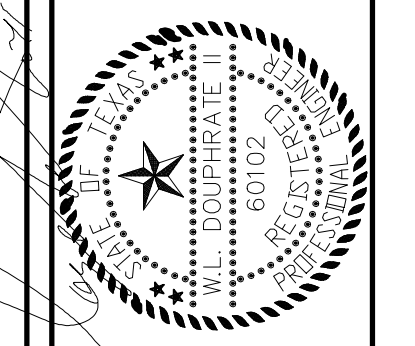


REVISED TO CONFORM TO CONSTRUCTION RECORDS.  
*W. W. ...* DATE: 8-10-20



Inlet ID	Location				Area Runoff					Upstream Bypass C*A	Total Gutter Flow Q <sub>a</sub>	Gutter Flow						Gutter Flow						Inlets Capacity				Inlets Capacity				Inlet By-pass					
	Alignment	Station	Offset	Design Freq	C	Time of Concentration T <sub>c</sub>	Intensity I	Area A	Runoff Q			Thoroughfare Type	On-Grade/Sag	Manning's n	Long Slope S	Cross Slope S <sub>x</sub>	Depression		Depth of Gutter Flow		Ponding Width/Spread		Max Allow Flow based on Ponding	Depressed Gutter Section		Section Beyond Depression		Conveyance		Ratio of Depression flow to Total Flow E <sub>0</sub>	Equivalent Cross-slope, S <sub>e</sub>	Inlet Length		Inlet Capacity Q <sub>c</sub>	Flow Q <sub>by pass</sub>	C*A	To Inlet ID
																	Depth a	Width W	(allow) Y <sub>allow</sub>	(actual) Y <sub>actual</sub>	(allow) T <sub>allow</sub>	(actual) T <sub>actual</sub>		Area A <sub>w</sub>	Wetted Perimeter P <sub>w</sub>	Area A <sub>0</sub>	Wetted Perimeter P <sub>0</sub>	Depression Section K <sub>w</sub>	Section Beyond Depression K <sub>0</sub>			Required L <sub>Req'd</sub>	Actual L <sub>Actual</sub>				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
A1	Community	0+94.64	Right	100	0.9	10	9.8	1	8.82	0	8.82	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.43	14	12.2	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	11.4	15	16.4	0	0	0
A2	Community	0+92.14	Left	100	0.9	10	9.8	0.2	1.76	0	1.76	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.24	14	6.73	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	5.82	10	8.1	0	0	0
B1	Community	9+84.58	Right	100	0.5	10	9.8	1.84	9.02	0	9.02	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.418	14	11.7	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	11.6	15	16	0	0	0
B2	Prosperity	4+45	Right	100	0.5	10	9.8	0.68	3.33	0	2.6	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.31	14	8.68	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	7.6	10	8.1	0	0	0
B3	Prosperity	4+09	Left	100	0.5	10	9.8	0.49	2.4	0	2.4	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.27	14	7.67	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	6.65	10	6.54	0	0	0
B4	Monarch	13+06	Left	100	0.5	10	9.8	1.6	7.84	0	7.84	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.34	14	9.45	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	10.9	10	8.1	0.1	0	0
B5	Jubilee	15+20	Left	100	0.5	10	9.8	1.89	9.26	0	9.26	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.44	14	12.4	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	11.7	15	16.36	0	0	0
B6	Jubilee	17+98.16	Left	100	0.5	10	9.8	0.57	5.53	0	5.53	Local	SAG	0.0175	0.002	0.036	0.5	2	0.5	0.46	14	13	6.24	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	3.2	10	11	0	0	0
B7	Jubilee	17+98.16	Right	100	0.5	10	9.8	1.24	6.07	0	6.07	Local	SAG	0.0175	0.002	0.036	0.5	2	0.5	0.44	14	13	6.24	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	3.9	10	11	0	0	0
C1	Prosperity	0+40	Right	100	0.5	10	9.8	0.4	1.96	0	2.65	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.25	14	7.12	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	6.1	10	8.1	0	0	0
C2	Prosperity	0+63	Left	100	0.5	10	9.8	0.23	1.13	0	1.81	Local	OG	0.0175	0.007	0.036	0.5	2	0.5	0.24	14	5.8	11.2	1.43	3.2	2.57	12	71.7	77.7	0.48	0.16	4.8	5	2.23	0	0	0

SYSTEM ID	Conduit Properties										Conduit Properties						Incremental Drainage Area				Design Storm Freq.	Intensity I	Runoff Q	Conduit Capacity Q <sub>c</sub>	Partial Flow	Velocity V	Time in Conduit	Friction Slope S <sub>f</sub>	Velocity Head V <sup>2</sup> /2g	Friction Headloss	Junctions		HGL		Gutter Elevation	HGL Depth Below Gutter		
	Collection Point Station		Length	# of Barrels	Pipe Size	Box		Type	Area	Wetted Perimeter P <sub>w</sub>	Hydraulic Radius	Manning's n	Flowline Elevation		Slope	Inlet ID	Area	Runoff Coeff. C	Incremental C*A	Accumulated C*A											Up-stream T <sub>c</sub>	Type	Coeff. K <sub>j</sub>	Velocity Headloss			Up-stream	Down-stream
	Up-stream	Down-stream				Span	Rise						Up-stream	Down-stream																								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
B	0+77	0+21.40	55.6	1	36			RCP	7.07	9.42	0.75	0.013	545.38	545.11	0.005	C1,2	0.91	0.5	0.46	4.74	10	100	9.8	46.5	48	Yes	6.5	8.3	0.0048	0.65	0.26	Wye	0.35	0.23	548.58	548.09	551	2.42
B	1+06	0+77	29	1	36			RCP	7.07	9.42	0.75	0.013	545.52	545.38	0.005	B6,7	1.54	0.5	0.77	3.88	10	100	9.8	43.4	48	Yes	6.5	4.3	0.0042	0.65	0.12	MH	0.35	0.23	548.93	548.58	550.73	1.8
B	3+68	1+06	262	1	27			RCP	3.98	7.07	0.56	0.013	549.45	546.46	0.0114	B5	1.89	0.5	0.95	3.16	10	100	9.8	31.9	32	Yes	7.9	33	0.011	0.97	2.88	MH	0.35	0.34	552.15	548.93	554.8	2.65
B	5+79	3+68	211	1	27			RCP	3.98	7.07	0.56	0.013	550.6	549.42	0.0055	B4	1.89	0.5	0.8	2.16	10	100	9.8	22.6	23.5	Yes	5.7	37	0.005	0.5	1.12	MH	0.35	0.39	553.66	552.15	556.3	2.65
B	6+03	5+79	24	1	24			RCP	3.14	6.28	0.5	0.013	552.59	552.47	0.005	B2,3	0.88	0.5	0.44	1.36	10	100	9.8	14.5	16.5	Yes	5.1	4.7	0.008	0.4	0.2	Wye	0.35	0.14	554	553.66	556.82	3.03
B	9+21.57	6+03	318.57	1	21			RCP	2.4	5.5	0.44	0.013	555.02	552.57	0.00857	B1	1.84	0.5	0.92	0.92	10	100	9.8	8.77	14.7	Yes	5	52	0.003	0.39	0.97	Inlet	1.25	0.48	555.45	554	558.52	3.07
B Lat 7	0+09.14	0+00	9.14	1	18			RCP	1.76	4.71	0.37	0.013	547.23	547.19	0.004	B7	0.96	0.5	0.48	0.48	10	100	9.8	6.07	7	Yes	3.7	2.45	0.0034	0.21	0.03	Inlet	1.25	0.26	549.22	548.93	551.07	2.14
B Lat 6	0+20.38	0+00	20.38	1	18			RCP	1.76	4.71	0.37	0.013	547.23	547.15	0.004	B6	1.13	0.5	0.57	0.57	10	100	9.8	5.53	7	Yes	3.7	5.5	0.0028	0.21	0.05	Inlet	1.25	0.26	549.24	548.93	551.07	2.14
B Lat 5	0+11.13	0+00	11.13	1	18			RCP	1.76	4.71	0.37	0.013	551.27	551.16	0.01	B5	1.89	0.5	0.95	0.95	10	100	9.8	9.26	11	Yes	6	1.8	0.005	0.56	0.05	Inlet	1.25	0.7	552.9	552.15	554.77	1.87
B Lat 4	0+16.84	0+00	16.84	1	18			RCP	1.76	4.71	0.37	0.013	552.77	552.65	0.007	B4	1.6	0.5	0.8	0.8	10	100	9.8	8.09	9	Yes	5	3.4	0.006	0.39	0.1	Inlet	1.25	0.48	554.03	553.45	556.27	2.24
B Lat 2	0+12	0+00	12	1	18			RCP	1.76	4.71	0.37	0.013	553.12	553.09	0.005	B2	0.88	0.5	0.44	0.44	10	100	9.8	5.73	7.5	Yes	4.2	2.85	0.003	0.27	0.036	Wye	0.35	0.09	553.91	553.79	556.82	2.9
B Lat 2	0+45.26	0+12	33.26	1	18			RCP	1.76	4.71	0.37	0.013	553.32	553.12	0.005	B2	0.53	0.5	0.27	0.27	10	100	9.8	3.33	7.5	Yes	4.2	7.85	0.0006	0.27	0.02	Inlet	1.25	0.34	554.27	553.91	556.82	2.55
B Lat 3	0+51.06	0+00	51.06	1	18			RCP	1.76	4.71	0.37	0.013	553.58	553.12	0.009	B3	0.35	0.5	0.18	0.18	10	100	9.8	2.4	10.5	Yes	5.7	8.9	0.0003	0.5	0.01	Inlet	1.25	0.62	554.54	553.91	557.08	2.54
C	2+08	0+23.04	184.96	1	18			RCP	1.76	4.71	0.37	0.013	552.3	546.12	0.033	C2	0.63	0.5	0.31	0.31	10	100	9.8	3.09	19.2	YES	10.87	18	0.009	1.8	0.16	Wye	0.35	0.63	549.37	548.58	556	6.63
C Lat 1	2+56.42	2+08	48.42	1	18			RCP	1.76	4.71	0.37	0.013	553.95	552.3	0.033	C1	0.4	0.5	0.2	0.2	10	100	9.8	1.96	19.2	YES	10.8	4.7	0.0004	1.8	0.017	Inlet	1.25	2.08	551.47	549.37	557.47	6
C Lat 2	0+42.61	0+00	42.61	1	18			RCP	1.76	4.71	0.37	0.013	553.7	552.3	0.033	C2	0.23	0.5	0.12	0.2	10	100	9.8	21.12	21.9	YES	9.7	4.3	0.0001	1.46	0.004	Inlet	1.25	1.82	551.19	549.37	557.2	6
A	1+68.99	1+43.46	25.53	1	27			RCP	3.98	7.07	0.56	0.013	551.45	551.32	0.0162	A2	3.2	0.9	0.18	3.25	10	100	9.8	21.12	21.91	YES	5.5	4.5	0.005	0.32	0.13	EXP	0.5	0.16	553.59	553.3	560	