

201736063 E Yale Ave Storm Phase 1 project

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Item #	Notes	Units	Qty	Unit Cost	Item Cost	Travelers Casualty		Hartford Fire Insurance		Liberty Mutual		Hartford Fire Insurance		Fidelity and Deposit		Fidelity and Deposit				
2-1.1a	REMOVE COMBINATION CONCRETE CURB, GUTTER AND SIDEWALK (2'-8")	LF	950	\$10.50	\$9,975.00	25	23,750.00	9	8,550.00	10	9,500.00	7	6,650.00	8.5	8,075.00	6	5,700.00			
2-1.4	REMOVE HANDICAP CONCRETE CURB RAMP	SF	392	\$5.75	\$2,254.00	7	2,744.00	5	1,960.00	5	1,960.00	5	1,960.00	8	3,136.00	5	1,960.00			
2-2.1	REMOVE CONCRETE SIDEWALK	SF	374	\$3.31	\$1,236.07	5	1,870.00	5	1,870.00	5	1,870.00	3	1,122.00	10	3,740.00	3	1,122.00			
2-2.2	REMOVE CONCRETE DRIVEWAY PAVING	SF	1,590	\$4.75	\$7,552.50	4.5	7,155.00	4.5	7,155.00	5	7,950.00	5	7,950.00	5.5	8,745.00	4	6,360.00			
2-11.2e	REMOVE EXISTING 18" STORM SEWER PIPE	LF	11	\$70.00	\$770.00	47	517.00	119	1,309.00	120	1,320.00	22	242.00	120	1,320.00	25	275.00			
2-11.2g	REMOVE EXISTING 24" STORM SEWER PIPE	LF	26	\$70.00	\$1,820.00	93	2,418.00	154.5	4,017.00	120	3,120.00	20	520.00	51	1,326.00	30	780.00			
2-11.2i	REMOVE EXISTING 30" STORM SEWER PIPE	LF	58	\$70.00	\$4,060.00	65	3,770.00	106	6,148.00	120	6,960.00	20	1,160.00	40	2,320.00	40	2,320.00			
2-11.2k	REMOVE EXISTING 36" STORM SEWER PIPE	LF	338	\$40.00	\$13,520.00	44	14,872.00	79.5	26,871.00	120	40,560.00	16	5,408.00	27	9,126.00	50	16,900.00			
2-11.5f	ABANDON EXISTING 21" SEWER PIPE	LF	18	\$3.00	\$54.00	82	1,476.00	340.5	6,129.00	50	900.00	33	594.00	110	1,980.00	55	990.00			
2-11.5k	ABANDON EXISTING 36" SEWER PIPE	LF	190	\$50.00	\$9,500.00	92	17,480.00	156	29,640.00	25	4,750.00	33	6,270.00	69	13,110.00	60	11,400.00			
2-12.2	REMOVE EXISTING STORM MANHOLE	EA	3	\$1,500.00	\$4,500.00	3100	9,300.00	2195	6,585.00	1500	4,500.00	2300	6,900.00	920	2,760.00	900	2,700.00			
2-12.4	ABANDON EXISTING STORM MANHOLE	EA	1	\$2,600.00	\$2,600.00	3000	3,000.00	3535	3,535.00	3500	3,500.00	2030	2,030.00	2400	2,400.00	750	750.00			
2-13.1	REMOVE EXISTING STORM INLET	EA	2	\$1,750.00	\$3,500.00	2800	5,600.00	2425	4,850.00	1500	3,000.00	626	1,252.00	1200	2,400.00	940	1,880.00			
2-17.3	REMOVE AND REPLACE/RELOCATE SIGN	EA	1	\$362.00	\$362.00	250	250.00	630	630.00	500	500.00	421	421.00	280	280.00	350	350.00			
02-22.13	VIBRATION ASSESSMENT	LS	1	\$40,000.00	\$40,000.00	39000	39,000.00	14100	14,100.00	33000	33,000.00	35100	35,100.00	60000	60,000.00	40000	40,000.00			
23-Feb	REMOVE DECORATIVE LANDSCAPING	2733 Glencoe St.	LS	1	\$500.00	\$500.00	1000	1,000.00	10500	10,500.00	2100	2,100.00	2820	2,820.00	3700	3,700.00	2500	2,500.00		
23-Feb	REMOVE DECORATIVE LANDSCAPING	2749 Glencoe St.	LS	1	\$500.00	\$500.00	1000	1,000.00	4950	4,950.00	2100	2,100.00	2820	2,820.00	3700	3,700.00	2500	2,500.00		
23-Feb	REMOVE DECORATIVE LANDSCAPING	2765 Glencoe St.	LS	1	\$500.00	\$500.00	1000	1,000.00	4950	4,950.00	2100	2,100.00	2820	2,820.00	3700	3,700.00	2500	2,500.00		
3-7a	HEALTH & SAFETY PLAN		LS	1	\$5,500.00	\$5,500.00	2500	2,500.00	2450	2,450.00	3000	3,000.00	2960	2,960.00	5000	5,000.00	2500	2,500.00		
3-7b	MATERIAL MANAGEMENT PLAN		LS	1	\$7,500.00	\$7,500.00	3200	3,200.00	1220	1,220.00	3000	3,000.00	17300	17,300.00	5000	5,000.00	1300	1,300.00		
5-2a	SUBGRADE MATERIAL (SELECT BACKFILL)		TON	11,905			24	285,720.00	23.6	280,958.00	7	83,335.00	25	297,625.00	17	202,385.00	31	369,055.00		
5-2b	TOPSOIL		TON	95	\$75.00	\$7,125.00	57	5,415.00	89	8,455.00	70	6,650.00	37	3,515.00	32	3,040.00	55	5,225.00		
8-1.1b	6" DIP AWWA C151, CLASS 50 WATER LINE		LF	40	\$440.00	\$17,600.00	600	24,000.00	530	21,200.00	550	22,000.00	618	24,720.00	600	24,000.00	325	13,000.00		
8-1.1c	8" DIP AWWA C151, CLASS 50 WATER LINE		LF	41	\$340.00	\$13,940.00	650	26,650.00	465	19,065.00	550	22,550.00	722	29,602.00	580	23,780.00	330	13,530.00		
8-1.1e	12" DIP AWWA C151, CLASS 50 WATER LINE		LF	156	\$400.00	\$62,400.00	350	54,600.00	216	33,696.00	220	34,320.00	293	45,708.00	510	79,560.00	400	62,400.00		
8-1.6a	14" PVC AWWA C905 DR18 WATER LINE	12" PVC AWWA C905 DR18 WL	LF	30	\$400.00	\$12,000.00	700	21,000.00	416	12,480.00	475	14,250.00	292	8,760.00	610	18,300.00	190	5,700.00		
8-1.5a	LEAD SERVICE LINE (REPLACEMENT, <2" ID(MAIN TO METER))		LF	200			450	90,000.00	140	28,000.00	160	32,000.00	279	55,800.00	150	30,000.00	115	23,000.00		
4-Aug	REMOVE EXISTING WATER LINE		LF	267	\$150.00	\$40,050.00	77	20,559.00	91	24,297.00	2	534.00	30	8,010.00	34	9,078.00	24	6,408.00		
3-Aug	RESET OR INSTALL FIRE HYDRANT ASSEMBLY (RESET OR INSTALL)		LF	1			10000	10,000.00	12670	12,670.00	9000	9,000.00	8290	8,290.00	3000	3,000.00	8400	8,400.00		
12-1.6a	COMBINATION CURB, GUTTER AND SIDEWALK (4'-11")		LF	950	\$40.00	\$38,000.00	59	56,050.00	55	52,250.00	55	52,250.00	56	53,200.00	62	58,900.00	65	61,750.00		
12-1.8	HANDICAP CONCRETE CURB RAMP		SF	392	\$20.00	\$7,840.00	25	9,800.00	22	8,624.00	22	8,624.00	18	7,056.00	35	13,720.00	24	9,408.00		
12-2.1	CONCRETE SIDEWALK		SF	374	\$10.00	\$3,740.00	15	5,610.00	11	4,114.00	8	2,992.00	13	4,862.00	12	4,488.00	14	5,236.00		
12-5.1	CONCRETE DRIVEWAY PAVING		SF	1,590	\$13.00	\$20,670.00	13	20,670.00	11	17,490.00	10	15,900.00	16	25,440.00	19	30,210.00	12	19,080.00		
13-Dec	CONCRETE ENCASEMENT AROUND PIPE		CY	15	\$700.00	\$10,500.00	730	10,950.00	969	14,535.00	420	6,300.00	600	9,000.00	490	7,350.00	750	11,250.00		
20-2be	ASPHALT SURFACE COURSE, SX, RAP 20%, N=75, 64-22.		SY-IN	5,875	\$7.20	\$42,300.00	8.5	49,937.50	9.8	57,575.00	9	52,875.00	6	35,250.00	7	41,125.00	10.4	61,100.00		
20-3be	ASPHALT BASE COURSE, S, RAP 20%, N=75, 64-22.		SY-IN	19,280	\$8.05	\$155,204.00	8	154,240.00	10	192,800.00	8	154,240.00	7	134,960.00	7	134,960.00	10	192,800.00		
20-4	ASPHALT ROTOMILL		SY-IN	1,815	\$3.50	\$6,352.50	5.5	9,982.50	4	7,260.00	3	5,445.00	3	5,445.00	3	5,445.00	13	23,595.00		
34-2.3g	24" DIAMETER C-76 RCP, CLASS III		LF	244	\$215.00	\$52,460.00	342	83,448.00	274	66,856.00	260	63,440.00	351	85,644.00	200	48,800.00	145	35,380.00		
34-2.3i	30" DIAMETER C-76 RCP, CLASS III		LF	32	\$200.00	\$6,400.00	327	10,464.00	235	7,520.00	220	7,040.00	296	9,472.00	260	8,320.00	185	5,920.00		
34-2.3k	36" DIAMETER C-76 RCP, CLASS III		LF	4	\$230.00	\$920.00	422	1,688.00	376	1,504.00	445	1,780.00	814	3,256.00	540	2,160.00	275	1,100.00		
34-2.3m	42" DIAMETER C-76 RCP, CLASS III		LF	372	\$220.00	\$81,840.00	383	142,476.00	297	110,484.00	270	100,440.00	314	116,808.00	200	74,400.00	300	111,600.00		
34-6.2	PRECAST RCBC (SPECIAL SIZE AND/OR DESIGN)	(3'x5')	LF	27	\$1,500.00	\$40,500.00	711	19,197.00	946	25,542.00	460	12,420.00	704	19,008.00	850	22,950.00	800	21,600.00		
34-6.2	PRECAST RCBC (SPECIAL SIZE AND/OR DESIGN)	(3'x4')	LF	36	\$1,100.00	\$39,600.00	650	23,400.00	758	27,288.00	430	15,480.00	644	23,184.00	520	18,720.00	680	24,480.00		
34-6.2	PRECAST RCBC (SPECIAL SIZE AND/OR DESIGN)	(3'x3')	LF	113	\$1,000.00	\$113,000.00	790	89,270.00	636	71,868.00	400	45,200.00	797	90,061.00	520	58,760.00	850	96,050.00		
34-6.2	PRECAST RCBC (SPECIAL SIZE AND/OR DESIGN)	(5'x6')	LF	978	\$1,500.00	\$1,467,000.00	930	909,540.00	938	917,364.00	700	684,600.00	813	795,114.00	700	684,600.00	940	919,320.00		
34-7.1a	8" DIAMETER PVC PIPE		LF	100	\$175.00	\$17,500.00	275	27,500.00	159	15,900.00	140	14,000.00	163	16,300.00	160	16,000.00	105	10,500.00		
34-12.1a	4" DIAMETER PRECAST MANHOLE WITH TYPE A BASE & CONCENTRIC CONE		EA	2	\$5,350.00	\$10,700.00	7900	15,800.00	7610	15,220.00	9000	18,000.00	4210	8,420.00	6800	13,600.00	5200	10,400.00		
34-12.1c	4" DIAMETER PRECAST MANHOLE WITH TYPE C BASE & CONCENTRIC CONE		EA	3	\$4,750.00	\$14,250.00	6400	19,200.00	5050	15,150.00	11000	33,000.00	4520	13,560.00	3300	9,900.00	4000	12,000.00		
34-12.2c	5" DIAMETER PRECAST MANHOLE WITH TYPE C BASE & CONCENTRIC CONE		EA	1	\$6,880.00	\$6,880.00	10000	10,000.00	8030	8,030.00	13750	13,750.00	5880	5,880.00	4000	4,000.00	5200	5,200.00		
34-12.3c	6" DIAMETER PRECAST MANHOLE WITH TYPE C BASE & CONCENTRIC CONE		EA	1	\$8,000.00	\$8,000.00	8700	8,700.00	8700	8,700.00	12600	12,600.00	6760	6,760.00	4500	4,500.00	5800	5,800.00		
34-12.4a	CAST-IN-PLACE TYPE B MANHOLE WITH TYPE A TOP SLAB		EA	1	\$22,500.00	\$22,500.00	41000	41,000.00	30400	30,400.00	35000	35,000.00	17500	17,500.00	7700	7,700.00	9300	9,300.00		
34-12.4b	CAST-IN-PLACE TYPE B MANHOLE WITH TYPE B TOP SLAB		EA	2	\$20,100.00	\$40,200.00	42000	84,000.00	31100	62,200.00	40000	80,000.00	16800	33,600.00	8300	16,600.00	9300	18,600.00		
34-12.4c	CAST-IN-PLACE TYPE B MANHOLE SPECIAL DESIGN	MH-A3	EA	1	\$40,000.00	\$40,000.00	83000	83,000.00	47775	47,775.00	45000	45,000.00	17700	17,700.00	11600	11,600.00	29500	29,500.00		
34-12.5b	CAST-IN-PLACE TYPE P MANHOLE WITH TOP SLAB FOR H>2' DEPTH		EA	1	\$18,000.00	\$18,000.00	67000	67,000.00	35500	35,500.00	45000	45,000.00								

43-1b	STORM WATER MANAGEMENT (SCENARIO 2) See SCS 23.0	LS	1	\$16,000.00	\$16,000.00	68000	68,000.00	69500	69,500.00	75000	75,000.00	29800	29,800.00	265000	265,000.00	49000	49,000.00
44-1	DEWATERING	LS	1	\$11,000.00	\$11,000.00	35000	35,000.00	34000	34,000.00	15000	15,000.00	22800	22,800.00	50000	50,000.00	2200	2,200.00
44-2	WATER TREATMENT	LS	1	\$20,000.00	\$20,000.00	10000	10,000.00	12300	12,300.00	22150	22,150.00	14200	14,200.00	20000	20,000.00	3000	3,000.00
45-2	QUALITY CONTROL TESTING	LS	1	\$26,493.00	\$26,493.00	25000	25,000.00	30400	30,400.00	57000	57,000.00	48000	48,000.00	60000	60,000.00	57000	57,000.00
46-2	EPOXY PAVEMENT MARKING	SF	1,550	\$10.00	\$15,500.00	3.5	5,425.00	10	15,500.00	3	4,650.00	3	4,650.00	3	4,650.00	3.3	5,115.00
46-3	THERMOPLASTIC PAVEMENT MARKING	SF	25	\$15.00	\$375.00	25	625.00	15.24	381.00	16	400.00	17	425.00	17	425.00	18	450.00
47-1	CONSTRUCTION SURVEYING	LS	1	\$40,000.00	\$40,000.00	13000	13,000.00	17700	17,700.00	36000	36,000.00	26900	26,900.00	50000	50,000.00	48000	48,000.00
50-1	MOBILIZATION	LS	1	---	\$205,807.62	174000	174,000.00	232000	232,000.00	125000	125,000.00	245305	245,305.00	154000	154,000.00	360000	360,000.00
Total			69		\$3,635,934.69		\$ 3,748,139.00		\$ 3,531,475.00		\$ 3,015,985.00		\$ 3,188,150.00		\$ 3,087,442.00		\$ 3,696,679.00
Textura							\$ 6,371.84		\$ 6,003.51		\$ 5,127.17		\$ 5,419.86		\$ 5,248.65		\$ 6,284.35
Total Bid Amount							\$ 3,754,510.84		\$ 3,537,478.51		\$ 3,021,112.17		\$ 3,193,569.86		\$ 3,092,690.65		\$ 3,702,963.35