



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: Brian Stineman Public Works Director

FROM: Jim Edgmond, City Engineer

DATE: Nov. 27, 2018

RE: Change Orders 034 through 057 and 019 for Mississippi Drive Corridor Reconstruction Project

INTRODUCTION:

The City of Muscatine is reconstructing Mississippi Drive Corridor from Broadway to Mulberry Ave. on Miss. Drive and from Mulberry to Mad Creek on E. 2nd St. These last phases of the project are approximately 99% complete. Multiple items have come up during construction that required change orders/ contract modifications due to the City's work and due to MPW's work. Approval of these change orders is requested so the construction can continue and the contractor can complete his work.

BACKGROUND:

Change orders for this project have been previously approved in July of 2017 and in December of 2017.

This project has contract work for the City of Muscatine and Muscatine Power and Water (MPW). As such, these change orders fit into three categories. One is the change order is the City's cost to pay. The second category is the change order is MPW's cost to pay, and the third is the cost is split between MPW and the City. A summary of the change orders is attached and shows the total dollar value of each change order to date and the portion of this cost that is MPW's and the City's.

The reasons for the extra work range from installing jersey barriers to satisfy CP railroad's request to redoing Family Dollar's access due to the flooding that happened this fall. Unforeseen underground conditions are responsible for some of these additional costs.

RECOMMENDATION/RATIONALE:

It is recommended that these change orders be approved as listed on the attached summary and

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

signed by the Mayor. The actual change orders are available for review at the City Administrator's office.

BACKUP INFORMATION:

1. Mississippi Drive Corridor Change Order Listing, dated 11/26/2018.

KOALA CONSULTING SERVICES



City of Muscatine Project No.:

SCI PROJECT NO.:

EPA/IADNR PROJECT NO.:

CHANGE ORDER LISTING

PROJECT: City of Muscatine, Mississippi Drive Corridor Project

CLIENT: Public Works Department, City of Muscatine, IA

CONTRACTOR: KE Flatwork, Inc.

Latest Revision _____ 11/26/18

CHANGE ORDER NO.	DESCRIPTION	UNIT	UNITS										AUTHORIZED	
			UNIT PRICE	Date Drafted	Owner Signed	C.O. No. of Units	UNITS TO DATE	DOLLARS TO DATE	Total Cost	MPW PORTION	CITY PORTION			
MDCR17-001	Water Service Modifications to Mississippi Brew	LS		6/5/17	N	1								cancelled
MDCR17-002	CQA	LS												No Time or Dollar Change.
MDCR17-003	Stockpiled Materials. Refer to 8003	LS	\$65,039.46	7/12/17	Y	1				\$65,039.46				
MDCR17-004	Speciality Sign. Refer to 8004, 8005, 8006, 8007, and 8008.	LS	\$362.50	7/17/17	Y	1		1	\$362.50	\$362.50		\$362.50		
MDCR17-005	Sump Pump Tie-In for 119 East Mississippi Drive (Gary Diercks). Refer to 8009	LS	\$340.00	7/17/17	Y	1		1	\$340.00	\$340.00		\$340.00		
MDCR17-006	Core Drilling & Re-Stocking Fee. Refer to 8010 and 8011.	LS	\$2,487.44	7/17/17	Y	1		1	\$2,487.44	\$2,487.44		\$2,487.44		
MDCR17-007	VAULT LID MODIFICATIONS (ITC 002A) 8013	LS	\$6,000.00	12/14/17	Y	1		1		\$6,000.00	\$6,000.00			
MDCR17-008	2" WATER SER. LINE EDKIN (ITC 005) 8023	LS	\$8,475.00	12/14/17	Y	1				\$8,475.00				\$0 TO CONTRACT
MDCR17-009	H2O SER. LINE MOD OLD HOTEL (ITC 020), LEAKY FLANGE 8014	LS	\$292.50	12/14/17	Y	1		1	\$292.50	\$292.50	\$292.50			
MDCR17-010	STORM SEW 18" TO TWIN 12" (ITC 022) INTAKE 57 TO 61 8015	LS	\$1,347.52	12/14/17	Y	1		1	\$1,347.52	\$1,347.52		\$1,347.52		
MDCR17-011	2ND HYDRANT RELOCATION AT OLD HOTEL (ITC 023) 8016	LS	\$869.00	12/14/17	Y	1		1	\$869.00	\$869.00		\$869.00		
MDCR17-012	RESTRAINED JOINT ON 10" WATER CHESTNUT ST. (ITC 024) 8038	LS	\$3,840.00	12/14/17	Y	1		1	\$3,840.00	\$3,840.00	\$3,840.00			
MDCR17-013	TRAFFIC SIGNAL FOUNDATIONS (ITC 025A) 7001,7002,7003 & 8017	LS	\$100.00	12/14/17	Y	32		10.45	\$1,045.00	\$3,200.00	\$1,045.00			+101041.22 FOR SIG. FOUNDA
MDCR17-014	ELIMINATE ELEC VAULT AT MUL. & SYC (ITC 027) 8018	LS	\$4,975.00	11/8/18	Y	1				\$4,975.00	\$4,975.00			MPW cost
MDCR17-015	STR LIGHT FOUNDATION LINN TO BROADWAY (ITC 029) 8019	LS	\$2,285.00	12/14/17	Y	1		1	\$2,285.00	\$2,285.00	\$2,285.00			
MDCR17-016	WTR MOD BORE & EXST 6" ON PARK SIDE (ITC 032) 8020	LS	\$4,849.50	12/14/17	Y	1		1	\$4,849.50	\$4,849.50	\$4,849.50			
MDCR17-017	8x18" JUNC BOXES FOR STREET LIGHTS (ITC 035) 8021	EA	\$490.00	12/14/17	Y	52		9	\$4,410.00	\$25,480.00	\$4,410.00			
MDCR17-018	ST. SEW ELEVATION CHANGE AT PINE (ITC 039) 8022	LS	\$2,250.00	12/14/17	Y	1		1	\$2,250.00	\$2,250.00		\$2,250.00		
MDCR17-019	REVISE TRANSFORMER LOCATION NEAR TRAIL (ITC 040)	LS	\$5,500.00	11/8/18		1				\$5,500.00	\$5,500.00			
MDCR17-020	BURIED ELECTRICAL WARNING TAPE (ITC 041) 8024	LF	\$1.00	12/14/17	Y	5000		3459		\$5,000.00	\$3,459.00			
MDCR17-021	WATER MAIN ALONG BLUFF AND RESTOCKING FEE (ITC 42 & 42A) 8025	LS	\$4,112.50	12/14/17	Y	1		1		\$4,112.50	\$3,132.50	\$980.00		
MDCR17-022	MILLING FOR TEMP BACKFILL OF TRAFFIC ISLANDS (ITC NA) 8026	LS	\$1,465.00	12/14/17	Y	1		1		\$1,465.00		\$1,465.00		
MDCR17-023	H2O SER SMITHS LEAD SER. REPLACE. (ITC NA) 8027	LS	\$3,041.17	12/14/17	Y	1		1		\$3,041.17	\$3,041.17			
MDCR17-024	EROSION CONTROL BLANKETS (ITC NA) 8028	SY	\$3.50	12/14/17	Y	1000		1000		\$3,500.00		\$3,500.00		
MDCR17-025	REMOVAL OF CONC AND PLACE HMA NEXT TO RR (ITC NA) 8029	LS	\$2,103.74	12/14/17	Y	1		1		\$2,103.74		\$2,103.74		
MDCR17-026	TRAIL PATCH FOR WATER BORE (ITC NA) 8030	LS	\$2,000.00	12/14/17	Y	1		1		\$2,000.00	\$2,000.00			
MDCR17-027	WATER DOWN BLUFF "SPRING FIX" (ITC NA) 8031	LS	\$800.00	12/14/17	Y	1		1		\$800.00		\$800.00		
MDCR17-028	TEMP HANDICAPPED ACCESS RAMP LINN (ITC NA) 8032	LS	\$500.00	12/14/17	Y	1		1	\$500.00	\$500.00		\$500.00		
MDCR17-029	EDKIN BUILDING SEWAGE BLOCKAGE (ITC NA) 8033	LS	\$2,732.50	12/14/17	Y	1		1		\$2,732.50		\$2,732.50		
MDCR17-030	RESURVEY OF CONSTRUCTION STAKING 8034	LS	\$880.00	12/14/17	Y	1		1		\$880.00		\$880.00		
MDCR17-031	SUBDRAINS AT OLD HOTEL HOOKING INTO INLETS (ITC NA) 8035	LS	\$3,050.00	12/14/17	Y	1		1		\$3,050.00		\$3,050.00		
MDCR17-032	STORM STR 9A REVISION DUE TO ROCK (ITC NA) 8036	LS	\$250.00	12/14/17	Y	1		1		\$250.00		\$250.00		
MDCR17-033	CONC. JERSEY BARRIERS AT CEDAR ST AT TRACK (ITC NA) 8037	LS	\$4,000.00	12/14/17	Y	1		1		\$4,000.00		\$4,000.00		
MDCR17-034	ADDITIONAL RR PTOTECTIVE LIABILITY INS. COST 8038	LS	\$3,232.00	8/14/18	Y	1		1		\$3,232.00		\$3,232.00		
MDCR17-035	ISLAND REMOVAL AND RECONSTRUCTION (ITC 46)	LS		11/8/18										no change order quantity adj.
MDCR17-036	SUB HDPE FOR DUCTILE WATER MAIN 8039	LS	\$1,350.00	11/8/18		1				\$1,350.00		\$1,350.00		even trade no dollars
MDCR17-037	DUCT BANK MODS AT WALNUT AVE (ITC 47)													quantity adjustments
MDCR17-038	STORM SEW MODS E. 2ND STREET (ITC 49)													quantity adjustments
MDCR17-039	PRICE FOR 4" CONDUIT (ITC 51)													quantity adj. pay as 6"
MDCR17-040	PARKING LOT STOP BLOCKS (ITC 54) 8040	EA	\$100.00	11/8/18		31				\$3,100.00		\$3,100.00		
MDCR17-041	BOLLARDS AT PED CROSSING ON E 2ND & CEDAR @ MISS DR. 8041	EA	\$1,150.00	11/8/18		6				\$6,900.00		\$6,900.00		
MDCR17-042	MULBERRY 4' MH, ITC 027													Included in CO 014
MDCR17-043	CORE DRILLING													Not needed
MDCR17-044	CONC FILL(Below sidewalk at Bank on Miss. Drive) 8042	LS	\$2,600.00	11/8/18		1				\$2,600.00		\$2,600.00		
MDCR17-045	STONE AT 2ND AND ORANGE 8043	LS	\$2,047.00	11/8/18		1				\$2,047.00		\$2,047.00		
MDCR17-046	SYCAMORE LOWER STRUCT , 3 intakes & 1 manhole 8044	LS	\$1,800.00	11/8/18		1				\$1,800.00		\$1,800.00		
MDCR17-047	2ND AND ORANGE-INLET MODIFY 8045	LS	\$300.00	11/8/18		1				\$300.00		\$300.00		used exst inlet not on plans
MDCR17-048	CONC. OFF OF MH & ELEC VAULT mpw													in ITC 2 (CO 014)
MDCR17-049	CHESTNUT STEPS REMOVAL 8046	LS	\$450.00	11/8/18		1				\$450.00		\$450.00		
MDCR17-050	18" HMA EXPANSION STRIP AT CEDAR NEXT TO CPRR 8047	LS	\$3,750.00	11/8/18		1				\$3,750.00		\$3,750.00		CPRR add requir. After letting
MDCR17-051	ELECTRICAL TERMINATIONS AT ALL LIT SIGNS 8048	LS	\$1,944.40	11/8/18		1				\$1,944.40		\$1,944.40		

