

CURB AND GUTTER (COMBINED) (AE)					
STA. TO STA. (BASELINE)	ROADWAY	SIDE	LENGTH (ft.)	REMARKS	
			TYPE I (6")		
6+34.40	9+16.75	47th Street	Lt.	282.11	
6+34.40	9+16.91	47th Street	Rt.	282.55	
10+82.97	29+24.42	47th Street	Rt.	1841.50	
10+83.40	33+08.17	47th Street	Lt.	2224.81	Includes Thru Drives
30+26.92	47+42.69	47th Street	Rt.	1715.97	Includes Thru Drives
34+01.98	35+96.61	47th Street	Lt.	194.64	
36+92.48	39+27.16	47th Street	Lt.	234.62	
40+12.68	42+06.97	47th Street	Lt.	194.31	
42+92.69	44+87.02	47th Street	Lt.	194.33	
45+73.07	60+83.67	47th Street	Lt.	1511.91	Includes Thru Drives
48+30.39	50+28.71	47th Street	Rt.	198.32	
51+16.49	53+14.52	47th Street	Rt.	198.03	
53+97.29	56+00.65	47th Street	Rt.	203.37	
56+88.31	60+82.30	47th Street	Rt.	394.24	Includes Thru Drives
96+34.53	99+16.99	Meridian	Lt.	552.39	Includes Thru Drives
96+34.53	99+17.03	Meridian	Rt.	552.52	
100+83.40	103+66.04	Meridian	Rt.	466.51	
100+83.54	103+66.04	Meridian	Lt.	391.64	
West Side of Euclid Ave at 47th Street				59.93	Includes Concrete Flume
East Side of Euclid Ave at 47th Street				60.76	Includes Concrete Flume
West Side of Charles Ave at 47th Street				17.00	
East Side of Charles Ave at 47th Street				17.00	
NW Radius of 47th & Meridian Intersection				78.71	
NE Radius of 47th & Meridian Intersection				78.63	
SW Radius of 47th & Meridian Intersection				78.45	
SE Radius of 47th & Meridian Intersection				78.37	
TOTALS				12,102.62	
			TYPE III (8")		
6+28.60	9+33.00	47th Street	Lt.	304.66	Includes 6" Median Noses
6+28.60	9+33.00	47th Street	Rt.	305.05	Includes 6" Median Noses
10+67.30	13+71.91	47th Street	Lt.	305.05	Includes 6" Median Noses
10+67.30	13+71.91	47th Street	Rt.	304.66	Includes 6" Median Noses
16+74.00	20+37.45	47th Street	Lt.	363.45	Includes 6" Median Noses
16+74.00	20+37.45	47th Street	Rt.	363.45	Includes 6" Median Noses
23+44.00	28+86.00	47th Street	Lt.	542.00	Includes 6" Median Noses
23+44.00	28+86.00	47th Street	Rt.	542.00	Includes 6" Median Noses
29+66.42	--	47th Street	Rt.	25.00	Includes 6" Median Noses
22+72.92	--	47th Street	Rt.	25.00	Includes 6" Median Noses
96+28.53	99+33.14	Meridian	Lt.	304.66	Includes 6" Median Noses
96+28.53	99+33.14	Meridian	Rt.	305.05	Includes 6" Median Noses
100+676.44	103+72.04	Meridian	Lt.	305.05	Includes 6" Median Noses
100+676.44	103+72.04	Meridian	Rt.	304.66	Includes 6" Median Noses
TOTALS				4,299.74	Includes 6" Median Noses
			ROLL TYPE (3.5")		
West Side of Millwood Cir at 47th Street				5.00	
East Side of Millwood Cir at 47th Street				5.00	
West Side of Fern Cir at 47th Street				5.00	
East Side of Fern Cir at 47th Street				5.00	
West Side of Elizabeth Cir at 47th Street				5.00	
East Side of Elizabeth Cir at 47th Street				5.00	
West Side of Martinson Cir at 47th Street				5.00	
East Side of Martinson Cir at 47th Street				5.00	
TOTALS				40.00	

EARTHWORK										
STA. TO STA. (BASELINE)	SOURCE	EXCAVATION		COMPACTION		EXCAVATION WASTED		EMBANKMENT	TOPSOIL	REMARKS
		COMMON	NOTE	IN FILL (TYPE B) (MR-90)	IN CUT (TYPE B) (MR-90)	COMMON	ROCK			
4+34.40	60+83.67	47th Street	41,179	*	4,270	--	--	--	--	See Cross-Sections
93+64.69	105+50.00	Meridian Ave	6,820	*	512	--	--	--	--	See Cross-Sections
--	--	Pebbler Ditch	--	*	1,284	--	--	--	--	Grid Volume Calc.
--	--	Channel 1	1,020	*	677	--	--	--	--	Cross-Sections
--	--	Channel 2	444	*	--	--	--	--	--	Cross-Sections
NET TOTALS			49,463	*	6,743	--	--	--	--	Cross-Sections
EX. PAVEMENT ADJUSTMENT			4,775	**	--	--	--	--	--	Cross-Sections
BID TOTALS			44,688		6,743	--	--	--	--	

* Total Excavation = Earth Work Calculated from Existing Surfaces.
 ** Estimated Volume of Removal of Pavement (See Earthwork Quantity Sheets for Depths).

PAVING BRICK*						
STA. TO STA. (BASELINE)	ROADWAY	LOCATION	AREA (Sq. Yds.)	SIZE (in.)	Pattern	
6+34.40	9+27.01	47th Street	Median	155.34	2 3/8"	Holland Stone (Red)
10+73.30	13+65.91	47th Street	Median	155.34	2 3/8"	Holland Stone (Red)
29+69.67	--	47th Street	Median	5.00	2 3/8"	Holland Stone (Red)
96+34.53	89+22.04	Meridian	Median	155.41	2 3/8"	Holland Stone (Red)
100+73.44	103+66.04	Meridian	Median	155.34	2 3/8"	Holland Stone (Red)
TOTALS				626.43	2 3/8"	Holland Stone (Red)
Intersection of 47th & Meridian			Crosswalks	336.35	3 1/8"	Holland Stone (Red)
TOTALS				363.35	3 1/8"	Holland Stone (Red)

*Includes Sand Base

CONCRETE PAVEMENT (REINF) (AE)						
STATION	ROADWAY	SIDE	LOCATION	AREA (Sq. Yds.)	THICKNESS (in.)	REMARKS
9+50	47th Street	Rt.	Intersection	25.68	9"	Behind SW Return
9+50	47th Street	Lt.	Intersection	25.68	9"	Behind NW Return
10+00.00	47th Street	--	Intersection	2,587.60	9"	Intersection @ Meridian
10+50	47th Street	Rt.	Intersection	26.24	9"	Behind SE Return
10+50	47th Street	Lt.	Intersection	26.24	9"	Behind NE Return
TOTALS				2,691.44	9"	
29+75.67	47th Street	Rt.	Valley Gutter	352.71	8"	South Lakes
33+55.07	47th Street	Lt.	Valley Gutter	181.65	8"	Euclid Avenue
36+41.90	47th Street	Lt.	Valley Gutter	188.96	8"	Clarence Avenue
39+67.89	47th Street	Lt.	Valley Gutter	152.43	8"	Charles Avenue
42+49.83	47th Street	Lt.	Valley Gutter	152.97	8"	Glen Avenue
45+30.04	47th Street	Lt.	Valley Gutter	154.08	8"	Vine Avenue
47+86.54	47th Street	Rt.	Valley Gutter	163.15	8"	Millwood Circle
50+72.60	47th Street	Rt.	Valley Gutter	163.41	8"	Fern Circle
53+58.40	47th Street	Rt.	Valley Gutter	155.55	8"	Elizabeth Circle
56+44.48	47th Street	Rt.	Valley Gutter	162.97	8"	Martinson Circle
TOTALS				1,827.88	8"	

STATION	ROADWAY	SIDE	LOCATION	AREA (Sq. Ft.)	THICKNESS (in.)	REMARKS
12+40.15	47th Street	Lt.	Drive	574.18	8"	Measured Quantity
15+53.22	47th Street	Lt.	Drive	454.14	8"	Measured Quantity
17+10.00	47th Street	Lt.	Drive	610.14	8"	Measured Quantity
22+68.92	47th Street	Lt.	Drive	610.14	8"	Measured Quantity
35+15.04	47th Street	Rt.	Drive	546.24	8"	Measured Quantity
39+24.21	47th Street	Rt.	Drive	639.24	8"	Measured Quantity
42+51.26	47th Street	Rt.	Drive	639.24	8"	Measured Quantity
44+24.53	47th Street	Lt.	Drive	324.24	8"	Measured Quantity
47+70.85	47th Street	Lt.	Drive	639.24	8"	Measured Quantity
48+92.35	47th Street	Lt.	Drive	705.19	8"	Measured Quantity
50+88.20	47th Street	Lt.	Drive	336.24	8"	Measured Quantity
53+97.14	47th Street	Lt.	Drive	418.24	8"	Measured Quantity
56+21.99	47th Street	Lt.	Drive	418.24	8"	Measured Quantity
56+82.75	47th Street	Lt.	Drive	517.24	8"	Measured Quantity
57+76.07	47th Street	Lt.	Drive	822.25	8"	Measured Quantity
59+24.34	47th Street	Rt.	Drive	925.88	8"	Measured Quantity
60+29.62	47th Street	Lt.	Drive	619.12	8"	Measured Quantity
94+63.99	Meridian	Lt.	Drive	363.24	8"	Measured Quantity
95+40.79	Meridian	Lt.	Drive	363.24	8"	Measured Quantity
97+03.22	Meridian	Lt.	Drive	490.78	8"	Measured Quantity
TOTALS				10,926.46	8"	Measured Quantity

SIDEWALK CONCRETE					
STA. TO STA. (BASELINE)	SIDE	ROADWAY	AREA (Sq. Ft.)	THICKNESS	REMARKS
			4" Thick		
9+39	9+51	Rt.	47th Street	102.48	Measured Quantity
10+49	15+45	Lt.	47th Street	3,118.32	Measured Quantity
10+49	29+42	Rt.	47th Street	11,439.87	Measured Quantity
15+61	16+98	Lt.	47th Street	820.66	Measured Quantity
17+22	22+57	Lt.	47th Street	3,235.87	Measured Quantity
22+81	33+26	Lt.	47th Street	6,319.40	Measured Quantity
30+09	35+09	Rt.	47th Street	3,026.35	Measured Quantity
33+84	36+14	Lt.	47th Street	1,481.55	Measured Quantity
35+21	39+51	Rt.	47th Street	2,387.15	Measured Quantity
36+75	39+45	Lt.	47th Street	1,724.47	Measured Quantity
39+33	42+42	Rt.	47th Street	1,854.25	Measured Quantity
39+95	42+25	Lt.	47th Street	1,393.45	Measured Quantity
42+60	47+65	Rt.	47th Street	3,029.06	Measured Quantity
42+75	44+19	Lt.	47th Street	865.02	Measured Quantity
44+31	45+05	Lt.	47th Street	446.15	Measured Quantity
44+55	47+62	Lt.	47th Street	1,252.20	Measured Quantity
47+80	48+78	Lt.	47th Street	588.03	Measured Quantity
48+08	50+51	Rt.	47th Street	1,457.54	Measured Quantity
49+08	50+82	Lt.	47th Street	1,046.09	Measured Quantity
50+94	53+37	Rt.	47th Street	1,463.17	Measured Quantity
50+94	53+89	Lt.	47th Street	1,796.35	Measured Quantity
53+80	56+23	Rt.	47th Street	1,468.41	Measured Quantity
54+05	56+14	Lt.	47th Street	1,272.62	Measured Quantity
56+30	56+76	Lt.	47th Street	274.54	Measured Quantity
56+66	59+09	Rt.	47th Street	1,475.91	Measured Quantity
56+90	57+64	Lt.	47th Street	454.76	Measured Quantity
57+88	60+18	Lt.	47th Street	1,377.32	Measured Quantity
60+42	61+37	Lt.	47th Street	570.45	Measured Quantity
61+45	62+21	Lt.	47th Street	221.88	Measured Quantity
93+70	99+39	Rt.	Meridian	3,438.55	Measured Quantity
100+70	104+75	Rt.	Meridian	2,446.78	Measured Quantity
100+50	105+50	Lt.	Meridian	3,035.08	Measured Quantity
TOTAL				64,883.73	

MONOLITHIC EDGE CURB (6") (AE)					
STATION (BASELINE)	ROADWAY	SIDE	LOCATION	LENGTH (ft.)	REMARKS
29+24.42	47th Street	Rt.	South Lakes	76.12	
30+26.92	47th Street	Rt.	South Lakes	76.12	
33+08.17	47th Street	Lt.	Euclid Ave	47.02	
34+01.98	47th Street	Lt.	Euclid Ave	47.22	
35+96.61	47th Street	Lt.	Clarence Ave	47.02	
36+92.48	47th Street	Lt.	Clarence Ave	47.23	
39+27.16	47th Street	Lt.	Charles Ave	47.04	
40+12.66	47th Street	Lt.	Charles Ave	47.21	
42+06.97	47th Street	Lt.	Glen Ave	47.04	
42+92.69	47th Street	Lt.	Glen Ave	47.21	
44+87.02	47th Street	Lt.	Vine Ave	47.04	
45+73.07	47th Street	Lt.	Vine Ave	47.21	
47+42.69	47th Street	Rt.	Millwood Cir	48.12	
48+30.39	47th Street	Rt.	Millwood Cir	48.12	
50+28.71	47th Street	Rt.	Fern Cir	48.12	
51+16.49	47th Street	Rt.	Fern Cir	48.12	
53+14.52	47th Street	Rt.	Elizabeth Cir	48.12	
54+02.06	47th Street	Rt.	Elizabeth Cir	45.28	
56+00.65	47th Street	Rt.	Martinson Cir	48.12	
56+88.31	47th Street	Rt.	Martinson Cir	48.12	
TOTAL				1,005.60	

CRUSHED ROCK SURFACE						
STATION	ROADWAY	SIDE	LOCATION	AREA (Sq. Ft.)	THICKNESS (in.)	REMARKS
12+40.15	47th Street	Lt.				