

DRAINAGE SHEET WILLOW ROAD STA 661+00 TO STA 672+00 LEFT SYSTEM - CONTINUED

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
6	6-19	666+15.00	29.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	651.74			647.74					
6	6-20	667+00.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	650.76			643.92	646.59			646.92	
6	6-21	667+10.00	38.5' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	650.83						646.67 (EX)		646.67
6	6-22	667+70.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	649.96	643.06						643.26	
6	6-23	667+70.00	14.0' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	650.39	644.49			637.94		642.68		638.44
6	6-24	668+35.00	29.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	649.30			645.30				645.40	
6	6-25	668+95.00	40.8' RT	INLETS, TYPE A	TYPE 8 GRATE	648.29	645.29							
6	6-26	668+95.00	28.9' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	648.78	643.30			643.60		645.22		644.73
6	6-27	668+95.00	13.9' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	649.39				637.35		642.92		637.35
6	6-28	669+60.00	27.7' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	648.25					644.41		644.21	
6	6-29	669+75.00	46.5' RT	INLETS, TYPE A	TYPE 8 GRATE	646.60								644.60
6	6-30	669+55.00	39.4' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	648.28			644.28					
6	6-31	670+23.51	38.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	647.78			643.52				643.62	
6	6-32	670+35.00	38.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	647.83				643.25			643.45	
#	6-33	670+35.00	11.3' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	648.28	643.03			636.68			636.68	
6	6-34	670+85.00	27.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	647.24			643.24					
6	6-35	671+20.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	646.96			642.82				642.92	
6	6-36	671+50.00	39.0' RT	INLETS, TYPE A	TYPE 8 GRATE	646.20	643.20							
6	6-37	671+50.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	646.59			642.37		643.13		642.57	

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 661+00 TO STA 672+00 RIGHT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
7	7-1	661+00.00	29.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	657.66			653.66					
7	7-2	661+70.00	45.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	655.90	652.71		650.57 (EX)				650.61 (EX)	
7	7-3	661+70.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	656.85				652.79			652.99	
7	7-4	662+49.39	44.9' RT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	654.93	651.76		649.51 (EX)				650.05 (EX)	
7	7-5	662+55.00	29.0' RT	CB, TYPE C	TYPE 23 FRAME AND GRATE	655.88				651.88				
7	7-6	663+15.00	29.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	655.19			651.27					
7	7-7	663+80.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	654.44			650.55				650.65	
7	7-8	664+45.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	653.69				649.74			649.94	
7	7-9	35+20.00	20.5' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	652.73	649.32							
7	7-10	35+31.30	22.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	652.70			649.24		649.24			
7	7-11	664+78.63	38.8' RT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	653.65			648.27		649.87 (EX)		649.27 (EX)	
7	7-12	35+28.00	16.5' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	652.35	648.93							
7	7-13	35+39.37	16.5' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	652.31	648.84			648.84			648.84	
#	7	7-14	665+44.61	37.5' RT	MH, TYPE A, 7'-DIAMETER	TYPE 1 FRAME, CLOSED LID	652.46	647.67			648.67		647.97	

DRAINAGE SHEET WILLOW ROAD STA 672+00 TO STA 683+00

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	8	8-1	672+05.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	646.05	641.67					641.87	
8	8-2	672+05.00	11.3' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	647.18			635.85		641.30		635.85	
8	8-3	673+20.00	37.2' RT	INLETS, TYPE A	TYPE 8 GRATE	644.75	641.75							
8	8-4	673+20.00	27.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	645.13			641.48		641.68			
#	8	8-5	673+55.41	52.4' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	644.50			641.53		641.33		
#	8	8-6	673+55.41	11.3' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	645.98	640.98		635.12		641.77		635.12
%	8	8-7	673+55.41	6.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	645.81	641.81						
8	8-8	674+10.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	644.41			640.55				640.65	
8	8-9	674+00.00	63.0' LT	INLETS, TYPE A	TYPE 8 GRATE	644.98							641.98	
8	8-10	674+95.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	643.73	639.56						639.76	
%	8	8-11	674+95.00	6.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	644.69	639.17			639.27			
#	8	8-12	674+95.00	11.3' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	644.86			632.45		639.13		634.45
8	8-13	676+00.00	37.2' RT	INLETS, TYPE A	TYPE 8 GRATE	642.48		639.48						
8	8-14	676+00.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	642.89		639.31				639.41		
%	8	8-15	676+00.00	6.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	643.85	638.92				639.02		
8	8-16	676+00.00	21.8' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	644.35				631.94		638.81		631.94
8	8-17	677+00.00	27.0' RT	CB, TYPE C	TYPE 23 FRAME AND GRATE	642.09		638.09						
%	8	8-18	677+00.00	6.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	643.05	637.70				637.80		
8	8-19	677+00.00	21.8' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	643.55			631.46		637.59			631.46
8	8-20	678+00.00	27.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	641.29		636.42					636.62	
%	8	8-21	678+00.00	6.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	642.25	636.03				636.13		
8	8-22	678+00.00	21.8' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	642.75		636.92		630.98		635.92		630.98
8	8-23	678+00.00	39.6' LT	CB, TYPE C	TYPE 8 GRATE	640.08						637.08		
%	8	8-24	678+90.00	6.0' LT	CB, TYPE C	TYPE 11V FRAME AND GRATE	641.53	637.53						
8	8-25	678+90.00	21.8' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	642.03			630.55		637.42			630.55