

VILLAGE OF DOWNERS GROVE
Report for the Village
3/5/2019

SUBJECT:	SUBMITTED BY:
Change Order for 2018 Conflict Manhole Replacement Contract	Nan Newlon Director of Public Works

SYNOPSIS

A motion is requested to authorize a change order to an existing contract with Performance Construction & Engineering, LLC of Plano, Illinois for the 2018 Conflict Manhole Replacements Project in the amount of \$37,918.04.

STRATEGIC PLAN ALIGNMENT

The goals for 2017-2019 include *Top Quality Infrastructure*.

FISCAL IMPACT

The amount of the proposed change order, \$37,918.04, would increase the existing contract with Performance Construction & Engineering, LLC from \$78,800.00 to \$116,718.04. There are sufficient funds in the Stormwater Fund (Page 4-29, Line 21) for this change order.

RECOMMENDATION

Approval on the March 5, 2019 Consent Agenda.

BACKGROUND

On October 2, 2018 the Village approved a contract with Performance Construction & Engineering, LLC, for the replacement of storm sewer structures in poor condition at two locations on Park Avenue south of Randall Street and the intersection of Burlington Avenue and Cumnor Road. At both locations there are utilities that were constructed in such a way as to interfere with the optimal operation of the storm sewers.

Construction began in late 2018 and improvements on Park Avenue were completed as planned. During excavation at Burlington and Cumnor, soils were found that are unsuitable to support the new storm sewer structure. The soils were tested by a geotechnical engineering firm and a design was prepared to provide structural support for the new storm sewer structure. This project will increase the capacity of the storm sewer system at this location as well as insure the structural integrity of the utilities at this location.

Staff recommends approval of this change order to the contract.

ATTACHMENTS

Change Order

VILLAGE OF DOWNERS GROVE
COUNCIL ACTION SUMMARY

INITIATED: Public Works DATE: March 5, 2019
(Name)

RECOMMENDATION FROM: _____ FILE REF: _____
(Board or Department)

NATURE OF ACTION:

- Ordinance
- Resolution
- Motion
- Other

STEPS NEEDED TO IMPLEMENT ACTION:

Motion to authorize a change order to Performance Construction & Engineering, LLC for the 2018 Conflict Manhole Replacement Project in the amount of \$37,918.04.



SUMMARY OF ITEM:

Adoption of this motion shall authorize a change order to Performance Construction & Engineering, LLC for the 2018 Conflict Manhole Replacement Project in the amount of \$37,918.04.

RECORD OF ACTION TAKEN:



Village of Downers Grove Change Order

Project Name: 2018 Conflict Manhole Replacements **Date:** 2/19/2019
Project No: SW-080-18B **No:** 1
Contractor: Performance Construction & Engineering, LLC PW30.01511

You are directed to make the following changes to this contract:

Change order includes anticipated final quantities and new pay items. New pay items for: additional exploratory digging under sanitary, build/adjust support for conflict manhole on unsuitable soils, build 24" caisson support for manhole on unsuitable soils. The contract completion date is being extended for spring 2019 completion.

The original contract sum was:.....	(1)	\$	78,800.00
Net amount of previous change orders:.....	(2)		\$0.00
Current contract amount (1) + (2):.....	(3)	\$	78,800.00
This Proposed Change Order:.....	(4)		\$37,918.04
Proposed Revised Contract Amount (3) + (4):.....	(5)	\$	116,718.04

Net of Change Orders Pending Approval (4):	\$	37,918.04
Budget Estimate:.....	\$	200,000.00
Original Completion Date:.....		11/9/2018
Time Extension or Reduction:.....		169 days
Total Contract Time (Pending Approval):.....		4/26/2019

RECOMMENDED FOR ACCEPTANCE:

APPROVED:

_____ 2/19/19
 Project Engineer Date

Village Manager Date
 Director of Public Works

_____ 2/19/19
 Contractor Date

It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance, and guarantees are hereby extended to incorporate this Change Order.

2018 Conflict Manhole Replacements

Date: 2/19/2019

SW-080-18B

No: 1

Spec No.		C.O. #1 Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Total Price
20200100	EARTH EXCAVATION	10.00	CY	0.00	10.00	\$50.00	\$0.00
21400100	GRADING AND SHAPING DITCHES	25.00	FOOT	0.00	25.00	\$50.00	\$0.00
35101800	AGGREGATE BASE COURSE, TYPE B 6"	38.80	SQ YD	0.00	38.80	\$25.00	\$0.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	0.15	TON	(0.15)	(0.00)	\$325.00	(\$48.96)
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	21.10	TON	0.00	21.10	\$325.00	\$0.00
40700100	BITUMINOUS MATERIALS (TACK COAT)	55.10	POUND	0.00	55.10	\$1.00	\$0.00
42001300	PROTECTIVE COAT	25.00	SQ YD	(25.00)	0.00	\$5.00	(\$125.00)
44000100	PAVEMENT REMOVAL	38.80	SQ YD	0.00	38.80	\$10.00	\$0.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	90.00	SQ YD	(4.40)	85.60	\$20.00	(\$88.00)
44000200	DRIVEWAY PAVEMENT REMOVAL	22.00	SQ YD	(22.00)	0.00	\$5.00	(\$110.00)
67100100	MOBILIZATION	1.00	LSUM	0.00	1.00	\$7,505.00	\$0.00
SP-4	PRECONSTRUCTION VIDEOTAPING	1.00	LSUM	0.00	1.00	\$1,500.00	\$0.00
SP-5	CONSTRUCTION STAKING AND RECORD DRAWINGS	1.00	LSUM	0.00	1.00	\$1,500.00	\$0.00
SP-6	TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS	1.00	LSUM	0.00	1.00	\$2,500.00	\$0.00
SP-7	PERIMETER EROSION BARRIER	100.00	FOOT	(25.00)	75.00	\$3.00	(\$75.00)
SP-7	INLET FILTERS	3.00	EACH	(2.00)	1.00	\$200.00	(\$400.00)
SP-8	STREET SWEEPING	4.00	HOUR	0.00	4.00	\$200.00	\$0.00
SP-9	STORM SEWER REMOVAL, 12"	45.00	FOOT	(17.00)	28.00	\$5.00	(\$85.00)
SP-9	STORM SEWER REMOVAL, 15"	10.00	FOOT	0.00	10.00	\$5.00	\$0.00
SP-10	DRAINAGE STRUCTURE TO BE REMOVED	3.00	EACH	0.00	3.00	\$500.00	\$0.00
SP-11	STORM SEWERS, PVC, SDR 26, 15"	10.00	FOOT	0.00	10.00	\$150.00	\$0.00
SP-11	STORM SEWERS, RCP, TYPE 1, CL III, 12"	50.00	FOOT	(12.00)	38.00	\$100.00	(\$1,200.00)
SP-12	INLET, 2' DIA., TYPE A, R-4342 GRATE	1.00	EACH	0.00	1.00	\$1,500.00	\$0.00
SP-12	MANHOLE, 5' DIA., TYPE A, TYPE 1 FRAME AND GRATE, CL	1.00	EACH	0.00	1.00	\$6,600.00	\$0.00
SP-13	CONFLICT CATCHBASIN, 4' DIA., TYPE A, TYPE 1 FRAME AND GRATE, CL	1.00	EACH	0.00	1.00	\$5,500.00	\$0.00
SP-13	CONFLICT CATCHBASIN, 6' DIA., TYPE A, TYPE 1 FRAME AND GRATE, CL	1.00	EACH	0.00	1.00	\$8,000.00	\$0.00
SP-14	CONNECT EXISTING STORM SEWER TO PROPOSED STRUCTURE, 12"	1.00	EACH	0.00	1.00	\$1,000.00	\$0.00
SP-14	CONNECT EXISTING STORM SEWER TO PROPOSED STRUCTURE, 15"	1.00	EACH	0.00	1.00	\$1,800.00	\$0.00
SP-14	CONNECT EXISTING STORM SEWER TO PROPOSED STRUCTURE, 30"	1.00	EACH	0.00	1.00	\$3,500.00	\$0.00
SP-15	STORM SEWER CONNECTION TO EXISTING STRUCTURE, 12"	2.00	EACH	(1.00)	1.00	\$1,200.00	(\$1,200.00)
SP-16	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	0.00	EACH	0.00	0.00	\$750.00	\$0.00
SP-17	TRENCH BACKFILL	40.00	CY	20.00	60.00	\$45.00	\$900.00
SP-18	EXPLORATORY TRENCH, SPECIAL	10.00	CY	(7.00)	3.00	\$75.00	(\$525.00)
SP-19	TEMPORARY SURFACE OVER TRENCH - (AGGREGATE)	38.80	SQ YD	0.00	38.80	\$25.00	\$0.00
SP-20	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, B6.12	20.00	FOOT	0.00	20.00	\$75.00	\$0.00
SP-21	PCC DRIVEWAY PAVEMENT, SPECIAL, 6"	20.00	SQ YD	(20.00)	0.00	\$100.00	(\$2,000.00)
SP-22	SOD RESTORATION	80.00	SQ YD	170.00	250.00	\$26.00	\$4,420.00
SP-23	ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE	4.00	LOAD	1.00	5.00	\$200.00	\$200.00
SP-24	TREE PROTECTION	150.00	FOOT	(150.00)	0.00	\$5.00	(\$750.00)
X1	BURLINGTON EXPLORATORY DIGGING UNDER SANITARY	1.00	LSUM	0.00	1.00	\$2,765.44	\$0.00
X2	CO #1 BUILD SUPPORT FOR CONFLICT MANHOLE ON UNSUITABLE SOILS	0.00	LSUM	1.00	1.00	\$14,087.00	\$14,087.00
X3	CO #2 BUILD 24" DIA CAISSON SUPPORT FOR MANHOLE ON UNSUITABLE SOILS	0.00	LSUM	1.00	1.00	\$24,918.00	\$24,918.00
TOTAL PRICE ADJUSTMENT:							\$37,918.04