

LINE : "C"

Line	ToLine	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	RnfallInt (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)	Gnd/RimUp (ft)	Gnd/RimDn (ft)	Line ID
1	Outfall	52.15	0	6.18	0.9	0	5.56	10	12	9.5	52.71	0	52.71	70.34	8.75	36	1.11	541.08	540.5	543.39	542.96	547.51	0	C-1(0+52.15)BND
2	1	166.6	0	6.18	0.9	0	5.56	10	11.8	9.5	52.95	0	52.95	73.97	10.94	30	3.25	547	541.58	549.34	544.34	552.84	547.51	C-2(2+18.75)MH
3	2	287.44	0	1.52	0.9	0	1.37	10	11.1	9.6	13.16	0	13.16	13.43	7.45	18	1.64	552.7	548	555.48	550.96	552.84	547.51	C-3(5+06.19)BND
4	3	47.78	0	1.52	0.9	0	1.37	10	11	9.6	13.19	0	13.19	21.8	7.46	18	4.31	554.76	552.7	558.97	556.21	559.63	557.97	C-4(5+553.97)BND
5	4	8.33	0	1.52	0.9	0	1.37	10	11	9.6	13.19	0	13.19	9.63	7.46	18	0.84	554.76	554.83	559.69	559.69	560.71	559.39	C-5(5+62.3)LAT
6	5	220.65	0	0.76	0.9	0	0.68	10	10	9.8	6.7	0	6.7	6.7	3.79	18	0.84	556.69	554.83	559.69	559.69	560.71	559.39	C-6(7+82.95)BND
7	6	4.96	0.76	0.76	0.9	0.68	0.68	10	10	9.8	6.7	0	6.7	10.54	3.79	18	1.01	556.74	556.69	559.79	559.79	560.71	560.85	C-7(7+87.92)C.I
8	2	8.26	0	3.58	0.9	0	3.22	10	11.5	9.6	30.82	0	30.82	71.35	6.28	30	3.03	547.25	547	551.01	550.96	552.89	552.84	C-2-1(0+08.26)LAT
9	8	52.031	0	85.3	0	0	22.3	01	1.11	6.9	13	0	13	25.24	23.6	03	70.1	56.845	52.745	58.155	1.155	93.455	98.255	TAL)15.83+1(2-2-C
10	9	149.26	0	2.83	0.9	0	2.55	10	10.8	9.7	24.63	0	24.63	24	7.84	24	1.13	550.83	549.15	553.9	552.13	556.25	554.39	C-2-3(2+87.77)LAT
11	10	106.88	0	1.54	0.9	0	1.39	10	10.8	9.7	13.46	0	13.46	11.17	7.62	18	1.13	552.54	551.33	556.37	554.61	557.36	556.25	C-2-4(4+14.05)Y.I
12	11	19.4	0.51	0.51	0.9	0.46	0.46	10	10	9.8	4.5	0	4.5	11.18	2.55	18	1.13	552.76	552.54	557.17	557.14	558.16	557.36	C-2-1A(0+48.24)C.I
13	2	48.24	1.08	1.08	0.9	0.97	0.97	10	10	9.8	9.53	0	9.53	8.83	3.96	21	0.31	547.9	547.75	551.14	550.96	553.23	552.84	C-2-4(3+94.65)LAT
14	9	36.82	0.75	0.75	0.9	0.68	0.68	10	10	9.8	6.62	0	6.62	5.74	3.74	18	0.3	548.76	548.65	552.27	552.13	554.82	554.39	C-2-2A(0+36.82)C.I
15	10	34.28	1.29	1.29	0.9	1.16	1.16	10	10	9.8	11.38	0	11.38	10.22	3.62	24	0.2	550.9	550.83	554.7	554.61	556.25	556.25	C-2-3A(0+34.28)C.I
16	11	175.02	1.03	1.03	0.9	0.93	0.93	10	10	9.8	9.09	0	9.09	5.72	5.14	18	0.3	553.06	552.54	558.45	557.14	561.33	557.36	C-2-4A(1+75.02)Y.I
17	5	5	0.76	0.76	0.9	0.68	0.68	10	10	9.8	6.7	0	6.7	6.63	3.79	18	0.4	555.1	555.08	558.72	558.7	561.21	559.39	C-5-1-C.I

LineNo.	Inlet ID	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q =CIA (cfs)	Q Carry-over (cfs)	QCaptured (cfs)	QBypassed (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	C-1-BND	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	C-2-MH	0	10	0	0.9	0	.....	.....	.....	MH	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	C-3-BND	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	C-4-C.I	0	10	0	0.9	0	0	0	0	Curb	6	5.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
5	C-5-LAT	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	C-6-BND	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	C-7-C.I	0.76	10	9.8	0.9	6.7	0	6.7	0	Curb	6	11.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
8	C-2-1-LAT	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	C-2-2-LAT	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	C-2-3-LAT	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	C-2-4-LAT	0	10	0	0.9	0	.....	.....	.....	None	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	C-2-5-Y.I	0.51	10	9.8	0.9	4.5	0	4.5	0	Dp-Curb	6	4.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
13	C-2-1A-C.I	1.08	10	9.8	0.9	9.53	0	9.53	0	Curb	6	10.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
14	C-2-2A-C.I	0.75	10	9.8	0.9	6.62	0	6.62	0	Curb	6	5.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
15	C-2-3A-C.I	1.29	10	9.8	0.9	11.38	0	11.38	0	Curb	6	10.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
16	C-2-4A-Y.I	1.03	10	9.8	0.9	9.09	0	9.09	0	Dp-Curb	6	8.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag
17	C-5-1-C.I	0.76	10	9.8	0.9	6.7	0	6.7	0	Curb	6	5.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sag

Line	PipeSize (in)	Q (cfs)	Inv ElevDn (ft)	HGLDn (ft)	DepthDn (ft)	AreaDn (sqft)	VelocDn (ft/s)	Vel HdDn (ft)	EGLDn (ft)	SDn (%)	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	36	52.71	540.5	542.96	2.46	6.2	8.5	1.12	544.08	0.624	52.15	541.08	543.39	2.31**	5.85	9.01	1.26	544.66	0.705	0.665	0.347	0.75	0.95	C-1(0+52.15)BND
2	30	52.95	541.58	544.34	2.5	4.91	10.79	1.81	546.15	1.667	166.6	547	549.34	2.34**	4.77	11.09	1.91	551.25	1.44	1.554	2.589	0.85	1.63	C-2(2+18.75)MH
3	18	13.16	548	550.96	1.5	1.77	7.45	0.86	551.83	1.572	287.44	552.7	555.48	1.5	1.77	7.45	0.86	556.34	1.571	1.571	4.517	0.85	0.73	C-3(5+06.19)BND
4	18	13.19	552.7	556.21	1.5	1.77	7.46	0.87	557.08	1.577	47.78	554.76	556.97	1.5	1.77	7.46	0.87	557.83	1.577	1.577	0.754	1.1	0.95	C-4(5+553.97)BND
5	18	13.19	554.76	557.92	1.5	1.77	7.47	0.87	558.79	1.578	8.33	554.83	558.05	1.5	1.77	7.46	0.87	558.92	1.578	1.578	0.131	0.75	0.65	C-5(5+62.3)LAT
6	81	7.6	38.455	7.855	5.1	77.1	97.3	22.0	39.855	704.0	56.022	96.655	6.955	5.1	77.1	97.3	22.0	28.955	704.0	704.0	998.0	57.0	71.0	DNB)59.28+7(6-C
7	18	6.7	556.69	559.77	1.5	1.77	3.79	0.22	559.99	0.408	4.96	556.74	559.79	1.5	1.77	3.79	0.22	560.01	0.408	0.408	0.02	1	0.22	C-7(7+87.92)C.I
8	30	30.82	547	550.96	2.5	4.91	6.28	0.61	551.58	0.565	8.26	547.25	551.01	2.5	4.91	6.28	0.61	551.62	0.565	0.565	0.047	0.15	0.09	C-2-1(0+08.26)LAT
9	30	31	547.25	551.1	2.5	4.91	6.32	0.62	551.72	0.571	130.25	548.65	551.85	2.5	4.91	6.31	0.62	552.47	0.571	0.571	0.744	0.45	0.28	C-2-2(1+38.51)LAT
10	24	24.63	549.15	552.13	2	3.14	7.84	0.96	553.08	1.187	149.26	550.83	553.9	2	3.14	7.84	0.96	554.85	1.186	1.187	1.771	0.75	0.72	C-2-3(2+87.77)LAT
11	18	13.46	551.33	554.61	1.5	1.77	7.62	0.9	555.52	1.643	106.88	552.54	556.37	1.5	1.77	7.62	0.9	557.27	1.642	1.643	1.756	0.85	0.77	C-2-4(3+94.65)LAT
12	18	4.5	552.54	557.14	1.5	1.77	2.55	0.1	557.24	0.184	19.4	552.76	557.17	1.5	1.77	2.55	0.1	557.27	0.184	0.184	0.036	1	0.1	C-2-5(4+14.05)Y.I
13	21	9.53	547.75	550.96	1.75	2.4	3.96	0.24	551.21	0.362	48.24	547.9	551.14	1.75	2.41	3.96	0.24	551.38	0.362	0.362	0.175	1	0.24	C-2-1A(0+48.24)C.I
14	18	6.62	548.65	552.13	1.5	1.77	3.74	0.22	552.34	0.397	36.82	548.76	552.27	1.5	1.77	3.74	0.22	552.49	0.397	0.397	0.146	1	0.22	C-2-2A(0+36.82)C.I
15	24	11.38	550.83	554.61	2	3.14	3.62	0.2	554.82	0.253	34.28	550.9	554.7	2	3.14	3.62	0.2	554.9	0.253	0.253	0.087	1	0.2	C-2-3A(0+34.28)C.I
16	18	9.09	552.54	557.14	1.5	1.77	5.14	0.41	557.55	0.749	175.02	553.06	558.45	1.5	1.77	5.14	0.41	558.86	0.749	0.749	1.31	1	0.41	C-2-4A(1+75.02)Y.I
17	18	6.7	555.08	558.7	1.5	1.77	3.79	0.22	558.93	0.408	5	555.1	558.72	1.5	1.77	3.79	0.22	558.95	0.408	0.408	0.02	1	0.22	C-5-1-C.I

LINE : "D"

Line	ToLine	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	RnfallInt (in/hr)	TotalRunoff (cfs)	AdnlFlow (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s
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