

DRAINAGE SHEET WILLOW ROAD STA 625+00 TO STA 637+00

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
1	1-1	631+67.51	44.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	641.96	639.62 (EX)							
1	1-2	633+40.55	54.5' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	646.90				643.77 (EX)				
1	1-3	633+43.56	41.6' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	647.23	642.26 (EX)							
1	1-4	634+73.94	46.3' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	651.55				647.55				
#	1-5	634+73.94	38.2' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	651.74	647.51		645.77 (EX)				641.87 (EX)	
1	1-6	635+15.03	1.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	653.65	647.12 (EX)		649.58		647.20 (EX)			
1	1-7	635+26.00	2.4' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	653.66							649.66	
1	1-8	635+15.15	41.6' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	652.93	648.05 (EX)							
1	1-9	636+90.22	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	659.34	652.32 (EX)				652.39 (EX)			
1	1-10	636+85.22	39.1' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	658.75			648.53 (EX) 652.88 (EX)				648.33 (EX)	
1	1-11	636+91.74	38.9' LT	CATCH BASINS TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	658.97					651.96 (EX)		651.96 (EX)	
1	1-12	636+87.00	42.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	658.61	653.39 (EX)							

NOTE:
 * DRAINAGE STRUCTURE TO BE TURNED SO THAT THE FRAME OR GRATE IS CLOSEST TO THE CENTERLINE OF THE ROAD.
 % DRAINAGE STRUCTURE TO BE TURNED SO THAT THE FRAME OR GRATE IS FURTHEST FROM THE CENTERLINE OF THE ROAD.

DRAINAGE SHEET WILLOW ROAD STA 637+00 TO STA 649+00 LEFT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	2-1	637+12.58	40.9' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 24 FRAME AND GRATE	659.62			652.34 (EX)				648.79 (EX)	
2	2-2	638+68.22	41.0' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	664.81			654.43 (EX)		657.23		654.33 (EX)	
2	2-3	638+68.74	35.3' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	664.95	657.25				657.35 (EX)			
2	2-4	638+68.64	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	665.29	657.44 (EX)				657.46 (EX)			
2	2-5	638+68.39	42.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	664.61	657.77 (EX)				660.45			
2	2-6	638+68.39	55.4' RT	CB, TYPE C	TYPE 8 GRATE	663.50	660.50							
#	2-7	640+16.03	50.5' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.56					664.56			
2	2-8	640+15.32	33.8' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	668.92	664.42				661.76 (EX)		661.26 (EX)	
2	2-9	640+14.43	13.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.20	661.82 (EX)				661.84 (EX)			
2	2-10	640+12.09	42.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.48	662.07 (EX)							
2	2-11	517+43.71	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.78	664.04				663.94			
#	2-12	517+17.00	51.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.90	663.72					663.47		
2	2-13	516+99.00	75.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.99		663.22			663.02			
2	2-14	640+53.41	39.4' LT	MANHOLES TO BE ADJUSTED WITH NEW	TYPE 1 FRAME, CLOSED LID	669.59	662.52		656.49 (EX)				656.49 (EX)	
2	2-15	517+43.71	9.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.77	665.55				665.65			
2	2-16	517+27.00	9.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	669.79	665.79							
2	2-17	517+60.00	43.5' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.20	664.98				665.08			
2	2-18	517+36.00	45.9' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.29	665.29							
2	2-19	644+00.00	52.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	668.88					665.44			
2	2-20	644+00.00	24.5' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.51	665.17		664.92		665.38			
2	2-21	644+00.00	3.0' RT	CB, TYPE C	TYPE 11V FRAME AND GRATE	669.62	665.62							
2	2-22	645+90.00	50.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	665.14					661.96			
2	2-23	645+90.00	24.5' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	665.72	661.72		661.47		661.87		661.67	
%	2-24	645+90.00	8.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	666.00	662.00							
2	2-25	648+00.00	50.9' LT	INLETS, TYPE A	TYPE 8 GRATE	660.47					658.43			
2	2-26	648+00.00	39.3' LT	MH, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	661.45	658.37				658.27			
2	2-27	648+00.00	22.8' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	661.80	658.11		657.61				657.86	

DRAINAGE SHEET WILLOW ROAD STA 637+00 TO STA 649+00 RIGHT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	3-1	514+67.47	51.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.88			665.07		665.17			
3	3-2	514+41.00	51.0' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	668.93	665.41							
3	3-3	514+65.00	33.6' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	669.30			664.68		664.43		664.93	
3	3-4	514+81.17	9.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	669.64					665.64			
3	3-5	514+65.00	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	669.65	665.50		664.77				664.77	
3	3-6	514+65.00	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.26					665.32		665.07	
3	3-7	514+30.00	51.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	669.09	665.48				665.48			
3	3-8	514+06.17	51.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.04	665.58							
3	3-9	644+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	669.16					664.32			
3	3-10	644+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	667.19	664.18		663.93					
3	3-11	646+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	665.17					660.69			
3	3-12	646+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	663.75	660.55		660.30				660.50	
3	3-13	648+00.00	31.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	661.45					657.26			
3	3-14	648+00.00	49.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	660.03	657.12		656.62				656.87	