

RIVERSTONE, UNITS F4 F5 F6 & F7

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>STREET IMPROVEMENTS</u>					
1.	Clearing	AC	17.11		\$
2.	Excavation	CY	36,943		\$
3.	Embankment	CY	4,974		\$
4.	Local Type "A"				
	a. 2.0" Type "D" HMAC	SY	26,371		\$
	b. 10.0" Crushed Limestone	SY	26,371		\$
5.	Local Type "B"				
	a. 3.0" Type "D" HMAC	SY	3,090		\$
	b. 19.0" Crushed Limestone	SY	3,090		\$
6.	Collector				
	Section 1				
	a. 3.00" Type "D" HMAC	SY	18,025		\$
	b. 21.50" Crushed Limestone	SY	18,025		\$
	Section 2 - Modified Pavement Section				
	a. 3.0" Type "D" HMAC	SY	1,564		\$
	b. 9.0" Crushed Limestone	SY	1,564		\$
7.	Temporary Access Road				
	a. 8" Crushed Limestone	SY	3,040		\$
	b. 2" Type "D" HMAC	SY	3,040		\$
8.	7" Standard Concrete Curb	LF	23,054		\$
9.	4' Sidewalk	SY	8889		\$
10.	6' Sidewalk	SY	453		\$
11.	10' Sidewalk	SY	4142		\$
12.	Barricade Post	EA	24		\$
13.	Header Curb	LF	120		\$
14.	Remove Header Curb & Barricade Posts	EA	2		\$
15.	Signage	LS	1		\$
16.	Striping	LS	1		\$
17.	TPDES	LS	1		\$
				SUBTOTAL	\$

1. Embankment does not include a soils shrinkage factor.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>DRAINAGE IMPROVEMENTS</u>					
1.	Clearing	AC	10.36		\$
2.	Drainage Excavation	CY	37,494.69		\$
3.	Drainage Embankment	CY	6,002.38		\$
4.	24" RCP	LF	476.67		\$
5.	30" RCP	LF	40.34		\$
6.	36" RCP	LF	594.35		\$
7.	24" HDPE	LF	255.66		\$
8.	30" HDPE	LF	186.83		\$
9.	36" HDPE	LF	60.00		\$
10.	3'X3' SBC	CY	215.76		\$
11.	4'X3' SBC	CY	84.00		\$
12.	6'X3' SBC	CY	25.21		\$
13.	8'X3' SBC	CY	147.74		\$
14.	Reinforced Concrete Class 'A'				
	a. Curb Inlet	CY	144.43		\$
	b. Headwall	EA	1.00		\$
	c. Sidewalk Box	CY	16.73		\$
	d. Baffle Blocks	CY	1.78		\$
15.	4'x4' Junction Box	EA	1.00		\$
17.	5'x5' Junction Box	EA	7.00		\$
16.	6'x6' Junction Box	EA	2.00		\$
18.	7'x7' Junction Box	EA	1.00		\$
17.	8'x8' Junction Box	EA	1.00		\$
19.	10'x10' Junction Box	EA	1.00		\$
20.	6" Concrete Rip-Rap	SY	1,157.33		\$
21.	9"-12" Rock Rubble	SY	124.50		\$
22.	Pipe Railing	LF	43.10		\$
23.	Channel Revegetation (Hydromulching)	SY	39,458.62		\$
24.	4" Top Soil	SY	39,458.62		\$
25.	Trench Excavation Protecton	LF	2,793.08		\$
26.	Remove Existing Drainage Structure	LS	1.00		\$
				SUBTOTAL	\$

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
WATER IMPROVEMENTS					
1.	8" PVC (DR 18) Pipe Class 235	LF	8985		\$
2.	12" PVC (DR 18) Pipe Class 235	LF	4466		\$
3.	8" Gate Valve, MJ w/ 6" Valve Box	EA	24		\$
4.	12" Gate Valve, MJ w/ 6" Valve Box	EA	13		\$
5.	Standard Fire Hydrant Assembly	EA	20		\$
6.	Ductile Iron Fittings	Ton	14.29		\$
7.	2" Temporary Blow-Off Assembly	EA	2		\$
8.	2" Permanent Blow-Off Assembly	EA	4		\$
9.	¾" Single Service (Short) with 5/8" Meter	EA	162		\$
10.	¾" Single Service (Long) with 5/8" Meter	EA	121		\$
11.	1 1/2" Irrigation Service w/ 1 1/2" Meter	EA	1		\$
12.	Joint Restraints	LS	1		\$
13.	Tie Into Existing Water Main	EA	2		\$
14.	Hydrostatic Testing	LS	15		\$
15.	Trench Excavation Protection	LF	13452		\$
15	Cast Iron Meter Box	EA	284		\$
				SUBTOTAL	\$

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
SANITARY SEWER IMPROVEMENTS					
1.	8" Sanitary Sewer Pipe (SDR 26)				
	a. (0' - 6')	LF	39.56		\$
	b. (6' - 8')	LF	3,911.64		\$
	c. (8' - 10')	LF	2,284.70		\$
	d. (10' - 12')	LF	2,877.22		\$
	e. (12' - 14')	LF	666.50		\$
	f. (14' - 16')	LF	493.35		\$
	g. (16' +)	LF	138.13		\$
2.	15" Sanitary Sewer Pipe (SDR 26)				
	c. (8' - 10')	LF	442.12		\$
	d. (10' - 12')	LF	142.39		\$
	e. (12' - 14')	LF	85.11		\$
	f. (14' - 16')	LF	141.83		\$
	g. (16' +)	LF	116.81		\$
3.	Standard Manhole	EA	47		\$
4.	Manhole Extra Depth	VF	159.69		\$
5.	Manhole Ring Encasement	EA	10		\$
6.	Tie Into Existing Sewer Main	EA	1		\$
7.	8" x 6" Wye	EA	271		\$
8.	6" Sanitary Sewer Lateral (SDR-26)	LF	10,313		\$
9.	Vertical Stacks	VF	182.6		\$
10.	6" Sanitary Sewer Cleanout	EA	282		\$
11.	Trench Excavation Protection	LF	21,652.36		\$
12.	Camera Testing	LF	11,339.36		\$
				SUBTOTAL	\$

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>DETENTION POND IMPROVEMENTS</u>					
1.	Excavation	CY	36,230		\$
2.	Embankment	CY	4,709		\$
3.	30" HDPE	LF	120		\$
4.	36" HDPE	LF	60		\$
5.	9"-12" Rock Rubble	SY	39		\$
6.	6" Concrete Rip-Rap	SY	483		\$
				SUBTOTAL	\$

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>LIFT STATION, FORCE MAIN, AND GRAVITY MAIN CONSTRUCTION</u>					
1.	Wetwell (Complete)	LS	1		\$
2.	Pumps and Accessories	EA	2		\$
3.	Wetwell Aeration (Incl. Blower, Aerators, Piping, Fittings, Complete)	LS	1		\$
4.	4-inch & 6-inch DI Lift Station Wetwell Site Piping, Fittings, Pipe Supports, Valves, Freeze Protection, and Accessories	LS	1		\$
5.	Concrete foundations and slabs, (Wetwell, Generator, Control Panel, SCADA Tower, Light Poles) and Sidewalk	LS	1		\$
6.	3/4" Water Service (Incl. Connection, Meter, Piping, Spigot/Hose Bib, Fittings, 3/4" Isolation Valve, Freeze Protection, Complete)	LS	1		\$
7.	Electrical, Instrumentation & Controls (Incl. Generator, SCADA, Lighting, Canopy, etc.)	LS	1		\$
8.	Security Fencing (Incl. Mow Strip)	LF	510		\$
9.	16-ft Double Swing Gate & 3-ft Pedestrian Gate	LS	1		\$
10.	2" Asphalt Pavement, 8" Compacted Base	SY	1,500		\$
11.	Reinforced Concrete Driveway Apron	LS	1		\$
12.	Lift Station and Force Main Testing	LS	1		\$
13.	Trench Protection (Wetwell)	LS	1		\$
14.	6-inch DR 13.5 HDPE (DIPS) Force Main (Open Cut, All Depths)	LF	1,828		\$
15.	8-inch PVC (SDR 26) Gravity Main (Open Cut, All Depths, Includes Testing)	LF	209		\$
16.	10-inch PVC (SDR 26) Gravity Main (Open Cut, All Depths, Includes Testing)	LF	26		\$
17.	Tie 8-inch Gravity Main to Existing MH	LS	2		\$
18.	Tie Force Main to Existing Manhole (Incl. drop piping at manhole)	LS	1		\$
19.	Manhole LS-1	LS	1		\$
20.	Extra Depth Manhole LS-1	VF	9		\$
21.	Trench Protection (Gravity Main & Force Main)	LF	2,063		\$
22.	Sedimentation and Erosion Control (Lift Station, Gravity Main, and Force Main Installation)	LF	2,063		\$
23.	Revegetation (Lift Station Lot Only)	SY	425		\$
24.	Mobilization	LS	1		\$
25.	Preparation of Right-of-Way	LS	1		\$
26.	Construction Staking	LS	1		\$
				SUBTOTAL	\$