FOR INFORMATIONAL PURPOSES ONLY

PRODUCTION PILE DATA TABLE

BENT CASE	PILE TYPE & SIZE	SOIL RESISTANCE FACTOR (ϕ)		MINIMUM PILE EMBEDMENT LENGTH
		SERVICE	STRENGTH (COMPRESSION)	
1	16"ø STEEL PIPE			
1	HP 14x89			
2	16"ø STEEL PIPE			
2	HP 14x89			
*	TIMBER			

* FOR TIMBER PILES "A" THROUGH "F" AT BULKHEAD. SEE BULKHEAD AND GUARD RAIL DETAILS SHEET FOR MORE INFORMATION.

NOTES:

SEE BENT CONFIGURATION DETAILS AND PILE LOADS SHEET FOR PILE LOADS.

SEE GENERAL NOTES SHEET FOR PILE SPECIFICATIONS.

DETERMINATION OF PILE BEARING CAPACITY: THE PILE BEARING CAPACITY DETERMINATION SHALL BE MADE BY THE USE OF THE DYNAMIC EQUATION.

MINIMUM PILE EMBEDMENT DEPTH: THIS IS THE MINIMUM PILE PENETRATION BELOW THE SURVEYED OR EXISTING GROUND SURFACE (WHICHEVER IS LOWER) REQUIRED TO RESIST THE APPLIED LOADS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE MINIMUM TIMBER PILE EMBEDMENT LENGTHS FOR THE BULKHEAD. (EXCLUDING TIMBER PILES "A" THROUGH "F".

SHEET NUMBER
PARISH
CONTROL SECTION
STATE PROJECT
DESIGNED CHECKED
DETAILED CHECKED
REVIEWED
SERIES # 5 OF 13
NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY
STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
PRODUCTION PILE DATA TABLE
BD.2.8.2.0.05 STEEL PANEL DETOUR BRIDGE
BRIDGE & STRUCTURAL DESIGN
7/3/2013 14:20
IP_PWP:dms55670\Steel Panel Detour Bridge 5.dgn