

Name: Water Main Replacements
 Number:WA1912.401
 Issuing Date: 5/4/2021
 r/s Estimate: \$ 5,351,405

Spec No. (s)	Description	Qty	Unit	Haydon Companies, LLC		Granite Construction Company		Achen-Gardner Construction, LLC		Archer Western Construction, LLC		Action Direct, LLC dba Redpoint Contracting, Inc.		The Fishel Company	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
104101	PROJECT SIGNS	3	EA	\$250.00	\$750.00	\$ 500.00	\$1,500.00	\$ 540.00	\$1,620.00	\$ 1,500.00	\$4,500.00	\$ 1,123.00	\$3,369.00	\$ 1,521.00	\$4,563.00
105801	CONSTRUCTION SURVEYING	1	LS	\$35,000.00	\$35,000.00	\$ 50,000.00	\$50,000.00	\$ 23,895.00	\$23,895.00	\$ 40,000.00	\$40,000.00	\$ 39,434.00	\$39,434.00	\$ 47,205.00	\$47,205.00
105802	CONSTRUCTION WORKING DRAWINGS AND GIS DATA	1	LS	\$5,000.00	\$5,000.00	\$ 5,250.00	\$5,250.00	\$ 7,109.00	\$7,109.00	\$ 11,000.00	\$11,000.00	\$ 3,485.00	\$3,485.00	\$ 4,720.00	\$4,720.00
105803	REMOVE AND REPLACE SURVEY MARKERS AND MONUMENTS	2	EA	\$475.00	\$950.00	\$ 450.00	\$900.00	\$ 781.00	\$1,562.00	\$ 500.00	\$1,000.00	\$ 602.00	\$1,204.00	\$ 1,029.00	\$2,058.00
332200	APPLY ASPHALT EMULSION SLURRY SEAL COAT, TYPE II, QUICK SETTING, TO ENTIRE ROADWAY WIDTH	57,641	SY	\$2.50	\$144,102.50	\$ 2.25	\$129,692.25	\$ 3.60	\$207,507.60	\$ 3.50	\$201,743.50	\$ 3.00	\$172,923.00	\$ 3.10	\$178,687.10
337000	FILL AND SEAL PAVEMENT CRACKS	#####	LF	\$0.50	\$65,089.50	\$ 0.35	\$45,562.65	\$ 0.75	\$97,634.25	\$ 1.00	\$130,179.00	\$ 0.50	\$65,089.50	\$ 0.50	\$65,089.50
340001	SAWCUT, REMOVE, AND REPLACE CURB AND GUTTER PER MAG STD. DET. 220-1, TYPE "A", JOINT TO JOINT	200	LF	\$46.00	\$9,200.00	\$ 60.00	\$12,000.00	\$ 38.00	\$7,600.00	\$ 89.00	\$17,800.00	\$ 59.00	\$11,800.00	\$ 72.00	\$14,400.00
340002	SAWCUT, REMOVE, AND REPLACE ROLL CURB AND GUTTER PER MAG STD. DET. 220-1, TYPE "C", JOINT TO JOINT	920	LF	\$45.00	\$41,400.00	\$ 60.00	\$55,200.00	\$ 27.00	\$24,840.00	\$ 49.00	\$45,080.00	\$ 73.00	\$67,160.00	\$ 59.70	\$54,924.00
340003	SAWCUT, REMOVE, AND REPLACE RIBBON CURB PER MAG STD. DET. 220-1, TYPE "B", JOINT TO JOINT	10	LF	\$150.00	\$1,500.00	\$ 60.00	\$600.00	\$ 42.00	\$420.00	\$ 180.00	\$1,800.00	\$ 56.00	\$560.00	\$ 202.00	\$2,020.00
340004	SAWCUT, REMOVE, AND REPLACE SINGLE CURB PER MAG STD. DET. 222, TYPE "B", JOINT TO JOINT. MODIFY TO MATCH EXISTING CURB	120	LF	\$65.00	\$7,800.00	\$ 60.00	\$7,200.00	\$ 43.00	\$5,160.00	\$ 85.00	\$10,200.00	\$ 57.00	\$6,840.00	\$ 60.50	\$7,260.00
340200	SAWCUT, REMOVE, AND REPLACE FULL WIDTH OF CONCRETE SIDEWALK TO NEAREST JOINT PER MAG STD. DET. 259	5,700	SF	\$12.00	\$68,400.00	\$ 12.00	\$68,400.00	\$ 9.00	\$51,300.00	\$ 25.00	\$142,500.00	\$ 25.00	\$142,500.00	\$ 13.70	\$78,090.00
340400	SAWCUT, REMOVE, AND REPLACE VALLEY GUTTER AND BOTH APRONS PER MAG STD. DET. 240	18	EA	\$8,400.00	\$151,200.00	\$ 8,000.00	\$144,000.00	\$ 7,164.00	\$128,952.00	\$ 3,600.00	\$64,800.00	\$ 17,348.00	\$312,264.00	\$ 8,422.00	\$151,596.00
340450	SAWCUT, REMOVE, AND REPLACE DRIVEWAY ENTRANCE PER MAG STD. DET. 250 TO THE NEAREST JOINT. MODIFY TO MATCH EXISTING	830	SF	\$27.00	\$22,410.00	\$ 12.00	\$9,960.00	\$ 20.00	\$16,800.00	\$ 15.00	\$12,450.00	\$ 40.00	\$33,200.00	\$ 18.30	\$15,189.00
340451	SAWCUT, REMOVE, AND REPLACE CONCRETE DRIVEWAY PER MAG STD. DET. 251 (MOJ.), JOINT TO JOINT	2,100	SF	\$24.00	\$50,400.00	\$ 12.00	\$25,200.00	\$ 19.00	\$39,900.00	\$ 18.00	\$37,800.00	\$ 40.00	\$84,000.00	\$ 17.60	\$36,960.00
340900	SAWCUT, REMOVE, AND REPLACE SPEED HUMP PER COC STD. DET. C-234, LENGTH TO MATCH EXISTING ROADWAY	4	EA	\$3,300.00	\$13,200.00	\$ 4,500.00	\$18,000.00	\$ 843.00	\$3,372.00	\$ 6,500.00	\$26,000.00	\$ 11,498.00	\$45,992.00	\$ 5,612.00	\$22,448.00
350000	ABANDON EXISTING WATERLINE AND APPURTENANCES IN PLACE. ABANDON EXISTING GATE VALVES PER DET. 2 ON SHT. G3. PROTECT EXISTING WATERLINES IN PLACE DURING CONSTRUCTION.	1	LS	\$51,000.00	\$51,000.00	\$ 101,000.00	\$101,000.00	\$ 87,810.00	\$87,810.00	\$ 91,000.00	\$91,000.00	\$ 75,415.00	\$75,415.00	\$ 73,105.00	\$73,105.00
350200	REMOVE EXISTING PIPING, VALVES, FITTING, AND APPURTENANCES AS REQUIRED TO INSTALL NEW IMPROVEMENTS	1,757	LF	\$40.00	\$70,280.00	\$ 20.00	\$35,140.00	\$ 12.00	\$21,084.00	\$ 15.00	\$26,355.00	\$ 41.00	\$72,037.00	\$ 16.00	\$28,112.00
350201	REMOVE EXISTING VALVE ASSEMBLY AND CAP EXISTING BRANCH PIPING	6	EA	\$1,400.00	\$8,400.00	\$ 725.00	\$4,350.00	\$ 2,351.00	\$14,106.00	\$ 600.00	\$3,600.00	\$ 748.00	\$4,488.00	\$ 1,434.00	\$8,604.00
350300	REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS	1	LS	\$17,000.00	\$17,000.00	\$ 8,000.00	\$8,000.00	\$ 463.00	\$463.00	\$ 9,900.00	\$9,900.00	\$ 13,994.00	\$13,994.00	\$ 43,515.00	\$43,515.00
350600	BRACE EX. POWER POLE	3	EA	\$4,500.00	\$13,500.00	\$ 2,000.00	\$6,000.00	\$ 6,941.00	\$20,823.00	\$ 4,500.00	\$13,500.00	\$ 1,941.00	\$5,823.00	\$ 2,342.00	\$7,026.00
350700	REMOVE EXISTING FIRE HYDRANT ASSEMBLY	25	EA	\$2,000.00	\$50,000.00	\$ 1,200.00	\$30,000.00	\$ 2,351.00	\$58,775.00	\$ 750.00	\$18,750.00	\$ 977.00	\$24,425.00	\$ 1,218.00	\$30,475.00
401000	TRAFFIC CONTROL	1	LS	\$90,000.00	\$90,000.00	\$ 15,000.00	\$15,000.00	\$ 169,812.00	\$169,812.00	\$ 297,000.00	\$297,000.00	\$ 153,134.00	\$153,134.00	\$ 320,170.00	\$320,170.00
401100	REMOVE AND RESET STREET SIGN	1	EA	\$550.00	\$550.00	\$ 600.00	\$600.00	\$ 231.00	\$231.00	\$ 480.00	\$480.00	\$ 668.00	\$668.00	\$ 468.50	\$468.50
402000	RE-STRIPE ROADWAY PAVEMENT	1	LS	\$6,000.00	\$6,000.00	\$ 2,500.00	\$2,500.00	\$ 9,255.00	\$9,255.00	\$ 4,800.00	\$4,800.00	\$ 4,632.00	\$4,632.00	\$ 9,366.00	\$9,366.00
430000	REMOVE AND REPLACE EXISTING LANDSCAPE MATERIAL AND IRRIGATION IN KIND	1	LS	\$40,000.00	\$40,000.00	\$ 7,800.00	\$7,800.00	\$ 9,363.00	\$9,363.00	\$ 125,000.00	\$125,000.00	\$ 20,507.00	\$20,507.00	\$ 57,305.00	\$57,305.00
505600	INSTALL THRUST COLLAR PER DET. 1 SHT. G3	27	EA	\$2,700.00	\$72,900.00	\$ 650.00	\$17,550.00	\$ 1,899.00	\$51,273.00	\$ 2,100.00	\$56,700.00	\$ 1,035.00	\$27,945.00	\$ 1,938.00	\$52,326.00
610131	INSTALL NEW 1" SERVICE LINE CONNECTION PER COC STD. DET. C-301, REPLACE WATER METER AND BOX. CONNECT TO EX. PRIVATE SERVICE	202	EA	\$1,430.00	\$288,860.00	\$ 1,350.00	\$272,700.00	\$ 2,079.00	\$419,958.00	\$ 1,800.00	\$363,600.00	\$ 1,768.00	\$357,136.00	\$ 3,140.00	\$634,280.00
610132	INSTALL NEW 2" SERVICE LINE CONNECTION PER COC STD. DET. C-301, REPLACE WATER METER AND BOX CONNECTION TO EX. PRIVATE SERVICE	2	EA	\$4,800.00	\$9,600.00	\$ 2,000.00	\$4,000.00	\$ 3,745.00	\$7,490.00	\$ 5,100.00	\$10,200.00	\$ 2,961.00	\$5,922.00	\$ 5,687.00	\$11,374.00
610133	INSTALL NEW 1" SERVICE LINE CONNECTION PER COC STD. DET. C-301, INSTALL WATER METER AND BOX AT LOCATION SHOWN AND EXTEND EX. PRIVATE SERVICE	51	EA	\$1,400.00	\$71,400.00	\$ 1,350.00	\$68,850.00	\$ 2,228.00	\$113,628.00	\$ 2,100.00	\$107,100.00	\$ 1,779.00	\$90,729.00	\$ 3,467.00	\$176,817.00
610304	INSTALL 4" D.I.P. CLASS 350 WATERLINE IN POLYWRAP	6	LF	\$500.00	\$3,000.00	\$ 250.00	\$1,500.00	\$ 315.00	\$1,890.00	\$ 350.00	\$2,100.00	\$ 353.00	\$2,118.00	\$ 223.50	\$1,341.00
610306	INSTALL 6" D.I.P. CLASS 350 WATERLINE IN POLYWRAP	1,397	LF	\$250.00	\$349,250.00	\$ 175.00	\$244,475.00	\$ 212.00	\$296,164.00	\$ 200.00	\$279,400.00	\$ 240.00	\$335,280.00	\$ 253.50	\$354,139.50
610308	INSTALL 8" D.I.P. CLASS 350 WATERLINE IN POLYWRAP	15,133	LF	\$212.00	\$3,208,196.00	\$ 236.50	\$3,578,954.50	\$ 192.00	\$2,905,536.00	\$ 174.00	\$2,633,142.00	\$ 198.00	\$2,996,334.00	\$ 234.00	\$3,541,122.00
610312	INSTALL 12" D.I.P. CLASS 350 WATERLINE IN POLYWRAP	263	LF	\$400.00	\$105,200.00	\$ 425.00	\$111,775.00	\$ 340.00	\$89,420.00	\$ 370.00	\$97,310.00	\$ 381.00	\$100,203.00	\$ 468.50	\$123,215.50
610316	INSTALL 16" D.I.P. CLASS 350 WATERLINE IN POLYWRAP	240	LF	\$400.00	\$96,000.00	\$ 600.00	\$144,000.00	\$ 430.00	\$103,200.00	\$ 370.00	\$88,800.00	\$ 377.00	\$90,480.00	\$ 502.00	\$120,480.00
610600	CUT AND CAP EXISTING WATERLINE WITH WATER TIGHT PLUG	43	EA	\$700.00	\$30,100.00	\$ 810.00	\$34,830.00	\$ 1,337.00	\$57,491.00	\$ 1,800.00	\$77,400.00	\$ 779.00	\$33,497.00	\$ 2,359.00	\$101,437.00
610700	PROVIDE WATER AND SANITARY SEWER SEPARATION / PROTECTION PER MAG STD. DET. .404	422	LF	\$175.00	\$73,850.00	\$ 35.00	\$14,770.00	\$ 235.00	\$99,170.00	\$ 180.00	\$75,960.00	\$ 94.00	\$39,868.00	\$ 527.00	\$222,394.00
610800	INSTALL NEW FIRE HYDRANT ASSEMBLY PER COC STD. DET. C-303 AND C-305, RESTRAIN ALL JOINTS AND INSTALL VALVE BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 270	41	EA	\$7,000.00	\$287,000.00	\$ 5,750.00	\$235,750.00	\$ 9,589.00	\$393,149.00	\$ 8,000.00	\$328,000.00	\$ 8,043.00	\$329,763.00	\$ 10,305.00	\$422,505.00
630306	INSTALL 6" GATE VALVE, BOX AND COVER PER COC STD. DET. C-307, INSTALL CONCRETE RING AND ADJUST FRAME AND COVER PER MAG STD. DET. 270	18	EA	\$1,800.00	\$32,400.00	\$ 1,600.00	\$28,800.00	\$ 1,972.00	\$35,496.00	\$ 2,600.00	\$46,800.00	\$ 1,725.00	\$31,050.00	\$ 2,156.00	\$38,808.00
630308	INSTALL 8" GATE VALVE, BOX AND COVER PER COC STD. DET. C-307, INSTALL CONCRETE RING AND ADJUST FRAME AND COVER PER MAG STD. DET. 270	56	EA	\$2,275.00	\$127,400.00	\$ 2,250.00	\$126,000.00	\$ 2,659.00	\$148,904.00	\$ 2,500.00	\$140,000.00	\$ 2,251.00	\$126,056.00	\$ 2,341.00	\$131,096.00
630312	INSTALL 12" GATE VALVE, BOX AND COVER PER COC STD. DET. C-307, INSTALL CONCRETE RING AND ADJUST FRAME AND COVER PER MAG STD. DET. 270	1	EA	\$3,500.00	\$3,500.00	\$ 2,750.00	\$2,750.00	\$ 3,717.00	\$3,717.00	\$ 4,500.00	\$4,500.00	\$ 3,677.00	\$3,677.00	\$ 4,339.00	\$4,339.00
630316	INSTALL 16" GATE VALVE, BOX AND COVER PER COC STD. DET. C-307, INSTALL CONCRETE RING AND ADJUST FRAME AND COVER PER MAG STD. DET. 270	2	EA	\$8,400.00	\$16,800.00	\$ 6,750.00	\$13,500.00	\$ 12,266.00	\$24,532.00	\$ 8,500.00	\$17,000.00	\$ 8,785.00	\$17,570.00	\$ 19,595.00	\$39,190.00
630401	CONNECT NEW LINE TO EXIST. LINE WITH 6"x4" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	1	EA	\$6,600.00	\$6,600.00	\$ 8,500.00	\$8,500.00	\$ 10,206.00	\$10,206.00	\$ 4,800.00	\$4,800.00	\$ 4,162.00	\$4,162.00	\$ 15,685.00	\$15,685.00
630402	CONNECT NEW LINE TO EXIST. LINE WITH 8"x6" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	1	EA	\$7,000.00	\$7,000.00	\$ 8,600.00	\$8,600.00	\$ 11,236.00	\$11,236.00	\$ 4,900.00	\$4,900.00	\$ 4,625.00	\$4,625.00	\$ 13,125.00	\$13,125.00
630403	CONNECT NEW LINE TO EXIST. LINE WITH 10"x8" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	1	EA	\$8,000.00	\$8,000.00	\$ 9,306.00	\$9,306.00	\$ 13,238.00	\$13,238.00	\$ 5,400.00	\$5,400.00	\$ 5,480.00	\$5,480.00	\$ 14,430.00	\$14,430.00
630404	CONNECT NEW LINE TO EXIST. LINE WITH 12"x8" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	1	EA	\$7,000.00	\$7,000.00	\$ 9,500.00	\$9,500.00	\$ 11,248.00	\$11,248.00	\$ 5,100.00	\$5,100.00	\$ 4,864.00	\$4,864.00	\$ 18,150.00	\$18,150.00
630405	CONNECT NEW LINE TO EXIST. LINE WITH 16"x8" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	2	EA	\$9,400.00	\$18,800.00	\$ 10,250.00	\$20,500.00	\$ 12,162.00	\$24,324.00	\$ 5,900.00	\$11,800.00	\$ 7,158.00	\$14,316.00	\$ 15,155.00	\$30,310.00
630406	CONNECT NEW LINE TO EXIST. LINE WITH 16"x8" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	2	EA	\$8,700.00	\$17,400.00	\$ 10,500.00	\$21,000.00	\$ 12,568.00	\$25,136.00	\$ 6,300.00	\$12,600.00	\$ 6,147.00	\$12,294.00	\$ 16,945.00	\$33,890.00
630407	CONNECT NEW LINE TO EXIST. LINE WITH 16"x12" T.S.&V. PER MAG STD. DET. 340, INSTALL VALVE, BOX AND COVER PER COC STD. DET. C-307 AND MAG STD. DET. 207	1	EA	\$11,000.00	\$11,000.00	\$ 12,500.00	\$12,500.00	\$ 14,172.00	\$14,172.00	\$ 8,300.00	\$8,300.00	\$ 8,496.00	\$8,496.00	\$ 19,825.00	\$19,825.00
630506	INSTALL NEW 6" LINE STOP	1	EA	\$9,100.00	\$9,100.00	\$ 7,500.00	\$7,500.00	\$ 14,223.00	\$14,223.00	\$ 8,400.00	\$8,400.00	\$ 8,283.00	\$8,283.00	\$ 9,498.00	\$9,498.00
630508	INSTALL NEW 8" LINE STOP	1													