

**CITY OF MASON
Public Utilities Department**

CHANGE ORDER No. 1

PROJECT: City of Mason, South Central Sewer Improvements Date of Issuance: Effective Date:
OWNER: City of Mason, South Central Sewer Improvements ENGINEER: Finkbeiner, Pettis & Strout, Inc. CONTRACTOR: Larry Smith Contractor's, Inc.

The following changes have been incorporated into the Contract Documents.

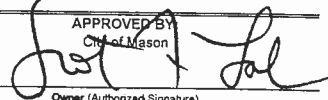
Bid Item #:	Description, Field order, Unit change, Unit Cost:
Original Contract	
1	C.D.F., increased 18 C.Y. at \$37.00 per C.Y.
2	ODOT Item 601.07 (Type D), increase 29 C.Y. at \$80.00 per C.Y.
3	Temp. Pavement, deleted 9 S.Y. at \$10.00 per S.Y.
4	ODOT Item 301 Bituminous Aggregate Base, deleted 2 C.Y. at \$100.00 per C.Y.
5	ODOT Item 402 Asphalt Concrete Intermediate Course, deleted 1 C.Y. at \$130.00 per C.Y.
6	ODOT Item 404 Asphalt Concrete Surface Course, deleted 1 C.Y. at \$130 per C.Y.
7	Manholes, decreased 36 L.F. at \$250.00 per L.F.
10	12 Inch Sanitary Sewer SDR-35, 8'-12' deep, increased 3 L.F. at \$81.00 per L.F.
16	8 Inch Sanitary Sewer SDR-35, 12'-16' deep, deleted 15 L.F. at \$88.00 per L.F.
17	Reconnect Existing Service Connections, deleted 1 EA. At \$650.00 EA.
18	Television Inspection of Sewers, decreased 15 L.F. at \$2.00 per L.F.
19	6 Inch < Existing Sewer/Drain Replacement, decreased 200 L.F. at \$20.00 per L.F.
20	8-12 Inch Existing Sewer/Drain Replacement, deleted 75 L.F. at \$24.00 per L.F.
21	15-21 Inch Existing Sewer/Drain Replacement, decreased 38.5 L.F. at \$30.00 per L.F.
22	24 Inch > Existing Sewer/Drain Replacement, deleted 25 L.F. at \$40.00 per L.F.
24	15" Pipe Sewer by Pipe Bursting, decreased 18 L.F. at \$95.00 per L.F.
27	Television Inspection of Sewers, increased 26 L.F. at \$2.00 per L.F.
Changes to Original Contract	
2A	ODOT Item 601.07 (Type C), added 30 C.Y. at \$120.00 per C.Y.
7A	Rehabilitate Existing Manholes, added 64.75 L.F. at \$200.00 per L.F.
8A	Stainless Steel Manhole Insert, added 1 EA. at \$200.00 EA.
29	8" Pipe Concrete Encasement, added 1 LS. at \$2,475.00 LS.
30	10" Pipe Concrete Encasement, added 1 LS. at \$4,675.00 LS.
CO-1	Excavate & Remove Concrete Encasement, added 1 LS. at \$884.60 LS.
CO-2	Remove 10" & Replace w/ 8" MH Casting, added 1 LS. at \$392.40 LS.
CO-3	Unmarked Utilities on Bell Property, added 1 LS. at \$1,059.27 LS.
CO-4	Place CDF & Remove Waste from Leonard's, , added 1 LS. at \$1,336.92 LS.
CO-5	Place CDF & Remove Waste from Bel's, added 1 LS. at \$1,456.80 LS.
CO-6	Replace Gravel, Chips on drive at Bel's, added 1 LS. at \$1,837.70 LS.
CO-7	Additional Restoration at Bel's, added 1 LS. at \$1,330.19 LS.
CO-8	Install Additional MH Castings, added 1 LS. at \$468.03 LS.
CO-9	Additional Cost incurred looking for Point Repair, added 1 LS. at \$2,661.72 LS.
Additional Scope - 755 LF of Pipe Bursting	
19A	6 Inch < Existing Sewer/Drain Replacement, added 45 L.F. at \$40.00 per L.F.
23A	10" Pipe Sewer by Pipe Bursting, added 750 L.F. at \$62.85 per L.F.
26A	Reconnect Existing Service Connections, added 4 EA. at \$700.00 EA.
27A	Television Inspection of Sewers, added 750 L.F. at \$2.00 per L.F.
CO-10	Removal of Concrete Encasement, added 1 LS. at \$7,308.43 LS.
CO-11	Removal of existing Sag in Main, added 1 LS. at \$2,067.89 LS.
CO-12	Removal of existing Sag in Main, added 1 LS. at \$1,209.61 LS.

Bid Item #:	Reason for Changes in Quantities:	Document Attached:
Original Contract		
1	Increase in quantity reflects actual quantity installed and measured in the field.	None
2	Increase in quantity reflects actual quantity installed and measured in the field.	None
3	During the Pre-construction Meeting Larry Smith Contractor's proposed to install a stainless steel manhole insert in (MH #8) this eliminated the need for pavement restoration around the new manhole. See Letter Dated May 31, 2001.	5/31/01
4	During the Pre-construction Meeting Larry Smith Contractor's proposed to install a stainless steel manhole insert in (MH #8) this eliminated the need for pavement restoration around the new manhole. See Letter Dated May 31, 2001.	5/31/01
5	During the Pre-construction Meeting Larry Smith Contractor's proposed to install a stainless steel manhole insert in (MH #8) this eliminated the need for pavement restoration around the new manhole. See Letter Dated May 31, 2001.	5/31/01
6	During the Pre-construction Meeting Larry Smith Contractor's proposed to install a stainless steel manhole insert in (MH #8) this eliminated the need for pavement restoration around the new manhole. See Letter Dated May 31, 2001.	5/31/01
7	During the Pre-construction Meeting Larry Smith Contractor's proposed to rehab four manholes (MH #8, MH #7, MH #5, MH #4) See Letter Dated May 31, 2001.	5/31/01
10	Increase in quantity reflects actual length of pipe installed and measured in the field.	None
16	Decrease in quantity reflects actual length of pipe installed and measured in the field.	None
17	Decrease in quantity reflects actual number of services reconnected. One service connection shown on the plans as being reconnected was none performed because it was a bulk head not a service lateral.	None
18	Decrease in quantity reflects actual length of pipe video under the Pipe Sewers Section.	None
19	Decrease in quantity reflects actual length of existing pipe installed and measured in the field.	None
20	Decrease in quantity reflects actual length of existing pipe installed and measured in the field.	None
21	Decrease in quantity reflects actual length of existing pipe installed and measured in the field.	None
22	Decrease in quantity reflects actual length of existing pipe installed and measured in the field.	None
24	Decrease in quantity reflects actual length of pipe installed and measured in the field. Pipe between MH #6A and MH #6 was installed by open cut methods.	None
27	Increase in quantity reflects actual length of pipe video under the Pipe Bursting Section.	None
Changes to Original Contract		

2A	Contract drawings did not include this pay item at any creek crossings. Because of the velocity and quantity of water flowing at this section of the creek, the City requested Larry Smith to use (Type C) Rip Rap as opposed to (Type D).	None
7A	During the Pre-construction Meeting Larry Smith Contractor's proposed to rehab four manholes (MH #8, MH #7, MH #5, MH #4.) See letter dated May 31, 2001. Also, MH #1204 and MH #1271 were rehabilitated.	5/31/01
8A	During the Pre-construction Meeting Larry Smith Contractor's proposed to install a stainless steel manhole insert in (MH #8) this would eliminate the need for pavement restoration around the new manhole. See Letter dated May 31, 2001.	5/31/01
29	Contract drawings did not include concrete encasement at any creek crossings. The City requested a cost estimate for installing concrete encasement at the crossing the creek by MH# 4. See Memorandum dated August 20, 2001.	8/20/01
30	Contract drawings did not include concrete encasement at any creek crossings. The City requested a cost estimate for installing concrete encasement at the crossing the creek by MH# 1279. See Memorandum dated September 5, 2001.	9/5/01
CO-1	On July 27, 2001 Larry Smith Contractors hit an existing concrete encasement at the crossing the creek by MH# 6A. See Change Order No. CO-1 for time and material costs.	CO-1
CO-2	Replaced 1049 MH Casting with a 1045 MH Casting due to elevation conflicts with the existing ground. See Change Order No. CO-2 for time and material costs.	CO-2
CO-3	Contractor hit existing utilities (water) that were not marked by the City. See Change Order No. CO-3 for time and material costs.	CO-3
CO-4	Due to the excessive work and area disturbed by the installation of MH #2A, MH #2 and removal of the existing MH # 1230-A. The City authorized this item prior to installation. See Change Order No. CO-4 for time and material costs.	CO-4
CO-5	The existing elevations shown on the plan set of Contract drawings were not correct. Therefore, field modifications had to be made to correct the plan error. The City authorized this item prior to installation. See Change Order No. CO-5 for time and material costs.	CO-5
CO-6	The existing elevations shown on the plan set of Contract drawings were not correct. Therefore, field modifications had to be made to correct the plan error. The City authorized this item prior to installation. See Change Order No. CO-6 for time and material costs.	CO-6
CO-7	The existing elevations shown on the plan set of Contract drawings were not correct. Therefore, field modifications had to be made to correct the plan error. The City authorized this item prior to installation. See Change Order No. CO-7 for time and material costs.	CO-7
CO-8	Contract drawings did not include replacement of the existing casting at MH # , MH # and MH # . The City decided to replace these casting with Water Tight Frames & Covers. See Change Order No. CO-8 for time and material costs.	CO-8
CO-9	Contract drawings included a point repair in the sanitary sewer between MH #1281-D to MH #1281-C. The Contractor spent extensive time to locate and video this repair location and found that it does not actually exist in this section of pipe. See Change Order No. CO-9 for time and material costs.	CO-9
Additional Scope - 755 LF of Pipe Bursting		
19A	Contract drawings did not include replacement of the sanitary sewer between MH #1281-E to MH #1281-C. The City requested a cost estimate for replacing this sanitary sewer. See Memorandum dated September 18, 2001.	9/18/01
23A	Contract drawings did not include replacement of the sanitary sewer between MH #1281-E to MH #1281-C. The City requested a cost estimate for replacing this sanitary sewer. See Memorandum dated September 18, 2001.	9/18/01
26A	Contract drawings did not include replacement of the sanitary sewer between MH #1281-E to MH #1281-C. The City requested a cost estimate for replacing this sanitary sewer. See Memorandum dated September 18, 2001.	9/18/01
27A	Additional Costs associated with Memorandum dated September 18, 2001.	9/18/01
CO-10	On October 4, 2001 Larry Smith Contractors hit an existing concrete encasement approximately 52' long, 4' wide and approx. (+/- 8') deep crossing the creek. See Change Order No. CO-10 for time and material costs.	CO-10
CO-11	Removal of existing Sag in the Sanitary Sewer Main due to pre-existing condition of the original pipe. See Change Order No. CO-11 for time and material costs.	CO-11
CO-12	Removal of existing Sag in the Sanitary Sewer Main due to pre-existing condition of the original pipe. See Change Order No. CO-12 for time and material costs.	CO-12

Attachments: (List documents supporting change):
Calculation Sheet Summarizing Changes
Work Change Directives
Letters from Larry Smith Contractor's, Inc.
Memos from Larry Smith Contractor's, Inc.

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract Price	\$ 304,914.00	Original Contract Time:	45 days
Net Changes from Previous Change Orders	\$ -	Substantial Completion:	
Net Increase (Decrease) of this Change Order	\$ 81,645.06	Final Completion:	(indicate day or days)
Adjusted Contract Price with all approved Change Orders	\$ 386,559.06	Net changes from previous Change Orders	None
		Net Increase (Decrease) of this Change Order	
		Adjusted Contract Time with all approved Change Orders	
		Substantial Completion:	
		Final Completion:	

<p>RECOMMENDED BY:  City of Mason Utility Superintendent (Authorized Signature) 11/30/01 Date</p>	<p>ACCEPTED BY: Larry Smith Contractor's Inc.  Contractor (Authorized Signature) Date</p>	<p>APPROVED BY: City of Mason  Owner (Authorized Signature) 11/30/01 Date</p>
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