



North Dakota Department of Transportation

Grant Levi, P.E.
Director

Jack Dalrymple
Governor

April 2, 2015

ADDENDUM 1 – JOB 12

TO: All prospective bidders on project HEN-4-083(131)182, Job No. 12 scheduled for the April 10, 2015 bid opening.

The following plan revision shall be made:

Plan Revisions:

Remove and replace sheet 6-1 with the enclosed sheet revised 4/2/2015.

Sheet 6-1:

Revised note 770-P02 LIGHT STANDARD.

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

For 

CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:plm

Enclosure

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	HEN-4-083(131)182	6	1

NOTES

704-P01 TRAFFIC CONTROL DEVICES: The traffic control devices list has been developed using the layouts shown in the plans and the following layouts on Standard Drawings.

D-704-23, Layouts Type P.

D-704-24, Layouts Type R, and Type S.

SECTION 140

770- P01 LUMINAIRES: The high-pressure sodium vapor luminaires shall be internal ballast-constant wattage, 120x240 voltage, operated on 240 volts.

770-P02 LIGHT STANDARD: The light standard base shall be designed to have a minimum of 4 anchor bolts. The light standards are not required to be designed for fatigue.

770-P03 LIGHT STANDARDS: The light standards shall be of the davit type and designed for 12' mast arms as shown in the plans and shall be galvanized.

SECTION 150

772-P01 BATTERY BACK-UP: The signal controller shall be equipped with an "on-line" type Uninterruptible Power Supply (UPS) that provides power conditioning in both normal and backup mode. It shall be sized to provide backup power to the intersection warning system for a minimum of 8 hours. The UPS shall have aux contacts to put the system into flash operation. The UPS shall incorporate full power management and diagnostic function. The UPS shall be installed in a temperature and humidity controlled environment. The UPS shall be installed in a separate enclosure on a separate pad from the signal controller cabinet at a location approved by the engineer. All materials, labor and equipment necessary to furnish and install the battery back-up shall be included in the item "Intersection Warning System".

772-P02 SEEDING: Any ground disturbed by construction activities shall be reseeded with Class II Seed. This includes trenching, boring, and installing pull boxes, cabinet foundations, and feed point foundations.

All costs associated with this work shall be included in the item for "Intersection Warning System".

772-P03 BEACON TIMING: The beacons shall flash a minimum of 20 seconds upon actuation of the passage loops and flash a minimum of 5 seconds after the vehicle leaves the presence loops in both directions.

All costs associated with this work shall be included in the item for "Intersection Warning System".

This document was originally issued and sealed by Douglas A Schumaker, Registration Number PE-5047, on 4/2/15 and the original document is stored at the North Dakota Department of Transportation.