



# North Dakota Department of Transportation

Grant Levi, P.E.  
*Director*

Jack Dalrymple  
*Governor*

December 13, 2016

## ADDENDUM 3 – JOB 9

TO: All prospective bidders on project SNH-4-002(097)171, Job No. 9 scheduled for the December 16, 2016 bid opening.

The following plan revisions shall be made:

Plan Revisions:

**Remove and replace sheet 6-1 with the enclosed sheet revised 12/13/16.**

Sheet 6-1:

Add note 203-P01

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

fol

CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:plm

Enclosure

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SNH-4-002(097)171	6	1

**NOTES**

- 107-700 HAUL ROADS: The Engineer will not designate paved roads off the state system as haul roads.
- 108-021 WEEKLY PLANNING MEETING/REPORTING MEETING: A weekly planning and reporting meeting is required.
- 202-P01 REMOVAL OF PAVEMENT: At the subcut locations include the required pavement and aggregate removal in the contract unit price for "Removal of Pavement."
- 203-010 SHRINKAGE: 25 percent additional volume is included for shrinkage in earth embankment.
- 203-P01 COMPACTION AND DENSITY CONTROL: For sliver grading, compact material as specified in Section 203.04 E.3, Compaction Control, Type B.
- 411-P01 MILLED MATERIAL: Use the milled bituminous material and from sub-cut locations as recycle for "RAP – Superpave FAA 45." Handle excess millings as follows:
- 133 tons used as "Aggregate Base Course CL 5" at the approach locations shown in Section 20.
- Remainder to the NDDOT – Deliver milled material not required for RAP production to the NDDOT owned area along US Highway 2 and 62<sup>nd</sup> St NE, near milepoint 190. Stockpile milled material using a payloader. Keep payloader tires off of stockpile. Notify Engineer prior to hauling to stockpile location. Include all costs associated with this work in the contract unit price for "Milling Pavement Surface."
- 430-P01 COMMERCIAL GRADE HOT MIX ASPHALT: Use a commercial grade asphalt mix that meets Superpave FAA 45 requirements.
- 430-P02 COMMERCIAL GRADE HOT MIX ASPHALT: Sample and test the mix for each days production. Give results to the engineer for determining "Calculated Density" for the lot. Tests to be conducted are: ND T 312, ND T 166, and ND T 209 as found in Table 430-7 in the FSTM, performed by certified personnel.
- Calculated Density is required on all lifts at each sub-cut location. Follow Table 430-13 for pay adjustments.
- Cores are required for each lift at every location. The engineer will mark each location. Calculated densities are determined from these cores.
- Include all cost's related to testing of the HMA in the contract unit price bid for "Commercial Grade Hot Mix Asphalt."
- 704-255 TRAFFIC CONTROL FOR SHOULDER DROP-OFF: If the shoulder and adjacent driving lane are not even at the end of the day, the following criteria will apply:  
Place the following sign assembly at the locations listed below.  
Sign Assembly: Sign No. W8-9a-48 "Shoulder Drop Off" and supplemental plate Sign No. W20-52-54 to identify the distance.

## Locations:

- In advance of the drop off;
- Spaced at each mile from the advance sign; and
- At major intersections (CMC routes, state and US highways, and Interstate Ramps).

If the difference in elevation between the shoulder and the driving lane is 2" or greater, construct a slough on the driving lane that is 4:1 or flatter.

If the difference in elevation between the shoulder and driving lane is less than 2", no slough is required.

Sign assemblies will be measured and paid for according to Section 704 "Temporary Traffic Control."

- 704-P01 TRAFFIC CONTROL DEVICES FOR BITUMINOUS PAVEMENT: Provide traffic control consisting of a temporary lane closure and flagging.

Traffic control device quantities are based on a 7.1-mile limitation. Provide additional devices at no cost to the Department.

1. Standard D-704-12;
2. Standard D-704-20, layout G;
3. Standard D-704-22, layouts K and L;
4. Standard D-704-26, layouts CC, EE, FF, and GG; and
5. Standard D-704-34.

When installing layout G from 704-20, move sign W3-5-48 and the sign assembly containing signs R2-1-48 and R2-1a-24 with the work area as it progresses through the construction zone. Place the R2-1-48 assembly a minimum of 500 feet in advance of flagging signs.

If the lane closure is removed and uneven lanes exist, provide traffic control as specified in Section 704.04 O, "Traffic Control for Uneven Pavement."

- 772-P01 FEED POINT: Install a new feed point and meter trim on the south side of US 2 at 315+00 for the Automatic Traffic Recorder (ATR).

Verendrye Electric will extend the existing electrical service to the NDDOT right of way line. The utility company will install the meter on the new feed point as shown in the plans. Coordinate this work with:

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

This document was originally issued and sealed by James Rath, Registration Number PE-4288, on 12/13/16 and the original document is stored at the North Dakota Department of Transportation.