

DATE				
BY				
REFERENCES NOTED				
REFERENCES CHECKED				

REINFORCED CRUSHED ROCK BASE			
STATION	CRUSHED ROCK BASE (200 mm) (m ²)	GEOGRID REINFORCE- MENT (FOR BASE) (m ²)	REMARKS
0+885.2 – 0+982.9	196.36	196.36	
1+009.5 – 1+550	12,427.93	12,427.93	
1+550 – 2+100	10,339.38	10,339.38	
2+100 – 2+614.3	9,696.89	9,696.89	
4+905.7 – 4+972.2	286.24	286.24	
PROJECT TOTAL	32,946.80	32,946.80	

AC. PAVEMENT (BM-2)				
STATION	A.C. WEARING SURFACE (50 mm) (m ²)	A.C. BIT. BASE (PG 70-28) (125 mm) (m ²)	A.C. BIT. BASE (PG 70-28) (200 mm) (m ²)	REMARKS
29TH. ST.				
0+885.2 – 0+985.9	1,020.79	112.10		OVERLAY
1+009.5 – 1+550	10,619.13	10,619.13		
1+550 – 2+100	8,104.00	8,104.00		
2+100 – 2+614.3	7,685.29	7,685.29		
1+129.5			70.56	CHURCH ENTRANCE
1+180.7			27.23	WALMART ENTRANCE
1+388.6			40.83	CHURCH ENTRANCE
1+428.5	16.45			PENSTEMON
1+928.1	15.31			WILDERNESS
2+214.6	16.42			CYPRESS
2+225.7			23.65	CHURCH ENTRANCE
2+282.6			42.20	DRIVE ENTRANCE
2+426.7	15.39			FOX POINTE CIR.
2+444.2			22.06	DRIVE ENTRANCE
2+503.2			19.82	DRIVE ENTRANCE
ROCK RD.				
4+905.7 – 4+972.2	235.20	215.23		
PROJECT TOTAL	27,727.98	26,735.75	246.35	

REMOVAL OF EXISTING STRUCTURES *		
(FOR INFORMATION ONLY)		
STATION	OFFSET	DESCRIPTION
29th. St.		
0+983.0	18.2 RT.	Traffic Signal Pole
0+988.3	15.6 LT.	Traffic Signal Pole
1+014.3	17.7 LT.	Traffic Signal Pole and Footing
1+020.2	14.1 RT.	Traffic Signal Pole and Footing
1+026.2	2.2 RT.	Service Box
1+027.1	17.3 LT.	Signal Controller and Foundation
1+027.1	17.3 LT.	Signal Controller and Foundation
1+412.9	9.9 LT.	Curb Inlet
1+643.4	7.3 RT.	Curb Inlet, 3.9 m of 375 mm RCP
1+643.5	3.7 LT.	Curb Inlet, Drop Inlet, 6.1 m of 375 mm RCP
1+838.1	6.7 RT.	Curb Inlet, 5.5 m of 375 mm RCP
1+838.3	4.4 LT.	Curb Inlet, 7.5 m of 375 mm RCP
2+241.5	16.5 LT.	11.5 m of 2-150 mm PVC w/Curb Castings
2+334.3	17.6 LT.	15.2 m of 2-150 mm PVC w/Curb Castings
2+455.7	3.5 LT.	Curb Inlet, 55.7 m of 450 mm RCP
2+507.6	2.4 LT.	Curb Inlet, 12.7 m of 2-0.15 m ² RCPHE
2+507.2	11.1 RT.	Drop Inlet, 43.3 m of 0.45 m ² RCPHE
2+552.1	10.9 RT.	Manhole, 43.4 m of 0.45 m ² RCPHE
2+596.1	7.7 RT.	Curb Inlet, 13.1 m of 2-0.30 m ² RCPHE & 13.5 m of 0.45 m ² RCPHE
2+596.1	7.1 LT.	Curb Inlet, 11.2 m of 375 mm RCP
Rock Rd.		
4+943.1	11.4 RT.	Curb Inlet

* THE LISTING MAY NOT BE COMPLETE. PAYMENT FOR STRUCTURES OR OBSTRUCTIONS NOT LISTED BUT WHOSE REMOVAL IS REQUIRED BY THE CONSTRUCTION, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID ITEM " REMOVAL OF EXISTING STRUCTURES".

SURVEY MONUMENT (INSTALL ONLY)			
STATION	SIDE	QUANTITY EACH	REMARKS
1+810.139	RT.	1	N1/4 Cor. Sec. 5, T27S, R2E
PROJECT TOTAL		1	

EARTHWORK				
STATION TO STATION	COMMON EXCAVATION (m ³)	COMPACTED FILL (TYPE B) (MR-90) (m ³)	ROCK EXCAVATION (m ³) *	REMARKS
29th. St.	12,176.1	0.8	1,191.1	5,051.3
Rock Rd.	169.5	0.8	6.7	16.9
PROJECT TOTAL	12,345.6		1,197.8	5,068.2

* Rock Excavation includes Pavement, Sidewalk and Drive Removal. Rock Excavation is paid as "Pavement Removal", "Sidewalk Removal" and "Drive Removal".

CURB AND GUTTER, COMBINED (AE)					
Station to Station	Side	Type I (m)	Type II (m)	Type III (m)	Monolithic Edge Curb (m)
29th. Street					
0+885.15 – 0+982.99	Lt.			102.74	
1+012.09 – 1+069.67	Lt.	67.83			
1+011.58 – 1+120.39	Rt.	115.49			
1+018.22 – 1+167.92	C/L			299.06	
1+069.67 – 1+088.60	Lt.		19.15		
1+088.60 – 1+167.55	Lt.	78.94			
1+120.39 – 1+138.44	Rt.		18.06		
1+125.11	Rt.	6.33			
1+133.81 – 1+141.11	Rt.	8.93			
11+138.44 – 1+219.82	Rt.	82.03			
1+167.55 – 1+173.67	Lt.			9.72	
1+173.67	Lt.	2.50			
1+180.81 – 1+182.03	Lt.			3.21	
1+180.81	Lt.		2.50		
1+182.03	Lt.		2.50		
1+187.73	Lt.	2.50			
1+187.73 – 1+196.88	Lt.			14.37	
1+196.88 – 1+245.46	Lt.	48.07			
1+219.82 – 1+241.38	Rt.		21.56		
1+241.38 – 1+282.05	Rt.	40.67			
1+245.46 – 1+258.46	Lt.		13.00		
1+258.46 – 1+308.26	Lt.	50.28			
1+282.05 – 1+303.42	Rt.		20.89		
1+303.42 – 1+377.91	Rt.	74.68			
1+308.26 – 1+346.47	Lt.		38.22		
1+346.47 – 1+414.61	Lt.	68.13			
1+377.91 – 1+398.99	Rt.		21.08		
1+398.99 – 1+437.62	Rt.	38.45			
1+414.61 – 1+422.40	Lt.			12.55	
1+434.61 – 1+440.56	Lt.			8.19	
1+437.62 – 1+455.42	Rt.		17.80		
1+440.56 – 1+787.56	Lt.	347.32			
1+440.24 – 1+752.76	C/L		625.44		
1+455.42 – 1+913.65	Rt.	458.23			
1+787.56 – 1+796.71	Lt.			14.41	
1+804.09 – 1+807.69	Lt.			9.92	
1+812.27 – 1+821.42	Lt.			14.38	
1+817.90 – 1+918.31	C/L		201.24		
1+821.42 – 2+198.77	Lt.	377.66			
1+913.65 – 1+922.80	Rt.			16.27	
1+928.27 – 1+934.37	Rt.			9.59	
1+941.08 – 1+950.23	Rt.			16.27	
1+950.23 – 2+217.45	Rt.	266.90			
1+985.61 – 2+164.95	C/L		359.04		
2+198.77 – 2+207.89	Lt.			15.48	
2+217.45 – 2+233.87	Rt.		16.53		
2+220.04 – 2+229.24	Lt.			15.89	
2+229.24 – 2+273.76	Lt.	44.20			
2+233.87 – 2+308.38	Rt.	74.72			
2+273.76 – 2+291.48	Lt.		17.72		
2+278.98	Lt.	6.52			
2+286.25	Lt.	6.62			
2+291.48 – 2+377.83	Lt.				
2+377.83 – 2+394.96	Lt.		17.31		
2+394.96 – 2+433.62	Lt.	40.29			
2+308.38 – 2+326.83	Rt.		18.45		
2+326.83 – 2+408.44	Rt.	80.83			
2+327.42 – 2+370.05	C/L		87.82		
2+408.44 – 2+419.87	Rt.			20.17	
2+425.60 – 2+428.87	Rt.			8.89	
2+433.62 – 2+455.12	Lt.		21.58		
2+436.57 – 2+445.06	Rt.			18.21	
2+444.2	Lt.	5.54			
2+445.06 – 2+493.09	Rt.	48.02			
2+455.12 – 2+598.57	Lt.	141.81			
2+493.09 – 2+513.168	Rt.		20.08		
2+513.168 – 2+598.57	Rt.	87.05			
2+598.57 – 2+613.73	Lt.			23.72	
2+598.57 – 2+613.72	Rt.			23.57	
Rock Road					
4+905.57 – 4+972.24	Rt.	67.64			
TOTAL		2,824.53	281.43	1,680.34	254.81

GEOBLOCK			
STATION	SIDE	(GB-132) m	REMARKS
29TH. STREET			
1+252.0	LT.	66.1	Emergency Access
PROJECT TOTAL		66.1	

MANHOLE ADJUSTMENT (SAN. SEW.)			
Station	Offset m	Elevation Existing	Proposed
1+794.7	3.3 Lt.	65.406	65.477

MANHOLE ADJUSTMENT (SAN. SEW.)			
(NON-PARTICIPATING)			
Station	Offset m	Elevation Existing	Proposed
1+794.8	15.6 Lt.	Buried	65.838

SIDEWALK CONSTRUCTION (AE)				
LOCATION		100 mm (m ²)	200 mm (m ²)	REMARKS
STATION TO STATION	SIDE			
29th. Street				
1+015.7 – 1+075.7	LT	94.09		Excludes 1 wheelchair ramp.
1+017.1 – 1+027.3	RT	15.44		Excludes 1 wheelchair ramp.
1+082.6 – 1+170.2	LT	132.34		Excludes 1 wheelchair ramp.
1+120.0 – 1+125.0	RT	7.51		
1+134.0 – 1+145.0	RT	16.63		
1+190.3 – 1+245.7	LT	81.96		Excludes 1 wheelchair ramp.
1+245.7 – 1+258.7	LT		19.48	
1+258.7 – 1+313.5	LT	83.23		
1+223.3 – 1+225.7	RT	3.67		
1+235.2 – 1+237.5	RT	3.45		
1+322.7 – 1+332.1	LT	14.21		
1+341.2 – 1+418.3	LT	115.60		Excludes 1 wheelchair ramp.
1+435.1 – 1+443.2	RT	12.05		
1+438.0 – 1+792.0	LT	531.87		Excludes 2 wheelchair ramp.
1+449.9 – 1+452.9	RT	4.45		
1+647.7 – 1+919.2	RT	407.42		Excludes 1 wheelchair ramp.
1+816.6 – 2+201.4	LT	579.46		Excludes 2 wheelchair ramp.
2+010.0 – 2+030.0	RT	30.18		
2+215.5 – 2+222.0	RT	9.73		
2+229.7 – 2+236.9	RT	11.28		
2+311.3 – 2+313.7	RT	3.52		
2+321.5 – 2+331.6	RT	15.76		
2+409.2 – 2+414.0	RT	6.78		Excludes 1 wheelchair ramp.
2+441.5 – 2+450.3	RT	12.93		Excludes 1 wheelchair ramp.
2+487.2 – 2+499.0	RT	18.30		
2+507.2 – 2+608.5	RT	149.37		
Rock Road				
4+941.4 – 4+944.4	RT	3.60		
4+968.6 – 4+969.7	RT	2.08		
Penstemon				
5+013.5 – 5+017.7	LT	4.98		
5+016.6 – 5+017.7	RT	1.24		
Cypress				
5+014.8 – 5+020.0	RT	6.25		
PROJECT TOTAL		2,379.65	19.48	

BIKEPATH CONSTRUCTION (AE)			
LOCATION		100 mm (m ²)	REMARKS
STATION TO STATION	SIDE		
29th. Street			
2+226.5 – 2+278.8	LT	155.66	Excludes 1 wheelchair ramp.
2+286.4 – 2+382.9	LT	289.49	
2+390.2 – 2+439.4	LT	156.89	
2+449.2 – 2+605.5	LT	461.85	Excludes 1 wheelchair ramp.
2+603.4 – 2+607.4	RT	29.91	Excludes 1 wheelchair ramp.
Cypress			
5+014.8 – 5+020.0	LT	12.46	
PROJECT TOTAL		1,106.26	

CONCRETE PAVEMENT (AE)		
STATION	SIDE	200 mm (AE) (REINF.) (m ²)
1+079.0	LT	68.35
1+129.5	RT	38.44
1+230.5	RT	104.43
1+292.8	RT	71.85
1+318.1	LT	51.31
1+336.7	LT	50.94
1+388.6	RT	71.81
1+446.5	RT	46.56
2+225.7	RT	32.30
2+282.6	LT	52.22
2+317.6	RT	46.87
2+386.6	LT	51.10
2+444.2	LT	91.91
2+503.2	RT	70.09
PROJECT TOTAL		848.18

REINFORCED CONCRETE VALLEY GUTTER			
STATION	SIDE	200 mm UNIFORM (AE) (m ²)	REMARKS
29TH. STREET			
1+180.7	LT	149.88	Wal-Mart Entrance
1+428.5	LT	114.35	Penstemon
1+804.3	LT	190.00	Lot 15, Mediterranean Plaza
1+928.1	RT	251.52	Wilderness
2+214.6	LT	186.17	Cypress
2+426.7	RT	274.61	Fox Pointe Cir.
WEBB ROAD			
4+969.5	LT	357.11	29th. St.
PROJECT TOTAL		1,523.64	

VALVE ADJUSTMENT (WATER)			
Station	Offset m	Elevation Existing	Proposed
1+008.6	19.5 Rt.	65.543	65.556
1+011.1	19.4 Rt.	65.786	65.557
2+224.4	10.2 Rt.	68.053	67.901
2+412.7	10.1 Rt.	68.265	68.243
2+593.8	11.1 Lt.	67.771	67.725

VALVE ADJUSTMENT (WATER)			
(NON-PARTICIPATING)			
Station	Offset m	Elevation	
		Existing	Proposed
1+155.0	15.2 Rt.	69.484	69.261
1+191.3	15.3 Rt.	70.636	70.483
1+788.6	11.9 Rt.	65.276	65.495
1+944.0	13.7 Rt.	65.896	65.815
2+493.3	5.8 Lt.	67.850	67.555
2+498.4	8.0 Lt.	67.744	67.631