

DATE: May 23, 2014

PROJECT: Street Improvement Project 0511  
Ham Lake, Minnesota

BID DATE: May 29, 2014

TO: All Plan Holders of Record

RE: 147th Avenue from Aberdeen Street to Baltimore Street, Baltimore Street from  
147th Avenue to 148th Lane and 148th Lane from Baltimore Street to Hastings  
Street  
Ham Lake, Minnesota

### **ADDENDUM NO. 1**

This Addendum forms a part of the Contract Documents and modifies the specifications dated May 2014, as noted below. The contractor shall acknowledge receipt of this Addendum in the space provided on the Contractor's Proposal (Bid).

This Addendum consists of one (1) page.

See page 1A – 11 of 18. 1A-26.20 has been change to the following:

Modular block retaining wall shall be gray Keystone modular block, Rockwood Classic 8 straight block, Anchor Diamond Pro block or approved equal. Furnish and install modular block retaining wall with cap block per manufacturer's specifications. The blocks and cap are to be glued in place.

See page 1B – 4 of 6. 1B-10 has been changed to the following:

Payment for installing modular block retaining wall (Keystone block, Rockwood Classic 8 block, Anchor Diamond Pro block or approved equal) shall include excavation, Class 5 aggregate, granular material, fabric, modular block, modular block cap, backfill and shall be at the contract unit price per square yard installed. Buried modular block required for foundation stabilization shall be incidental.

Updated pages are available on [www.rfcengineering.com](http://www.rfcengineering.com) – Ham Lake – 0511 147<sup>th</sup> Avenue/Baltimore Street/148<sup>th</sup> Lane.

- B. Seed mixture shall be Turf Seed Mixture Number 25-151 per MnDOT 2575 and Pond seed mixture 33-261 as shown on the Plans.
- C. Type 2 fertilizer shall be a non phosphorus commercial grade conforming to MnDOT Specification 3881. Fertilizer shall be worked into the topsoil.
- D. Type 5 Hydromulch or Type 6 Hydromulch blend per MnDOT specification 3884 shall be applied per MnDOT specification 2575.3.E.2.b.

1A-26.19 TRAFFIC CONTROL LANE STRIPING:

Latex striping paint shall be on the list of approved latex for striping and pavement markings found on MnDOT's Approved/Qualified Products List website at <http://www.dot.state.mn.us/products/index.html> and shall conform to the MMUTCD.

1A-26.20 MODULAR BLOCK RETAINING WALL:

Modular block retaining wall shall be gray Keystone modular block, Rockwood Classic 8 straight block, Anchor Diamond Pro block or approved equal with cap. Furnish and install modular block retaining wall with cap block per manufacturer's specifications. The blocks and cap are to be glued in place.

1A-27 INSPECTION AND TESTING:

All material inspection and testing will be per the current MnDOT Schedule of Materials Control as of the publication of these Specifications or as specified in these project specifications, whichever is stricter.

1A-27.01 SHOP INSPECTIONS AND TESTING: All materials furnished by the Contractor are subject, at the discretion of the Engineer, to inspection and/or testing by accepted methods at the plant of the manufacturer.

1A-27.02 BITUMINOUS PLANT MONITORING: The bituminous plant is to be monitored by MnDOT. The Contractor shall notify the Engineer at least 72 hours in advance of the material delivery, excluding weekends and holidays, so the plant monitoring can be arranged with MnDOT. The minimum 72 hour notice shall be required for each day of the material delivery. The minimum 72 notice is to specify the quantity, the type of mixture and the expected hours of delivery for that day. No bituminous paving will be permitted without the minimum 72 hour notice. There will be no payment for bituminous paving work items done without the minimum 72 hour notice. Delays in completing the project due to the Contractor's failure to provide the minimum 72 hour notice will result in liquidated damages, the sum of one hundred dollars (\$100) per one hundred thousand dollars (\$100,000) of the Contract Amount, five hundred dollars (\$500) minimum, for each day beyond each contract completion date that the project remains uncompleted. The cost to the City for canceled plant monitoring due to rescheduling of the work by the Contractor will be deducted from the payment to the Contractor.

1A-27.03 BACKFILL: Backfilling shall be in accordance with Section 2A-5.03 Backfill Procedure Above the Pipe Zone of this Specification.

The catch basin is not to be backfilled until the catch basin has been inspected and approved by the Engineer. No payment will be made for the catch basin if it has not been inspected and approved by the Engineer prior to backfill of the catch basin. Cost of meeting the requirements as specified in this Specification and the details on the Plans, including any additional excavation and additional backfilling, shall be at the Contractor's expense.

1A-27.04 SUBGRADE PREPARATION AND EMBANKMENT: Prior to construction of the aggregate base, standard compaction tests in the backfill over piping and in the embankment shall be furnished and paid for by the Contractor at locations as directed by the Owner. Areas tested that fail to meet the requirements specified shall be recompacted and retested at the Contractor's expense.

Compaction testing of the backfill will be the Contractor's responsibility. Any compaction test that fails the requirements as specified in this Specification will be redone and paid for by the Contractor. All testing shall be done by an established independent laboratory.

- 1B-9.03 WEARING COURSE MIXTURE (BIKE PATH) (MnDOT 2360.503): Payment shall be at the contract unit price per square yard in place measured based on weight slips furnished by the Contractor. Payment shall be limited to the calculated area of the plan area and the plan thickness within the project specification tolerance. Weight slips shall be furnished by the Contractor as the materials are delivered to the job site. Payment shall be per Table 2360-22 in MnDOT Specification 2360 except payment will not exceed 100 percent.
- 1B-9.04 BITUMINOUS MATERIAL FOR TACK COAT (MnDOT 2357.502): Payment for tack coat shall be incidental to bituminous pavement.
- 1B-10 MODULAR BLOCK RETAINING WALL (MnDOT 2540.618): Payment for installing modular block retaining wall (keystone block, Rockwood Classic 8 block, Anchor Diamond Pro block or approved equal) shall include excavation, Class 5 aggregate, granular material, fabric, modular block, modular block cap, backfill and shall be at the contract unit price per square yard installed. Buried modular block required for foundation stabilization shall be incidental.
- 1B-11 CULVERTS AND STORM DRAINS (MnDOT 2501 AND 2503):
- 1B-11.01 CULVERTS AND STORM DRAINS (MnDOT 2501.511): Payment for installing culvert and storm pipe shall be at the contract price per lineal feet, which shall include the cost of furnishing and installing pipe, joint ties, gaskets, fittings, pipe bends, pipe ties, anchors, furnishing bedding material and other material and cost of delivering, handling, laying, dewatering, trenching, sheeting and backfilling, restoring of surfaces, necessary permits, testing, shop drawings, shop inspection when required, televising of storm drain, all material, batter boards or work necessary to install the pipe complete in place at the depth shown on the Plans and/or noted in the Specifications and all the work for preparing and submitting as-builts and video. As-builts and televising footage shall be provided prior to the placement of the aggregate base. The length of storm drain pipe for which payment is made shall be the actual overall length measured along the axis of the pipe from manhole to manhole and to the outside face of walls of intervening structures and no deduction in pipe length shall be made for standard bends, specially cast bends, specially cast transitions, and manholes as hereinafter set forth in this Specification. Any connection to existing facilities is considered incidental to the project. Select granular borrow, structural excavation and granular backfill for storm drains are incidental to the storm drains and culverts. Copy of televised storm drain shall be provided to City Public Works prior to payment. Cost associated with the televising and providing as-builts of the storm drain and culverts shall be incidental to the storm drain and culverts.
- 1B-11.02 APRONS (MnDOT 2501.515): Aprons will be paid for at the contract unit price for furnishing and installing each end section, gaskets, fittings, pipe ties, safety apron, bedding material, anchors and other material and cost of delivering, handling, laying, dewatering, trenching, sheeting, backfilling, restoring of surfaces, necessary permits, testing, shop drawings, shop inspection when required, televising of storm drain and all material, batter boards or work necessary to install the flared end sections complete in place at the depth shown on the Plans and/or noted in the Specifications. A copy of televised storm drain shall be provided to City Public Works for review and approval prior to payment. Cost associated with the televising of the storm drain, culverts, FES and structures shall be incidental to the storm drain.
- 1B-11.03 TRASH GUARD (MnDOT 2501.602): Trash Guards will be paid at the contract unit price for furnishing and installing each trash guard installed and fastened.
- 1B-12 RIPRAP (MnDOT 2511):
- 1B-12.01 RANDOM RIP RAP CLASS III (MnDOT 2511.501): Payment shall be at the contract unit price per cubic yard in place.
- 1B-12.02 GEOTEXTILE FILTER FABRIC FOR RIPRAP (MnDOT 2511.515): Geotextile filter fabric material, Type IV payment shall be at the contract unit price per square yard.