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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Randy Hill, Public Works Director
FROM: Jon Lutz, City Engineer
DATE: June 16, 2014
RE: Change Order 3 – Colorado Street Reconstruction Project

INTRODUCTION:

The City of Muscatine is reconstructing Colorado Street from Park Ave. to University Drive under contract with Heuer Construction. A storm sewer system from Cobblestone Drive west to an existing ditch was not considered in the original design and requires revisions for the project to be completed. Silty and sandy soils exist in the project corridor requiring subdrain with a filter sock versus subdrain only. The effective life of the subdrain will be considerably extended with a filter sock and will thus provide extended life to the pavement.

BACKGROUND:

A detailed description of all items included in this change are shown on the attached change order 3, ITC #3 and revised plan sheet M06. Storm sewer item increases are \$13,730.00 and subdrain item net increase is \$3,246.75 for a total net increase of \$16,976.75.

RECOMMENDATION/RATIONALE:

The City Engineer recommends approving Change order #3 for an increased contract amount of \$16,976.25.

BACKUP INFORMATION:

1. Change Order 3
2. ITC #3

INSTRUCTION TO CONTRACTOR

ITC #3



Colorado Street Re-Construction

Park Avenue to University Drive

IDOT Project No: STP-U-5330(616)—70-70

SHPE No. 13381/10015

Title: Extend Existing Storm Sewer

Date: January 31, 2014

The following instruction is issued to:

- Clarify contract documents and/or procedures
- Request a Change Authorization Request for Owner's further consideration
- Transmit documents for incorporation into the contract, subject to the last paragraph below.
- Respond to Contractor's RFI No. ____.

Description of Instruction:

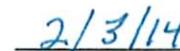
Remove existing 18" flared end section located northeast of the new box culvert. Install a circular storm sewer manhole (SW-401) over the end of the existing 18-inch pipe. Install 18-inch RCP from new SW-401 to new box culvert. Remove approximately 8 LF of existing box culvert abandoned in place. Connect to new box culvert. Adjust as necessary to avoid connection at box culvert joint.

Extend existing tiles located northeast of the new box culvert to daylight. Install rodent guard on end of each tile. Contractor shall confirm all tile located in impacted area shall be daylighted with an installed rodent guard, or connected to an approved storm sewer structure or pipe.

Remove existing flared end section and pipe east of Cobblestone Drive. Patch opening in existing intake structure on east side of Cobblestone Drive.

See included revised Sheet M.06.


Name: Robert W. Tobin
Title: Civil Engineer


Date

If, in your opinion, this instruction involves work which either increases or decreases the Contract sum or Contract time you shall not proceed until you submit a Change Authorization Request and receive Owner's approval to proceed with the work.

