

# BID ADDENDUM NO. 1

City of Auburn, Maine  
South Main Street Roadway Reconstruction: Phase II  
December 5, 2014

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Notice is hereby given that Addendum No. 1 provides further clarification for questions asked by Bidders before and during the Pre-Bid meeting held on December 4, 2014, and includes the Pre-bid attendance list. Bidders are instructed to acknowledge receipt of this Addendum by inserting its number and date in the "Acknowledgement of Bid Amendments".

**Bidder Questions:** The answers below are provided in response to questions and comments submitted by Bidders.

1. Question: Is the Item 635 pay quantity based upon the SF of all block installed or only the SF portion exposed above finish grade?  
**Answer: Item 635.31 shall be measured based upon the square footage of exposed block installed. See Specification section of this Addendum for amendments to the specifications.**
2. Question: Only two wall systems are currently approved by the MDOT under Item 635. Will other wall systems be acceptable?  
**Answer: Only wall systems on the Department's Qualified Products List will be acceptable.**
3. Question: Item 635 requires "...geotechnical design of any wall with an exposed height greater than 4.5 feet or as specified on Plans". This does not appear to be the case at South Main Street. The exposed wall height appears to be less than 4.5 feet. Therefore, what is the level of engineering required? Layout only, stamped calculations, or complete LRF design?  
**Answer: The exposed wall height does not exceed 4.5 feet, and therefore, only layout and stamped calculations are required. A complete LRF design is NOT required.**
4. Question: Standard MaineDOT details required a concrete leveling course. With all the steps that are shown on the drawings can a leveling course of crushed stone be utilized instead of the concrete? The crushed stone will allow for a more continuous schedule of work instead of taking breaks to form and place the concrete leveling course and allowing curing time to set the blocks.  
**Answer: A crushed stone leveling pad will be allowed in lieu of a concrete leveling pad. Crushed stone utilized in the leveling pad shall be equal to MDOT 703.22 – crushed stone for Underdrain Type C. See Specification section of this Addendum for amendments to the specifications.**
5. Question: Please clarify what is to be included with Item 604.16 "Alter cb to mh" and Item 604.161 "Alter cb".  
**Answer: Item 604.16 "Alter Catch Basin to Manhole" includes removing and disposing of existing frame and grate and furnishing and installing solid manhole cover and frame. Item 604.161 "Alter Catch Basin" includes removing and disposing of existing frame and grate and furnishing and installing new frame and grate. See Specification section of this Addendum for amendments to the specifications.**
6. Question: Are curb inlet stones (headstones) required for the new catch basins?  
**Answer: Yes.**
7. Question: Will the pre-manufactured curb ramp warning be allowed for item 608.26?  
**Answer: No. Only detectable warning plates on the Department's Qualified Products List will be acceptable.**

8. Question: Please clarify which gradation is to be used for the crushed stone to be used in Item 203.29.  
**Answer: Item 203.29 gradation shall be equal to MDOT 703.22 – crushed stone for Underdrain Type C. See Specification section of this Addendum for amendments to the specifications.**
9. Question: Is the “Stone Strong” wall system as produced by Precast of Maine allowed to be used for Item 635.31?  
**Answer: “Stone Strong” is on the Department’s Qualified Products List and will be an acceptable product for work under Item 635.31.**
10. Question: Also for Item 635.31 would a crushed stone leveling pad be allowed in lieu of a concrete leveling pad?  
**Answer: See Answer to Question 4 above.**
11. Question: On Sheet G001, general note 22 call for all pipe with less than 6’ of cover to receive 2” of rigid insulation installed over it. Does this include the Type B and Type C under drain?  
**Answer: Rigid insulation is NOT required over any underdrain. See Drawing section of this Addendum for amendments to the drawings.**
12. Question: In SP # 635 sec 635.031 Concrete Units, includes the sentence: “Pigment shall be added during the casting process of the concrete unit to achieve a consistent shade of gray or other color as determined by the resident.”  
This is an added production step that adds about \$ 2.00/Sq Ft to the cost of the blocks. Is the added pigment & cost required?  
**Answer: The added pigment is Not required. See Specification section of this Addendum for amendments to the specifications.**
13. Question: Would you please verify the quantity for Item 635.31 Prefabricated Concrete Block Gravity Wall? I am not coming up with your quantity.  
**Answer: Quantity for Item 635.31 has been revised to account for exposed front surface of block only. See Specification section of this Addendum for the revised Schedule of Items.**
14. Question: The Special Provision 812 for Item 812.162 “Adjust Sewer Manhole to Grade” states that new metal tops and covers are to be installed where required. Please clarify the number of new frames and covers that are required for sanitary sewer manholes.  
**Answer: New frames and covers are required for all six (6) sanitary sewer manholes.**
15. Question: It is anticipated that the Contractor will have to replace water services?  
**Answer: All water mains, services and hydrants have recently been replaced within the project location. Items 824.321 and 830.102 have been deleted from the Schedule of Items. See Specification section of this Addendum for amendments to the specifications.**
16. Question: In Special Provision 105, two lanes of traffic are required from 6am-9am and 3pm-6pm? If this is required, it will be difficult to complete the project by the specified completion date.  
**Answer: Two travel lanes will not be required during weekdays from 6am-9am and 3pm-6pm. See Specification section of this Addendum for amendments to the specifications.**
17. Question: What is the construction estimate for the project?  
**Answer: The Engineer’s Opinion of Probable Construction Cost is approximately \$1,000,000.**

**Specifications:** Notice is hereby given that the specifications have been modified and replacement pages issued herewith. Replacement pages have an date of December 5, 2013 and contain reference to "Addendum 1" in the header.

Replacement pages included:

- Schedule of Items
- Special Provision Section 607 - Fences

Amend specifications as follow:

- **Special Provision Section 105 – General Scope of Work (Limitations of Operations)**

DELETE the following:

"...except during weekdays from 6am-9am and 3pm-6pm when two 11 ft. wide travel lanes shall be maintained (1 lane in each direction)."

- **Special Provision Section 203 – Excavation and Embankment**

203.02 Materials:

DELETE the following:

"MDOT 703.31 - Crushed Stone."

REPLACE with:

"MDOT 703.22 – crushed stone for Underdrain Type C."

- **Special Provision Section 604 – Manholes, Inlets and Catch Basins**

ADD the following paragraphs:

"604.04 Altering, Adjusting, and Rebuilding Catch Basin and Manhole: This subsection is amended to read as follows:

a. Altering Catch Basin The existing top assembly shall be removed and replaced with a new frame and grate set to the required grade using approved clay brick and mortar.

This subsection is also amended by the addition of the following:

d. Alter Catch Bain to Manhole The existing frame and grate shall be removed and disposed of and replaced with solid manhole cover and frame set to the required grade using approved clay brick and mortar."

- **Special Provision Section 635 – Precast Concrete Block Gravity Wall**

635.031 Concrete Units, C. Construction

DELETE the following paragraph:

“Add the following paragraph at the end of the Construction section:

Face texture of the units shall be a formed finish on all exposed surfaces. Pigment shall be added during the casting process of the concrete unit to achieve a consistent shade of gray or other color as determined by the Resident.”

#### 635.034 Concrete Leveling Pad

ADD the following paragraphs:

635.0341 Crushed Stone Leveling Pad: Contractor may utilize a crushed stone for the wall leveling pad in lieu of concrete. Crushed stone shall conform to the requirements of 703.22 – crushed stone for Type C Underdrain.”

#### 635.07 Method of Measurement:

DELETE the following:

“...will be measured by the square foot of front surface”

REPLACE with:

“...will be measured by the square foot of exposed front surface”.

**Drawings:** Notice is hereby given that the Drawings have been modified and replacement sheets issued herewith. Replacement Drawings contain reference to “Addendum 1” in the title block, and changes identified by revision clouds.

Replacement sheets included:

- Sheet G001            General Notes, Legend & Sheet Index
- Sheet G003            Test Pit Locations - 1
- Sheet G004            Test Pit Locations - 2
- Sheet G005            Test Pit Locations - 3
- Sheet C204            Plan & Profile Sta. 21+00 – 26+50
- Sheet C205            Plan & Profile Sta. 26+50 – 32+00
- Sheet C206            Plan & Profile Sta. 32+00 – 37+50
- Sheet C207            Plan & Profile Sta. 37+50 – 43+00
- Sheet C403            Civil Details - 4
- Sheet C405            Prefab Concrete Block Gravity Wall Profile