

DATE				
BY				
REFERENCES NOTED				
REFERENCES CHECKED				

COMBINED CURB & GUTTER						
STA. TO STA.	ROADWAY	SIDE	150mm (LIN. METERS)	165mm (LIN. METERS)	Median Curb (LIN. METERS)	REMARKS
135th Street						
4+893.571 to 4+924.499	135TH	L.T.	30.883			
4+924.499 to 4+931.456	135TH	L.T.	6.957			
4+931.456 to 4+952.674	135TH	L.T.	21.218			
4+952.674 to 4+967.479	135TH	L.T.	14.805			
4+959.998 to 4+970.869	135TH	R.T.	10.871			
5+032.691 to 5+075.596	135TH	L.T.	42.905			
5+075.596 to 5+080.486	135TH	L.T.	4.945			
5+032.690 to 5+104.970	135TH	R.T.	72.280			
5+104.970 to 5+121.430	135TH	R.T.	16.460			
5+080.486 to 5+104.706	135TH	L.T.	24.412			
5+104.706 to 5+105.641	135TH	L.T.	1.000			
5+121.430 to 5+122.430	135TH	R.T.	1.000			
Maple						
8+275 to 8+299.049	Maple	R.T.	24.048			
8+299.049 to 8+313.870	Maple	R.T.	14.822			
8+313.870 to 8+337.248	Maple	R.T.	23.639			
8+306.452 to 8+307.449	Maple	L.T.	0.997			
8+328.151 to 8+377.450	Maple	L.T.	49.299			
8+337.248 to 8+360.573	Maple	R.T.	23.325			
8+439.832 to 8+815.681	Maple	L.T.	375.849			
8+360.573 to 8+377.615	Maple	R.T.	17.042			
8+435.800 to 8+487.729	Maple	R.T.	51.929			
8+487.729 to 8+490.373	Maple	R.T.	2.644			
8+509.073 to 8+587.430	Maple	R.T.	78.357			
8+587.430 to 8+932.610	Maple	R.T.	345.180			
8+307.448 to 8+328.150	Maple	L.T.	20.786			
8+490.373 to 8+509.073	Maple	R.T.	18.711			
8+701.831 to 8+774.246	Maple	R.T.			72.415	
8+701.831 to 8+774.246	Maple	L.T.			72.415	
8+853.846 to 8+931.110	Maple	R.T.			77.264	
8+853.846 to 8+931.110	Maple	L.T.			77.264	
9+008.171 to 9+092.677	Maple	R.T.			84.506	
9+008.171 to 9+092.677	Maple	L.T.			84.506	
9+217.344 to 9+300.776	Maple	R.T.			83.432	
9+217.344 to 9+300.776	Maple	L.T.			83.432	
8+966.671 to 9+175.802	Maple	R.T.	209.131			
8+966.671 to 9+149.118	Maple	R.T.	182.447			
9+175.802 to 9+302.396	Maple	R.T.	126.596			
9+335.979 to 9+396.007	Maple	R.T.	60.028			
9+396.007 to 9+411.865	Maple	R.T.	15.858			
9+411.865 to 9+522.689	Maple	R.T.	110.824			
8+852.413 to 9+148.350	Maple	L.T.	295.937			
9+177.199 to 9+405.867	Maple	L.T.	228.668			
9+441.130 to 9+522.690	Maple	L.T.	81.560			
9+583.489 to 9+674.050	Maple	R.T.	30.573			
9+674.050 to 9+719.634	Maple	R.T.	103.584			
9+719.634 to 9+769.211	Maple	R.T.	49.626			
9+769.211 to 9+789.732	Maple	R.T.	20.521			
9+789.732 to 9+818.513	Maple	R.T.	28.781			
9+818.513 to 9+880.040	Maple	R.T.	61.527			
9+880.040 to 9+920.041	Maple	R.T.	40.001			
9+920.041 to 9+951.429	Maple	R.T.	31.388			
9+583.490 to 9+674.050	Maple	L.T.	30.573			
9+674.050 to 9+719.620	Maple	L.T.	105.570			
9+719.620 to 9+769.211	Maple	L.T.	49.626			
9+769.211 to 9+823.350	Maple	L.T.	53.139			
9+856.957 to 9+951.430	Maple	L.T.	95.473			
8+377.615 to 8+397.391	Maple	R.T.	31.383			Intersection Radius
8+418.363 to 8+435.806	Maple	R.T.	26.407			Intersection Radius
8+377.449 to 8+397.448	Maple	R.T.	31.484			Intersection Radius
8+420.114 to 8+439.832	Maple	R.T.	31.770			Intersection Radius
Forestview				39.556		
Breezy Pointe				23.942		
Limuel				26.401		
TOTALS			3,428.839	89.899	635.234	

PAVING BRICK (80 mm)				
STATION TO STATION	ROADWAY	LOCATION	PAVING BRICK (100 mm UNIF.) (SQ. METERS)	REMARKS
INTERSECTION				
8+377.615 to 8+439.863	MAPLE & 135TH	Intersection	346.598	
TOTALS			346.598	

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)

STATION	ROADWAY	SIDE	ITEM
8+284	135th	R.T.	600mm x 23.3 Pipe
8+317	135th	L.T.	900mm x 16.5 Pipe
8+348	135th	R.T.	600mm x 23.3 Pipe
8+390	135th	R.T.	600 mm x 23.3 Pipe
8+408	135th	L.T.	Sign
8+412	135th	L.T.	2.1 x 0.6 RCBC
8+417	135th	R.T.	Sign
4+875	135th	L.T.	Sign
5+029	135th	R.T.	Sign
5+092	135th	L.T.	600mm x 14.0 Pipe
8+822	Maple	L.T.	Sign
8+845	Maple	L.T.	Sign
8+849	Maple	L.T.	Sign
8+852	Maple	L.T.	Sign
8+860	Maple	R.T.	Sign
8+866	Maple	CL	2.4 x 0.75 RCBC w/Headwalls
8+870	Maple	L.T.	Sign
8+937	Maple	R.T.	Sign
8+940	Maple	R.T.	10.2m 750mm RCP
8+938	Maple	R.T.	Sign
8+959	Maple	R.T.	Sign
8+959	Maple	R.T.	Irrigation Control Valve
8+961	Maple	R.T.	Sign
9+093	Maple	R.T.	Sign
9+110	Maple	L.T.	Sign
9+112	Maple	L.T.	Sign
9+148	Maple	R.T.	Sign
9+156	Maple	L.T.	Sign
9+170	Maple	L.T.	Sign
9+170	Maple	L.T.	Sign
9+171	Maple	R.T.	Sign
9+206	Maple	R.T.	Sign
9+212	Maple	R.T.	Sign
9+231	Maple	R.T.	Sign
9+235	Maple	R.T.	Sign
9+308	Maple	R.T.	Sign
9+305	Maple	R.T.	Sign
9+333	Maple	R.T.	Post
9+319	Maple	R.T.	600 mm RCP
9+401	Maple	R.T.	Post
9+407	Maple	R.T.	Sign
9+416	Maple	L.T.	Sign
9+436	Maple	L.T.	Sign
9+440	Maple	L.T.	Sign
9+532	Maple	R.T.	Sign
9+532	Maple	L.T.	Sign
9+568	Maple	L.T.	Sign
9+676	Maple	L.T.	Sign
9+678	Maple	R.T.	Post
9+750	Maple	R.T.	Post
9+755	Maple	R.T.	Post
9+759	Maple	R.T.	Post
9+768	Maple	R.T.	Post
9+776	Maple	R.T.	Sign
9+826	Maple	L.T.	Irrigation Control Valve
9+830	Maple	L.T.	Sign
9+849	Maple	L.T.	Sign

ASPHALTIC CONCRETE PAVEMENT (125mm)

STA TO STA.	ROADWAY	BASE THICKNESS (mm)	SURFACE THICKNESS (mm)	A.C. PAVEMENT (SQ. METERS)	REMARKS
MAPLE & LIMUEL	R.T.	90	50	58.076	
MAPLE & FORESTVIEW	L.T.	90	50	221.613	
MAPLE & BREEZY POINTE	L.T.	90	50	76.834	
TOTALS				356.523	

ASPHALTIC CONCRETE PAVEMENT (175mm)

STA TO STA.	ROADWAY	BASE THICKNESS (mm)	SURFACE THICKNESS (mm)	A.C. PAVEMENT (SQ. METERS)	REMARKS
8+205.698 to 8+377.449	MAPLE	125	50	2,488.237	
4+824.619 to 4+967.479	135TH	125	50	1,153.930	
5+032.693 to 5+175	135TH	125	50	1,924.223	
8+439.863 to 9+522.689	MAPLE	125	50	17,766.739	
9+583.490 to 9+921.429	MAPLE	125	50	3,950.847	
TOTALS				29,283.976	

CRUSHED STONE SUBGRADE

STA TO STA	ROADWAY	LOCATION	125mm (SQ. METERS)	150mm (SQ. METERS)	175 mm (SQ. METERS)	200 mm (SQ. METERS)	GEOGRID REINF. FOR BASE (SQ. METERS)
MAPLE & MAPLE DUNES		INTER.			199.518		199.518
MAPLE & LIMUEL		INTER.			166.810		166.810
MAPLE & FORESTVIEW		INTER.			130.536		130.536
MAPLE & FIREFLY		INTER.			167.973		167.973
MAPLE & BREEZY POINTE		INTER.			173.014		173.014
MAPLE & CEDAR PARK		INTER.			172.551		172.551
FORESTVIEW		CL	272.375				272.375
MAPLE & 135TH		INTER.		2759.029			2759.029
8+205.698 to 8+377.449	MAPLE					2934.895	2934.895
4+824.594 to 4+967.479	135TH					1105.776	1105.776
5+032.691 to 5+175	135TH					2133.971	2133.971
8+439.863 to 9+522.689	MAPLE					21,269.278	21,269.278
9+583.489 to 9+921.429	MAPLE					6743.705	6743.705
TOTALS			272.375	2759.029	1010.402	34,187.635	38,229.441

REINF. CONCRETE V.G. PAVEMENT (200 mm)

STATION	200 mm CONC. P.W.T. (SQ. METERS)	Edge Curb (150 mm) (LIN. METERS)	REMARKS
MAPLE & MAPLE DUNES	229.706	29.115	
MAPLE & LIMUEL	194.217	28.982	
MAPLE & FORESTVIEW	152.432	58.320	
MAPLE & FIREFLY	193.888	28.626	
MAPLE & BREEZY POINTE	201.646	29.145	
MAPLE & CEDAR PARK	191.902	29.089	
TOTALS	1163.791	203.277	

CONCRETE PAVEMENT (200 mm)

STATION TO STATION	ROADWAY	SIDE	CONC. P.W.T. (200 mm) (SQ. METERS)	REMARKS
8+287.653	MAPLE	R.T.	109.577	
8+316.899	MAPLE	L.T.	104.522	
8+348.387	MAPLE	R.T.	136.124	
8+499.907	MAPLE	R.T.	84.414	
9+162.459	MAPLE	R.T.	117.270	
9+403.936	MAPLE	R.T.	50.882	
9+779.490	MAPLE	R.T.	72.361	
9+830.685	MAPLE	R.T.	95.510	
4+886.806	135TH STREET	L.T.	24.740	
4+942.100	135TH STREET	L.T.	107.746	
5+095.308	135TH STREET	L.T.	203.013	
5+113.200	135TH STREET	L.T.	78.045	
TOTALS			1184.204	

VALVE BOX ADJUSTMENT

STATION	OFFSET	ELEVATION
8+292.761 (MAPLE)	7 091 L.T.	409.550
8+391.481 (MAPLE)	7 135 L.T.	409.590
8+393.094 (MAPLE)	11 537 L.T.	408.092
8+424.380 (MAPLE)	13 401 L.T.	407.572
8+425.639 (MAPLE)	15 937 L.T.	407.740
8+428.240 (MAPLE)	13 469 L.T.	407.645
8+821.897 (MAPLE)	14 062 L.T.	404.300
8+822.296 (MAPLE)	16 247 L.T.	404.325
9+938.912 (MAPLE)	12 884 L.T.	404.590
9+152.523 (MAPLE)	12 639 L.T.	403.375
9+170.543 (MAPLE)	12 997 L.T.	403.250
9+328.792 (MAPLE)	11 721 L.T.	402.560
9+435.285 (MAPLE)	12 736 L.T.	402.820
9+848.898 (MAPLE)	12 860 L.T.	403.370
9+850.276 (MAPLE)	12 738 L.T.	403.400
9+864.230 (MAPLE)	11 448 L.T.	403.420
9+864.340 (MAPLE)	10 643 R.T.	403.405

HEAVY STONE RIP-RAP

STATION	OFFSET	AREA (Sq. Meters)
8+300 (MAPLE)	14 505 L.T.	24.6
8+603 (MAPLE)	19 600 L.T.	67.0
5+120 (135TH)	9 502 L.T.	16.5
9+553 (MAPLE)	L.T.	116.5
TOTALS		224.6

LIGHT STONE RIP-RAP

STATION	OFFSET	AREA (Sq. Meters)
8+811.900 (MAPLE)	20 388 L.T.	1.5
8+608.505 TO 8+782.514 (MAPLE)		700.0
8+860.371 (MAPLE)	20 450 L.T.	1.7
5+118.688 (135TH)	24 455 L.T.	2.8
8+942.153 (MAPLE)	23 534 L.T.	1.8
9+174.535 (MAPLE)	23 245 L.T.	1.7
9+195.619 (MAPLE)	14 244 L.T.	1.7
9+317.095 (MAPLE)	18 594 L.T.	1.7
9+449.485 (MAPLE)	20 388 L.T.	1.5
9+566.596 (MAPLE)	18 533 R.T.	7.7
TOTALS		722.1

SAN. SEWER MH ADJUSTMENT

STATION	OFFSET	ELEVATION
8+282.241 (MAPLE)	6 041 RT.	409.820
8+361.240 (MAPLE)	5 639 RT.	408.590
8+387.441 (MAPLE)	5 570 RT.	408.256
8+483.419 (MAPLE)	5 484 RT.	406.940
8+605.023 (MAPLE)	5 529 RT.	405.940
8+727.006 (MAPLE)	5 790 RT.	404.940
8+848.932 (MAPLE)	5 863 RT.	404.120
8+971.083 (MAPLE)	5 885 RT.	404.380
9+093.292 (MAPLE)	5 694 RT.	404.700
9+213.066 (MAPLE)	6 395 RT.	403.010
9+223.208 (MAPLE)	6 468 RT.	402.950
9+234.791 (MAPLE)	5 976 LT.	402.900
9+356.668 (MAPLE)	6 300 LT.	402.550
9+377.412 (MAPLE)	11 137 RT.	402.822