

March 25, 2025

ADDENDUM 1 – JOB 24035

TO: All prospective bidders on Projects HEN-3-999(059), Job No. 24035 scheduled for the April 11, 2025 bid opening.

The following revision(s) shall be made:

Plan Revisions:

See attached summary from Kirk J. Hoff, P.E. dated March 25, 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		
Project:	HEN-3-999(059)	PCN: 24035
Location:	ND 57/20 - US 281 to CR 1	
Date:	03/24/2025	Lead Designer: Jaycee Allery
Bid Opening Date:	04/11/2025	JOB#: 24035 Addendum#: 1

PLAN SHEET CHANGES		
Section	Sheet	Description
6	2	Changed note 762-P01. Updated first drop rate to 4.2 pounds per gallon of paint.

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 or

3/25/2025
Date

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	HEN-3-999(059)	6	2

NOTES

- Install a ground wire and connect to a ground rod in the ground.

Sign Supports:

- Mount the dynamic speed display sign to the sign supports as shown in section 110.
- Securely fasten the ground wire to the sign supports using zip ties or other approved method.

Include costs associated with installation, supply, and testing of this sign equipment in the item “Vehicle Speed Feedback Sign”.

754-P02 BERM CONSTRUCTION: Install berm on ND 57 at RP 0.404 Rt and ND 20 at RP 101.345 Lt. Remove existing topsoil and store outside the clear zone. Place embankment according to section 203.04 G.4, Compaction Control, Type C. Place topsoil and apply Type II Seeding and mulch to all disturbed ground surfaces.

Include costs associated with this work in the item “Portable Changeable Message Sign.”

SECTION 120

762-050 PAVEMENT MARKING: If the Engineer and Contractor agree, plan quantity will be used as the measurement for payment for pavement marking items.

762-P01 EPOXY PVMT MK-WET REFLECTIVE: Supply epoxy pavement marking, and retroreflective optics as outlined below.

The following pavement marking products may be used:

- 3M Series 51E All Weather Elements, or
- Potters Visimax Beads, or
- Approved equal.

Use epoxy pavement marking paint as specified in the section 880.02 of the standard specifications.

Apply pavement markings as specified in Section 762.04 C.3, “Epoxy Paint Pavement Markings”, with the following exceptions:

- Apply retroreflective optics using a double drop system. The first drop shall consist of applying 3M Series 51E All Weather Elements at a rate of 4.2 pounds per gallon of paint. The second drop shall consist of applying the glass beads specified in Section 880.02 D at a rate of 20 pounds per gallon of paint. or
- Apply retroreflective optics using a double drop system. The first drop shall consist of applying Potters Visimax Beads at a rate of 6.0 pounds per gallon of paint. The second drop shall consist of applying the glass beads specified in Section 880.02 D at a rate of 6.0 pounds per gallon of paint.

Ensure a company representative is present during the initial application of the retroreflective optics.

Include all costs associated with this work in the price bid for the item “Epoxy Pvmt Mk 6in Line-Wet Reflective”, “Epoxy Pvmt Mk 6 in Line-Wet Reflective-Grooved”, and “Epoxy Pvmt Mk 12in Line-Wet Reflective-Grooved”.

SECTION 140

770-P01 FEED POINT: A new feed point will be installed on ND 20 at RP 101.26 Lt. Contact Nodak Electric Coop at the address below to set up the electrical service. Set up a new billing account with the NDDOT Devils Lake District.

Duddy Weisser
Nodak Electric Coop
4000 32nd Ave S
Grand Forks, ND 58208
(701) 795-6755
dweisser@nodakelectric.com

Include all costs in the price bid for the item “Relocate Road Closure Gate”.

SECTION 150

772-P01 RRFB ASSEMBLY: Provide a Rectangular Rapid Flashing Beacon (RRFB) system that is operational as shown in the plans. This includes the following items:

- APS pedestrian push button actuation.
- RRFB LED unit.
- Mount the assembly on galvanized Type II posts or existing light standards.
- Provide galvanized transformer bases on all Type II posts.
- Cabinet with controller and locking cover.
- Program the flash rate and time according to the most current version of the MUTCD. Ensure the actuation is not less than 30 seconds.
- Mount RRFB LED unit and cabinet with vandal resistant hardware.
- Provide work drawings for this system as shown in Section 772.03.B “Work Drawings”.

Include costs associated with installation, supply, and testing of this sign equipment in the item “Flashing Beacon – Post Mounted”.

772-P02 ACCESSIBLE PEDESTRIAN SIGNALS (APS) PUSHBUTTON: Include the features, installation procedures, and be compliant with the following:

- A. Features:
- Rapid tick WALK indication, no more than 2–5dBA above ambient sound
 - Vibrotactile WALK indication
 - Speaker and vibrotactile indication located at pushbutton
 - Pushbutton locator tone
 - Tactile arrow on each device aligned in direction of travel on the crosswalk
- B. Installation Procedures
- APS should be reachable from the level landing of the curb ramp for the crossing or from a level surface with an accessible path to the ramp (MUTCD Section 4E.08 and Proposed and Draft PROWAG).
 - APS should be within 5 feet of the crosswalk line furthest from the center of the intersection and within 10 feet of the curb (MUTCD Section 4E.08).
 - Tactile arrow shall be aligned with parallel to the direction of travel on the crosswalk (MUTCD Section 4E.12, P1).

