

November 12, 2025

ADDENDUM 1 – JOB 23644

TO: All prospective bidders on Project HEU-1-981(133), Job No. 23644 scheduled for the November 14, 2025 bid opening.

This addendum has been issued for the above referenced Job, Please see the attached summary from Derek D. Pfeifer, P.E. dated November 10, 2025 for an explanation of changes.

This addendum is to be incorporated into the bidder's proposal for this project. If there are bid item changes the AASHTOWare Project Bids files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> and load it into the AASHTOWare Project Bids program.



PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

PROJECT INFORMATION		
Date: 11/10/2025	Project: HEU-1-981(133)	PCN: 23644
Lead Designer: Aaron Schmidt	Technical Support: Seng Marohl	
Bid Opening Date: 11/14/2025	Job Number: 23644	Addendum Number: 1

PLAN SHEET CHANGES		
Section	Sheet(s)	Description
6	3	Revised plan notes 772-P03 and 772-P04. Aluminum Type II poles and bases will be allowed in addition to steel.
8	1	Revised quantity for bid item: <ul style="list-style-type: none"> • 754 0206 STEEL GALV POSTS-TELESCOPING PERFORATED TUBE Added new bid item: <ul style="list-style-type: none"> • 754 0592 RESET SIGN PANEL Revised quantity for bid item: <ul style="list-style-type: none"> • 754 0593 RESET SIGN SUPPORT
110	1	Revised sign summary. Sign support and anchor lengths updated.

BID ITEMS CHANGES					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	16.1	43.6
754	0592	RESET SIGN PANEL	EA	-	4
754	0593	RESET SIGN SUPPORT	EA	2	1

APPROVAL



 Derek D. Pfeifer, P.E. – Local Government Engineer

11/10/2025

 Date

BID ITEMS

Project: HEU-1-981(133) (PCN-23644)

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

Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
001	103	0100	CONTRACT BOND	L SUM	1.				
002	202	0114	REMOVAL OF CONCRETE PAVEMENT	SY	80.				
003	202	0130	REMOVAL OF CURB & GUTTER	LF	38.				
004	251	0310	SEEDING CLASS III	SY	965.				
005	253	0200	HYDRAULIC MULCH	SY	965.				
006	261	0112	FIBER ROLLS 12IN	LF	210.				
007	302	0120	AGGREGATE BASE COURSE CL 5	TON	97.				
008	702	0100	MOBILIZATION	L SUM	1.				
009	704	1000	TRAFFIC CONTROL SIGNS	UNIT	434.				
010	704	1054	SIDEWALK BARRICADE	EA	3.				
011	704	1058	PEDESTRIAN WALKWAY	LF	62.				
012	704	1060	DELINEATOR DRUMS	EA	16.				
013	704	1067	TUBULAR MARKERS	EA	44.				
014	704	1085	SEQUENCING ARROW PANEL-TYPE A	EA	1.				
015	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	20.				
016	704	2108	TEMPORARY CURB RAMP	EA	1.				

BID ITEMS

Project: HEU-1-981(133) (PCN-23644)

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
017	708	1540	INLET PROTECTION-SPECIAL	EA	2.				
018	748	0140	CURB & GUTTER-TYPE I	LF	114.				
019	750	0030	PIGMENTED IMPRINTED CONCRETE	SY	21.				
020	750	0115	SIDEWALK CONCRETE 4IN	SY	175.				
021	750	0140	SIDEWALK CONCRETE 6IN	SY	35.				
022	750	0210	CONCRETE MEDIAN NOSE PAVING	SY	15.				
023	750	2115	DETECTABLE WARNING PANELS	SF	80.				
024	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	24.600				
025	754	0193	FLEXIBLE DELINEATORS-TYPE D	EA	6.				
026	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	43.600				
027	754	0592	RESET SIGN PANEL	EA	4.				
028	754	0593	RESET SIGN SUPPORT	EA	1.				
029	762	1270	PREFORMED THERMO PLASTIC PVMT MK 24IN LINE	LF	72.				
030	762	1305	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	LF	60.				
031	772	2160	FLASHING BEACON	EA	1.				
			TOTAL SUM BID						

NOTES

Revised 11/10/25

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	HEU-1-981(133)	6	3

772-P02 FEED POINT-FLASHING BEACON-POST MOUNTED: Install new post-mounted feed point at the location indicated on the plans (see Section 150). See Post-Mounted Feed Point detail in Section 150 for details.

Coordinate with the electric utility company (Capital Electric) to provide new electrical service for the RRFB system. Provide 120/240V single phase electrical service from power company transformer. The cost of the utility service will be paid by the Contractor.

Provide and install a Unistrut frame and Unistrut mounting brackets with Unistrut P-1280 end caps on all Unistrut channel ends for the new feed point. Provide a concrete foundation and surround each Unistrut frame post below grade in an 8" poured concrete pier or collar. Provide non-corrosive hardware for the feed point. Do not use wire nuts for feed point. Utilize rigid steel conduit above grade and PVC/HDPE conduit below grade.

Provide and install two (2) 5/8-inch by 10-foot copper ground rods at bottom of posts as shown on the detail to ground the enclosure and service. Loop between and place the two ground rods a minimum of 6-feet apart. Bond all circuits, electrical panel, enclosures, and neutral per NEC.

Feed incoming service from below grade. Provide 1-1/2" (minimum) rigid steel conduit, two (2) RHH/RHW conductors, and one (1) THW insulated ground conductor. Provide 36" deep underground service conductors for the feed point. Route conduit entrance through meter. Seal all utilized conduits with duct seal.

Provide and install a 30A, 120/240V, 2-pole disconnect switch with a lockable enclosure rated for NEMA 3R and be ETL or UL listed in accordance with UL 50, unless otherwise indicated on the plans. Obtain a padlock for feed point from the City of Bismarck.

Include all costs associated with the materials, labor, coordination, utility fees, and equipment necessary to furnish and install the feed point and electrical service in the price bid for "FLASHING BEACON".

772-P03 TYPE II SIGNAL STANDARD POLE: Provide steel or aluminum Type II signal standard poles. If steel is used, provide galvanizing in accordance with AASHTO Specification M111 (ASTM A123). Include all costs, labor, materials and equipment necessary for furnishing and installing this item in the price bid for "FLASHING BEACON".

772-P04 TYPE II SIGNAL STANDARD BASE: Provide Type II signal standards with steel or aluminum "T" transformer base. If steel is used, provide galvanizing in accordance with AASHTO Specification M111 (ASTM A123). Provide base/pole collar assembly for stability. Include all costs, labor, materials and equipment necessary for furnishing and installing this item in the price bid for "FLASHING BEACON".

772-P05 TERMINAL STRIP PROTECTION: Mount the terminal strip on a 1/2" thick white plastic backing material and provide a terminal strip protection pipe within the signal

transformer base. Provide a 3" to 3 1/2" PVC protection pipe with a minimum length of 12" to cover the entire terminal strip. Cap one end of the PVC pipe. Place the terminal strip within the PVC pipe with the cap side up inside the transformer base. Include all materials, labor and equipment necessary to provide and install the terminal strip protection pipe in the price bid "FLASHING BEACON".

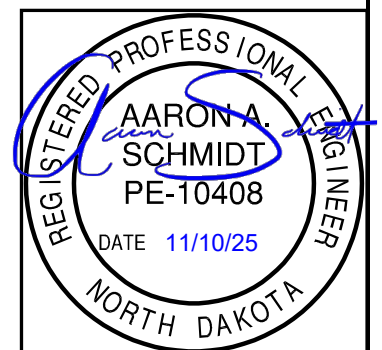
772-P06 PEDESTRIAN PUSHBUTTON AND SIGN: Provide unpainted aluminum, pedestrian pushbuttons. Include the cost for the accessible pedestrian pushbutton and sign in the bid item "FLASHING BEACON".

772-P07 CONDUIT: Install new conduit as shown on the plans. Use HDPE conduit when boring. Seal all conduit with duct seal (at the signal foundation, pull box, cabinet, etc.). Install one spare 2" conduit sweep in each signal standard base. Label direction/destination of all conduits including spare. Cap spare conduits with an oil-tight plug with wing nut and labeled as to which direction they face. Include all costs in the bid price for "FLASHING BEACON".

772-P08 TRACER WIRE: Provide tracer wire to all RRFB signal poles and ground the tracer wire in the signal bases. Splicing tracer wire is not allowed.

772-P09 LABEL ALL FIELD CABLES: Coordinate with the City of Bismarck for approved labeling materials. Provide readable labels without moving the cables. Include all costs in the price bid for "FLASHING BEACON".

772-P10 WIRE SPLICING: No splicing is allowed. Splicing may only take place at the transformer base terminal strip and flashing beacon head terminal blocks.

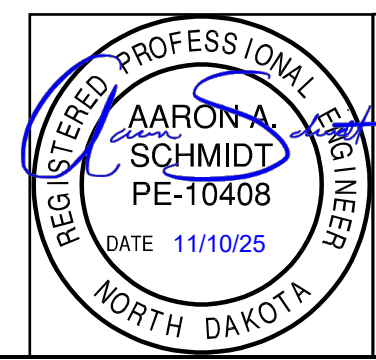


Estimated Quantities

Revised 11/10/2025	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	HEU-1-981(133)	8	1

SPEC	CODE	ITEM DESCRIPTION	UNIT	Main	100% City	TOTAL
103	0100	CONTRACT BOND	L SUM	0.9	0.1	1
202	0114	REMOVAL OF CONCRETE PAVEMENT	SY	80		80
202	0130	REMOVAL OF CURB & GUTTER	LF	38		38
251	0310	SEEDING CLASS III	SY	120	845	965
253	0200	HYDRAULIC MULCH	SY	120	845	965
261	0112	FIBER ROLLS 12IN	LF		210	210
302	0120	AGGREGATE BASE COURSE CL 5	TON	67	30	97
702	0100	MOBILIZATION	L SUM	0.9	0.1	1
704	1000	TRAFFIC CONTROL SIGNS	UNIT	434		434
704	1054	SIDEWALK BARRICADE	EA	3		3
704	1058	PEDESTRIAN WALKWAY	LF	62		62
704	1060	DELINEATOR DRUMS	EA	16		16
704	1067	TUBULAR MARKERS	EA	44		44
704	1085	SEQUENCING ARROW PANEL-TYPE A	EA	1		1
704	1500	OBLITERATION OF PAVEMENT MARKING	SF	20		20
704	2108	TEMPORARY CURB RAMP	EA	1		1
708	1540	INLET PROTECTION-SPECIAL	EA	1	1	2
748	0140	CURB & GUTTER-TYPE I	LF	114		114
750	0030	PIGMENTED IMPRINTED CONCRETE	SY	21		21
750	0115	SIDEWALK CONCRETE 4IN	SY	48	127	175
750	0140	SIDEWALK CONCRETE 6IN	SY	35		35
750	0210	CONCRETE MEDIAN NOSE PAVING	SY	15		15
750	2115	DETECTABLE WARNING PANELS	SF	80		80
754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	24.6		24.6
754	0193	FLEXIBLE DELINEATORS-TYPE D	EA	6		6
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	43.6		43.6
754	0592	RESET SIGN PANEL	EA	4		4
754	0593	RESET SIGN SUPPORT	EA	1		1
762	1270	PREFORMED THERMO PLASTIC PVMT MK 24IN LINE	LF	72		72
762	1305	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	LF	60		60
772	2160	FLASHING BEACON	EA	1		1

Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clearance FT	Support Size	Max Post Len LF	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF				1st LF	2nd LF	3rd LF	4th LF								
37+42 Rt	W11-2-30	56		9.3		11.2			7.0	2.5 x 2.5 10 ga	13.7					1	4	3 x 3 7 ga			1	Mount with W16-9P-24	
39+04 Rt	Special							7.0											2	1		Street Name	
39+78 Lt	Special							7.0											2			Street Name on Ex. Stop Sign	
39+79 Lt	W11-2-30																					Mount on RRFB w/ R10-25-9 & W16-7P-21 (See Sec. 150)	
39+89 Rt	W11-2-30																					Mount on RRFB w/ R10-25-9 & W16-7P-21 (See Sec. 150)	
39+90 Lt	W11-2-30																					x2. Mount on RRFB w/ R10-25-9 (x1) & W16-7P-21 (x2) (See Sec. 150)	
39+90 Lt	R4-7c-18			3.0				7.0														Mount on RRFB pole under W16-7	
40+13 Rt	R4-7c-18	8		3.0	9.2			7.0	2 x 2 12 ga	14.6					1	4	2.25 x 2.25 12 ga						
42+34 Lt	W11-2-30	56		9.3	11.2			7.0	2.5 x 2.5 10 ga	13.7					1	4	3 x 3 7 ga			1	Mount with W16-9P-24		
Sub Total			0.0	24.6	Total	31.6									Total	12.0			4	1	2		
Grand Total			0.0	24.6	Total	31.6									Total	12	0		4	1	2		



Sign Summary
Perforated Tube