

VILLAGE OF DOWNERS GROVE
Report for the Village
2/13/2018

SUBJECT:	SUBMITTED BY:
Change Order for West Burlington Drainage Improvements	Nan Newlon Director of Public Works

SYNOPSIS

A motion is requested to authorize a change order to an existing contract with A Lamp Concrete Contractors, Inc. of Schaumburg, Illinois for the West Burlington Drainage Improvement project in the amount of \$67,783.82 and to extend the contract completion date for an additional 19 days.

STRATEGIC PLAN ALIGNMENT

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

FISCAL IMPACT

The amount of the proposed change order, \$67,783.82, would increase the existing contract with A Lamp Concrete Contractors, Inc. from \$940,746.05 to \$1,008,529.87, a 7.2% increase to the contract. The FY18 Budget includes \$1,430,000 in the Stormwater Fund (Page 4-21, Line 21) for this change order.

RECOMMENDATION

Approval on the February 13, 2018 consent agenda.

BACKGROUND

The Village's 2014 Stormwater Project Analysis report identified drainage issues on both Chase and Francisco between Haddow and Burlington including structure flooding, substantial street flooding, erosion of the ditch system, significant flows onto private property, and flooding or standing water in yards or lawns. Both locations currently lack the stormwater infrastructure required to provide the suggested level of service to safely convey and store approximately 90% to 95% of all experienced rain events. This contract with A Lamp Concrete Contractors, Inc. included construction of the stormwater improvements on Chase and Francisco. The project was substantially completed in November 2017.

This change order includes final quantities and new pay items required to complete the project. During construction there was a significant increase in the following pay items as a result from unexpected field conditions and minor design changes: parkway restoration, asphalt for resurfacing, sidewalk removal and replacement for ADA compliance, pavement patching, culvert replacements, water service replacements, manholes, and driveway replacements. A large portion of these costs associated are related to water service replacements, which were in conflict with the proposed storm sewers and ditches. Although some conflicts between existing water services and proposed stormwater improvements were anticipated, the magnitude of the work was not realized until construction began. The following new pay items, which resulted from

unexpected field conditions, were required to complete the project: pipe material change for trenchless storm sewer installation; storm sewer connections, cleanout and new structures; storm sewer pipe material change for watermain crossing, and culvert pipe extensions for ditch grading.

Included in this change order is payment to A Lamp Concrete Contractors, Inc. for repairing a water service hit by Nicor sub-contractor NPL, while relocating a gas service line in conflict with the stormwater improvements. Staff is seeking reimbursement from NPL for the work performed by A Lamp Concrete Contractors, Inc. to fix this water service.

As a result of the increase in work the contract completion is also recommended to be extended by 19 days.

ATTACHMENTS

Change Order

VILLAGE OF DOWNERS GROVE
COUNCIL ACTION SUMMARY

INITIATED: Public Works DATE: February 13, 2018
(Name)

RECOMMENDATION FROM: _____ FILE REF: SW-080-16H, SW-080-16P
(Board or Department)

NATURE OF ACTION:

STEPS NEEDED TO IMPLEMENT ACTION:

- Ordinance
- Resolution
- Motion
- Other

Motion to authorize a change order to A Lamp Concrete Contractors, Inc. for the West Burlington Drainage Improvement Project contract in the amount of \$67,783.82 for unexpected field charges and to extend the contract completion date for an additional 19 days.



SUMMARY OF ITEM:

Adoption of this motion shall authorize a change order to A Lamp Concrete Contractors, Inc. for the West Burlington Drainage Improvement Project contract in the amount of \$67,783.82 for unexpected field charges and to extend the contract completion date for an additional 19 days.

RECORD OF ACTION TAKEN:

Project Name: West Burlington Drainage Improvements
Project No.: SW-080-16H, SW-080-16P

Date: 1/25/2018

No.: 1

Item No.	Description	Orig. Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Total Price
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	80.00	UNIT	(89.00)	21.00	\$ 20.50	(\$1,414.50)
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	140.00	UNIT	(66.50)	73.50	\$ 32.25	(\$2,144.63)
SP-11	TREE PROTECTION	400.00	FOOT	(343.20)	56.80	\$ 1.00	(\$343.20)
SP-12	TREE PRUNING	20.00	EACH	(20.00)	0.00	\$ 96.50	(\$1,930.00)
SP-13	TREE ROOT PRUNING	240.00	FOOT	(240.00)	0.00	\$ 5.00	(\$1,200.00)
SP-15	EARTH EXCAVATION, SPECIAL	1105.00	CU YD	0.00	1105.00	\$ 36.00	\$0.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	450.00	CU YD	(450.00)	0.00	\$ 15.00	(\$6,750.00)
20700220	POROUS GRANULAR EMBANKMENT	450.00	CU YD	(450.00)	0.00	\$ 15.00	(\$6,750.00)
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	1200.00	SQ YD	(1200.00)	0.00	\$ 1.00	(\$1,200.00)
SP-28	TRENCH BACKFILL	1850.00	CU YD	0.00	1850.00	\$ 28.00	\$0.00
SP-31	UNDERCUTTING FOR UTILITIES	200.00	CU YD	(200.00)	0.00	\$ 15.00	(\$3,000.00)
SP-10	PARKWAY RESTORATION, SALT TOLERANT, SPECIAL	4000.00	SQ YD	2026.20	6026.20	\$ 12.00	\$24,314.40
25200200	SUPPLEMENTAL WATERING	12.00	UNIT	(12.00)	0.00	\$ 10.00	(\$120.00)
28100107	STONE RIPRAP, CLASS A4	5.00	SQ YD	9.10	14.10	\$ 75.00	\$682.50
28200200	FILTER FABRIC	5.00	SQ YD	(2.00)	3.00	\$ 5.00	(\$10.00)
SP-18	TEMPORARY SURFACE OVER TRENCH - (AGGREGATE)	735.00	SQ YD	(456.60)	278.40	\$ 1.00	(\$456.60)
SP-19	AGGREGATE SHOULDER, TYPE B	20.00	SQ YD	144.60	164.60	\$ 10.00	\$1,646.00
35101800	AGGREGATE BASE COURSE, TYPE B 6"	1255.00	SQ YD	203.20	1458.20	\$ 7.00	\$1,422.40
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	1255.00	SQ YD	(46.60)	1208.40	\$ 26.00	(\$1,211.60)
40600625	LEVELING BINDER (MACHINE METHOD), N50	75.00	TON	133.49	208.49	\$ 94.00	\$12,548.06
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	60.00	SQ YD	1.60	61.60	\$ 8.00	\$12.80
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	325.00	TON	1.25	326.25	\$ 81.00	\$101.25
40700100	BITUMINOUS MATERIALS (TACK COAT)	1430.00	POUND	(143.85)	1286.15	\$ 0.01	(\$1.44)
40800025	BITUMINOUS MATERIALS (PRIME COAT)	2825.00	POUND	(2825.00)	0.00	\$ 0.01	(\$28.25)
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	1655.00	SQ YD	(554.60)	1100.40	\$ 3.50	(\$1,941.10)
SP-38	CONTROL LOW STENGTH MATERIAL	12.00	CU YD	(12.00)	0.00	\$ 150.00	(\$1,800.00)
SP-16	COMBINATION CURB AND GUTTER REMOVAL AND REPLACMENT	8.00	FOOT	7.40	15.40	\$ 50.00	\$370.00
SP-17	P.C.C GUTTER TYPE 1	1700.00	FOOT	8.00	1708.00	\$ 18.00	\$144.00
SP-17	P.C.C SHOULDER	725.00	FOOT	48.00	773.00	\$ 17.50	\$840.00
SP-23	P.C.C. SIDEWALK REMOVAL AND REPLACE	350.00	SQ FT	553.00	903.00	\$ 7.50	\$4,147.50
SP-23	P.C.C. SIDEWALK, 5 INCH, NEW	3150.00	SQ FT	13.20	3163.20	\$ 8.50	\$112.20
SP-22	DETECTABLE WARNINGS	70.00	FOOT	(20.00)	50.00	\$ 25.00	(\$500.00)
SP-14	TEMPORARY BITUMINOUS PATCH	50.00	TON	(50.00)	0.00	\$ 50.00	(\$2,500.00)
SP-32	PAVEMENT PATCHING	165.00	SQ YD	156.20	321.20	\$ 45.00	\$7,029.00
SP-32	PAVEMENT PATCHING, SPECIAL	515.00	SQ YD	228.60	743.60	\$ 45.00	\$10,287.00
SP-24	BACKFLOW PREVENTOR	1.00	EACH	0.00	1.00	\$ 2,500.00	\$0.00
54213447	END SECTIONS 12"	2.00	EACH	0.00	2.00	\$ 1,000.00	\$0.00
54213450	END SECTIONS 15"	6.00	EACH	(2.00)	4.00	\$ 1,200.00	(\$2,400.00)
54213453	END SECTIONS 18"	14.00	EACH	0.00	14.00	\$ 1,400.00	\$0.00
54213459	END SECTIONS 24"	1.00	EACH	0.00	1.00	\$ 2,100.00	\$0.00
54205053	PIPE CULVERTS, 18"	204.00	FOOT	(2.00)	202.00	\$ 71.00	(\$142.00)
SP-37	REMOVE AND REPLACE CULVERT	5.00	EACH	1.00	6.00	\$ 3,300.00	\$3,300.00
SP-27	STORM SEWER REMOVAL 12"	115.00	FOOT	(4.40)	110.60	\$ 1.00	(\$4.40)
SP-27	STORM SEWER REMOVAL 15"	475.00	FOOT	120.00	595.00	\$ 1.00	\$120.00
SP-27	STORM SEWER REMOVAL 18"	50.00	FOOT	0.00	50.00	\$ 1.00	\$0.00
SP-25	STORM SEWERS, 6", PVC	3.00	FOOT	1.00	4.00	\$ 45.00	\$45.00
SP-25	STORM SEWERS, 10" PVC/HDPE	450.00	FOOT	0.00	450.00	\$ 45.50	\$0.00
SP-25	STORM SEWERS, 12", PVC	4.00	FOOT	2.00	6.00	\$ 65.00	\$130.00
SP-25	STORM SEWERS, TYPE 1, 12", RCP	114.00	FOOT	3.10	117.10	\$ 65.00	\$201.50
SP-25	STORM SEWERS, TYPE 2, 12", RCP	11.00	FOOT	17.30	28.30	\$ 70.00	\$1,211.00
SP-25	STORM SEWERS, TYPE 1, 18", RCP	165.00	FOOT	(122.00)	43.00	\$ 75.00	(\$9,150.00)
SP-25	STORM SEWERS, TYPE 1, 18", RCP	193.00	FOOT	129.70	322.70	\$ 7.00	\$9,986.90
SP-25	STORM SEWERS, TYPE 2, 24", RCP	1103.00	FOOT	(49.90)	1053.10	\$ 100.00	(\$4,990.00)
SP-25	STORM SEWERS, TYPE 4, 24", RCP	209.00	FOOT	3.10	212.10	\$ 176.00	\$545.60
SP-25	STORM SEWERS, TYPE 1, 36", RCP	26.00	FOOT	0.50	26.50	\$ 117.00	\$58.50
SP-25	STORM SEWERS, TYPE 2, 36", RCP	51.00	FOOT	2.50	53.50	\$ 120.00	\$300.00
SP-44	CONNECT EXISTING STORM SEWER TO PROPOSED DRAINAGE STU	3.00	EACH	0.00	3.00	\$ 1,000.00	\$0.00
SP-42	SANITARY SERVICE RECONNECTION	10.00	EACH	(6.00)	4.00	\$ 450.00	(\$2,700.00)
SP-47	ADJUSTING SANITARY SERVICE LINES	5.00	EACH	(3.00)	2.00	\$ 900.00	(\$2,700.00)
SP-46	WATER SERVICE REPLACEMENT	5.00	EACH	8.00	13.00	\$ 2,300.00	\$18,400.00
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	7.00	EACH	(7.00)	0.00	\$ 250.00	(\$1,750.00)
SP-45	CONCRETE SUPPORT FOR UTILITY CROSSING	5.00	EACH	(1.00)	4.00	\$ 600.00	(\$600.00)
SP-26	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	3.00	EACH	0.00	3.00	\$ 2,850.00	\$0.00
SP-26	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	4.00	EACH	0.00	4.00	\$ 3,000.00	\$0.00
SP-26	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	1.00	EACH	0.00	1.00	\$ 6,500.00	\$0.00
SP-26	CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	1.00	EACH	0.00	1.00	\$ 7,000.00	\$0.00
SP-26	CATCH BASINS, TYPE C, TYPE 8 GRATE	2.00	EACH	0.00	2.00	\$ 1,500.00	\$0.00
SP-26	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	5.00	EACH	0.00	5.00	\$ 1,500.00	\$0.00
SP-26	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	9.00	EACH	1.00	10.00	\$ 3,850.00	\$3,850.00
SP-26	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1.00	EACH	0.00	1.00	\$ 6,000.00	\$0.00
SP-29	MANHOLE TO BE ADJUSTED	3.00	EACH	0.00	3.00	\$ 325.00	\$0.00
SP-29	MANHOLE TO BE ADJUSTED, SPECIAL	2.00	EACH	(1.00)	1.00	\$ 500.00	(\$500.00)
SP-43	CONFLICT MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 F&G, CL	1.00	EACH	(1.00)	0.00	\$ 6,500.00	(\$6,500.00)
60500050	REMOVING CATCH BASINS	5.00	EACH	0.00	5.00	\$ 400.00	\$0.00
SP-33	INLET PROTECTOR	15.00	EACH	(13.00)	2.00	\$ 15.00	(\$195.00)
SP-33	INLET PROTECTOR CLEANING	15.00	EACH	(15.00)	0.00	\$ 5.00	(\$75.00)
SP-20	HMA DRIVEWAY REMOVAL, 3"	1080.00	SQ YD	(130.00)	950.00	\$ 5.00	(\$650.00)
SP-21	PCC DRIVEWAY REMOVAL, 6"	35.00	SQ YD	156.40	191.40	\$ 10.00	\$1,564.00
SP-20	HMA DRIVEWAY, 3"	930.00	SQ YD	(90.00)	840.00	\$ 30.00	(\$2,700.00)
SP-21	PCC DRIVEWAY, 6"	25.00	SQ YD	166.40	191.40	\$ 60.00	\$9,984.00
SP-39	RE-GRADE DITCH LINE	450.00	FOOT	149.30	599.30	\$ 10.00	\$1,493.00
SP-30	ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WA	25.00	LOAD	(25.00)	0.00	\$ 100.00	(\$2,500.00)
SP-8	STREET SWEEPING AND DUST CONTROL	40.00	HOURL	(20.00)	20.00	\$ 50.00	(\$1,000.00)
67100100	MOBILIZATION	1.00	L SUM	0.00	1.00	\$ 36,000.00	\$0.00
SP-41	CLEARING	1.00	L SUM	0.00	1.00	\$ 2,200.00	\$0.00
SP-40	EXPLORATORY TRENCH, SPECIAL	25.00	CU YD	160.67	185.67	\$ 15.00	\$2,410.05
SP-6	PRECONSTRUCTION VIDEO TAPING	1.00	L SUM	0.00	1.00	\$ 1,000.00	\$0.00
SP-4	CONSTRUCTION STAKING AND RECORD DRAWINGS	1.00	L SUM	0.00	1.00	\$ 12,000.00	\$0.00
SP-7	TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS	1.00	L SUM	0.00	1.00	\$ 20,000.00	\$0.00
35300100	PORTLAND CEMENT CONCRETE BASE COURSE, 6"	50.00	SQ YD	34.00	84.00	\$ 60.00	\$2,040.00
SP-26	MH-104 - MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSE	1.00	EACH	0.00	1.00	\$ 10,200.00	\$0.00
SP-36	TRENCHLESS SEWER INSTALLATION, 12", HDPE	165.00	FOOT	(165.00)	0.00	\$ 242.00	(\$39,930.00)
SP-34	REMOVE AND RE-SPREAD PEA GRAVEL	5.00	SQ YD	5.80	10.80	\$ 10.00	\$58.00
SP-35	WOOD FENCE TO BE REMOVED AND RE-ERECTED	50.00	FOOT	(41.50)	8.50	\$ 50.00	(\$2,075.00)
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	21.00	UNIT	(21.00)	0.00	\$ 37.50	(\$787.50)
SP-11	TREE PROTECTION	100.00	FOOT	(100.00)	0.00	\$ 1.00	(\$100.00)
SP-13	TREE ROOT PRUNING	50.00	FOOT	(50.00)	0.00	\$ 7.00	(\$350.00)
SP-10	PARKWAY RESTORATION, SALT TOLERANT, SPECIAL	200.00	SQ YD	(200.00)	0.00	\$ 12.00	(\$2,400.00)
SP-25	STORM SEWERS, TYPE 1, 12", RCP	17.00	FOOT	0.00	17.00	\$ 70.00	\$0.00
SP-26	CATCH BASINS, TYPE C, TYPE 8 GRATE	2.00	EACH	0.00	2.00	\$ 1,500.00	\$0.00
SP-33	INLET PROTECTOR	2.00	EACH	(2.00)	0.00	\$ 15.00	(\$30.00)
SP-33	INLET PROTECTOR CLEANING	2.00	EACH	(1.00)	1.00	\$ 5.00	(\$5.00)
C01	TRENCHLESS SEWER INSTALLATION, 12", CERTA-LOK	0.00	FOOT	165.00	165.00	\$ 200.00	\$33,000.00
C02	STORM SEWER CONNECTION, 15"	0.00	EACH	1.00	1.00	\$ 1,500.00	\$1,500.00
C03	INLET, TY A, TYPE 8 GRATE	0.00	EACH	1.00	1.00	\$ 2,000.00	\$2,000.00
C04	SS TY 2, 24", PVC SDR 26	0.00	FOOT	56.00	56.00	\$ 190.00	\$10,640.00
C05	10" PVC CLEANOUT ON 10' MAIN	0.00	EACH	1.00	1.00	\$ 1,390.00	\$1,390.00
C06	CB 2' DIA., TYPE C, TY 8 GRATE	0.00	EACH	1.00	1.00	\$ 2,500.00	\$2,500.00
C07	RELOCATE TY C CATCH BASIN AND MATERIAL CHANGE	0.00	L SUM	1.00	1.00	\$ 2,938.34	\$2,938.34
C08	PIPE CULVERT EXTENSIONS ON CHASE	0.00	L SUM	1.00	1.00	\$ 3,436.27	\$3,436.27
C09	DAMAGED WATER SERVICE WORK (NPL)	0.00	L SUM	1.00	1.00	\$ 8,759.76	\$8,759.76

ORIGINAL CONTRACT ITEMS

TOTAL PRICE ADJUSTMENT: \$67,783.82