

CULVERT FILE: HDS5EX1

DATE: 10-10-1998

TAILWATER FILE: AP-GDEX1

CULVERT NO. 1 OF 1

FHWA CULVERT ANALYSIS
HY-8, VERSION 6.0

SUMMARY TABLE FOR FILE 2400

	<S> SITE DATA			<C> CULVERT SHAPE, MATERIAL, INLET				
CULV. NO.	INLET ELEV. (m)	OUTLET ELEV. (m)	CULVERT LENGTH (m)	BARRELS SHAPE MATERIAL	SPAN (mm)	RISE (mm)	MANNING n	INLET TYPE
1	57.20	57.11	90.00	1 RCB	2100	1200	0.012	CONVENTIONAL
2								
3								
4								
5								
6								

HEADWATER ELEVATION (m)

ENTER ALLOWABLE = 58.49
CONTROLLING = 58.47
INLET CONTROL = 58.36
OUTLET CONTROL = 58.47

FLOW VELOCITY (m/s)

V CULVERT = 2.02
V CHANNEL = 0.90
Q (m³/s) = 4.20
SLOPE = 0.0010

FLOW DEPTHS (m)

CULVERT = 0.99
CHANNEL = 0.99
NORMAL = 1.20
CRITICAL = 0.74

MAXIMUM HEADWATER

<ENTER> TO RETURN
<H> TO CHANGE HEADWATER
<S> TO SAVE FILE

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

HY8 MINIMIZATION ROUTINE TABLE PROMPT SCREEN

Figure 31-8L