



# North Dakota Department of Transportation

Grant Levi, P.E.  
*Director*

Jack Dalrymple  
*Governor*

January 26, 2016

## ADDENDUM 1 – JOB 8

TO: All prospective bidders on project NHU-6-986(105)109, Job No. 8 scheduled for the February 5, 2016 bid opening.

The following plan revision shall be made:

Plan Revisions:

**See attached summary from Deon D. Wawrzyniak, PE; CPS, dated January 26, 2016 for an explanation.**

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

*For*   
CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER  
80:plm  
Enclosure



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CIVIL ENGINEERING | PLANNING | SURVEYING

January 26, 2016

### ADDENDUM 1 – JOB 8

TO: All prospective bidders and suppliers on **Project NHU-6-986(105)109, Job No. 8**, in Grand Forks County, City of Grand Forks, scheduled for the February 5, 2016 bid opening.

The following plan revisions shall be made:

#### Plan Revisions:

**REMOVE** the following plan sheets, and **REPLACE** with the enclosed sheets revised 01/13/16.

- Section 6 Sheet 2-3

#### SECTION 6

##### **Sheet 2 and Sheet 3:**

- General notes 108-P01 through 108-P11 have been revised.

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

Respectfully,  
CPS, Ltd.

A handwritten signature in blue ink that reads "Deon D. Wawrzyniak".

Deon D. Wawrzyniak, PE  
Project Manager

attachments

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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**NOTES**

**105-P01 PAVEMENT SWEEPING:** The Contractor shall sweep new pavements before opening to traffic and for final acceptance. Additionally, the Contractor shall sweep existing paved surfaces due to construction equipment tracking. For all sweeping activities, the Contractor shall furnish and utilize a vacuum type sweeper to control the dust. All costs for this work shall be included in the bid item "Mobilization."

**105-P02 CONSTRUCTION STAGING AREA:** A designated construction staging area is shown on the Plans and generally located from 14<sup>th</sup> Avenue South to Knight Drive along the west side of South Columbia Road. Contractor shall not store or stockpile aggregate materials, concrete debris or construct a concrete washout within the staging area. Use of the staging area is restricted to storage of non-aggregate materials (i.e. pipe, hydrants, manhole sections, inlet barrel sections and castings), equipment and employee parking. The staging area shall be protected with a 48" high orange supported silt fence, which shall also serve as a safety fence for the area. Contractor shall be paid for restoration of the staging area as described in Section 76, including the silt fence and stabilized construction access. All work necessary to prepare the site for use by the Contractor, including topsoil removal, salvaging and replacement shall be included in the bid items "Temporary Cover Crop", "Seeding Class III" and "Hydraulic Mulch". Restoration of the construction staging area shall provide positive drainage and restored to pre-construction conditions, including a minimum of 4" of topsoil cover.

**107-P01 HAUL ROAD RESTRICTION:** Prior to preparing the bid, the Contractor shall contact the appropriate State, County, Township and City officials to determine if there are any roads classified as "No Haul Routes". Streets within the proximity of the project including; 11<sup>th</sup> Avenue South, 13<sup>th</sup> Avenue South, 14<sup>th</sup> Avenue South, Knight Drive, South 20<sup>th</sup> Street, South 30<sup>th</sup> Street and Columbia Road Overpass shall not be used by the Contractor for haul road use or construction activities. For unloaded truck use only, the Contractor is permitted to use southbound South 42<sup>nd</sup> Street to eastbound 17<sup>th</sup> Avenue South to northbound South Columbia Road and eastbound/westbound 32<sup>nd</sup> Avenue South to/from northbound/southbound South Columbia Road. All loaded trucks shall use DeMers Avenue and South Columbia Road to and from the work area.

**108-P01 CONSTRUCTION SCHEDULE:** Any work on the project that adversely impacts traffic, including lane closures or detours, shall not commence prior to May 3, 2016. Contractor shall schedule construction activities such that from the date a specific construction phase begins until the construction phase ends; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete shared use path and concrete sidewalk, and roadway lighting. All construction phases shall be done in numerical order. Simultaneous construction of multiple phases shall occur as follows: Phases 1B or 1C may be completed with Phase 1A; however, Phase 1B and 1C shall not be closed to traffic or worked on concurrently. Phases 2B, 2C or 2D may be completed with Phase 2A; however, any combination of Phase 2B, 2C and 2D with Phase 2A shall not be closed to traffic or worked on concurrently. Phase 2C shall be completed prior to commencement of Phase 2D. Refer to plan sheet 100-2 for location of construction phases.

**108-P02 PHASE 1 (A, B & C) - SOUTHBOUND LANES SCHEDULE:** Contractor shall schedule construction activities such that from the date the existing roadway is closed to traffic utilizing the southbound lanes of South Columbia Road until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection

paving, curb and gutter, concrete shared use path and concrete sidewalk, and roadway lighting prior to work commencing on Phase 2 (A, B, C & D).

**108-P03 PHASE 1B - 14<sup>TH</sup> AVENUE SOUTH INTERSECTION (WEST APPROACH) SCHEDULE:** Contractor shall schedule construction activities such that from the date the west approach is closed to traffic until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete shared use path and concrete sidewalk, and roadway lighting.

**108-P04 PHASE 1C - 13<sup>TH</sup> AVENUE SOUTH INTERSECTION (WEST APPROACH) SCHEDULE:** Contractor shall schedule construction activities such that from the date the west approach is closed to traffic until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete shared use path and concrete sidewalk, and roadway lighting within 21 consecutive calendar days after closure. Liquidated damages for failure to reopen Phase 1C within 21 calendar days shall be charged at a rate of \$2,500 per calendar day until conditions are met.

**108-P05 PHASE 2 (A, B, C & D) – NORTHBOUND LANES SCHEDULE:** Contractor shall schedule construction activities such that from the date the existing roadway is closed to traffic utilizing the northbound lanes of South Columbia Road until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete sidewalk, and roadway lighting prior to the intermediate completion date.

**108-P06 PHASE 2B - 14<sup>TH</sup> AVENUE SOUTH INTERSECTION (EAST APPROACH) SCHEDULE:** Contractor shall schedule construction activities such that from the date the east approach is closed to traffic until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete sidewalk, and roadway lighting.

**108-P07 PHASE 2C - 13<sup>TH</sup> AVENUE SOUTH INTERSECTION (EAST APPROACH, NORTH SIDE) SCHEDULE:** Contractor shall schedule construction activities such that from the date the east approach, north side, is closed to traffic until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete sidewalk, and roadway lighting.

**108-P08 PHASE 2D - 13<sup>TH</sup> AVENUE SOUTH INTERSECTION (EAST APPROACH, SOUTH SIDE) SCHEDULE:** Contractor shall schedule construction activities such that from the date the east approach, south side, is closed to traffic until traffic is restored; the Contractor shall complete all structures, utilities, storm sewer, roadway and intersection paving, curb and gutter, concrete sidewalk, and roadway lighting.

**108-P09 PHASE 3 - MEDIAN & TURN LANE SCHEDULE:** Contractor shall schedule construction activities such that from the date that one-lane traffic on the northbound and southbound lanes has been restored; the Contractor shall complete turn lane and median paving, curb and gutter adjacent to median, grading, signing, and pavement marking prior to the substantial completion date.

This document was originally issued and sealed by Deon D. Wawrzyniak Registration Number PE-4622, on 01/13/16 and the original document is stored at the office of CPS, Ltd. Grand Forks, ND

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**NOTES**

**108-P10 TRAFFIC SIGNALS SYSTEM AND REVISE TRAFFIC SIGNAL SYSTEM SCHEDULE:** Contractor shall schedule construction activities such that upon completion of Phase 2 (A, B, C & D), the permanent traffic signal system at the South Columbia Road and 13<sup>th</sup> Avenue South intersection and revised traffic signal system at the South Columbia Road and 11<sup>th</sup> Avenue South intersection shall be fully operational to control traffic during Phase 3 construction. This shall include, but not limited to, the installation of the following features: traffic signal foundations and standards; mast arms; signal pole and mast arm traffic signs; pedestrian pushbutton posts, pushbuttons and signs; vehicular and pedestrian heads; video detection system (calibrated and functional); street light extensions and luminaries; cabinet; controller; controller battery back-up; foundations; feed point installation; removal or revisions; emergency vehicle pre-emption system (GPS system calibrated and functional); IT system components and fiber optic interconnect cable, along with all cable, conduit, junction boxes and appurtenances to install the traffic signal system completely. Includes the removal of the existing wiring and any other abandoned existing features that may conflict with the proposed traffic signal system improvements. No additional roadway or lane closures shall be permitted for traffic signal system removal or installation.

**202-P01 SAWING:** The bid items "Saw Concrete" and "Saw Bituminous Surfacing-Full Depth" shall include all labor, materials and equipment necessary to saw existing concrete or bituminous materials, concrete sidewalks, curb and gutter, driveways, or any other existing concrete or bituminous items. Contractor shall saw a clean, vertical full depth cut necessary to facilitate the removal of the material sawed. This item shall be measured by the linear foot on a one-time basis. No measurement shall be made for re-sawing.

**202-P02 REMOVAL OF PAVEMENT:** The bid item "Removal of Pavement" shall consist of the removal of all bituminous and concrete material: sidewalks, driveways, pavement, curb and gutter, medians and all other bituminous and concrete materials. Measurement and payment shall be on a square yard basis. Removed bituminous and concrete shall be incorporated into the salvaged base course in accordance with Section 817 of the Standard Specifications. All bituminous and concrete materials paid for as removal have been deducted from the excavation quantity.

**202-P03 REMOVAL OF PIPE:** The bid item "Removal of Pipe All Types and Sizes" shall include all labor, materials and equipment associated with the excavation, removal, clay backfill and compaction of pipe trench and disposal of all pipe sections as indicated on the Plans.

**202-P04 REMOVAL OF MANHOLES AND INLETS:** The bid items "Removal of Manhole" and "Removal of Inlets" shall consist of removing the castings, covers, rings, barrel sections, bases, insulation, clay backfill and compaction. The existing structure excavation shall be compacted to 98% of the Standard Proctor maximum density as determined by AASHTO T-99. The Contractor shall exercise care during removal operations to salvage the castings, lids and grates. The Contractor shall deliver all castings, lids and grates to the City of Grand Forks maintenance shop located at 724 North 47<sup>th</sup> Street. Contractor shall coordinate delivery with Mr. Dave Kressel. Mr. Kressel may be reached at 701-740-0812. All rings, barrel sections, base slabs, concrete covers, concrete, brick and non-salvageable items shall become the property of the Contractor. All labor, materials and equipment associated with the removal of manholes and inlets as stated above shall be included in the bid item "Removal of Manholes" or "Removal of Inlets".

**203-P01 TOPSOIL:** Contractor shall be responsible for protecting topsoil from contamination during removal, salvaging and stockpiling and replacement. In-place topsoil stockpiled off-site and redelivered to the project site shall not be considered imported topsoil. Topsoil contaminated due to Contractor's operations shall not be reused and topsoil shall be imported at Contractor's expense. In the event an adequate quantity of in-place topsoil cannot be salvaged or existing in-place topsoil is not suitable, imported topsoil shall be paid for as "Topsoil-Imported".

The bid item shall include the placement of 6" of topsoil on all disturbed areas behind the proposed curb and gutter; along sidewalk and shared use path.

**203-P02 EXCAVATION FOR PROPOSED PAVEMENT SECTION:** Perform excavation of the roadway section in accordance with Section 203.04 C. of the Standard Specifications to the proposed elevations. Slope subgrade from the centerline or median to the edges of the excavation. Transitions shall be constructed as shown on the Plans. The Contractor shall verify the vertical edge of the excavation is constructed as shown on the Plans.

Contractor shall install the subsequent pavement section with construction methods that maintain the integrity of the subgrade during aggregate base and concrete pavement placement. In order to maintain the integrity of the subgrade during subsequent operations, the Contractor shall determine the extent of his efforts that will be necessary to maintain the subgrade integrity. These efforts, if necessary, shall be performed at no additional compensation, and shall be included in the bid item "Common Excavation-Subcut".

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