



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Randy Hill, Public Works Director
FROM: Jim Edgmond, City Engineer (Acting)
DATE: Dec 30, 2014
RE: Change Order 5 – Colorado Street Project

INTRODUCTION:

The City of Muscatine is reconstructing Colorado Street from Park Ave. to University Drive under contract with Heuer Construction. Water main improvements are included in the project and funded by Muscatine Power & Water.

BACKGROUND:

At the east end of Colo.St., in front of the Walnut Park Baptist Church are two private storm sewers that emptied out into the existing ditch. The reconstruction of Colo. fills in this ditch and places curb and gutter and storm sewer. Two private storm sewers had to be constructed to pipe these two storm sewers to the nearest street inlet structure. This work was done on a Time and Material basis because of many buried utilities including 3 separate Fiber Optic line that the storm sewers needed to cross along with one copper communication line and a gas line. 75' of 12" and 70' of 24" piping was laid along with constructing 3 small structures. Installation is necessary at this time because the pipe would have to discharge onto the public sidewalk proposed on the north side of the new street. This storm sewer will be the property owners to maintain in the future.

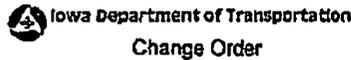
RECOMMENDATION/RATIONALE:

It is recommended to approve Change order #5 in the amount of \$7,288.87. No other reasonable method exists to take care of this drainage.

BACKUP INFORMATION:

1. Change Order 5
2. ITC #13

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain



Change Order

Non-Substantial:

Part

Non-Part

No. 005

Substantial:

Concurrence Date

Contract Accounting ID No.: 31005

County Muscatine

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

Kind of Work: PCC PVTM-GRADE AND REPLACE Date Prepared: 11/14/2014

Contractor: HEUER CONSTRUCTION

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made or extra work to be done:

THIS REVISION IS FOR SOME PRIVATE STORM SEWER TO ROUTE THREE PLASTIC PIPES, 20", 2- 8", FROM WHERE THEY DAYLIGHTED INTO THE EXISTING NORTH DITCH TO THE NEAREST PUBLIC STORM SEWER. BECAUSE OF THE LARGE NUMBER OF UNDERGROUND UTILITIES AT THESE TWO LOCATIONS THE WORK WAS DONE ON A TIME AND MATERIAL BASIS. THIS WORK WAS ADDED TO THE CONTRACT WITH ITC #13 (SEE ATTACHED).

B - Reason for change or extra work:

THE WORK IS NECESSARY FOR COMPLETION OF PROJECT BECAUSE THE PIPES LEFT ON THE EDGE OF THE PRIVATE PROPERTY WOULD HAVE DISCHARGED DIRECTLY ONTO THE DESIGN SIDEWALK AND/OR THE PARKWAY BELOW THE TOP OF CURB ELEVATION. THESE EXISTING PIPES WERE IDENTIFIED IN THE DESIGN TOPO. BUT NOT INCLUDED OR PROVIDED FOR IN THE DESIGN OF THE ROADWAY.

(Continued on reverse side)

Approved: [Signature] 12/29/2014 Date

District Construction Engineer. Road Systems

[Signature] Project Engineer

12/23/2014 Date

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to.

Approved contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

Heuer Const. Inc Contractor

By [Signature] 12-23-14 Date

Date For the Division Administrator Federal Highway Administration

Approved Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer - Forward original to District. District - Nonsubstantial - Forward original and one copy to the Office of Construction and two copies back to the Project Engineer. - Substantial - Forward original and two copies to the Office of Construction.

Dick 12/29/14

C-1 - Settlement for cost of work to be made as follows:

Change Order No. 004

NEW LUMP SUM PRICES FOR THIS WORK BASED UPON THE FORCE ACCOUNT STATEMENT ATTACHED. THREE (3) WORKING DAYS WILL BE ADDED TO THE CONTRACT FOR THIS WORK AS IT DELAYED THE CONCRETE DRIVEWAY PAVING TO THE CHURCH.

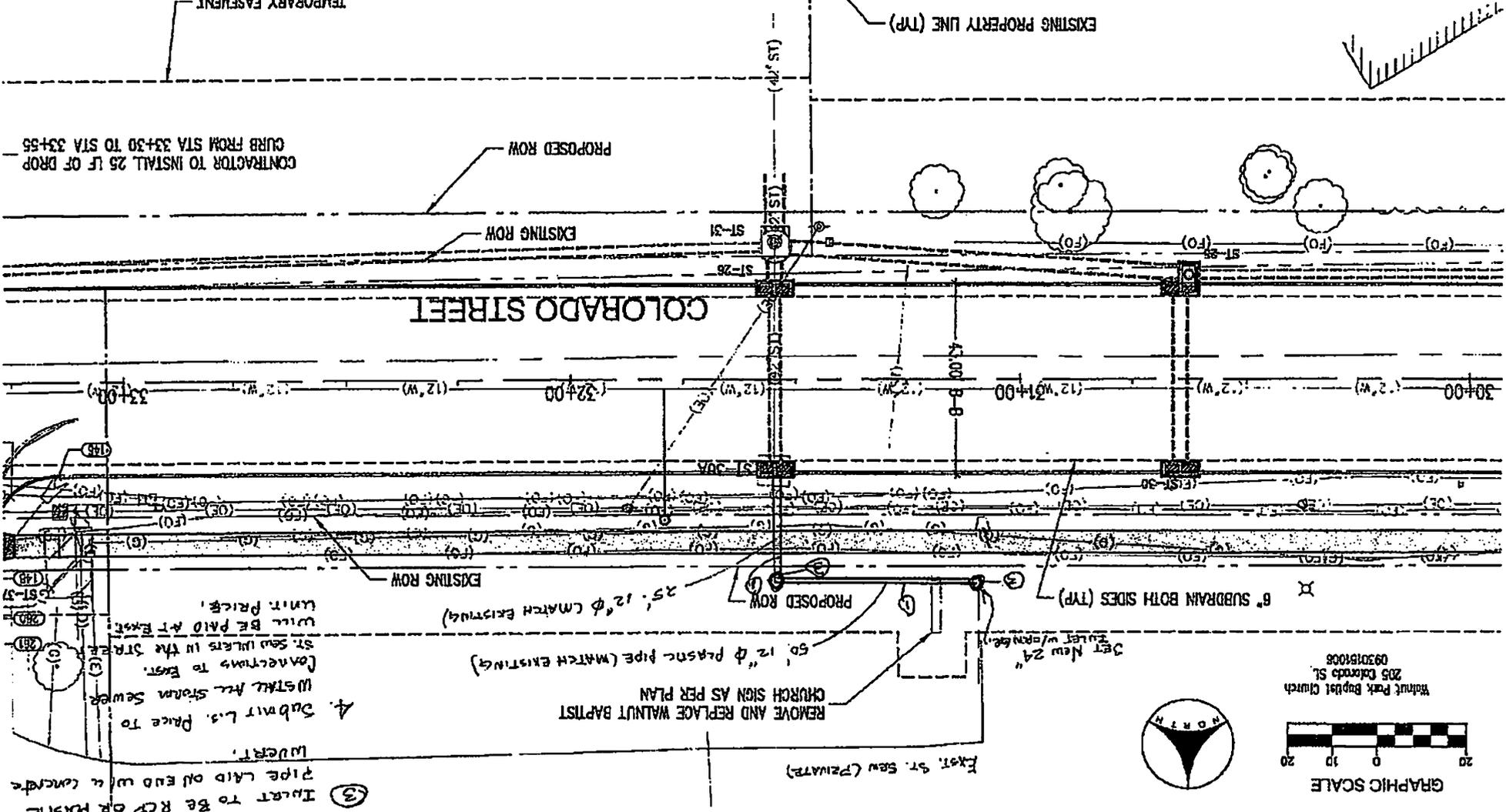
C-2 - Justification for cost(s) THIS LUMP SUM PRICE(S) WAS DEVELOPED FROM THE ACTUAL TIME AND MATERIAL COSTS TO PERFORM THE WORK. THIS WAS DONE BECAUSE OF THE MULTIPLE GAS, FIBER OPTIC AND COMMUNICATION LINES PRESENT AT THE STORM SEWER LOCATIONS.

D - ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .xxx	If Credit Add "CR"	
			Quantity .xxx	Amount .xx
7				
7				
7				
7				
7				
7				
7				
TOTAL				

E - ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	If Credit Add "CR"	
					Quantity .xxx	Amount .xx
8014	PRIVATE STORM SEWER AT CHURCH (LUMP SUM) <i>Non-Part</i>	2599-9999010		7288.87	1.000	7288.87
8						
8						
8						
8						
8						
8						
TOTAL						7288.87



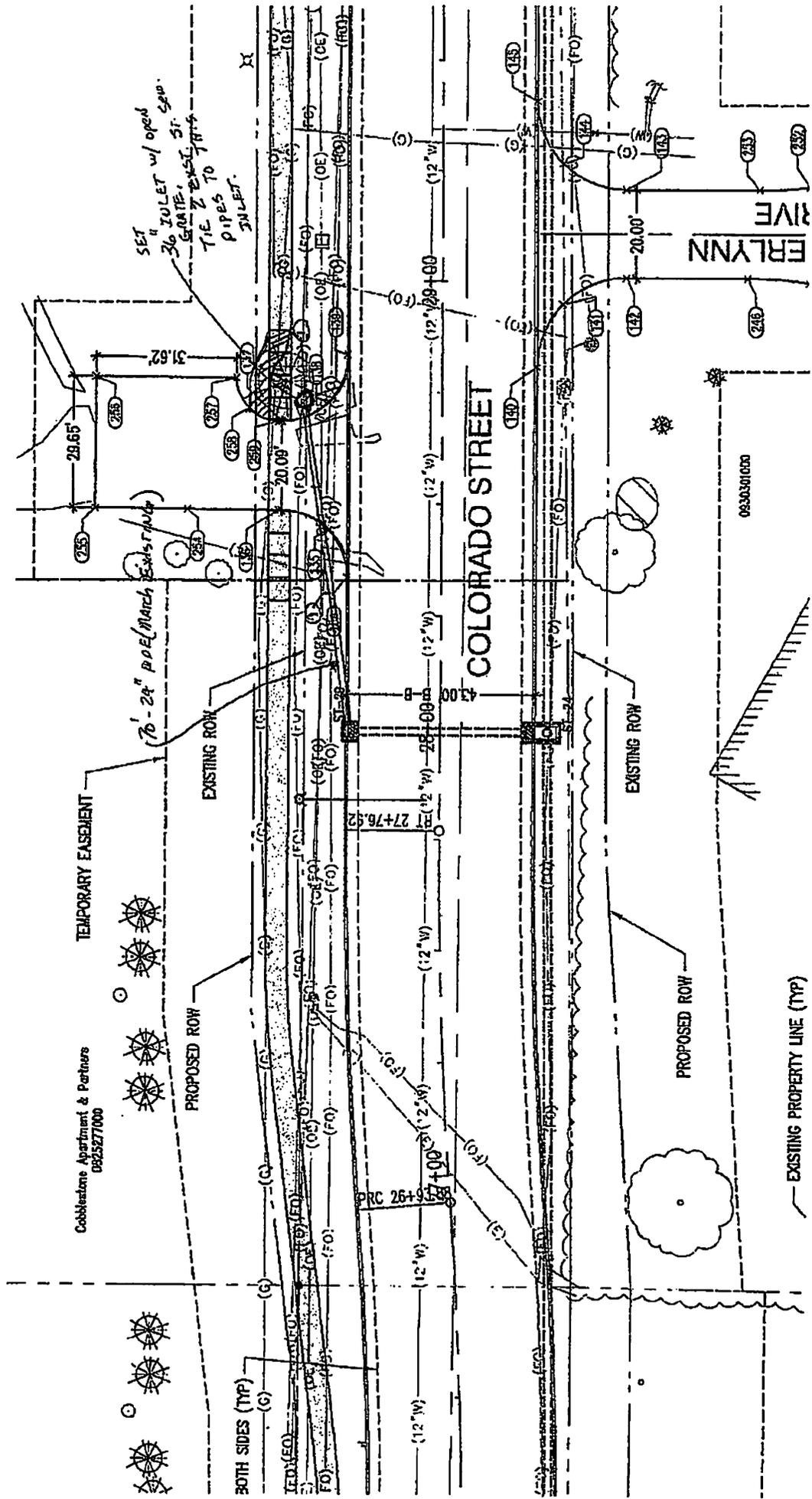
- Notes
1. Field locate storm sewer AFTER NOT HOULD ALL UTILITIES
 2. Pipe to have 4" off bedding AND BACKFILL w/ COMPACTED EXCAVATED MATERIAL.
 3. Invert to be RCP OR PLASTIC PIPE LAID ON END w/ concrete
 4. Submit L.S. Pace to install all storm sewer connections to exist. st. sew inlets in the street. Will be paid at exist. unit price.

ITC #13
Colorado St.
SHEET 1 OF 2

PRIVATE STORM SEWER TO PICK UP STORM SEWER MISSED IN THE DESIGN PROCESS.

STR-U-5330(610)-70-70

NOTES ON SHR. 1 APPLY
 TO THIS SHEET.



Cobblestone Apartment & Partners
 0825277000

0630301000

ERLYNN RIVE