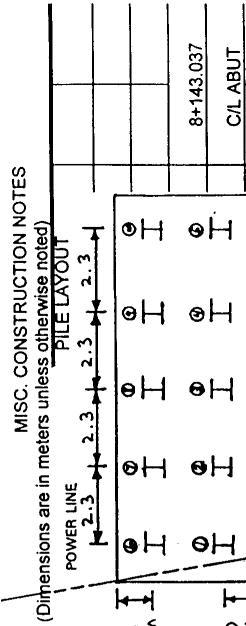


WDFD-472 U.S. DEPARTMENT OF TRANSPORTATION PAGE: ___
 3/83 FEDERAL HIGHWAY ADMINISTRATION
 VANCOUVER, WASHINGTON



MISC. CONSTRUCTION NOTES
 (Dimensions are in meters unless otherwise noted)

PILE NO.	GROUND ELEVATION	BLOWS per 25 mm	55101 meters	55106 EACH
1	238.354	6	13.11	1
2	238.354	7	12.14	
3	238.354	7	12.04	
4	238.354	6	12.42	
5	238.354	6	13.01	
6	238.354	6	12.80	1
7	238.354	7	12.09	
8	238.354	7	12.05	
9	238.354	8	12.44	
10	238.354	6	12.87	
TOTAL			125.0	2

COMPUTED BY: TB DATE: 1/12/98
 CHECKED BY: JKD DATE: 1/12/98

DATE: _____ LINE: _____ PARTY: _____
 PROJECT: _____ ITEM 55101 _____ PILES, IN PLACE
 STAMP

PILE DRIVING RECORD				
STRUCTURE: BOULDER CREEK BRIDGE DATE: 1/10/98				
LOCATION: ABUT # 2 PILE TYPE: HP 250 X 85				
HAMMER NAME & MODEL: DELMAG D8-22				
HAMMER ENERGY: 23.87 kN-m				
REQUIRED BEARING: 440 kN				
PILE NO.	IN LEADS	CUT OFF LENGTH (m)	CUT OFF ELEVATION	TIP ELEV
1**	7.62	0.229	238.658	225.552
2	7.62	1.905	238.658	
3	15.24	3.100	238.658	226.518
4	15.24	3.200	238.658	226.619
5	15.24	2.819	238.658	226.238
6**	15.24	2.234	238.658	225.653
7	7.62	0.305	238.658	225.857
8	7.62	1.600	238.658	
9	15.24	2.643	238.658	226.564
10	15.24	2.691	238.658	226.613
TOTAL	152.4	24.841		
**	Length restricted to 7.62 m due to power lines over abutment			