

Project Name: 2021 Misc. Sanitary & Storm Sewer Improvement Project
 Project Number: 2021-09
 Bid Date: 5/5/2021
 Time: 10:00 a.m.
 Fund: Sanitary Sewer, Storm Water
 Organization Code: 79487906, 78487806
 Object Code: 489030, 489040

Engineer's Estimate City Engineering Division	Entler Excavating 819 N Sunnyside Road Decatur, IL 62522	A&R Mechanical Services 711 Kettering Park Drive Urbana, IL 61801
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Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	
Z0059950	SEWER, TYPE 2 & 3, 24 INCH	20	FOOT	\$225.00	\$4,500.00	\$245.00	\$4,900.00	\$190.28	\$3,805.60	
Z0009000	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS, AND EXTRA WORK	1	EACH	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	
Z0064600	SELECTIVE CLEARING	0.2	ACRE	\$5,500.00	\$1,100.00	\$5,000.00	\$1,000.00	\$5,000.00	\$1,000.00	
XX000541	EXPLORATORY EXCAVATION	13	EACH	\$1,050.00	\$13,650.00	\$1,000.00	\$13,000.00	\$1,250.00	\$16,250.00	
XX003424	CONNECT TO EXISTING STRUCTURE	15	EACH	\$1,500.00	\$22,500.00	\$1,000.00	\$15,000.00	\$1,900.00	\$28,500.00	
XX005486	CONNECT TO EXISTING PIPE (6-12 INCH)	8	EACH	\$525.00	\$4,200.00	\$500.00	\$4,000.00	\$700.00	\$5,600.00	
XX005487	CONNECT TO EXISTING PIPE (15-24 INCH)	1	EACH	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00	
XX005488	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (6-10 INCH)	32	EACH	\$900.00	\$28,800.00	\$800.00	\$25,600.00	\$1,350.00	\$43,200.00	
XX005489	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (12-15 INCH)	10	EACH	\$1,500.00	\$15,000.00	\$1,400.00	\$14,000.00	\$1,450.00	\$14,500.00	
XX005490	CONNECT TO EXISTING PIPE WITH STAINLESS STEEL SHEAR RINGS (8-24 INCH)	5	EACH	\$1,800.00	\$9,000.00	\$1,700.00	\$8,500.00	\$1,550.00	\$7,750.00	
XX004209	SANITARY SERVICE CONNECTION	10	EACH	\$1,250.00	\$12,500.00	\$1,000.00	\$10,000.00	\$1,200.00	\$12,000.00	
XX005719	FILLING EXISTING SANITARY SEWER <15 INCH	20	FOOT	\$45.00	\$900.00	\$35.00	\$700.00	\$15.96	\$319.20	
ALTERNATE A										
20800150	TRENCH BACKFILL	45	CU YD	\$45.00	\$2,025.00	\$45.00	\$2,025.00	\$77.36	\$3,481.20	
25000100	SEEDING, CLASS 1	195	SQ YD	\$2.50	\$487.50	\$6.50	\$1,267.50	\$102.56	\$19,999.20	
25100105	MULCH METHOD 1	195	SQ YD	\$2.50	\$487.50	\$6.50	\$1,267.50	\$0.51	\$99.45	
40800010	BITUMINOUS MATERIALS (PRIME COAT)	10	GAL	\$15.00	\$150.00	\$15.00	\$150.00	\$39.44	\$394.40	
40800010	INCIDENTAL BITUMINOUS SURFACING, 4 INCH	17	TON	\$450.00	\$7,650.00	\$500.00	\$8,500.00	\$470.96	\$8,006.32	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	60	SQ FT	\$30.00	\$1,800.00	\$30.00	\$1,800.00	\$19.47	\$1,168.20	
44000200	DRIVEWAY PAVEMENT REMOVAL	72	SQ YD	\$25.00	\$1,800.00	\$25.00	\$1,800.00	\$17.32	\$1,247.04	
44000600	SIDEWALK REMOVAL	60	SQ FT	\$10.00	\$600.00	\$10.00	\$600.00	\$4.00	\$240.00	
44213200	SAW CUTS	20	FOOT	\$5.00	\$100.00	\$5.00	\$100.00	\$5.35	\$107.00	
60225110	MANHOLES, SANITARY, 4 FT, TY 1, CLOSED LID	1	EACH	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$7,418.92	\$7,418.92	
60228111	ADDITIONAL DEPTH OF MANHOLE 4 FT DIAMETER	3	FOOT	\$600.00	\$1,800.00	\$600.00	\$1,800.00	\$215.90	\$647.70	
67100100	MOBILIZATION	1	EACH	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,563.12	\$3,563.12	
Z0059600	SEWER, TYPE 2 AND 3, 8"	173	FT	\$160.00	\$27,680.00	\$100.00	\$17,300.00	\$122.63	\$21,214.99	
XX003424	CONNECT TO EXISTING STRUCTURE	1	EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,150.23	\$2,150.23	
XX003425	CONNECT TO EXISTING STRUCTURE WITH INTERNAL DROP	1	EACH	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$1,731.97	\$1,731.97	
Z0009000	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	1	EACH	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
XX005719	FILLING EXISTING SANITARY SEWER <15 INCH	100	FEET	\$35.00	\$3,500.00	\$35.00	\$3,500.00	\$15.97	\$1,597.00	
XX000001	REMOVE AND REPLACE EXISTING PRIVACY FENCE	40	FEET	\$65.00	\$2,600.00	\$1,000.00	\$40,000.00	\$61.26	\$2,450.40	
TOTAL BASE BID (AS CORRECTED)					\$613,625.00		\$544,430.00		\$641,710.57	
Percent Over Under ENGINEER'S ESTIMATE							-11.28%		4.58%	
TOTAL ALTERNATE A BID (AS CORRECTED)					\$67,180.00		\$92,110.00		\$80,517.14	
Percent Over Under ENGINEER'S ESTIMATE							37.11%		19.85%	
TOTAL BIDS (AS CORRECTED)					\$680,805.00		\$636,540.00		\$722,227.71	
Percent Over Under ENGINEER'S ESTIMATE							-6.50%		6.08%	


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

5/10/2021
 Date

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20800150	TRENCH BACKFILL	700	CU YD	\$45.00	\$31,500.00	\$45.00	\$31,500.00	\$87.70	\$61,390.00
21400100	GRADING & SHAPING DITCHES	100	FOOT	\$10.00	\$1,000.00	\$5.00	\$500.00	\$25.86	\$2,586.00
25000100	SEEDING, CLASS 1	4,500	SQ YD	\$1.60	\$7,200.00	\$2.50	\$11,250.00	\$0.88	\$3,960.00
25100105	MULCH, METHOD 1	4,500	SQ YD	\$1.10	\$4,950.00	\$2.50	\$11,250.00	\$0.33	\$1,485.00
25100630	EROSION CONTROL BLANKET	30	SQ YD	\$8.00	\$240.00	\$5.00	\$150.00	\$13.47	\$404.10
25200100	SODDING	30	SQ YD	\$35.00	\$1,050.00	\$30.00	\$900.00	\$53.25	\$1,597.50
28000510	INLET PROTECTION	5	EACH	\$75.00	\$375.00	\$1.00	\$5.00	\$140.95	\$704.75
28000900	FENCE (EROSION CONTROL)	75	FOOT	\$9.00	\$675.00	\$5.00	\$375.00	\$4.40	\$330.00
40800010	BITUMINOUS MATERIALS (PRIME COAT)	50	GAL	\$15.50	\$775.00	\$15.00	\$750.00	\$18.11	\$905.50
40800040	INCIDENTAL BITUMINOUS SURFACING	45	TON	\$450.00	\$20,250.00	\$450.00	\$20,250.00	\$508.62	\$22,887.90
42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH	175	SQ YD	\$130.00	\$22,750.00	\$85.00	\$14,875.00	\$73.02	\$12,778.50
42000301	ADDITIONAL DEPTH OF PAVEMENT PER 1 INCH GREATER THAN 8 INCH	400	SQ YD	\$20.00	\$8,000.00	\$15.00	\$6,000.00	\$5.62	\$2,248.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	50	SQ YD	\$115.00	\$5,750.00	\$85.00	\$4,250.00	\$233.12	\$11,656.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	175	SQ FT	\$30.00	\$5,250.00	\$25.00	\$4,375.00	\$19.47	\$3,407.25
44000100	PAVEMENT REMOVAL	350	SQ YD	\$25.00	\$8,750.00	\$20.00	\$7,000.00	\$32.23	\$11,280.50
44000200	DRIVEWAY PAVEMENT REMOVAL	50	SQ YD	\$25.00	\$1,250.00	\$20.00	\$1,000.00	\$39.90	\$1,995.00
44000600	SIDEWALK REMOVAL	175	SQ FT	\$10.00	\$1,750.00	\$5.00	\$875.00	\$4.00	\$700.00
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	75	FOOT	\$125.00	\$9,375.00	\$105.00	\$7,875.00	\$50.00	\$3,750.00
44213200	SAW CUTS	850	FOOT	\$8.00	\$6,800.00	\$5.00	\$4,250.00	\$2.08	\$1,768.00
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12 INCH	25	FOOT	\$130.00	\$3,250.00	\$140.00	\$3,500.00	\$140.70	\$3,517.50
550A0360	STORM SEWERS, CLASS A, TYPE 2, 15 INCH	25	FOOT	\$150.00	\$3,750.00	\$160.00	\$4,000.00	\$148.54	\$3,713.50
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18 INCH	25	FOOT	\$180.00	\$4,500.00	\$185.00	\$4,625.00	\$175.34	\$4,383.50
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24 INCH	25	FOOT	\$200.00	\$5,000.00	\$195.00	\$4,875.00	\$190.28	\$4,757.00
550A0450	STORM SEWERS, CLASS A, TYPE 2, 36 INCH	25	FOOT	\$250.00	\$6,250.00	\$260.00	\$6,500.00	\$422.95	\$10,573.75
59300100	CONTROLLED LOW-STRENGTH MATERIAL	80	CU YD	\$125.00	\$10,000.00	\$110.00	\$8,800.00	\$79.80	\$6,384.00
60228110	MANHOLES, SANITARY, 4 FT-DIAMETER, TYPE 1 FRAME, CLOSED LID	8	EACH	\$5,250.00	\$42,000.00	\$4,500.00	\$36,000.00	\$6,840.00	\$54,720.00
60228120	MANHOLES, SANITARY, 5 FT-DIAMETER, TYPE 1 FRAME, CLOSED LID	4	EACH	\$5,775.00	\$23,100.00	\$5,500.00	\$22,000.00	\$8,030.00	\$32,120.00
60228111	ADDITIONAL DEPTH OF MANHOLE 4 FT-DIAMETER	10	FOOT	\$610.00	\$6,100.00	\$500.00	\$5,000.00	\$877.00	\$8,770.00
60228112	ADDITIONAL DEPTH OF MANHOLE 5 FT-DIAMETER	3	FOOT	\$720.00	\$2,160.00	\$600.00	\$1,800.00	\$952.00	\$2,856.00
60234200	INLETS, TYPE A, TYPE 1 FRAME AND GRATE	2	EACH	\$2,500.00	\$5,000.00	\$2,400.00	\$4,800.00	\$1,530.59	\$3,061.18
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	2	EACH	\$2,775.00	\$5,550.00	\$2,700.00	\$5,400.00	\$1,632.09	\$3,264.18
60238700	INLETS, TYPE B, TYPE 1 FRAME AND GRATE	2	EACH	\$2,850.00	\$5,700.00	\$2,800.00	\$5,600.00	\$1,898.85	\$3,797.70
60240220	INLETS, TYPE B, TYPE 3, FRAME AND GRATE	2	EACH	\$3,100.00	\$6,200.00	\$3,000.00	\$6,000.00	\$1,995.68	\$3,991.36
60255800	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	5	EACH	\$3,100.00	\$15,500.00	\$3,000.00	\$15,000.00	\$678.00	\$3,390.00
60255801	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID, IN PAVEMENT	5	EACH	\$5,500.00	\$27,500.00	\$4,000.00	\$20,000.00	\$1,303.18	\$6,515.90
67100100	MOBILIZATION	25	EACH	\$2,100.00	\$52,500.00	\$1,000.00	\$25,000.00	\$2,818.46	\$70,461.50
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	15	EACH	\$1,300.00	\$19,500.00	\$1,000.00	\$15,000.00	\$1,567.26	\$23,508.90
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	8	EACH	\$2,500.00	\$20,000.00	\$1,500.00	\$12,000.00	\$3,000.00	\$24,000.00
Z0001000	SUSPENSION OF WORK	25	hour	\$675.00	\$16,875.00	\$600.00	\$15,000.00	\$300.00	\$7,500.00
Z0018900	DOWEL BARS	100	EACH	\$17.00	\$1,700.00	\$30.00	\$3,000.00	\$10.00	\$1,000.00
Z0059500	SEWER, TYPE 2 & 3, 6 INCH	40	FOOT	\$70.00	\$2,800.00	\$115.00	\$4,600.00	\$90.00	\$3,600.00
Z0059600	SEWER, TYPE2 & 3, 8 INCH	90	FOOT	\$115.00	\$10,350.00	\$160.00	\$14,400.00	\$100.00	\$9,000.00
Z0059700	SEWER, TYPE 2 & 3, 10 INCH	90	FOOT	\$125.00	\$11,250.00	\$170.00	\$15,300.00	\$120.00	\$10,800.00
Z0059800	SEWER, TYPE 2 & 3, 12 INCH	65	FOOT	\$135.00	\$8,775.00	\$180.00	\$11,700.00	\$140.70	\$9,145.50
Z0059900	SEWER, TYPE 2 & 3, 15 INCH	25	FOOT	\$155.00	\$3,875.00	\$200.00	\$5,000.00	\$148.54	\$3,713.50
Z0059925	SEWER, TYPE 2 & 3, 18 INCH	20	FOOT	\$175.00	\$3,500.00	\$220.00	\$4,400.00	\$175.34	\$3,506.80