

April 30, 2025

**ADDENDUM 1 – JOB 24592**

**TO:** All prospective bidders on Projects H-4-083(169)187, Job No. 24592 scheduled for the May 9, 2025 bid opening.

The following revision(s) shall be made:

**Plan Revisions:**

See attached summary from Kirk J. Hoff, P.E. dated April 30, 2025 for an explanation.

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



PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

**PLAN ADDENDUM SUMMARY AND APPROVAL**

PROJECT INFORMATION		
<b>Project:</b>	H-4-083(169)187	<b>PCN:</b> 24592
<b>Location:</b>	US Hwy 83 & 177 <sup>th</sup> Ave SW	
<b>Date:</b>	4/30/25	<b>Lead Designer:</b> Spencer Ulvestad
<b>Bid Opening Date:</b>	5/9/25	<b>JOB#:</b> 24592 <b>Addendum#:</b> 1

PLAN SHEET CHANGES		
Section	Sheet	Description
6	1	Sheet Revised: Note 770-P01 was added.
140	2	Sheet Revised: The item "LED Luminaire" was added to the quantities chart. The lighting conductor was changed from No 6 RHW & No 6 THW to No 8 RHW & No 8 THW.

**APPROVAL**

Should the revisions described above be processed as a plan addendum?

  X   Yes                             No

Kirk J Hoff  
Kirk J. Hoff, P.E. – Design Engineer

4/30/2025  
Date

NOTES

Revised 4/30/25

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	H-4-083(169)187	6	1

704-P01 TRAFFIC CONTROL DEVICES: The Traffic Control Devices List has been developed using Standard Drawing layout D-704-24 Type HH. This provides a shoulder closure for a four-lane divided highway. Concrete barriers are not needed.

Traffic control quantities are provided for northbound and southbound traffic.

770-P01 LUMINAIRE: Provide the American Electric Autobahn ATBS LED Luminaire with drop refractor. Catalog Number: ATBS P60 MVOLT D3 NR NL.

Include all cost associated with the luminaire in the bid price for “Revise Lighting System”.

770-P02 LED BLINKER SIGNS: Provide AC powered signs that meet the following requirements:

- Sign backing .11-inch aluminum,
- Type XI reflective sheeting,
- LEDs meet section 2A.07 requirements in MUTCD,
- Ensure the LEDs have a 100,000-hour life expectancy,
- R1-1-36 stop sign with 8 LEDs in the sign perimeter,
- S1-1-48 school sign with 5 LEDs in the sign perimeter,
- Provide min 1-watt high power LEDs,
- Must provide automatic dimming capabilities for nighttime brightness,
- Provide a timer to allow the signs to be activated during specific time frames and different times of the year, and
- Provide a 2-year warranty on all equipment, including LEDs, and sign.

Include these signs and all equipment for this work in the bid item “Revise Lighting System.”

770-P03 FEED POINT: A new feed point will be installed on US Hwy 83 at RP 187.81 rt. Install the feed point with 3 circuits at 120V.

1. Lighting circuit, connect to photocell.
2. Blinker LED Stop Sign circuit, always on.
3. Blinker School Signs circuit, connect to timer.

Contact Verendrye Electric Coop at the address below to set up the electrical service.

Travis Leier  
Verendrye Electric Coop  
1225 Hwy 2 Bypass East  
Minot, ND 58701  
(701) 338-2855  
[travisil@verendrye.com](mailto:travisil@verendrye.com)

Set up a new billing account with the NDDOT Minot District.

Chad Beggs  
NDDOT Minot District Office  
1305 Highway 2 Bypass East  
Minot, ND 58701  
(701) 587-6918  
[cbeggs@nd.gov](mailto:cbeggs@nd.gov)

Include all costs in the price bid for the item “Revise Lighting System”.

770-P04 REMOVE AND SALVAGE EQUIPMENT: Remove and salvage the existing solar panels, mounting brackets, mast arm, luminaire, cabinet, and batteries.

Deliver these items to the address below.

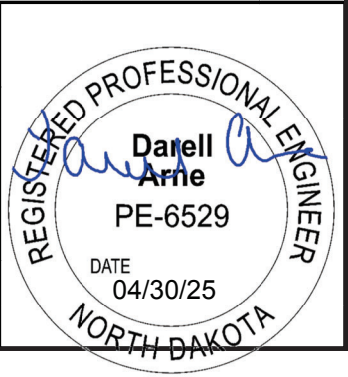
Chad Beggs  
NDDOT Minot District Office  
1305 Highway 2 Bypass East  
Minot, ND 58701  
(701) 587-6918  
[cbeggs@nd.gov](mailto:cbeggs@nd.gov)

Include all costs to remove and deliver these items in the price bid for the item “Revise Lighting System”.

770-P05 SEEDING AND MULCHING: Regrade the soil after the lighting is installed. Ensure the soil around each foundation ties in with the original grade. Compact the soil and restore the trenched areas to the original grade.

Plant Class II grass seed with hydraulic mulch in all areas disturbed by this work.

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



Revised	4/30/25	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
		ND	H-4-083(169)187	140	2

SPEC	CODE	BID ITEM	QTY	UNIT
770	4525	Revise Lighting System	1	EA

(A) Include these quantities in the price bid for the item "Revise Lighting System".

(B) Provide a timer for the school signs circuits and one for the stop sign circuit.

(C) Remove the solar panels, mounting brackets, cabinet, and batteries. These items are mounted on the wood poles. See note in Section 6.

Lighting & Blinker Sign Quantities (A)		
Description	Unit	Qty
Structural Splice Box	EA	5
Pull Box	EA	5
1 Inch Diameter Steel Conduit	LF	100
2 Inch Diameter Conduit	LF	2700
No 14 AWG 5 Conductor Cable	LF	2562
Underground Conductor No 8 Type RHW	LF	750
Underground Conductor No 8 Type THW	LF	375
LED Blinker School Sign (S1-1-48)	EA	4
LED Blinker Stop Sign (R1-1-36)	EA	1
LED Luminaire	EA	2
Combo Feed Point pipe stand mounted (B)	EA	1
Seeding Class II & Hydraulic Mulch	SY	273
Remove Solar Equipment from Light Standards (C)	EA	1

Blinker Sign Cable & Conduit Runs					
Run	Conduit		Cable		
No	Size IN	LF	# of Cables	Size/Type	LF
LED Blinker Sign 1 to LED Blinker Sign 2	1 2	20 59	1	No 14 AWG 5	95
LED Blinker Sign 2 to Pull Box 1	1 2	20 219	1	No 14 AWG 5	240
Pull Box 1 to Pull Box 2	2	404	1	No 14 AWG 5	410
Pull Box 2 to Feed Point	2	373	1	No 14 AWG 5	376

Blinker Sign Cable & Conduit Runs					
Run	Conduit		Cable		
No	Size IN	LF	# of Cables	Size/Type	LF
LED Blinker Sign 5 to LED Blinker Sign 4	1 2	20 67	1	No 14 AWG 5	73
LED Blinker Sign 4 to Pull Box 5	1 2	20 101	1	No 14 AWG 5	107
Pull Box 5 to Pull Box 4	2	412	1	No 14 AWG 5	410
Pull Box 4 to Pull Box 3	2	404	1	No 14 AWG 5	410
Pull Box 3 to Feed Point	2	246	1	No 14 AWG 5	252

Lighting & Blinker Sign Cable & Conduit Runs					
Run	Conduit		Cable		
No	Size IN	LF	# of Cables	Size/Type	LF
LED Blinker Sign 3 to Light Standard 2	1 2	20 47	1	No 14 AWG 5	67
Light Standard 1 to Light Standard 2	2	249	2 1	No 8 RHW No 8 THW	506 253
Light Standard 2 to Feed Point	2	119	1 2 1	No 14 AWG 5 No 8 RHW No 8 THW	122 244 122

Lighting & Flashing Beacon Quantities

South Prairie School  
US Hwy 83

REGISTERED PROFESSIONAL ENGINEER

Darell Arne

PE-6529

DATE 04/30/25

NORTH DAKOTA