

				/																<u>`\</u>		
3.3	Storm S	ewer C	alculati	ons Ta	ble								-									
ated	Upstream	Design Storm Freq.		/ Runoff Q (cfs)	Conduit Capacity Qc (cfs)		Velocity V (ft/s)	Time in Conduit (min)	Friction Slope Sf (ft/ft)	Friction Headloss (ft)	HGL		Head		dloss Calcula							
											u/s	D/S	V1 ^ 2 / V2 ^ 2 / 2g 2g	V2 A 21		Соеп.	Headloss	Design	Top of	HGL Depth	1	
	Тс													Jct. Type	Kj	н	HGL	Curb Elev.	Below T/C	Remarks		
	(min)												(ft)			(ft)			(ft)		
	1.37	100	9.80	2.52	7.02	Yes	2.06	1.37	0.0004	0.073	543.60	543.53	-	0.07	Curb Inlet	1.25	0.08	547.37	552.30	4.93	-	
	0.61			1.14	4.96	Yes	0.93	0.61	0.0002	0.007	545.11	545.10	-	0.01	Curb Inlet	1.25	0.02	545.29	550.70	5.41	-	
	1.68			10.06	11.41	Yes	5.69	0.31	0.0011	0.112	542.00	541.89	0.07	0.50	Curb Inlet	1.25	0.63	543.53	549.85	6.32	-	
	1.65			1.79	3.96	Yes	2.29	1.65	0.0006	0.126	544.94	544.81	-	0.08	DS	0.25	0.02	546.14	550.60	4.46	-	
	0.19			0.90	2.38	Yes	1.66	0.19	0.0005	0.009	546.15	546.14	-	0.04	"Y" Type	1.25	0.05	545.45	549.50	4.05	-	
	3.34			0.68	4.25	Yes	0.86	1.70	0.0002	0.019	543.77	543.75	-	0.01	DS	0.25	0.00	544.81	550.60	5.79	-	
	1.71			10.81	24.57	Yes	3.44	0.03	0.0005	0.003	541.86	541.86	0.50	0.18	Jct. Box	0.25	0.05	541.89	548.50	6.61	-	
	1.10			0.20	1.35	Yes	0.58	0.54	0.0002	0.004	543.45	543.45	0.02	0.01	Catch Basin	1.25	0.01	543.66	549.55	5.89	-	
	0.55			0.41	1.35	Yes	1.17	0.27	0.0004	0.007	543.26	543.25	0.05	0.02	Catch Basin	1.25	0.03	543.48	549.55	6.07	-	
	0.28			0.61	1.51	Yes	1.75	0.18	0.0006	0.011	543.01	543.00	0.08	0.05	Catch Basin	1.25	0.06	543.31	549.55	6.24	-	
	0.10			0.81	1.36	Yes	2.33	0.10	0.0007	0.010	542.86	542.85	-	0.08	Catch Basin	1.25	0.11	543.11	549.55	6.44	-	
	1.81			14.10	24.57	Yes	4.49	0.10	0.0007	0.019	543.52	543.50	0.18	0.31	Jct. Box	0.25	0.08	541.86	548.75	6.89	-	

