Materials Finer than No. 200 Sieve	Minimum 1 per project
ND T 27 Sieve Analysis of Fine and Coarse Aggregate	Minimum 1 per project
ND T 166 Bulk Specific Gravity of Compacted Asphalt Mixtures Using Saturated Surface-Dry Specimens	Minimum 1 per project
ND T 209 Theoretical Maximum Specific Gravity and Density of Hot Mix Asphalt	Minimum 1 per project
ND T 312 Preparing and Determining the Density of Hot Mix Asphalt Specimens by Means of Superpave Gyratory Compactor	Minimum 1 per project

If ND T 11 and/or ND T 27 tests result in a deviation from the specified gradation, immediately sample and test aggregate again. Halt paving operations if two consecutive tests deviate from the specified gradation. Restart paving operations after taking corrective actions and passing a gradation test.

The Engineer will target 3.0 percent air voids when determining the maximum theoretical density. Provide mix with between 1.5 and 5.0 percent air voids, when calculated on the Maximum Density Worksheet (SFN 50289).

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Pay Item	Pay Unit
Commercial Grade Hot Mix Asphalt	Ton

Include the cost of aggregate, asphalt cement, and tack coat in the contract unit price for “Commercial Grade Asphalt.”

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

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

PERMITS AND ENVIRONMENTAL CONSIDERATIONS

PROJECT NUMBER: SS-6-032(075)231 – PCN 23896

This Special Provision incorporates the US Army Corps of Engineers (USACE) Section 404 Permit obtained by the North Dakota Department of Transportation (NDDOT) into the bidder's proposal.

The Contractor shall be responsible for complying with all the terms and conditions as contained in the permit(s) attached hereto. Bidders shall become familiar with all standard conditions and special conditions of the permit(s) and submit their bid for the construction of this project based on the following:

- **Section 404 Permit**
  The Section 404 Permit, NWO-2021-02113-BIS, authorizes permanent and temporary impacts to jurisdictional waters as shown in Section 75 of the plans. The Section 404 Permit is attached.

The Contractor is responsible for preparing and submitting Permit(s) for any additional impacts not authorized by the attached Permit(s) obtained by the NDDOT. The Contractor is responsible for any delays associated with obtaining any additional Permit(s).

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT
REGULATORY DIVISION
NORTH DAKOTA REGULATORY OFFICE
3319 UNIVERSITY DRIVE
BISMARCK, ND 58504

September 15, 2026

SUBJECT: Nationwide Permit Verification, NWO-2021-02113-BIS, NDDOT Project No. SS-6-032(075)231, PCN 23896 ND 32 – Walhalla North to State Line

Mr. Steve Kessler
North Dakota Department of Transportation
608 East Boulevard Avenue
Bismarck, North Dakota 58505

Dear Mr. Kessler:

This letter is in response to your September 15, 2026 Pre-construction Notification (PCN), requesting Department of the Army (DA) Nationwide Permit (NWP) verification for the above-referenced project. The project site is in multiple sections of Townships 163-164 North, Range 56 West, starting near Latitude 48.925536° North, Longitude -97.911721° West and ending near Latitude 49.000438° North, Longitude -97.908606° West, Pembina County, North Dakota. More specifically, Site 1 is at Latitude 48.948679° North, Longitude -97.906227° West; Site 2 is at Latitude 48.969037° North, Longitude -97.906611° West; Site 3 is at Latitude 48.980269° North, Longitude -97.906736° West; and Site 4 is at Latitude 48.996530° North, Longitude -97.906736° West.

Based on the submitted application and NDDOT preliminary engineering plans for Pembina County ND 32 – Walhalla North to Canadian Line Mill, HMA, Sidewalk, and Structures dated September 2-4, 2026, the project involves approximately 6.036 miles of reconstruction to include structure replacements at 4 locations, shared use path overlay, sidewalk construction, and resurfacing. At Site 1, the existing double 13’11” by 8’7” by 68’ structural plate pipe archs will be replaced with two 16’ by 9’ by 78’ box culverts with riprap at the inlet and outlet; at Site 2, the existing double 10’6” by 40’ structural plate pipes will be replaced with two 14’ by 7’ by 78’ box culverts with riprap at the inlet and outlet; at Site 3, the existing double 11’10” by 7’6” by 46’ structural plate pipe archs will be replaced with two 14’ by 7’ by 78’ box culverts with riprap at the inlet and outlet; and at Site 4, the existing double 10’6” by 43’ structural plate pipe arch will be replaced with two 12’ by 8’ by 78’ box culverts with riprap at the inlet and outlet. The sites will be dewatered as necessary; temporary bypasses will be installed to maintain traffic flow during the activity period; and the road will be regraded/resurfaced to align with the new structures. These activities will result in discharges into 4 single and complete crossings to include permanent discharges and loss of 0.054 acre of stream and 0.087 acre of wetlands; permanent discharges but no loss of 0.106 acre of stream;

and temporary discharges in 0.172 acre of stream and 1.937 acre of wetlands will be removed upon project completion.

The U.S. Army Corps of Engineers (Corps) regulates the discharge of dredged and fill material into waters of the United States under Section 404 of the Clean Water Act (CWA) (33 U.S.C. 1344) and structures or work in, over, and under navigable waters of the United States under Section 10 of the Rivers and Harbors Act (RHA) (33 U.S.C. 403). The Corps' regulations are published in the *Code of Federal Regulations* at 33 CFR parts 320 through 332. NWPs are defined in the *Federal Register* (91 FR 768) published on January 8, 2026. Based on a review of the information you furnished and available to us, we have determined the above referenced work requires DA authorization under Section 404 of the CWA.

Based upon the information you provided, we hereby verify that the work described above, to be performed in accordance with the plans and information provided, is authorized by Nationwide Permit (NWP) 23 (Approved Categorical Exclusions). Please note that deviations from the original plans and information, including specifications, of this project could require additional authorization from this office. This NWP and associated Regional and General Conditions are enclosed and can be accessed on our website at: https://www.nwo.usace.army.mil/Missions/Regulatory-Program/North-Dakota/. You are responsible for any and all work accomplished in accordance with the terms and conditions of this NWP, including any special condition(s). Failure to comply with the General and Regional Conditions of this NWP may result in the suspension or revocation of this authorization, and you may be subject to appropriate enforcement action.

Unless this NWP is suspended, modified, or revoked, it is valid until **March 15, 2031**. It is incumbent upon you to remain informed of changes to this NWP. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization as per 33 CFR 330.6(b). Any project specific conditions listed in this letter continue to remain in effect after the NWP verification expires unless the district engineer removes those conditions.

To assist in your compliance with NWP General Condition 30, enclosed is a "Compliance Certification" form (Eng Form 6285), which shall be signed and returned within 30 days of completion of the project, including any required mitigation. Your signature on this form certifies that you have completed the work in accordance with the terms and conditions of the NWP. Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP. Authorization under this NWP does not relieve permittees from obtaining permits or other authorizations from any required federal, state, or local agency.

If you have any questions concerning this project, please contact Amber Inman by email at *Amber.L.Inman@usace.army.mil*, or telephone at 701-989-6428 and reference file number **NWO-2021-02113-BIS**

Sincerely,



Benjamin N. Soiseth
Chief, North Dakota Branch

Enclosures

U.S. Army Corps of Engineers (USACE)

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

Form Approved -
OMB No. 0710-0003
Expires 2027-10-31

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.

Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Omaha District, North Dakota Regulatory Office District, Regulatory Office.

The certification can be submitted by email at CENWO-OD-RND @usace.army.mil or by mail at the below address:

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Omaha District, North Dakota Regulatory Office District, Regulatory Office.

U.S. Army Corps of Engineers
Omaha District Office
Street Address: North Dakota Regulatory Office, 3319 University Drive
City: Bismarck State: North Dakota Zip Code: 58504

COMPLETED BY THE CORPS

Corps Action Number: NWO-2021-02113-BIS
Permit Type: General Permit
General Permit Number and Name (*if applicable*): 23 Approved Categorical Exclusions
Name of Permittee: NDDOT
Project Name: ND32 Walhalla to Canadian Border, PCN 23986
Project Location (*physical address*): multiple sections, T163-164 N, R56 W
Latitude 48.925536° N, Longitude -97.911721° W
Pembina County, North Dakota

PERMITTEE'S CERTIFICATION

Date Work Started: _____
Date Work Completed: _____

Enclose photographs showing the completed project (*if available*).

I _____ hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.

Name	Date	Signature

US Army Corps of Engineers
Omaha District

Nationwide Permit 23: Approved Categorical Exclusions

Activities undertaken, assisted, authorized, regulated, funded, or financed, in whole or in part, by another Federal agency or department where:

(a) That agency or department has determined, pursuant to Section 106, 109, and 111(1) of the National Environmental Policy Act, that the activity is categorically excluded from the requirement to prepare an environmental impact statement or environmental assessment analysis, because it is included within a category of actions which neither individually nor cumulatively have a significant effect on the human environment; and

(b) The Office of the Chief of Engineers (Attn: CECW-CO) has concurred with that agency's or department's determination that the activity is categorically excluded and approved the activity for authorization under NWP 23.

The Office of the Chief of Engineers may require additional conditions, including pre-construction notification, for authorization of an agency's categorical exclusions under this NWP.

Notification: Certain categorical exclusions approved for authorization under this NWP require the permittee to submit a pre-construction notification to the district engineer prior to commencing the activity (see general condition 32). The activities that require pre-construction notification are listed in the appropriate Regulatory Guidance Letter(s) (Authorities: Sections 10 and 404)

Note: The agency or department may submit an application for an activity believed to be categorically excluded to the Office of the Chief of Engineers (Attn: CECW-CO). Prior to approval for authorization under this NWP of any agency's activity, the Office of the Chief of Engineers will solicit public comment. As of the date of issuance of this NWP, agencies with approved categorical exclusions are: the Bureau of Reclamation, Federal Highway Administration, and U.S. Coast Guard. Activities approved for authorization under this NWP as of the date of this notice are found in Corps Regulatory Guidance Letter 05-07. Any changes to approved categorical exclusions applicable to this NWP will be announced in the Federal Register and posted on this same web site.

C. Nationwide Permit General Conditions

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his or her authorized representative, said structure or work shall cause unreasonable

obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows, including tidal flows. The activity must not restrict or impede the passage of normal or high flows, including tidal flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance. If mats are used to minimize soil disturbance, the affected areas must be returned to pre-construction elevations, and revegetated as appropriate. In circumstances where the use of mats has caused significant soil compaction, efforts using techniques (e.g., soil reaeration techniques) to break up the compaction should be employed to return the soil to a pre-construction state prior to returning to pre-construction elevations.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. (a) No NWP activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(b) If a proposed NWP activity will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service). Information on these rivers is also available at: http://www.rivers.gov/.

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of "effects of the action" for the purposes of ESA section 7 consultation.

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for

the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect federally-listed endangered or threatened species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-federal applicant of the Corps' determination within 45 days of receipt of a complete pre-construction notification. For activities where the non-federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have "no effect" on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference has been completed. If the non-federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWPs.

(e) Authorization of an activity by an NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the FWS or the NMFS, the Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal permittee should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their web pages at http://www.fws.gov/ or http://www.fws.gov/ipac and http://www.nmfs.noaa.gov/pr/species/esa/ respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle

Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects on properties listed, or eligible for listing, in the National Register of Historic Places until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects on any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties might have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of, or potential for, the presence of historic properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of section 106 of the National Historic Preservation Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has so notified the Corps, the non-federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects on historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, the district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA section 106 consultation is required. If NHPA section 106 consultation is required, the district engineer will notify the non-federal applicant that he or she cannot begin the activity until section 106 consultation is completed. If the non-federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless

the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activities authorized by NWPs, must immediately notify the district engineer of what they have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the federal, tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre and require pre-construction notification, unless the district engineer determines in writing

that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, because streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of minimization or compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in no more than minimal adverse environmental effects. For the NWPs, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) through (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan (see 33 CFR 332.4(c)(1)(ii)).

(g) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any NWP activity resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that an NWP activity already meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United States that will convert a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse environmental effects of the activity to the no more than minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-federal applicants to demonstrate that the structures comply with established state or federal, dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed activity which may result in any discharge from a point source into waters of the United States must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by the certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed activity which may result in any discharge from a point source into waters of the United States in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed activity which may result in any discharge from a point source into waters of the United States is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge into waters of the United States, the permittee must submit a copy of the certification to the district engineer. The discharge into waters of the United States is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied (i.e., by the issuance of a water quality certification or a waiver and completion of the Section 401(a)(2) process).

(c) The district engineer or certifying authority may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. The district engineer or a state may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the division engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its CWA section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is authorized, subject to the following restrictions:

(a) The total acreage loss of waters of the United States for a single and complete project cannot exceed the acreage limit of the NWP with the highest specified acreage limit when multiple NWPs are used to authorize an activity.

(b) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States for that single and complete project cannot exceed that specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14 (which has an acreage limit of 1/3 acre in tidal waters), with associated bank stabilization authorized by NWP 13 (which does not have a specified acreage limit), the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.

(c) If two or more of the NWPs used to authorize the single and complete project have specified acreage limits, the acreage loss of waters of the United States authorized by each of those NWPs cannot exceed the specified acreage limits of each of those NWPs. For example, if a commercial development is constructed under NWP 39 (which as a 1/2-acre limit), and the single and complete project includes the filling of a ditch authorized by NWP 46 (which has a 1-acre limit), the maximum acreage loss of waters of the United States for the construction of the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States caused by the combination of the NWP 39 and NWP 46 activities cannot exceed 1 acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

US Army Corps of Engineers®
Omaha District

(Transferee)

_____

(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The successful completion of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

(a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;

(b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and

(c) The signature of the permittee certifying the completion of the activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. Pre-Construction Notification. (a) *Timing*. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30 day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either:

(1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity

might have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is “no effect” on listed species or “no potential to cause effects” on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)) has been completed. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee’s right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification*: The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity’s purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans);

(5) The PCN must include a delineation of waters, wetlands, and other special aquatic sites on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate. For NWP 27 activities that require PCNs because of other general conditions or regional conditions imposed by division engineers, see Note 2 of that NWP;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed and a PCN is required, the prospective permittee must submit a statement describing how the compensatory mitigation requirement will be satisfied, or explaining why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a “study river” for possible inclusion in the system while the river is in an official study status, the PCN must identify the Wild and Scenic River or the “study river” (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification*: The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(d) *Agency Coordination*: (1) The district engineer will consider any comments from federal and state agencies concerning the proposed activity’s compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the activity’s adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate federal or state offices (FWS, state natural resource or water quality agency, EPA, and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse

environmental effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(4) In cases where the prospective permittee is not a federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

E. Further Information

1. District engineers have authority to determine if an activity complies with the terms and conditions of an NWP.

2. NWPs do not obviate the need to obtain other federal, state, or local permits, approvals, or authorizations required by law.

3. NWPs do not grant any property rights or exclusive privileges.

4. NWPs do not authorize any injury to the property or rights of others.

5. NWPs do not authorize interference with any existing or proposed Federal project (see general condition 31).

F. Nationwide Permit Definitions

Best management practices (BMPs): Policies, practices, procedures, or structures implemented to mitigate the adverse environmental effects on surface water quality resulting from development. BMPs are categorized as structural or non-structural.

Compensatory mitigation: The restoration (re-establishment or rehabilitation), establishment (creation), enhancement, and/or in certain circumstances preservation of aquatic resources for the purposes of offsetting unavoidable adverse impacts which remain after all appropriate and practicable avoidance and minimization has been achieved.

Currently serviceable: Useable as is or with some maintenance, but not so degraded as to essentially require reconstruction.

Direct effects: Effects that are caused by the activity and occur at the same time and place.

Discharge: The term "discharge" means any discharge of dredged or fill material into waters of the United States.

Ecological reference: A model used to plan and design an aquatic ecosystem restoration, enhancement, or establishment activity under NWP 27. An ecological reference may be based on: (1) the structure, functions, and dynamics of an aquatic ecosystem type or a riparian area type that currently exists in the region; (2) the structure, functions, and dynamics of an aquatic ecosystem type or riparian area type that existed in the region in the past; and/or (3) indigenous and local ecological knowledge that apply to the aquatic ecosystem type or riparian area type (i.e., a cultural ecosystem). Cultural ecosystems are ecosystems that have developed under the joint influence of natural processes and human management activities (e.g., fire stewardship). An ecological reference takes into account the range of variation of the aquatic habitat type or riparian area type in the region.

Enhancement: The manipulation of the physical, chemical, or biological characteristics of an aquatic resource to heighten, intensify, or improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

Establishment (creation): The manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist at an upland site. Establishment results in a gain in aquatic resource area.

High Tide Line: The line of intersection of the land with the water's surface at the maximum height reached by a rising tide. The high tide line may be determined, in the absence of actual data, by a line of oil or scum along shore objects, a more or less continuous deposit of fine shell or debris on the foreshore or berm, other physical markings or characteristics, vegetation lines, tidal gages, or other suitable means that delineate the general height reached by a rising tide. The line encompasses spring high tides and other high tides that occur with periodic frequency but does not include storm surges in which there is a departure from the normal or predicted reach of the tide due to the piling up of water against a coast by strong winds such as those accompanying a hurricane or other intense storm.

Historic Property: Any prehistoric or historic district, site (including archaeological site), building, structure, or other object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria (36 CFR part 60).

Independent utility: A test to determine what constitutes a single and complete non-linear project in the Corps Regulatory Program. A project is considered to have independent utility if it would be constructed absent the construction of other projects in the project area. Portions of a multi-phase project that depend upon other phases of the project do not have independent utility. Phases of a project that would be constructed even if the other phases were not built can be considered as separate single and complete projects with independent utility.

Indirect effects: Effects that are caused by the activity and are later in time or farther removed in distance, but are still reasonably foreseeable.

Loss of waters of the United States: Waters of the United States that are permanently adversely affected by filling, flooding, excavation, or drainage because of the regulated activity. The loss of stream bed includes the acres of stream bed that are permanently adversely affected by filling or excavation because of the regulated activity. Permanent adverse effects include permanent discharges of dredged or fill material that change an aquatic area to dry land, increase the bottom elevation of a waterbody, or change the use of a waterbody. The acreage of loss of waters of the United States is a threshold measurement of the impact to jurisdictional waters or wetlands for determining whether a project may qualify for an NWP; it is not a net threshold that is calculated after considering compensatory mitigation that may be used to offset losses of aquatic functions and services. Waters of the United States temporarily filled, flooded, excavated, or drained, but restored to pre-construction contours and elevations after construction, are not included in the measurement of loss of waters of the United States. Impacts resulting from activities that do not require Department of the Army

authorization, such as activities eligible for exemptions under section 404(f) of the Clean Water Act, are not considered when calculating the loss of waters of the United States.

Nature-based solutions: Actions to protect, sustainably manage, and restore natural or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits.

Navigable waters: Waters subject to section 10 of the Rivers and Harbors Act of 1899. These waters are defined at 33 CFR part 329.

Non-tidal wetland: A non-tidal wetland is a wetland that is not subject to the ebb and flow of tidal waters. Non-tidal wetlands contiguous to tidal waters are located landward of the high tide line (i.e., spring high tide line).

Open water: For purposes of the NWPs, an open water is any area that in a year with normal patterns of precipitation has water flowing or standing above ground to the extent that an ordinary high water mark can be determined. Aquatic vegetation within the area of flowing or standing water is either non-emergent, sparse, or absent. Vegetated shallows are considered to be open waters. Examples of “open waters” include rivers, streams, lakes, and ponds.

Ordinary High Water Mark: The term ordinary high water mark means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

Perennial stream: A perennial stream has surface water flowing continuously year-round during a typical year.

Practicable: Available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes.

Pre-construction notification: A request submitted by the project proponent to the Corps for confirmation that a particular activity is authorized by nationwide permit. The request may be a permit application, letter, or similar document that includes information about the proposed work and its anticipated environmental effects. Pre-construction notification may be required by the terms and conditions of a nationwide permit, or by regional conditions. A pre-construction notification may be voluntarily submitted in cases where pre-construction notification is not required and the project proponent wants confirmation that the activity is authorized by nationwide permit.

Preservation: The removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

Re-establishment: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

Rehabilitation: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function, but does not result in a gain in aquatic resource area.

Restoration: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.

Riffle and pool complex: Riffle and pool complexes are special aquatic sites under the 404(b)(1) Guidelines. Riffle and pool complexes sometimes characterize steep gradient sections of streams. Such stream sections are recognizable by their hydraulic characteristics. The rapid movement of water over a course substrate in riffles results in a rough flow, a turbulent surface, and high dissolved oxygen levels in the water. Pools are deeper areas associated with riffles. A slower stream velocity, a streaming flow, a smooth surface, and a finer substrate characterize pools.

Riparian areas: Riparian areas are lands next to streams, lakes, and estuarine-marine shorelines. Riparian areas are transitional between terrestrial and aquatic ecosystems, through which surface and subsurface hydrology connects riverine, lacustrine, estuarine, and marine waters with their adjacent wetlands, non-wetland waters, or uplands. Riparian areas provide a variety of ecological functions and services and help improve or maintain local water quality. (See general condition 23.)

Shellfish seeding: The placement of shellfish seed and/or suitable substrate to increase shellfish production. Shellfish seed consists of immature individual shellfish or individual shellfish attached to shells or shell fragments (i.e., spat on shell). Suitable substrate may consist of shellfish shells, shell fragments, or other appropriate materials placed into waters for shellfish habitat.

Single and complete linear project: A linear project is a project constructed for the purpose of getting people, goods, or services from a point of origin to a terminal point, which often involves multiple crossings of one or more waterbodies at separate and distant locations. The term “single and complete project” is defined as that portion of the total linear project proposed or accomplished by one owner/developer or partnership or other association of owners/developers that includes all crossings of a single water of the United States (i.e., a single waterbody) at a specific location. For linear projects crossing a single or multiple waterbodies several times at separate and distant locations, each crossing is considered a single and complete project for purposes of NWP authorization. However, individual channels in a braided stream or river, or individual arms of a large, irregularly shaped wetland or lake, etc., are not separate waterbodies, and crossings of such features cannot be considered separately.

Single and complete non-linear project: For non-linear projects, the term “single and complete project” is defined at 33 CFR 330.2(i) as the total project proposed or accomplished by one owner/developer or partnership or other association of owners/developers. A single and complete non-linear project must have independent utility (see definition of “independent utility”). Single and complete non-linear projects may not be “piecemealed” to avoid the limits in an NWP authorization.

Stormwater management: Stormwater management is the mechanism for controlling stormwater runoff for the purposes of reducing downstream erosion, water quality degradation, and flooding and mitigating the adverse effects of changes in land use on the aquatic environment.

Stormwater management facilities: Stormwater management facilities are those facilities, including but not limited to, stormwater retention and detention ponds and best management practices, which retain water for a period of time to control runoff and/or improve the quality (i.e., by reducing the concentration of nutrients, sediments, hazardous substances and other pollutants) of stormwater runoff.

Stream bed: The substrate of the stream channel between the ordinary high water marks. The substrate may be bedrock or inorganic particles that range in size from clay to boulders. The substrate may also be comprised, in part, of organic matter, such as large or small wood fragments, leaves, algae, and other organic materials. Wetlands contiguous to the stream bed, but outside of the ordinary high water marks, are not considered part of the stream bed.

Stream channelization: The manipulation of a stream’s course, condition, capacity, or location that causes more than minimal interruption of normal stream processes. A channelized jurisdictional stream remains a water of the United States.

Structure: An object that is arranged in a definite pattern of organization. Examples of structures include, without limitation, any pier, boat dock, boat ramp, wharf, dolphin, weir, boom, breakwater, bulkhead, revetment, riprap, jetty, artificial island, artificial reef, permanent mooring structure, power transmission line, permanently moored floating vessel, piling, aid to navigation, or any other manmade obstacle or obstruction.

Tidal wetland: A tidal wetland is a jurisdictional wetland that is inundated by tidal waters. Tidal waters rise and fall in a predictable and measurable rhythm or cycle due to the gravitational pulls of the moon and sun. Tidal waters end where the rise and fall of the water surface can no longer be practically measured in a predictable rhythm due to masking by other waters, wind, or other effects. Tidal wetlands are located channelward of the high tide line.

Tribal lands: Any lands title to which is either: 1) held in trust by the United States for the benefit of any Indian tribe or individual; or 2) held by any Indian tribe or individual subject to restrictions by the United States against alienation.

Tribal rights: Those rights legally accruing to a tribe or tribes by virtue of inherent sovereign authority, unextinguished aboriginal title, treaty, statute, judicial decisions, executive order or agreement, and that give rise to legally enforceable remedies.

Vegetated shallows: Vegetated shallows are special aquatic sites under the 404(b)(1) Guidelines. They are areas that are permanently inundated and under normal circumstances have rooted aquatic vegetation, such as seagrasses in marine and estuarine systems and a variety of vascular rooted plants in freshwater systems.

Waterbody: For purposes of the NWPs, a waterbody is a “water of the United States.” If a wetland is adjacent to a waterbody determined to be a water of the United States, that waterbody and any adjacent wetlands are considered together as a single aquatic unit (see 33 CFR 328.4(c)(2)).

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FUEL COST ADJUSTMENT CLAUSE

DESCRIPTION

This special provision provides for contract price adjustments when changes to the cost of diesel fuel occur while completing the work. Participation in the fuel cost adjustment clause is voluntary, and notification is not required at the time the proposal is submitted.

ATTACHMENTS

SFN 58393 “Fuel Cost Adjustment Affidavit” is attached for informational purposes only.

CONTRACT REQUIREMENTS

A. Fuel Cost Adjustment Affidavit.

1. **General.**
   The Department will include SFN 58393 “Fuel Cost Adjustment Affidavit” when submitting the Contract to the awarded Bidder. Return the completed Fuel Cost Adjustment Affidavit with the signed Contract as specified in Section 103.06, “Execution and Approval of the Contract”. Return the affidavit regardless of the intent to enroll in the program.

   Diesel fuel used in the operation of equipment and vehicles in the completion of contract work is the only fuel type eligible for participation in the fuel cost adjustment clause.

   If the Contractor has contracted for diesel fuel or has a fixed price for diesel fuel planned for use in the completion of the work, the Contractor will be ineligible to participate in the fuel cost adjustment clause.

   Identified costs must be reasonable and justifiable for the project. If the Engineer may request information and calculations used by participants to determine estimated diesel fuel costs. Failure to provide required information may result in the Engineer determining the Contractor is not eligible to participate in the fuel cost adjustment clause.

2. **Contractor Does Not Participate.**
   If the prime Contractor does not participate, fuel cost adjustments will not be made for the prime contractor nor for any subcontractors.

3. **Contractor Does Participate.**

   a. **General.**
      The Engineer will determine compensation adjustments as described in Section B, “Fuel Cost Adjustment Calculations” of this special provision.

      Once the form has been submitted, the quantity of fuel eligible for the adjustment clause cannot be adjusted.

b. Subcontractors.
If the prime Contractor chooses to participate in fuel cost adjustments include the estimated fuel costs for all subcontractors that also choose to participate.

If fuel cost adjustment payments are made, make payments to participating subcontractors in proportion to the percentage of work performed and the estimated fuel costs made by the participating subcontractors.

B. Fuel Cost Adjustment Calculations.

1. Definitions.

The following definitions apply when calculating the fuel cost adjustment:

Average Wholesale Price (AWP): The AWP for diesel fuel is the average daily rack price for a given month as reported by DTN Energy for Fargo, ND.

Base Fuel Index (BFI): The BFI for diesel fuel is the AWP for the full month preceding the bid opening.

Current Fuel Index (CFI): The CFI for diesel fuel is the AWP for diesel fuel from the full month preceding the month for which the adjustment is to be calculated.

Estimate: Monthly total of work performed based on progressive estimates issued in the month in which calculations are determined. This number excludes the following:

- Incentive/disincentive payments;
- Pay factor adjustments; and
- All work performed where the Department is able to assess Liquidated Damages.

Fuel Ratio (FR): The cost of diesel fuel included in the affidavit divided by the original contract amount. This number will remain constant for the duration of the contract, regardless of any changes made to the work. If this calculated ratio exceeds 10% of the original contract amount, the Engineer will cap the ratio at 10% and use that figure for the contract.

2. Cost Change Determination.

a. General
Each month the Engineer will determine the Cost Change (CC) for diesel fuel using the following calculation:

$$CC = CFI - BFI$$

When the CC is greater than ±$0.10, the Engineer will process a contract price adjustment for the price of diesel fuel for the portion of the cost change above $0.10.

b. Cost Change is Positive.
When the Cost Change is a positive number, the Engineer will determine the Fuel Cost Adjustment (FCA) for the price of diesel fuel for the portion of the cost change, in excess of $0.10, based on the following calculation:

$$FCA = FR \times Estimate \times (CC - \$0.10)$$

The Engineer will process this amount as a contract price adjustment in favor of the Contractor on the next progressive estimate.

c. Cost Change is Negative.
When the Cost Change is a negative number, the Engineer will determine the Fuel Cost Adjustment (FCA) for the price of diesel fuel for the portion of the cost change, in excess of $0.10, based on the following calculation:

$$FCA = FR \times Estimate \times (CC + \$0.10)$$

The Engineer will process this amount as a contract price adjustment in favor of the Department on the next progressive estimate.

BASIS OF PAYMENT

The Engineer will utilize the following spec and code when processing contract price adjustments related to the fuel cost adjustment clause.

Spec	Code	Pay Item	Pay Unit
109	0100	Diesel Fuel Cost Adjustment	Lump Sum

FUEL COST ADJUSTMENT AFFIDAVIT

North Dakota Department of Transportation, Construction Services
SFN 58393 (7-2026)

SP Fuel Cost Adjustment Clause
Attachment A

PCN	Project Number

The Contractor is not required to notify the Department at the time of submitting bids whether he will or will not participate in the fuel cost adjustment program. The Contractor shall return the affidavit on all Contracts with this Provision even if the Contractor elects not to participate.

Does your company elect to participate in a fuel adjustment for this contract? (fixed price fuel is not eligible)

◯ Yes ◯ No

If yes, provide the total estimated dollars for diesel:

Estimated Diesel Fuel Cost	Original Contract Amount	Estimated Diesel Fuel / Original Contract Amount

May not exceed 10% of the original contract amount.

Under the penalty of law for perjury of falsification, the undersigned,

Name	Title

Contractor

hereby certifies that the documentation is submitted in good faith, that the information provided is accurate and complete to the best of their knowledge and belief, and that the monetary amount identified accurately reflects the cost for fuel, and that they are duly authorized to certify the above documentation on behalf of the company.

Identified costs must be reasonable and justifiable for the project. The Engineer may request information and calculations used by participants to determine estimated diesel fuel costs. Failure to provide required information may result in the Engineer determining the Contractor is not eligible to participate in the fuel cost adjustment clause.

Legal Signature (sign before a Notary Public or Authorized Officer)	Date

Acknowledgement

State of

County of

Signed and sworn to (or affirmed) before me on this day _____
(month, day, year)

Name of Notary Public or other Authorized Officer (Type or Print)	Affix Notary Stamp
Signature of Notary Public or other Authorized Officer	
Commission Expiration Date (if not listed on stamp)	