

CULVERT FILE: EX31803
TAILWATER FILE: 3180

FHWA CULVERT ANALYSIS
HY8, VERSION 6.0

DATE: 10-06-98
CULVERT NO. 1 OF 1

***** UNIFORM FLOW RATING CURVE FOR DOWNSTREAM CHANNEL

FLOW (m ³ /s)	W.S.E (m)	FROUDE NUMBER	DEPTH (m)	VEL. (m/s)	SHEAR (Pa)
0.00	57.11	0.000	0.00	0.00	0.00
0.63	57.46	0.267	0.35	0.47	2.97
1.26	57.63	0.280	0.52	0.59	4.17
1.89	57.77	0.287	0.66	0.68	5.03
2.52	57.88	0.293	0.77	0.74	5.84
3.15	57.97	0.299	0.86	0.81	6.61
3.78	58.05	0.304	0.94	0.87	7.28
4.20	58.10	0.307	0.99	0.90	7.76
5.04	58.19	0.312	1.08	0.96	8.52
5.67	58.20	0.312	1.09	0.97	8.57
6.30	58.20	0.312	1.09	0.97	8.57

Note: Shear stress was calculated using R.

PRESS <D> FOR DATA
<P> TO PLOT RATING CURVE
<ESC> FOR CHANNEL SHAPE MENU
<ENTER> TO CONTINUE

1-Help 2-Progr 3 4 5-End 6 7 8 9-DOS 10

HY8 RATING CURVE PROMPT SCREEN

Figure 31-8D