

DRAINAGE SHEET WILLOW ROAD STA 693+00 TO STA 704+00 LEFT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
11	11-1	693+46.86	39.6' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.45	MATCH EX					625.63		
11	11-2	693+47.30	24.8' LT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.34	625.68			623.84		625.72		623.94
11	11-3	694+40.00	43.6' LT	INLETS, TYPE A	TYPE 8 GRATE	633.90						630.90		
11	11-4	694+40.00	30.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	634.50	630.81					630.71		
11	11-5	694+40.00	24.8' LT	MH, TYPE A, 7'-DIAMETER	TYPE 1 FRAME, CLOSED LID	634.67	630.67			623.58				623.68
11	11-6	695+20.00	30.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	633.91				629.91				
#	11-7	696+00.00	30.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	633.39						628.97		629.17
11	11-8	696+00.00	14.3' LT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	633.84	628.88			623.18				623.28
11	11-9	86+59.74	17.7' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	632.95				628.95				
11	11-10	86+59.74	21.1' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	632.74				628.36				628.56
11	11-11	697+10.00	35.5' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	632.67						627.92		628.12
#	11-12	697+10.00	14.0' LT	MH, TYPE A, 7'-DIAMETER	TYPE 1 FRAME, CLOSED LID	633.09	627.77			622.88				622.98
11	11-13	697+75.00	29.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	632.29				628.29				
11	11-14	698+15.00	29.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	632.02				627.82				627.92
11	11-15	698+55.00	29.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.78				627.36				627.46
11	11-16	698+95.00	29.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.57				627.03		626.70		627.00
#	11-17	698+95.00	14.0' LT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	631.89	626.62			622.02				622.52
11	11-18	699+35.00	29.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	631.40								627.40
11	11-19	699+75.00	29.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	631.26				627.26				
11	11-20	700+15.00	29.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.14				626.79				626.89
11	11-21	700+55.00	28.8' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.02				626.33				626.43
11	11-22			NOT USED	NOT USED									
11	11-23	701+00.00	27.8' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	630.89						625.62		625.92
#	11-24	701+00.00	12.8' LT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	631.21	625.54			621.72				621.72
11	11-25	701+45.00	26.9' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	630.75								626.75
11	11-26	701+85.00	26.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	630.63				626.63				
11	11-27	702+30.00	26.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	630.50				626.11				626.21
11	11-28	702+75.00	26.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	630.38				625.60				625.70
11	11-29	703+00.00	26.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	630.35				625.29				625.39
11	11-30	703+20.00	26.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	630.34				625.92		624.83		625.13
#	11-31	703+20.00	11.0' LT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	630.66	624.75			621.41				621.41
11	11-32	703+70.00	26.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	630.39								626.39

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 693+00 TO STA 704+00 RIGHT SYSTEM

SHEET	STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
							NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
#	12-1	693+49.19	32.6' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	636.84	625.96					628.46 (EX)		
12	12-2	693+48.61	14.3' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.86	625.87			624.69		625.92		624.79
#	12-3	693+64.74	39.4' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.53	625.12					631.67	625.32 (EX)	
#	12-4	693+64.74	14.2' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.75	631.41			624.18		624.97		624.68
%	12-5	693+64.74	4.7' RT	CB, TYPE C	TYPE 11V FRAME AND GRATE	635.49						631.49		
12	12-6	694+00.00	46.7' RT	CB, TYPE C	TYPE 8 GRATE	635.02								632.02
12	12-7	694+05.00	2.1' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	635.14				631.14				
#	12-8	694+45.00	14.2' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	635.16	630.43			624.03				624.03
12	12-9	694+45.00	0.5' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	634.80						630.57		630.77
12	12-10	694+90.00	1.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	634.46				630.46				
12	12-11	695+35.00	1.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	634.13				629.94				630.04
12	12-12	695+75.00	42.0' RT	CB, TYPE C	TYPE 8 GRATE	632.43	629.43							
#	12-13	695+75.00	14.2' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	633.48	629.00			623.78		629.23		623.78
12	12-14	696+75.00	1.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	633.11				629.44		629.14		629.58
12	12-15	696+00.00	1.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	633.66								629.66
12	12-16	85+30.00	30.4' LT	MH, TYPE A, 6'-DIAMETER	TYPE 8 GRATE	632.10						MATCH EX		
12	12-17	85+30.04	19.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	633.75				624.88			625.08	
12	12-18	85+30.04	12.1' RT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	633.65	623.80			624.80				624.30
12	12-19	85+30.04	18.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	633.52						MATCH EX		624.91
#	12-20	696+83.65	14.1' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	633.21				623.58		623.58		623.58
12	12-21	697+05.00	32.8' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	632.78				628.78				
12	12-22	697+70.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	632.20	627.96							628.16
#	12-23	697+70.00	14.0' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	632.52				623.42		627.88		623.42
12	12-24	698+30.00	29.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	631.84				627.84				
12	12-25	698+90.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.55				627.17				627.27
12	12-26	699+50.00	40.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	630.00	627.23					627.43		
12	12-27	699+50.00	29.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	631.34	626.31					627.15		626.61
#	12-28	699+50.00	14.0' RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	631.66				623.08		626.15		623.08
12	12-29	101+44.18	25.1' LT	PRC FLAR END SEC 12	NONE									628.05
#	12-30	101+40.74	20.1' RT	CB, TYPE A, 5'-DIAMETER	TYPE 8 GRATE	629.71	623.10					628.11 (EX)		
#	12-31	700+23.62	14.0' RT	MH, TYPE A, 9'-DIAMETER	TYPE 1 FRAME, CLOSED LID	631.43				622.95		622.95		622.95
12	12-32	701+10.00	27.6' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	630.86				626.86				