



EXISTING PROFILE OUTPUT TABLE

Profile Output Table - Standard Table 1
HEC-RAS Plan: Plan 01 River: Farmers Branch C Reach: Greenhill Profile: 100 YR

Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)
Greenhill	826.00	1950.00	577.73	582.09	581.98	583.61	0.011456	9.92	196.57	59.63
Greenhill	729.00	1950.00	575.98	580.81	580.81	582.44	0.012504	10.24	190.37	58.85
Greenhill	629.00	1950.00	574.57	580.35	581.76	581.76	0.009517	9.52	204.84	57.17
Greenhill	529.00	1950.00	573.84	580.06	581.28	581.28	0.007743	8.88	219.67	56.25
Greenhill	429.00	1950.00	573.46	579.96	580.88	580.88	0.005146	7.69	253.62	51.42
Greenhill	329.00	1950.00	573.35	580.23	580.65	580.65	0.020909	5.22	373.31	53.01
Greenhill	229.00	1950.00	572.89	580.14	580.45	580.45	0.001317	4.44	438.88	87.80
Greenhill	129.00	1950.00	572.63	579.72	580.36	580.36	0.003248	6.43	303.31	67.60
Greenhill	29.00	1950.00	572.64	579.29	580.03	580.03	0.004686	7.03	302.83	128.44
Greenhill	288.00	1950.00	571.19	579.53	579.70	579.70	0.000761	3.73	700.24	256.97
Greenhill	243.00	1950.00	571.58	579.50	579.68	579.68	0.000868	3.76	672.31	265.41
Greenhill	202.00	1950.00	571.76	579.21	576.83	579.61	0.001609	5.18	401.85	274.93
Greenhill	177.00	1950.00	571.10	579.16	574.88	579.57	0.000925	5.19	375.87	313.99
Greenhill	88.50	1950.00	569.75	576.00	573.57	576.71	0.002210	6.77	287.94	53.50
Greenhill	0.00	1950.00	569.75	576.00	573.57	576.71	0.002210	6.77	287.94	53.50

CULVERT OUTPUT TABLE 88.5

Plan 01 Farmers Branch C Greenhill
RS: 88.5 Profile: 100 YR
Culvert ID: Culvert #1
Culv Q (cfs)

# Barrels	1950.00	Culv Full Lngth (ft)	176.00
Q Barrel (cfs)	487.5	Culv Vel US (ft/s)	16.83
E.G. US (ft)	679.57	Culv Inv El Up (ft)	571.1
W.S. US (ft)	679.16	Culv Inv El Dn (ft)	566.75
E.G. DS (ft)	576.71	Culv Frch Ls (ft)	0.84
W.S. DS (ft)	576	Culv Ext Lss (ft)	1.11
Delta EG (ft)	2.66	Culv Ent Lss (ft)	0.91
Delta WS (ft)	3.16	Q Weir (cfs)	
E.G. IC (ft)	579.45	Weir Sta Lft (ft)	
E.G. OC (ft)	579.57	Weir Sta Rgt (ft)	
Culvert Control	Outlet	Weir Submerg	
Culv WS Inlet (ft)	576.1	Weir Max Depth (ft)	
Culv WS Outlet (ft)	574.75	Weir Avg Depth (ft)	
Culv Nml Depth (ft)		W/Fiw Area (sq ft)	
Culv Crd Depth (ft)	4.5	Min El Weir Flow (ft)	580.01



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NO.	DATE	REVISION				
Pacheco Koch Consulting Engineers 8350 N CENTRAL EXPWY SUITE 1000 DALLAS, TEXAS 75206 972.235.3031						
FLOODPLAIN STUDY DETAILS						
EXISTING CONDITIONS						
GREENHILL SCHOOL						
GREENHILL SCHOOL ADDITION						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
BJM	FJM	NOV. 2003				C3.3

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