LINE : "A"

Line	ToLine	LineLength	Incr.Area	TotalArea	RunoffCoeff.	IncrC x A	TotalC x A	InletTime	TimeConc	RnfallInt	TotalRunoff	AdnlFlow	TotalFlow	CapacFull	Veloc	PipeSize	PipeSlope	Inv ElevUp	Inv ElevDn	HGLUp	HGLDn	Grnd/RimUp	Grnd/RimDn	Line ID
		(ft)	(ca)	(ca)	(C)			(min)	(min)	(in/hr)	(cfs)	(cfs)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
1	Outfall	194.74	6.54	6.54	0.9	5.89	5.89	10	10	9.8	57.69	0	57.69	56.61	11.77	30	1.91	545.59	541.88	548.06	544.38	551	0	A-1

Line	PipeSize	Q	Inv ElevDn	HGLDn	DepthDn	AreaDn	VelocDn	Vel HdDn	EGLDn	SfDn	LineLength	Inv ElevUp	HGLUp	DepthUp	AreaUp	VelocUp	Vel HdUp	EGLUp	SfUp	SfAve	EnergyLoss	JLCCoeff	MinorLoss	Line ID
	(in)	(cfs)	(ft)	(ft)	(ft)	(sqft)	(ft/s)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(ft)	(sqft)	(ft/s)	(ft)	(ft)	(%)	(%)	(ft)	(K)	(ft)	
1	30	57.69	541.88	544.38	2.5	4.91	11.75	2.15	546.53	1.979	194.74	545.59	548.06	2.47	4.9	11.78	2.16	550.22	1.808	1.894	3.688	1	2.16	A-1

LINE : "B"

Line	ToLine	LineLength	Incr.Area	TotalArea	RunoffCoeff.	IncrC x A	TotalC x A	InletTime	TimeConc	RnfallInt	TotalRunoff	AdnlFlow	TotalFlow	CapacFull	Veloc	PipeSize	PipeSlope	Inv ElevUp	Inv ElevDn	HGLUp	HGLDn	Grnd/RimUp	Grnd/RimDn	Line ID
		(ft)	(ac)	(ac)	(C)			(min)	(min)	(in/hr)	(cfs)	(cfs)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
1	Outfall	38.04	0.83	2.87	0.9	0.75	2.58	10	11.2	9.6	24.73	0	24.73	23.03	5.04	30	0.32	542.33	542.21	544.83	544.71	546.83	0	B-1(0+38.04)G.I
2	1	58.13	0	1.89	0.9	0	1.7	10	11	9.6	16.35	0	16.35	16.24	4.11	27	0.28	542.74	542.58	545.58	545.42	547.95	546.83	B-2(0+96.17)LAT
3	2	107.52	0	1.71	0.9	0	1.54	10	10.6	9.7	14.89	0	14.89	20.23	4.74	24	0.8	543.86	543	546.25	545.78	550.98	547.95	B-3(2+03.69)LAT
4	3	146.4	0.85	1.31	0.9	0.77	1.18	10	10.2	9.7	11.47	0	11.47	9.39	6.49	18	0.8	545.53	544.36	548.26	546.51	549.32	550.98	B-4(3+50.09)G.I
5	4	31.56	0.46	0.46	0.9	0.41	0.41	10	10	9.8	4.04	0	4.04	5.61	2.29	18	0.29	545.62	545.53	549.29	549.24	551	549.32	B-5(3+81.65)PLG
6	1	32.93	0.15	0.15	0.9	0.14	0.14	10	10	9.8	1.32	0	1.32	26.96	1.91	18	6.59	545	542.83	545.44	545.42	549	546.83	B-1-1:PLG
7	2	40.41	0.18	0.18	0.9	0.16	0.16	10	10	9.8	1.58	0	1.58	27.54	2.07	18	6.88	546.73	543.95	547.21	545.78	550.73	547.95	B-2-1:PLG
8	3	18.33	4.0	4.0	9.0	63.0	63.0	01	01	8.9	25.3	0	25.3	79.12	11.3	81	83.4	64.845	89.645	81.945	84.845	64.255	89.055	GLP:1-3-B

LineNo.	Inlet ID	Area	InletTime	Int.	RunoffCoeff.	Q =CIA	Q Carry-over	QCaptured	QBypassed	JunctType	CurbHeight	CurbLength	GrateArea	GrateLength	GrateWidth	GutterSlope	GutterWidth	CrossSlope, Sw	CrossSlope, Sx	LocalDepr.	InletDepth	InletSpread	GutterDepth	GutterSpread	BypassLine No.
		(ac)	(min)	(in/hr)	(C)	(cfs)	(cfs)	(cfs)	(cfs)		(in)	(ft)	(sqft)	(ft)	(ft)	(ft/ft)	(ft)	(ft/ft)	(ft/ft)	(in)	(in)	(ft)	(ft)	(ft)	
1	B-1:G.I	0.83	10	9.77	0.9	7.3	0	7.3	0	Grate	....	....	5.21	2.29	2.96	Sag	2	0.1	0.03	2	0.44	9.25	0.42	9.25	Sag
2	B-2:LAT	0	10	0	0.9	0	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	B-3:LAT	0	10	0	0.9	0	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	B-4:G.I	0.85	10	9.77	0.9	7.47	0	7.47	0	Grate	....	....	5.21	2.29	2.96	Sag	2	0.1	0.03	2	0.45	9.49	0.42	9.49	Sag
5	B-5:PLG	0.46	10	9.77	0.9	4.04	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	B-1-1:PLG	0.15	10	9.77	0.9	1.32	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	B-2-1:PLG	0.18	10	9.77	0.9	1.58	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	B-3-1:PLG	0.4	10	9.77	0.9	3.52	....	....	....	None	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Line	PipeSize	Q	Inv ElevDn	HGLDn	DepthDn	AreaDn	VelocDn	Vel HdDn	EGLDn	SfDn	LineLength	Inv ElevUp	HGLUp	DepthUp	AreaUp	VelocUp	Vel HdUp	EGLUp	SfUp	SfAve	EnergyLoss	JLCCoeff	MinorLoss	Line ID
	(in)	(cfs)	(ft)	(ft)	(ft)	(sqft)	(ft/s)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(ft)	(sqft)	(ft/s)	(ft)	(ft)	(%)	(%)	(ft)	(K)	(ft)	
1	30	24.73	542.21	544.71	2.5	4.91	5.04	0.39	545.1	0.364	38.04	542.33	544.83	2.5	4.91	5.04	0.39	545.22	0.361	0.363	0.138	1.5	0.59	B-1(0+38.04)G.I
2	27	16.35	542.58	545.42	2.25	3.98	4.11	0.26	545.68	0.279	58.13	542.74	545.58	2.25	3.98	4.11	0.26	545.85	0.279	0.279	0.162	0.75	0.2	B-2(0+96.17)LAT
3	24	14.89	543	545.78	2	3.14	4.74	0.35	546.13	0.433	107.52	543.86	546.25	2	3.14	4.74	0.35	546.6	0.433	0.433	0.466	0.75	0.26	B-3(2+03.69)LAT
4	18	11.47	544.36	546.51	1.5	1.77	6.49	0.66	547.16	1.194	146.4	545.53	548.26	1.5	1.77	6.49	0.66	548.91	1.194	1.194	1.748	1.5	0.98	B-4(3+50.09)G.I
5	18	4.04	545.53	549.24	1.5	1.77	2.29	0.08	549.32	0.148	31.56	545.62	549.29	1.5	1.77	2.29	0.08	549.37	0.148	0.148	0.047	1	0.08	B-5(3+81.65)PLG
6	81	23.1	38.245	24.545	5.1	77.1	57.0	10.0	34.545	610.0	39.23	545	44.545	**44.0	34.0	70.3	51.0	85.545	654.0	632.0	870.0	1	51.0	GLP:1-1-B
7	18	1.58	543.95	545.78	1.5	1.77	0.9	0.01	545.79	0.023	40.41	546.73	547.21	0.48**	0.49	3.24	0.16	547.37	0.461	0.242	0.098	1	0.16	B-2-1:PLG
8	18	3.52	546.98	548.48	1.5	1.77	1.99	0.06	548.54	0.112	33.81	548.46	549.18	0.72**	0.83	4.23	0.28	549.45	0.527	0.319	0.108	1	0.28	B-3-1:PLG

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ROCKWALL CROSSING
26.09 AC.
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

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DATE: 5/31/06