

 2020 SANITARY SEWER MAIN REPLACEMENT 20EN09 BID TABULATION 							
BASE BID							
BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	CONTRACT UNIT QUANTITY	DRM, Inc.		ENGINEERS EST.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
SECTION 01020	CONTRACT PAY ITEMS						
01020.01	Mobilization	LS	1	\$ 560,881.16	\$ 560,881.16	\$ 350,000.00	\$ 350,000.00
01020.02	Contract Bonds	LS	1	\$ 38,386.30	\$ 38,386.30	\$ 40,000.00	\$ 40,000.00
01020.03	Force Account	FA	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
SECTION 01500	SEDIMENT AND EROSION CONTROL						
01500.01	Construction Stormwater Management	LS	1	\$ 8,456.77	\$ 8,456.77	\$ 5,000.00	\$ 5,000.00
SECTION 01510	TRAFFIC CONTOL						
01510.01	Construction Signing and Traffic Control	LS	1	\$ 143,333.84	\$ 143,333.84	\$ 90,000.00	\$ 90,000.00
01510.02	Flagging	1/4 HR	1,500	\$ 13.00	\$ 19,500.00	\$ 9.00	\$ 13,500.00
01510.03	Project Identification Sign	EA	1	\$ 1,369.08	\$ 1,369.08	\$ 1,000.00	\$ 1,000.00
01510.04	Solid Double Yellow Center Stripe	LF	600	\$ 0.44	\$ 264.00	\$ 0.75	\$ 450.00
01510.06	Broken White Lane Stripe	LF	6,230	\$ 0.29	\$ 1,806.70	\$ 0.50	\$ 3,115.00
01510.07	Solid White Stacking Lane Stripe	LF	920	\$ 0.44	\$ 404.80	\$ 1.50	\$ 1,380.00
01510.08	Yellow Two-Way Turn Lane Stripe	LF	4,940	\$ 0.32	\$ 1,580.80	\$ 0.75	\$ 3,705.00
01510.12	Stop Bars	LF	180	\$ 4.39	\$ 790.20	\$ 5.00	\$ 900.00
01510.13	Turn Arrow	EA	20	\$ 38.08	\$ 761.60	\$ 100.00	\$ 2,000.00
01510.14	Pedestrian Crossing Stripes	EA	55	\$ 102.53	\$ 5,639.15	\$ 40.00	\$ 2,200.00
SECTION 02050	REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS						
02050.11	Remove Sanitary Sewer Main	LF	1,880	\$ 12.67	\$ 23,819.60	\$ 8.00	\$ 15,040.00
02050.12	Remove Sanitary Sewer Manhole	EA	13	\$ 11,086.23	\$ 144,120.99	\$ 700.00	\$ 9,100.00
02050.21	Install Concrete Plug	EA	10	\$ 238.66	\$ 2,386.60	\$ 140.00	\$ 1,400.00
02050.24	Removal Of Existing Fence	LF	20	\$ 21.92	\$ 438.40	\$ 7.00	\$ 140.00
SECTION 02075	DEMOLITION OF ASPHALT AND PORTLAND CEMENT CONCRETE						
02075.01	Removal of Existing Asphalt	SY	2,300	\$ 7.23	\$ 16,629.00	\$ 4.00	\$ 9,200.00
02075.02	Removal of Portland Cement Concrete Pavement	SY	4,000	\$ 7.49	\$ 29,960.00	\$ 5.50	\$ 22,000.00
02075.04	Removal of Sidewalk	SF	1,900	\$ 1.37	\$ 2,603.00	\$ 1.00	\$ 1,900.00
02075.05	Removal of Driveway	SF	400	\$ 2.93	\$ 1,172.00	\$ 1.50	\$ 600.00
02075.06	Removal of Curb and Gutter	LF	400	\$ 5.86	\$ 2,344.00	\$ 5.00	\$ 2,000.00
02075.09	Removal of Concrete Fillet	SF	900	\$ 2.97	\$ 2,673.00	\$ 2.00	\$ 1,800.00
02075.10	Removal of Concrete Valley Gutter	SF	400	\$ 2.93	\$ 1,172.00	\$ 1.80	\$ 720.00
02075.13	Removal of Miscellaneous Concrete	SF	1,500	\$ 5.34	\$ 8,010.00	\$ 4.00	\$ 6,000.00
SECTION 02210	EXCAVATION AND EMBANKMENT						
02210.01	Unclassified Excavation Above Subgrade	CY	1,200	\$ 5.34	\$ 6,408.00	\$ 10.00	\$ 12,000.00
02210.02	Excavation Below Subgrade	CY	200	\$ 15.44	\$ 3,088.00	\$ 9.00	\$ 1,800.00
02210.03	Rejected Material Disposal	CY	250	\$ 5.59	\$ 1,397.50	\$ 12.00	\$ 3,000.00
02210.04	Surplus Material Disposal	CY	1,300	\$ 5.59	\$ 7,267.00	\$ 11.00	\$ 14,300.00
02210.06	Imported Borrow (Sand)	CY	250	\$ 21.23	\$ 5,307.50	\$ 12.00	\$ 3,000.00
02210.0718	18" Paved Road Subgrade Processing	SY	4,000	\$ 10.74	\$ 42,960.00	\$ 4.50	\$ 18,000.00
02210.0812	12" Subgrade Processing for Patch	SY	100	\$ 12.58	\$ 1,258.00	\$ 6.00	\$ 600.00
02210.0818	18" Subgrade Processing for Patch	SY	2,300	\$ 16.19	\$ 37,237.00	\$ 7.50	\$ 17,250.00
SECTION 02220	TRENCH EXCAVATION AND UTILITY LOCATES						
02220.02	Underground Facility Locates	EA	30	\$ 264.51	\$ 7,935.30	\$ 175.00	\$ 5,250.00
02220.03	Underground Facility Crossing	EA	60	\$ 761.57	\$ 45,694.20	\$ 600.00	\$ 36,000.00
SECTION 02225	TRENCH BACKFILL						
02225.01	Install Type 1 Bedding	CY	50	\$ 16.62	\$ 831.00	\$ 22.00	\$ 1,100.00
02225.02	Install Trench Foundation	TN	310	\$ 52.22	\$ 16,188.20	\$ 40.00	\$ 12,400.00
02225.04	Install Cement Treated Fill Pipe Saddle	EA	1	\$ 2,286.35	\$ 2,286.35	\$ 1,200.00	\$ 1,200.00
SECTION 02231	AGGREGATE SUB-BASE AND BASE COURSES						
02231.0104	4" Aggregate Base	SY	90	\$ 15.13	\$ 1,361.70	\$ 12.00	\$ 1,080.00
02231.0106	6" Aggregate Base	SY	5,100	\$ 16.61	\$ 84,711.00	\$ 12.50	\$ 63,750.00
02231.0112	12" Aggregate Base	SY	1,400	\$ 41.95	\$ 58,730.00	\$ 26.00	\$ 36,400.00
SECTION 02280	TOPSOIL						
02280.01	Place Topsoil	CY	90	\$ 7.80	\$ 702.00	\$ 7.00	\$ 630.00
02280.03	Stockpile Topsoil	CY	90	\$ 7.80	\$ 702.00	\$ 3.00	\$ 270.00
SECTION 02511	PAVEMENT REHABILITATION						
02511.01	Rotomilling Surface of Asphalt Pavement	SY	22,500	\$ 3.32	\$ 74,700.00	\$ 3.50	\$ 78,750.00
02511.08	Pavement Crack Repair (W/ Membrane)	LF	1,600	\$ 43.21	\$ 69,136.00	\$ 15.00	\$ 24,000.00
SECTION 02512	PLANT MIX PAVEMENT						
02512.0103	3" Asphaltic Concrete Paving (Overlay)	SY	22,500	\$ 26.29	\$ 591,525.00	\$ 22.00	\$ 495,000.00
02512.0104.5	4.5" Asphaltic Concrete Paving	SY	2,200	\$ 36.84	\$ 81,048.00	\$ 26.00	\$ 57,200.00
02512.0106	6" Asphaltic Concrete Paving	SY	400	\$ 65.91	\$ 26,364.00	\$ 48.00	\$ 19,200.00
02512.0206	6" Asphaltic Concrete Patch	SY	310	\$ 81.29	\$ 25,199.90	\$ 70.00	\$ 21,700.00
02512.0207	7" Asphaltic Concrete Patch	SY	1,320	\$ 91.54	\$ 120,832.80	\$ 80.00	\$ 105,600.00
02512.0504 SP	4" Asphaltic Concrete Sidewalk	SY	100	\$ 58.59	\$ 5,859.00	\$ 40.00	\$ 4,000.00
SECTION 02520	PORTLAND CEMENT CONCRETE PAVEMENT						
02520.0106	6" Portland Cement Concrete Paving	SY	1,400	\$ 72.97	\$ 102,158.00	\$ 50.00	\$ 70,000.00
02520.0107	7" Portland Cement Concrete Paving	SY	200	\$ 92.39	\$ 18,478.00	\$ 60.00	\$ 12,000.00
02520.0209	9" Portland Cement Concrete Patch	SY	620	\$ 103.85	\$ 64,387.00	\$ 85.00	\$ 52,700.00
SECTION 02528	CONCRETE CURBS AND COMBINED CURBS AND GUTTERS						
02528.0230	Install Replacement 30" Curb and Gutter	LF	400	\$ 50.24	\$ 20,096.00	\$ 30.00	\$ 12,000.00
SECTION 02530	CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB RETURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION						
02530.0104	Install Concrete Sidewalk (4')	SF	2,000	\$ 8.52	\$ 17,040.00	\$ 5.50	\$ 11,000.00
02530.0308	Install Stamped Concrete Sidewalk (8")	SF	1,500	\$ 13.11	\$ 19,665.00	\$ 10.00	\$ 15,000.00
02530.0406	Install Concrete Driveway (6")	SF	400	\$ 9.55	\$ 3,820.00	\$ 6.50	\$ 2,600.00
02530.0608	Install Replacement Concrete Valley Gutter (8")	SF	400	\$ 12.17	\$ 4,868.00	\$ 8.00	\$ 3,200.00
02530.0808	Install Replacement Curb Return Fillet (8")	SF	1,200	\$ 12.39	\$ 14,868.00	\$ 10.00	\$ 12,000.00
02530.1105	Install Handicap Ramp and Landing (5")	SF	60	\$ 20.68	\$ 1,240.80	\$ 16.00	\$ 960.00
SECTION 02570	ADJUSTING STREET FIXTURES						
02570.01	Adjust Manhole	EA	14	\$ 1,045.50	\$ 14,637.00	\$ 600.00	\$ 8,400.00

BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	CONTRACT UNIT QUANTITY	DRM, Inc.		ENGINEERS EST.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
02570.05	Adjust Water Valve Box	EA	16	\$ 590.56	\$ 9,448.96	\$ 225.00	\$ 3,600.00
02570.14	Replace Sewer Manhole Ring and Cover	EA	13	\$ 852.94	\$ 11,088.22	\$ 500.00	\$ 6,500.00
SECTION 02700	SANITARY SEWER SYSTEMS						
02700.0108	Install 8" Sanitary Sewer	LF	1,260	\$ 74.44	\$ 93,794.40	\$ 45.00	\$ 56,700.00
02700.0112	Install 12" Sanitary Sewer	LF	80	\$ 186.42	\$ 14,913.60	\$ 70.00	\$ 5,600.00
02700.0115	Install 15" Sanitary Sewer	LF	310	\$ 104.78	\$ 32,481.80	\$ 70.00	\$ 21,700.00
02700.0118	Install 18" Sanitary Sewer	LF	10	\$ 725.26	\$ 7,252.60	\$ 100.00	\$ 1,000.00
02700.0124	Install 24" Sanitary Sewer	LF	140	\$ 401.64	\$ 56,229.60	\$ 225.00	\$ 31,500.00
02700.0348	Install Basic Sanitary Sewer Manhole (5' Depth) (48" ID)	EA	9	\$ 5,276.32	\$ 47,486.88	\$ 4,000.00	\$ 36,000.00
02700.0448	Install Additional Sanitary Sewer Manhole Depth (48" ID)	VF	68	\$ 584.99	\$ 39,779.32	\$ 250.00	\$ 17,000.00
02700.05	Install Sanitary Sewer Drop to Manhole	EA	9	\$ 5,149.33	\$ 46,343.97	\$ 1,800.00	\$ 16,200.00
02700.09	Connect to Sanitary Sewer Main	EA	34	\$ 1,970.43	\$ 66,994.62	\$ 800.00	\$ 27,200.00
02700.10	Connect to Sanitary Sewer Manhole	EA	1	\$ 3,878.53	\$ 3,878.53	\$ 1,000.00	\$ 1,000.00
02700.1204	4" Extend & Reconnect Existing Sanitary Sewer Service	EA	300	\$ 153.53	\$ 46,059.00	\$ 60.00	\$ 18,000.00
02700.1860 SP	Install Sanitary Sewer Manhole with Lining (5' Depth) (60" ID)	EA	6	\$ 16,724.23	\$ 100,345.38	\$ 6,000.00	\$ 36,000.00
02700.1960 SP	Install Additional Sanitary Sewer Manhole with Lining Depth (60" ID)	VF	92	\$ 1,390.01	\$ 127,880.92	\$ 650.00	\$ 59,800.00
02700.20 SP	Sewer Video and Assessment	LF	4,700	\$ 2.93	\$ 13,771.00	\$ 1.50	\$ 7,050.00
02700.2118 SP	Cleaning 18" Sanitary Sewer	LF	260	\$ 4.39	\$ 1,141.40	\$ 4.50	\$ 1,170.00
02700.2124 SP	Cleaning 24" Sanitary Sewer	LF	4,440	\$ 4.39	\$ 19,491.60	\$ 5.00	\$ 22,200.00
02700.22 SP	Mechanical Removal of Mineral Scale and Encrustation from Sanitary Sewer	LF	450	\$ 16.11	\$ 7,249.50	\$ 15.00	\$ 6,750.00
02700.23 SP	Grind Protruding Service Tap	EA	1	\$ 1,574.53	\$ 1,574.53	\$ 300.00	\$ 300.00
02700.2418 SP	18" Sewer, CIPP Lining	LF	260	\$ 168.44	\$ 43,794.40	\$ 115.00	\$ 29,900.00
02700.2424 SP	24" Sewer, CIPP Lining	LF	4,450	\$ 159.65	\$ 710,442.50	\$ 150.00	\$ 667,500.00
0270.2524 SP	24" Sewer Pre-liner	LF	250	\$ 5.86	\$ 1,465.00	\$ 8.00	\$ 2,000.00
02700.2610 SP	10" Lateral T-Liner	EA	1	\$ 46,137.50	\$ 46,137.50	\$ 5,000.00	\$ 5,000.00
02700.27 SP	Cast in Place Pipe End Seals	EA	42	\$ 329.55	\$ 13,841.10	\$ 175.00	\$ 7,350.00
02700.28 SP	Bench and Invert Reconstruct	EA	16	\$ 3,748.09	\$ 59,969.44	\$ 2,800.00	\$ 44,800.00
02700.2960 SP	Clean 60" Manhole for Rehab	VF	340	\$ 37.56	\$ 12,770.40	\$ 80.00	\$ 27,200.00
02700.3060 SP	Corrosion Resistant Lining on 60" Manhole	VF	340	\$ 578.36	\$ 196,642.40	\$ 350.00	\$ 119,000.00
02700.31 SP	Sanitary Sewer Tempoary Bypass	LS	1	\$ 495,165.44	\$ 495,165.44	\$ 350,000.00	\$ 350,000.00
SECTION 02805	STREET SIGNS, UTILITY POLES AND MAIBOXES						
02805.01	Install Sign	EA	5	\$ 512.64	\$ 2,563.20	\$ 200.00	\$ 1,000.00
02825.02	Removal of Sign	EA	5	\$ 46.23	\$ 231.15	\$ 50.00	\$ 250.00
SECTION 02895	GEOSYNTHETICS						
02895.01	Install Fabric (Separation)	SY	1,900	\$ 2.29	\$ 4,351.00	\$ 4.00	\$ 7,600.00
02895.02	Install Geogrid	SY	2,300	\$ 3.04	\$ 6,992.00	\$ 2.50	\$ 5,750.00
SECTION 02900	LANDSCAPING						
02900.07	Sodding	SF	1,700	\$ 1.64	\$ 2,788.00	\$ 2.50	\$ 4,250.00
02900.09	Hydroseeding	SF	4,000	\$ 0.70	\$ 2,800.00	\$ 0.25	\$ 1,000.00
02900.1601	Install Fence (Chainlink)	LF	20	\$ 73.23	\$ 1,464.60	\$ 20.00	\$ 400.00
02900.17 SP	Landscaping Rock Removal and Replacement	SF	700	\$ 2.93	\$ 2,051.00	\$ 10.00	\$ 7,000.00
SECTION 16000	ELECTRICAL						
16000.09	Install Electrical Pull Box	EA	2	\$ 2,197.03	\$ 4,394.06	\$ 500.00	\$ 1,000.00
16000.15	Remove Residential Streetlight	EA	1	\$ 366.17	\$ 366.17	\$ 1,500.00	\$ 1,500.00
16000.17	Install Residential Streetlight	EA	1	\$ 2,197.02	\$ 2,197.02	\$ 2,000.00	\$ 2,000.00
16000.20	Install Loop Detector (20' x 6')	EA	1	\$ 2,929.37	\$ 2,929.37	\$ 4,000.00	\$ 4,000.00
16000.21	Install Loop Lead-In Cable	LF	100	\$ 7.32	\$ 732.00	\$ 25.00	\$ 2,500.00
TOTAL OF BASE BID				\$ 5,079,783.82		\$ 3,582,760.00	

ADD ALTERNATE A							
BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	CONTRACT UNIT QUANTITY	DRM, Inc.		ENGINEERS EST.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
SECTION 01510	TRAFFIC CONTOL						
01510.02	Flagging	1/4 HR	120	\$ 13.00	\$ 1,560.00	\$ 9.00	\$ 1,080.00
SECTION 02050	REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS						
02050.02	Remove Existing Water Main	LF	370	\$ 12.53	\$ 4,636.10	\$ 8.00	\$ 2,960.00
02050.05	Remove Existing Fitting	EA	18	\$ 167.12	\$ 3,008.16	\$ 200.00	\$ 3,600.00
02050.07	Remove Fire Hydrant	EA	6	\$ 250.68	\$ 1,504.08	\$ 300.00	\$ 1,800.00
02050.08	Remove Valve	EA	20	\$ 167.18	\$ 3,343.60	\$ 200.00	\$ 4,000.00
SECTION 02075	DEMOLITION OF ASPHALT AND PORTLAND CEMENT CONCRETE						
02075.01	Removal of Existing Asphalt	SY	1,010	\$ 7.23	\$ 7,302.30	\$ 4.00	\$ 4,040.00
02075.02	Removal of Portland Cement Concrete Pavement	SY	50	\$ 8.83	\$ 441.50	\$ 5.50	\$ 275.00
02075.04	Removal of Sidewalk	SF	430	\$ 1.37	\$ 589.10	\$ 1.00	\$ 430.00
02075.05	Removal of Driveway	SF	260	\$ 2.93	\$ 761.80	\$ 1.50	\$ 390.00
02075.06	Removal of Curb and Gutter	LF	250	\$ 5.86	\$ 1,465.00	\$ 5.00	\$ 1,250.00
02075.10	Removal of Concrete Valley Gutter	SF	150	\$ 2.97	\$ 445.50	\$ 1.80	\$ 270.00
02075.13	Removal of Miscellanous Concrete	SF	130	\$ 5.34	\$ 694.20	\$ 4.00	\$ 520.00
SECTION 02210	EXCAVATION AND EMBANKMENT						
02210.01	Unclassified Excavation Above Subgrade	CY	290	\$ 6.17	\$ 1,789.30	\$ 10.00	\$ 2,900.00
02210.04	Surplus Material Disposal	CY	290	\$ 6.83	\$ 1,980.70	\$ 11.00	\$ 3,190.00
02210.0812	12" Subgrade Processing for Patch	SY	190	\$ 12.58	\$ 2,390.20	\$ 6.00	\$ 1,140.00
02210.0818	18" Subgrade Processing for Patch	SY	860	\$ 15.25	\$ 13,115.00	\$ 7.50	\$ 6,450.00
SECTION 02220	TRENCH EXCAVATION AND UTILITY LOCATES						
02220.02	Underground Facility Locates	EA	10	\$ 176.43	\$ 1,764.30	\$ 175.00	\$ 1,750.00
02220.03	Underground Facility Crossing	EA	10	\$ 501.35	\$ 5,013.50	\$ 600.00	\$ 6,000.00
SECTION 02225	TRENCH BACKFILL						
02225.02	Install Trench Foundation	TN	50	\$ 48.77	\$ 2,438.50	\$ 40.00	\$ 2,000.00
SECTION 02231	AGGREGATE SUB-BASE AND BASE COURSES						
02231.0106	6" Aggregate Base	SY	70	\$ 23.40	\$ 1,638.00	\$ 13.00	\$ 910.00
02231.0112	12" Aggregate Base	SY	810	\$ 41.50	\$ 33,615.00	\$ 26.00	\$ 21,060.00
SECTION 02512	PLANT MIX PAVEMENT						
02512.0207	7" Asphaltic Concrete Patch	SY	810	\$ 92.28	\$ 74,746.80	\$ 80.00	\$ 64,800.00
02512.0504 SP	4" Asphaltic Concrete Sidewalk	SY	190	\$ 58.59	\$ 11,132.10	\$ 40.00	\$ 7,600.00
SECTION 02520	PORTLAND CEMENT CONCRETE PAVEMENT						
02520.0207	7" Portland Cement Concrete Patch	SY	50	\$ 89.35	\$ 4,467.50	\$ 80.00	\$ 4,000.00
SECTION 02528	CONCRETE CURBS AND COMBINED CURBS AND GUTTERS						
02528.0230	Install Replacement 30" Curb and Gutter	LF	250	\$ 55.31	\$ 13,827.50	\$ 30.00	\$ 7,500.00
SECTION 02530	CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB RETURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION						

BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	CONTRACT UNIT QUANTITY	DRM, Inc.		ENGINEERS EST.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
02530.0104	Install Concrete Sidewalk (4')	SF	330	\$ 8.72	\$ 2,877.60	\$ 5.50	\$ 1,815.00
02530.0406	Install Concrete Driveway (6")	SF	260	\$ 9.60	\$ 2,496.00	\$ 6.50	\$ 1,690.00
02530.0608	Install Replacement Concrete Valley Gutter (8")	SF	150	\$ 12.15	\$ 1,822.50	\$ 8.00	\$ 1,200.00
02530.09	Install Splash Pan for Fire Hydrant	SF	120	\$ 11.16	\$ 1,339.20	\$ 8.00	\$ 960.00
02530.1105	Install Handicap Ramp and Landing (5")	SF	100	\$ 20.54	\$ 2,054.00	\$ 16.00	\$ 1,600.00
SECTION 02645	FIRE HYDRANTS						
02645.01	Install Fire Hydrant Assembly Complete	EA	6	\$ 5,327.73	\$ 31,966.38	\$ 4,200.00	\$ 25,200.00
SECTION 02665	WATER DISTRIBUTION AND TRANSMISSION SYSTEMS						
02665.0106	Install 6" Water Main (PVC)	LF	100	\$ 58.30	\$ 5,830.00	\$ 40.00	\$ 4,000.00
02665.0108	Install 8" Water Main (PVC)	LF	20	\$ 122.39	\$ 2,447.80	\$ 50.00	\$ 1,000.00
02665.0110	Install 10" Water Main (PVC)	LF	160	\$ 121.04	\$ 19,366.40	\$ 60.00	\$ 9,600.00
02665.0112	Install 12" Water Main (PVC)	LF	90	\$ 131.26	\$ 11,813.40	\$ 70.00	\$ 6,300.00
02665.031006	Install 10" x 6" Tee	EA	7	\$ 1,950.15	\$ 13,651.05	\$ 900.00	\$ 6,300.00
02665.031008	Install 10" x 8" Tee	EA	2	\$ 2,019.59	\$ 4,039.18	\$ 1,000.00	\$ 2,000.00
02665.031206	Install 12" x 6" Tee	EA	7	\$ 2,020.08	\$ 14,140.56	\$ 1,100.00	\$ 7,700.00
02665.031210	Install 12" x 10" Tee	EA	1	\$ 2,264.80	\$ 2,264.80	\$ 1,200.00	\$ 1,200.00
02665.031212	Install 12" x 12" Tee	EA	1	\$ 2,289.17	\$ 2,289.17	\$ 1,300.00	\$ 1,300.00
02665.1106	Install 6" Gate Valve	EA	13	\$ 2,729.16	\$ 35,479.08	\$ 1,200.00	\$ 15,600.00
02665.1108	Install 8" Gate Valve	EA	2	\$ 3,338.66	\$ 6,677.32	\$ 1,500.00	\$ 3,000.00
02665.1110	Install 10" Gate Valve	EA	7	\$ 4,356.68	\$ 30,496.76	\$ 2,000.00	\$ 14,000.00
02665.1112	Install 12" Gate Valve	EA	9	\$ 4,935.32	\$ 44,417.88	\$ 2,800.00	\$ 25,200.00
02665.18	Connect to Existing Water Main	EA	20	\$ 2,520.64	\$ 50,412.80	\$ 1,100.00	\$ 22,000.00
SECTION 02895	GEOSYNTHETICS						
02895.01	Install Fabric (Separation)	SY	900	\$ 2.09	\$ 1,881.00	\$ 5.00	\$ 4,500.00
SECTION 02900	LANDSCAPING						
02900.09	Hydroseeding	SF	300	\$ 1.22	\$ 366.00	\$ 0.25	\$ 75.00
02900.17 SP	Landscaping Rock Removal and Replacement	SF	270	\$ 2.93	\$ 791.10	\$ 10.00	\$ 2,700.00
TOTAL OF ADD ALTERNATE A				\$ 482,589.72			\$ 308,855.00

ADD ALTERNATE B							
BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	CONTRACT UNIT QUANTITY	DRM, Inc.		ENGINEERS EST.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
SECTION 01510	TRAFFIC CONTOL						
01510.02	Flagging	1/4 HR	64	\$ 13.00	\$ 832.00	\$ 9.00	\$ 576.00
SECTION 02050	REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS						
02050.02	Remove Existing Water Main	LF	30	\$ 12.53	\$ 375.90	\$ 8.00	\$ 240.00
02050.05	Remove Existing Fitting	EA	1	\$ 331.78	\$ 331.78	\$ 200.00	\$ 200.00
02050.07	Remove Fire Hydrant	EA	1	\$ 250.68	\$ 250.68	\$ 300.00	\$ 300.00
02050.08	Remove Valve	EA	1	\$ 165.89	\$ 165.89	\$ 200.00	\$ 200.00
SECTION 02075	DEMOLITION OF ASPHALT AND PORTLAND CEMENT CONCRETE						
02075.01	Removal of Existing Asphalt	SY	320	\$ 1.38	\$ 441.60	\$ 4.00	\$ 1,280.00
02075.04	Removal of Sidewalk	SF	170	\$ 1.38	\$ 234.60	\$ 1.00	\$ 170.00
02075.05	Removal of Driveway	SF	240	\$ 2.93	\$ 703.20	\$ 1.50	\$ 360.00
02075.06	Removal of Curb and Gutter	LF	90	\$ 5.86	\$ 527.40	\$ 5.00	\$ 450.00
02075.09	Removal of Concrete Fillet	SF	170	\$ 2.97	\$ 504.90	\$ 2.00	\$ 340.00
02075.10	Removal of Concrete Valley Gutter	SF	100	\$ 2.98	\$ 298.00	\$ 1.80	\$ 180.00
SECTION 02210	EXCAVATION AND EMBANKMENT						
02210.01	Unclassified Excavation Above Subgrade	CY	70	\$ 6.17	\$ 431.90	\$ 10.00	\$ 700.00
02210.04	Surplus Material Disposal	CY	70	\$ 6.83	\$ 478.10	\$ 11.00	\$ 770.00
02210.0818	18" Subgrade Processing for Patch	SY	310	\$ 16.19	\$ 5,018.90	\$ 7.50	\$ 2,325.00
SECTION 02220	TRENCH EXCAVATION AND UTILITY LOCATES						
02220.02	Underground Facility Locates	EA	1	\$ 603.55	\$ 603.55	\$ 175.00	\$ 175.00
02220.03	Underground Facility Crossing	EA	5	\$ 501.36	\$ 2,506.80	\$ 600.00	\$ 3,000.00
SECTION 02225	TRENCH BACKFILL						
02225.02	Install Trench Foundation	TN	10	\$ 51.68	\$ 516.80	\$ 40.00	\$ 400.00
SECTION 02231	AGGREGATE SUB-BASE AND BASE COURSES						
02231.0106	6" Aggregate Base	SY	180	\$ 23.32	\$ 4,197.60	\$ 12.00	\$ 2,160.00
02231.0118	12" Aggregate Base	SY	150	\$ 41.50	\$ 6,225.00	\$ 26.00	\$ 3,900.00
SECTION 02512	PLANT MIX PAVEMENT						
02512.0106	6" Asphaltic Concrete Paving	SY	130	\$ 84.95	\$ 11,043.50	\$ 48.00	\$ 6,240.00
02512.0207	7" Asphaltic Concrete Patch	SY	130	\$ 98.13	\$ 12,756.90	\$ 80.00	\$ 10,400.00
SECTION 02528	CONCRETE CURBS AND COMBINED CURBS AND GUTTERS						
02528.0230	Install Replacement 30" Curb and Gutter	LF	90	\$ 55.31	\$ 4,977.90	\$ 30.00	\$ 2,700.00
SECTION 02530	CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB RETURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION						
02530.0104	Install Concrete Sidewalk (4')	SF	170	\$ 8.72	\$ 1,482.40	\$ 5.50	\$ 935.00
02530.0406	Install Concrete Driveway (6")	SF	240	\$ 9.60	\$ 2,304.00	\$ 1.50	\$ 360.00
02530.0608	Install Replacement Concrete Valley Gutter (8")	SF	100	\$ 12.81	\$ 1,281.00	\$ 8.00	\$ 800.00
02530.0808	Install Replacement Curb Return Fillet (8")	SF	170	\$ 15.36	\$ 2,611.20	\$ 10.00	\$ 1,700.00
02530.09	Install Splash Pan for Fire Hydrant	SF	20	\$ 11.07	\$ 221.40	\$ 8.00	\$ 160.00
02530.1105	Install Handicap Ramp and Landing (5")	SF	100	\$ 20.54	\$ 2,054.00	\$ 16.00	\$ 1,600.00
SECTION 02645	FIRE HYDRANTS						
02645.01	Install Fire Hydrant Assembly Complete	EA	1	\$ 5,327.71	\$ 5,327.71	\$ 4,200.00	\$ 4,200.00
SECTION 02665	WATER DISTRIBUTION AND TRANSMISSION SYSTEMS						
02665.0106	Install 6" Water Main (PVC)	LF	10	\$ 113.51	\$ 1,135.10	\$ 40.00	\$ 400.00
02665.0108	Install 8" Water Main (PVC)	LF	140	\$ 63.63	\$ 8,908.20	\$ 50.00	\$ 7,000.00
02665.0112	Install 12" Water Main (PVC)	LF	20	\$ 132.79	\$ 2,655.80	\$ 70.00	\$ 1,400.00
02665.031208	Install 12" x 8" Tee	EA	2	\$ 1,690.08	\$ 3,380.16	\$ 1,000.00	\$ 2,000.00
02665.051206	Install 12" x 6" Reducer	EA	1	\$ 1,491.52	\$ 1,491.52	\$ 600.00	\$ 600.00
02665.0908	Install 8" x 90º Elbow	EA	1	\$ 1,440.49	\$ 1,440.49	\$ 500.00	\$ 500.00
02665.1106	Install 6" Gate Valve	EA	1	\$ 2,639.93	\$ 2,639.93	\$ 1,200.00	\$ 1,200.00
02665.1108	Install 8" Gate Valve	EA	1	\$ 3,406.59	\$ 3,406.59	\$ 1,500.00	\$ 1,500.00
02665.1112	Install 12" Gate Valve	EA	2	\$ 4,830.39	\$ 9,660.78	\$ 2,800.00	\$ 5,600.00
02665.18	Connect to Existing Water Main	EA	2	\$ 2,078.89	\$ 4,157.78	\$ 1,100.00	\$ 2,200.00
SECTION 02895	GEOSYNTHETICS						
02895.01	Install Fabric (Separation)	SY	200	\$ 3.42	\$ 684.00	\$ 5.00	\$ 1,000.00
TOTAL OF ADD ALTERNATE B				\$ 108,264.96			\$ 70,221.00