

Project Name: 2019 Miscellaneous Sanitary & Storm Sewer Improvement

Project Number: 2019-09

Bid Date: May 22, 2019

Time: 10:00 A.M.

Fund: Storm Water & Sewer Fun

Organization Code: 78487806, 79487906

Object Code: 489040, 489030

Engineer's Estimate

City Engineering Division

Entler Excavating Co., Inc.

819 N Sunnyside Rd
Decatur, IL 62522

PH: (217) 428-1865

FAX: (217) 428-1895

Stuart Entler, Pres.

karenentlerex@gmail.com

Item Number	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total
20800150	TRENCH BACKFILL	750	CU YD	\$43.00	\$32,250.00	\$45.00	\$33,750.00
21400100	GRADING & SHAPING DITCHES	100	FOOT	\$10.00	\$1,000.00	\$5.00	\$500.00
25000100	SEEDING, CLASS 1	4,840	SQ YD	\$1.60	\$7,744.00	\$1.50	\$7,260.00
25100105	MULCH, METHOD 1	4,840	SQ YD	\$1.10	\$5,324.00	\$1.00	\$4,840.00
25100630	EROSION CONTROL BLANKET	30	SQ YD	\$8.00	\$240.00	\$5.00	\$150.00
25200100	SODDING	30	SQ YD	\$35.00	\$1,050.00	\$30.00	\$900.00
28000510	INLET PROTECTION	5	EACH	\$75.00	\$375.00	\$1.00	\$5.00
28000900	FENCH (EROSION CONTROL)	75	FOOT	\$9.00	\$675.00	\$5.00	\$375.00
40800010	BITUMINOUS MATERIALS (PRIME COAT)	50	GAL	\$15.50	\$775.00	\$15.00	\$750.00
40800040	INCIDENTAL BITUMINOUS SURFACING	45	TON	\$450.00	\$20,250.00	\$400.00	\$18,000.00
42000100	PORTLAND CEMENT CONCRETE PAVEMENT, 6 INCH	175	SQ YD	\$100.00	\$17,500.00	\$100.00	\$17,500.00
42000101	ADDITIONAL DEPTH OF PAVEMENT PER 1 INCH GREATER THAN 6 INCH	400	SQ YD	\$18.00	\$7,200.00	\$20.00	\$8,000.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	50	SQ YD	\$100.00	\$5,000.00	\$100.00	\$5,000.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	200	SQ FT	\$25.00	\$5,000.00	\$22.00	\$4,400.00
44000100	PAVEMENT REMOVAL	350	SQ YD	\$22.00	\$7,700.00	\$20.00	\$7,000.00
44000200	DRIVEWAY PAVEMENT REMOVAL	50	SQ YD	\$22.00	\$1,100.00	\$20.00	\$1,000.00
44000600	SIDEWALK REMOVAL	200	SQ FT	\$10.00	\$2,000.00	\$5.00	\$1,000.00
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	75	FOOT	\$115.00	\$8,625.00	\$110.00	\$8,250.00
44213200	SAW CUTS	1,000	FOOT	\$8.00	\$8,000.00	\$5.00	\$5,000.00
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12 INCH	25	FOOT	\$200.00	\$5,000.00	\$110.00	\$2,750.00
550A0360	STORM SEWERS, CLASS A, TYPE 2, 15 INCH	25	FOOT	\$210.00	\$5,250.00	\$130.00	\$3,250.00
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18 INCH	25	FOOT	\$225.00	\$5,625.00	\$155.00	\$3,875.00
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24 INCH	25	FOOT	\$250.00	\$6,250.00	\$165.00	\$4,125.00
550A0450	STORM SEWERS, CLASS A, TYPE 2, 36 INCH	25	FOOT	\$275.00	\$6,875.00	\$230.00	\$5,750.00
59300100	CONTROLLED LOW-STRENGTH MATERIAL	80	CU YD	\$125.00	\$10,000.00	\$110.00	\$8,800.00
60228110	MANHOLES, SANITARY, 4 FT-DIAMETER, TYPE 1 FRAME, CLOSED LID	8	EACH	\$4,750.00	\$38,000.00	\$5,000.00	\$40,000.00
60228120	MANHOLES, SANITARY, 5 FT-DIAMETER, TYPE 1 FRAME, CLOSED LID	4	EACH	\$5,400.00	\$21,600.00	\$5,500.00	\$22,000.00
60228111	ADDITIONAL DEPTH OF MANHOLE 4 FT-DIAMETER	10	FOOT	\$570.00	\$5,700.00	\$600.00	\$6,000.00
60228112	ADDITIONAL DEPTH OF MANHOLE 5 FT-DIAMETER	3	FOOT	\$620.00	\$1,860.00	\$700.00	\$2,100.00
60240220	INLETS, TYPE A, TYPE 1 FRAME AND GRATE	2	EACH	\$2,500.00	\$5,000.00	\$2,400.00	\$4,800.00
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	2	EACH	\$2,775.00	\$5,550.00	\$2,700.00	\$5,400.00
60238700	INLETS, TYPE B, TYPE 1 FRAME AND GRATE	2	EACH	\$2,775.00	\$5,550.00	\$2,800.00	\$5,600.00
60240220	INLETS, TYPE B, TYPE 3, FRAME AND GRATE	2	EACH	\$2,900.00	\$5,800.00	\$3,000.00	\$6,000.00
60255800	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	5	EACH	\$2,775.00	\$13,875.00	\$3,000.00	\$15,000.00
60255801	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID, IN PAVEMENT	5	EACH	\$5,100.00	\$25,500.00	\$5,000.00	\$25,000.00
67100100	MOBILIZATION	25	EACH	\$2,100.00	\$52,500.00	\$1,500.00	\$37,500.00
70102620	TRAFFIC CONTROL AND PROTECTION, M STANDARD 701501	15	EACH	\$1,100.00	\$16,500.00	\$1,000.00	\$15,000.00
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	8	EACH	\$2,500.00	\$20,000.00	\$2,250.00	\$18,000.00
Z0001000	SUSPENSION OF WORK	25	HOUR	\$675.00	\$16,875.00	\$500.00	\$12,500.00
Z0018900	DOWEL BARS	100	EACH	\$17.00	\$1,700.00	\$15.00	\$1,500.00
Z0059500	SEWER, TYPE 2 & 3, 6 INCH	40	FOOT	\$65.00	\$2,600.00	\$65.00	\$2,600.00
Z0059600	SEWER, TYPE 2 & 3, 8 INCH	100	FOOT	\$75.00	\$7,500.00	\$110.00	\$11,000.00
Z0059700	SEWER, TYPE 2 & 3, 10 INCH	100	FOOT	\$85.00	\$8,500.00	\$120.00	\$12,000.00
Z0059800	SEWER, TYPE 2 & 3, 12 INCH	65	FOOT	\$115.00	\$7,475.00	\$130.00	\$8,450.00
Z0059900	SEWER, TYPE 2 & 3, 15 INCH	25	FOOT	\$130.00	\$3,250.00	\$150.00	\$3,750.00
Z0059925	SEWER, TYPE 2 & 3, 18 INCH	20	FOOT	\$160.00	\$3,200.00	\$170.00	\$3,400.00

Project Name: 2019 Miscellaneous Sanitary & Storm Sewer Improvement

Project Number: 2019-09

Bid Date: May 22, 2019

Time: 10:00 A.M.

Fund: Storm Water & Sewer Fun

Organization Code: 78487806, 79487906

Object Code: 489040, 489030

Engineer's Estimate

City Engineering Division

Entler Excavating Co., Inc.


819 N Sunnyside Rd
Decatur, IL 62522

PH: (217) 428-1865
FAX: (217) 428-1895

Stuart Entler, Pres.

karenentlerex@gmail.com

Item Number	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total
Z0059950	SEWER, TYPE 2 & 3, 24 INCH	20	FOOT	\$170.00	\$3,400.00	\$195.00	\$3,900.00
Z0009000	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS, AND EXTRA WORK	1	EACH	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
Z0064600	SELECTIVE CLEARING	0.2	ACRE	\$5,750.00	\$1,150.00	\$5,000.00	\$1,000.00
XX000541	EXPLORATORY EXCAVATION	15	EACH	\$1,050.00	\$15,750.00	\$1,000.00	\$15,000.00
XX003424	CONNECT TO EXISTING STRUCTURE	15	EACH	\$1,600.00	\$24,000.00	\$1,000.00	\$15,000.00
XX005486	CONNECT TO EXISTING PIPE (6-12 INCH)	8	EACH	\$525.00	\$4,200.00	\$500.00	\$4,000.00
XX005487	CONNECT TO EXISTING PIPE (15-24 INCH)	1	EACH	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
XX005488	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (6-10 INCH)	35	EACH	\$840.00	\$29,400.00	\$800.00	\$28,000.00
XX005489	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (12-15 INCH)	10	EACH	\$1,450.00	\$14,500.00	\$1,400.00	\$14,000.00
XX005490	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (8-24 INCH)	5	EACH	\$1,750.00	\$8,750.00	\$1,700.00	\$8,500.00
XX004209	SANITARY SERVICE CONNECTION	10	EACH	\$1,250.00	\$12,500.00	\$1,000.00	\$10,000.00
XX005719	FILLING EXISTING SANITARY SEWER <15 INCH	20	FOOT	\$45.00	\$900.00	\$35.00	\$700.00
Alternate Bid - West Karen Drive							
25000100	SEEDING, CLASS 1	700	SQ YD	\$1.60	\$1,120.00	\$3.50	\$2,450.00
25100105	MULCH, METHOD 1	700	SQ YD	\$1.10	\$770.00	\$2.00	\$1,400.00
28000900	EROSION CONTROL FENCE	30	FOOT	\$9.00	\$270.00	\$15.00	\$450.00
60228110	MANHOLE, SANITARY, 4 FT-DIA. TYPE 1 FRAME, CLOSED LID	1	EACH	\$4,750.00	\$4,750.00	\$5,000.00	\$5,000.00
67100100	MOBILIZATION	1	LSUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	1	LSUM	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
X0327371	PLUG EXISTING PIPE	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00
X0840000	SANITARY SEWER REMOVAL, 8 INCH	170	FOOT	\$10.00	\$1,700.00	\$20.00	\$3,400.00
X1200073	MANHOLE REMOVAL	1	EACH	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
XX003424	CONNECT TO EXISTING STRUCTURE	2	EACH	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00
XX005488	CONNECT TO EXISTING PIPE W/STAINLESS STEEL SHEAR RING, 8 INCH	1	EACH	\$840.00	\$840.00	\$800.00	\$800.00
XXXX0001	6 FT DIAMETER MANHOLE LID SPL.	1	EACH	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
XXXX0002	BY-PASS PUMPING	1	LSUM	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
Z0009000	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS, AND EXTRA WORK	1	EACH	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
Z0059600	SEWER, TYPE 2, 8 INCH	170	FOOT	\$75.00	\$12,750.00	\$100.00	\$17,000.00
	TOTAL BASE BID (AS CORRECTED)				\$594,993.00		\$550,930.00
	Percent Over Under ENGINEER'S ESTIMATE						-7.41%
	TOTAL ALTERNATE BID (AS CORRECTED)				\$41,900.00		\$50,500.00
	Percent Over Under ENGINEER'S ESTIMATE						20.53%
	TOTAL BASE + ALTERNATE BID (AS CORRECTED)				\$636,893.00		\$601,430.00
	Percent Over Under ENGINEER'S ESTIMATE						-5.57%


Paul E. Caswell, P.E., City Engineer

5/22/19
Date