

LINE : "E"

Line	ToLine	LineLength (ft)	Incr Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	Rnfallnt (in/hr)	TotalRunoff (cfs)	AdnlFlow (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevUp (ft)	Inv ElevDn (ft)	HGLUp (ft)	HGLDn (ft)	Gmd/RimUp (ft)	Gmd/RimDn (ft)	Line ID		
1	Outfall	72.23	0	9.22	0.9	0	8.3	10	18	8.6	71.35	0	71.7	71.15	6.46	45	0.35	537.75	537.5	541.5	541.25	544.03	544.03	0	(0+72.23)BND	
2	1	137.47	0	9.22	0.9	0	8.3	10	17.7	8.6	71.7	0	69.55	85.81	7.46	42	0.73	539	538	542.45	541.79	546.04	544.03	544.03	0	E-1(2+09.70)LAT
3	2	133.64	0	8.9	0.9	0	8.01	10	17.4	8.7	69.55	0	69.55	77.35	7.23	42	0.59	539.79	539	543.74	543.11	547.3	546.04	546.04	0	E-2(3+43.34)MH
4	3	16.27	0	8.9	0.9	0	8.01	10	17.4	8.7	69.55	0	69.55	74.84	7.23	42	0.55	539.88	539.79	544.64	544.56	547.22	547.22	547.22	0	E-3(3+59.61)TJN
5	4	181.49	0	7.98	0.9	0	7.18	10	16.9	8.8	62.85	0	62.85	75.05	6.53	42	0.56	540.89	539.88	546.16	545.45	548.66	547.22	547.22	0	E-4(5+41.10)LAT
6	5	120.48	0	7.98	0.9	0	7.18	10	16.9	8.8	62.85	0	62.85	50.1	7.88	36	0.56	542.07	541.39	547.49	546.65	549.5	548.66	548.66	0	E-5(6+61.58)MH
7	6	196.84	0	4.56	0.9	0	4.1	10	11.1	9.6	39.51	0	39.51	74.38	6.65	33	1.98	546.21	542.32	549.56	548.46	553.03	549.5	549.5	0	E-6(8+58.22)MH
8	7	138.59	0	2.7	0.9	0	2.43	10	10.3	9.7	23.69	0	23.69	33.27	5.96	27	1.15	548.31	546.71	550.88	550.07	553.03	553.03	553.03	0	E-7(9+86.81)LAT
9	8	75.87	1.36	1.36	0.9	1.22	1.22	10	10	9.8	12	0	12	24.63	3.82	24	1.19	549.46	548.56	551.57	551.35	554.33	554.33	554.33	0	E-8(10+61.47)Y.I
10	2	56	0.32	0.32	0.9	0.29	0.29	10	10	9.8	2.82	0	2.82	15.11	1.6	18	2.07	541.16	540	543.15	543.11	546.04	546.04	546.04	0	E-1-1-PLUG
11	4	12.11	0.92	0.92	0.9	0.83	0.83	10	10	9.8	8.12	0	8.12	15.39	4.59	18	2.15	541.14	540.88	543.15	543.11	546.04	546.04	546.04	0	E-3-1-Y.I
12	5	17.41	0.94	0.94	0.9	0.85	0.85	10	10	9.8	8.29	0	8.29	16.17	0	18	1.67	548.67	546.71	552.85	550.07	556.41	556.41	556.41	0	E-4-1-C.I
13	7	117.25	0	1.86	0.9	0	1.67	10	10.9	9.7	16.17	0	16.17	8.2	0	18	1.67	552.98	548.92	555.45	553.96	559.06	559.06	559.06	0	E-8-1(1+17.25)LAT
14	13	243.27	0.93	0.93	0.9	0.84	0.84	10	10	9.8	8.2	0	8.2	13.57	4.64	18	1.67	550.05	548.92	555.45	553.96	559.06	559.06	559.06	0	E-6-2(3+60.52)C.I
15	13	27.79	0.93	0.93	0.9	0.84	0.84	10	10	9.8	8.2	0	8.2	21.18	4.64	18	4.07	550.05	548.92	555.45	553.96	559.06	559.06	559.06	0	E-6-1A(0+27.79)C.I
16	8	32	1.34	1.34	0.9	1.21	1.21	10	10	9.8	11.82	0	11.82	8.09	6.69	18	0.99	549.25	548.07	551.76	551.35	554.96	554.96	554.96	0	E-7-1-Y.I
17	6	18.82	0	2.48	0.9	0	2.23	10	10	9.8	19.62	0	19.62	22.12	6.25	24	0.56	543.25	543.07	548.6	548.46	549.66	549.66	549.66	0	E-5-1(0+18.82)LAT
18	17	135.4	0	1.45	0.9	0	1.31	10	16.2	8.9	11.55	0	11.55	15.34	4.8	21	0.94	544.77	543.5	549.84	549.12	550.87	550.87	550.87	0	E-5-2(1+54.22)LAT
19	18	122.8	0	0.42	0.9	0	0.38	10	15.2	9	3.4	0	3.4	7.76	1.92	18	0.55	545.69	545.02	550.32	550.2	551.82	551.82	551.82	0	E-5-3(2+77.20)LAT
20	91	46.51	10.0	10.0	9.0	10.0	10.0	01	01	8.9	90.0	0	90.0	79.7	50.0	81	85.0	87.545	86.545	93.055	73.055	73.055	28.155	28.155	0	GLP#48.29+2(4-5-E
21	17	23.6	1.03	1.03	0.9	0.93	0.93	10	10	9.8	9.09	0	9.09	10.31	3.78	21	0.42	543.35	543.25	549.19	549.12	550.25	550.25	550.25	0	E-5-1-A.C.I
22	18	26.72	1.03	1.03	0.9	0.93	0.93	10	10	9.8	9.09	0	9.09	4.54	5.14	18	0.19	544.82	544.87	550.4	550.2	551.32	551.32	551.32	0	E-5-2-A.C.I
23	19	22.47	0.41	0.41	0.9	0.37	0.37	10	10	9.8	3.62	0	3.62	7.35	2.05	18	0.49	545.6	545.69	550.4	550.37	552.2	551.82	551.82	0	E-5-3-A.C.I

LineNo.	Inlet ID	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q = CIA (cfs)	Q Carry-over (cfs)	Q Captured (cfs)	Q Bypassed (cfs)	JunctType	CurbHeight (in)	CurbLength (ft)	GrateArea (sqft)	GrateLength (ft)	GrateWidth (ft)	GutterSlope (ft/ft)	GutterWidth (ft)	CrossSlope (ft/ft)	SwCrossSlope, Sx (ft/ft)	LocalDepr. (in)	InletDepth (ft)	InletSpread (ft)	GutterDepth (ft)	GutterSpread (ft)	BypassLine No	
1	BND	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	E-1:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	E-2:MH	0	10	0	0.9	0	0	0	0	MH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	E-3:TJN	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	E-4:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	E-5:MH	0	10	0	0.9	0	0	0	0	MH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	E-6:MH	0	10	0	0.9	0	0	0	0	MH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	E-7:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	E-8:Y.I	1.36	10	9.8	0.9	12	0	12	0	Dp-Curb	6	11.31	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
10	E-1-1-PLG	0.32	10	9.8	0.9	2.82	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
11	E-3-1-Y.I	0.92	10	9.8	0.9	8.12	0	8.12	0	Dp-Curb	6	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
12	E-4-1-C.I	0.94	10	9.8	0.9	8.29	0	8.29	0	Curb	6	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
13	E-6-1:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	I.C.2-6-E	39.0	01	8.9	9.0	2.8	0	2.8	0	Curb	6	5.00	0	0	0	0	0	0	0	0	0	0	0	0	0	gaS
15	E-6-1A-C.I	0.93	10	9.8	0.9	8.2	0	8.2	0	Curb	6	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
16	E-7-1-Y.I	1.34	10	9.8	0.9	11.82	0	11.82	0	Dp-Curb	6	11.14	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
17	E-5-1:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	E-5-2:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	E-5-3:LAT	0	10	0	0.9	0	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	E-5-4:PLG	0.01	10	9.8	0.9	0.09	0	0	0	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
21	E-5-1-A.C.I	1.03	10	9.8	0.9	9.09	0	9.09	0	Curb	6	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
22	E-5-2-A.C.I	1.03	10	9.8	0.9	9.09	0	9.09	0	Curb	6	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag
23	E-5-3-A.C.I	0.41	10	9.8	0.9	3.62	0	3.62	0	Curb	6	5.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sag

Line	PipeSize (in)	Q (cfs)	Inv ElevDn (ft)	HGLDn (ft)	DepthDn (ft)	AreaDn (sqft)	VelocDn (ft/s)	Vel HdDn (ft)	EGLDn (ft)	SfDn (%)	LineLength (ft)	Inv ElevUp (ft)	HGLUp (ft)	DepthUp (ft)	AreaUp (sqft)	VelocUp (ft/s)	Vel HdUp (ft)	EGLUp (ft)	SfUp (%)	SfAve (%)	EnergyLoss (ft)	JLCCoeff (K)	MinorLoss (ft)	Line ID
1	45	71.35	537.5	541.25	3.75	11.04	6.46	0.65	541.9	0.348	72.23	537.75	541.5	3.75	11.04	6.46	0.65	542.15	0.345	0.346	0.25	0.45	0.29	(0+72.23)BND
2	42	71.7	538	541.79	3.5	9.62	7.45	0.86	542.66	0.508	137.47	539	542.45	3.45	9.6	7.47	0.87	543.32	0.463	0.486	0.668	0.75	0.65	E-1(2+09.70)LAT
3	42	69.55	539	543.11	3.5	9.62	7.23	0.81	543.92	0.478	133.64	539.79	543.74	3.5	9.62	7.23	0.81	544.56	0.478	0.478	0.639	1	0.81	E-2(3+43.34)MH
4	42	69.59	539.79	544.56	3.5	9.62	7.23	0.81	545.37	0.479	16.27	539.88	544.64	3.5	9.62	7.23	0.81	545.45	0.478	0.478	0.639	1	0.81	E-3(3+59.61)TJN
5	42	62.85	539.88	545.45	3.5	9.62	6.53	0.66	546.11	0.39	181.49	540.89	546.16	3.5	9.62	6.53	0.66	546.82	0.39	0.39	0.708	0.75	0.5	E-4(5+41.10)LAT
6	36	55.66	541.39	546.65	3	7.07	7.88	0.96	547.62	0.697	120.48	542.07	547.49	3	7.07	7.87	0.96	548.46	0.697	0.697	0.839	1	0.96	E-5(6+61.58)MH
7	33																							