

CURB AND GUTTER (COMBINED) (AE)

STA. TO STA. (BASELINE)	ROADWAY	SIDE	LENGTH (ft.)	REMARKS	
TYPE I (6")					
7+86.65	9+19.25	29th Street	Lt.	144.60	Includes Concrete Flume
7+86.65	9+15.16	29th Street	Rt.	140.51	Includes Concrete Flume
10+84.97	28+60.21	29th Street	Lt.	1775.27	
10+84.97	34+46.93	29th Street	Rt.	2366.40	
29+90.12	62+39.15	29th Street	Lt.	3249.79	
35+31.08	40+65.66	29th Street	Rt.	534.80	
41+96.63	62+36.90	29th Street	Rt.	2040.27	
TOTALS					
TYPE III (8")					
7+94.65	9+22.27	29th Street	Lt.	127.62	
7+94.65	9+22.27	29th Street	Rt.	127.62	
10+80.13	13+76.33	29th Street	Lt.	297.11	
10+80.13	13+76.33	29th Street	Rt.	296.22	
21+06.00	26+42.00	29th Street	Lt.	534.00	
21+06.00	26+42.00	29th Street	Rt.	534.00	
30+83.00	33+67.00	29th Street	Lt.	284.00	
30+83.00	33+67.00	29th Street	Rt.	284.00	
37+18.82	38+53.96	29th Street	Lt.	135.13	
37+18.82	38+53.96	29th Street	Rt.	135.13	
44+08.00	44+92.00	29th Street	Lt.	84.00	
44+08.00	44+92.00	29th Street	Rt.	84.00	
47+08.00	69+67.00	29th Street	Lt.	259.00	
47+08.00	69+67.00	29th Street	Rt.	259.00	
51+73.20	54+07.20	29th Street	Lt.	234.00	
51+73.20	54+07.20	29th Street	Rt.	234.00	
59+62.45	62+40.28	29th Street	Lt.	277.87	
59+62.45	62+40.28	29th Street	Rt.	278.75	
13+02.48	14+24.03	119th Street	Lt.	121.55	
13+02.48	14+24.03	119th Street	Rt.	121.55	
15+72.86	16+99.13	119th Street	Lt.	126.27	
15+72.86	16+99.13	119th Street	Rt.	126.27	
TOTALS					

REINFORCED CONCRETE PAVEMENT (CLASS A) (AE)

STATION	ROADWAY	SIDE	TYPE	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS
10+00.00	29th Street	--	Intersection	2417.65	9"	Intersection @ 119th
62+82.52	29th Street	--	Intersection	530.01	9"	West Approach @ Maize
63+54.01	29th Street	--	Intersection	339.72	9"	East Approach @ Maize
TOTALS				3287.38	9"	
STATION	ROADWAY	SIDE	DESCRIPTION	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS
34+89.59	29th Street	Rt.	Valley Gutter	127.74	8"	Cardington
41+28.71	29th Street	Rt.	Valley Gutter	274.68	8"	Parkdale
29+25.16	29th Street	Lt.	Entrance	344.51	8"	Covington
TOTALS				746.93	8"	
STATION	ROADWAY	SIDE	DESCRIPTION	AREA (Sq. Feet.)	THICKNESS (in.)	REMARKS
20+42.81	29th Street	Lt.	Drive	782.64	8"	Measured Quantity
34+86.41	29th Street	Rt.	Drive	1020.13	8"	Measured Quantity
46+16.07	29th Street	Lt.	Drive	994.50	8"	Measured Quantity
50+69.20	29th Street	Lt.	Drive	1089.36	8"	Measured Quantity
TOTALS				3886.63	8"	

PAVING BRICK*

STA. TO STA. (BASELINE)	ROADWAY	LOCATION	AREA (Sq. Yds.)	SIZE (in.)	Pattern
7+94.65	9+22.27	29th Street	28.36	2 1/4"	Appian Stone (Red)
10+78.14	12+50.00	29th Street	38.63	2 1/4"	Appian Stone (Red)
59+62.45	61+00.00	29th Street	33.48	2 1/4"	Appian Stone (Red)
13+02.48	14+24.04	119th Street	26.89	2 1/4"	Appian Stone (Red)
15+72.86	16+99.13	119th Street	28.07	2 1/4"	Appian Stone (Red)
TOTALS			155.43	2 1/4"	Appian Stone (Red)
Intersection of 29th & 119th			Crosswalks	328.74	3 1/4" Plaza-Stone (Plaza I) (Red)
Intersection of 29th & Maize			Crosswalk	80.04	3 1/4" Plaza-Stone (Plaza I) (Red)
TOTALS			408.78	3 1/4"	Plaza-Stone (Plaza I) (Red)

*Includes Sand Base

REMOVAL OF EXISTING DRIVES

STATION (BASELINE)	ROADWAY	SIDE	AREA (Sq. feet)	REMARKS
50+69.20	29th Street	Lt	2388.36	6" CONC
14+08.15	Maize Road	Lt	531.44	7" ASPH
15+59.56	Maize Road	Lt	541.14	7" ASPH
16+11.63	Maize Road	Rt	631.31	7" ASPH
18+69.43	Maize Road	Lt	613.07	7" ASPH
19+46.63	Maize Road	Rt	514.33	7" ASPH
TOTAL			5219.65	

REINFORCED CRUSHED ROCK BASE

STA. TO STA. (BASELINE)	ROADWAY	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS		
4+86.65	9+03.16	29th Street	2410.41	8" Includes Geogrid Reinf.		
10+96.97	62+36.89	29th Street	35514.04	8" Includes Geogrid Reinf.		
9+94.49	14+03.15	119th Street	2292.78	8" Includes Geogrid Reinf.		
15+80.75	20+07.13	119th Street	2299.95	8" Includes Geogrid Reinf.		
4+07.23	9+36.47	Maize Road	401.01	8" Includes Geogrid Reinf.		
4+07.23	9+40.20	Maize Road	478.19	8" Includes Geogrid Reinf.		
10+61.80	19+54.69	Maize Road	811.84	8" Includes Geogrid Reinf.		
10+63.19	19+54.69	Maize Road	833.91	8" Includes Geogrid Reinf.		
TOTAL			45042.13	8" Includes Geogrid Reinf.		
STA. TO STA. (BASELINE)	ROADWAY	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS		
9+03.16	10+96.97	29th & 119	2654.34	6" Includes Geogrid Reinf.		
62+39.15	62+89.98	29th & Maize	554.58	6" Includes Geogrid Reinf.		
63+54.01	63+85.46	29th & Maize	384.43	6" Includes Geogrid Reinf.		
TOTAL			3593.35	6" Includes Geogrid Reinf.		
STATION	ROADWAY	SIDE	LOCATION	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS
29+25.15	29th Street	Lt.	COVINGTON	353.56	7"	Incl. Geogrid Reinf.
34+89.59	29th Street	Rt.	CARDINGTON	126.89	7"	Incl. Geogrid Reinf.
41+28.15	29th Street	Rt.	PARKDALE	270.34	7"	Incl. Geogrid Reinf.
TOTALS				750.79	7"	Incl. Geogrid Reinf.

VALVE BOX & METER CAN ADJUSTMENT

ROADWAY	STATION	SIDE	ITEM
29th Street North	6+13.58	24.10 Lt	Air Release in Meter Can
29th Street North	6+17.01	25.35 Lt	FH Valve
29th Street North	10+44.04	78.26 Rt	BO Valve
29th Street North	10+48.14	45.81 Lt	BO Valve*
29th Street North	10+48.83	21.22 Lt	Line Valve
29th Street North	10+49.55	27.01 Lt	Line Valve
29th Street North	10+55.43	26.34 Lt	Line Valve*
29th Street North	10+61.12	26.62 Lt	FH Valve
29th Street North	19+62.32	26.83 Lt	Air Release in Meter Can
29th Street North	19+64.32	25.83 Lt	FH Valve
29th Street North	29+71.09	26.26 Lt	Line Valve*
29th Street North	30+30.27	26.54 Lt	FH Valve
29th Street North	35+09.63	20.51 Lt	Line Valve*
29th Street North	35+13.41	24.94 Lt	Line Valve*
29th Street North	36+12.83	21.32 Lt	FH Valve
29th Street North	36+14.63	26.05 Lt	Air Release in Meter Can
29th Street North	40+84.23	20.72 Lt	Line Valve*
29th Street North	40+88.57	25.57 Lt	Line Valve*
29th Street North	46+24.20	30.00 Rt	FH Valve
29th Street North	46+25.17	19.70 Lt	Line Valve*
29th Street North	46+25.20	62.56 Rt	BO Valve
29th Street North	52+23.69	26.72 Lt	FH Valve
29th Street North	53+02.16	20.43 Lt	Line Valve*
29th Street North	53+05.94	25.45 Lt	Line Valve*
29th Street North	53+06.57	54.00' Rt	BO Valve
29th Street North	62+47.13	32.58 Lt	FH Valve

FOR INFORMATION ONLY. Cost to be SUBSIDIARY to the Bid Item "Adjustment of Water Valves".

* Existing Test Stations in Proposed Pavement shall be Adjusted and placed in valve boxes per detail on Water Assembly Detail. Cost to be SUBSIDIARY to the Bid Item "Adjustment of Water Valves".

A.C. PAVEMENT

STA. TO STA. (BASELINE)	ROADWAY	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS	
7" Asphalt Pavement (5" Bit. Base)					
4+86.65	7+86.65	29th Street	1456.69	7" BM-2	
7+86.65	9+03.16	29th Street	724.93	7" BM-2	
10+96.97	62+36.89	29th Street	29194.91	7" BM-2	
9+94.49	12+94.51	119th Street	1398.80	7" BM-2	
12+94.51	14+03.15	119th Street	676.23	7" BM-2	
15+80.75	17+07.13	119th Street	685.43	7" BM-2	
17+07.13	20+07.13	119th Street	1394.52	7" BM-2	
TOTAL			35531.51	7" BM-2	
STA. TO STA. (BASELINE)	ROADWAY	SIDE	AREA (Sq. Yds.)	REMARKS	
4+07.23	9+36.47	Maize Road	Lt	344.00	7" BM-2
4+07.23	9+40.20	Maize Road	Rt	426.27	7" BM-2
10+61.80	19+54.69	Maize Road	Lt	735.78	7" BM-2
10+63.19	19+54.69	Maize Road	Rt	712.14	7" BM-2
TOTAL			2118.19	7" BM-2	
STA. TO STA. (BASELINE)	ROADWAY	SIDE	AREA (Sq. Yds.)	REMARKS	
4+07.23	19+54.69	Maize Road	-	10242.45	2" Mill & Overlay
TOTAL			10242.45	2" Mill & Overlay	
STATION (BASELINE)	ROADWAY	SIDE	AREA (Sq. feet)	REMARKS	
14+08.15	Maize Road	Lt	467.86	7" Drive	
15+59.56	Maize Road	Lt	459.43	7" Drive	
16+11.63	Maize Road	Rt	477.69	7" Drive	
18+69.43	Maize Road	Lt	631.53	7" Drive	
19+46.63	Maize Road	Rt	455.08	7" Drive	
TOTAL			2491.59	7" Drive	

PVC PIPE IRRIGATION SLEEVES

STATION	SIDE	ROADWAY	DIA.	LENGTH
13+25.0	Lt.	29th Street North	6"	40.0 ft.
23+75.0	Lt.	29th Street North	6"	40.0 ft.
32+25.0	Lt.	29th Street North	6"	40.0 ft.
37+86.0	Lt.	29th Street North	6"	35.0 ft.
44+50.0	Lt.	29th Street North	6"	35.0 ft.
48+37.5	Lt.	29th Street North	6"	40.0 ft.
52+90.0	Lt.	29th Street North	6"	35.0 ft.
60+00.0	Lt.	29th Street North	6"	35.0 ft.
TOTAL				300.0 ft.

SEEDING/SODDING QUANTITIES

PROCESS	AREAS (Sq. Yds.)	REMARKS
Seeding	52,524	Non-Lawn/Turf Areas
Sodding	4,783	Lawn/Turf Areas

SLOPE PROTECTION (RIPRAP STONE)

STATION (BASELINE)	ROADWAY	SIDE	LIGHT STONE RIP RAP (Sq. Yds.)
30+75.00	29th Street	58.0' Rt.	50
36+09.21	29th Street	47.0' Rt.	6
45+90.94	29th Street	58.0' Rt.	4
49+47.94	29th Street	56.0' Lt.	36
57+21.20	29th Street	56.0' Rt.	76
14+29.21	119th Street	47.0' Lt.	10
14+29.21	119th Street	47.0' Rt.	10
Offsite Drainage Ditch*			515
TOTALS			707

* Additional Rip Rap Locations shown on the offsite drainage ditch plan

MONOLITHIC EDGE CURB (AE)

LOCATION	ROADWAY	CROSS STREET	LENGTH (ft.)
NW Radius	29th	COVINGTON	46.43
NE Radius	29th	COVINGTON	36.10
SW Radius	29th	CARDINGTON	40.13
SE Radius	29th	CARDINGTON	38.74
SW Radius	29th	PARKDALE	47.12
SE Radius	29th	PARKDALE	47.12
NW Radius	29th	MAIZE	78.29
SW Radius	29th	MAIZE	79.64
TOTAL			412.01

EARTHWORK

STA. TO STA. (BASELINE)	ROADWAY	EXCAVATION		COMPACTION		EXCAVATION WASTED			REMARKS	
		COMMON (cu. yd.)	NOTE	IN FILL (TYPE B) (MR-90) (cu. yd.)	IN CUT (TYPE B) (MR-90) (cu. yd.)	COMMON (cu. yd.)	ROCK (cu. yd.)	EMBANKMENT (cu. yd.)		TOPSOIL (cu. yd.)
4+86.65	63+85.37	29th Street	22,282.04	*	30,463.83	-	-	-	-	See Cross-Sections.
9+94.49	20+07.13	119th Street	2,057.05	*	397.05	-	-	-	-	See Cross-Sections.