

REVISIONS

MIN. LAP *TABLE* 

ELEV

EA 03BEIR 1'-2" EA 03BEIR 1'-2" EA 03BEIR 1'-2" EA 03BEIR 1'-2"

## **SUBSTRUCTURE** CONCRETE **QUANTITIES**

POUR	AMT (CYDS)
Α	4.5
В	4.5
С	4.5
D	4.5

## **MISCELLANEOUS QUANTITIES**

18 CYD SUBSTRUCTURE CONC.

1,160 LB REINFORCEMENT STEEL, EXPOXY COATED

## **NOTES:**

BENCH

ALL PERMANENT STEEL SHEET PILING SHALL BE ASTM A-572, PZ-22, WHERE ALLOWED BY THE ENGINEER, SELECT ALTERNATE HOT ROLLED SHEET PILING WITH A NOMINAL SECTION MODULUS OF AT LEAST 18.1 CUBIC INCHES PER FOOT OF WALL.

ALL LABOR AND MATERIALS REQUIRED FOR CONSTRUCTION OF THE PERMANENT STEEL SHEET PILING REQUIRED FOR CONSTRUCTION OF THE PERMANENT STEEL SHEET PILING WITH TIE NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE PAVEMENT FOR 'STEEL SHEET PILING, PERMANENT'.

TIE RODS SHALL BE PLACED AND TIGHTENED BEFORE CASTING THE CONCRETE FACING.  $\,$ 

THE USE OF VIBRATORY HAMMERS FOR INSTALLING SHEET PILINGS SHALL NOT BE ALLOWED.

TOP ROW OF SHEAR STUDS SHALL BE 3" BELOW THE TOP OF SHEETING AND ADDITITIONAL ROWS SHALL BE SPACED VERTICALLY AT 1'-6" MAX. BOTTOM

SHEAR STUDS SHALL NOT BE PAID SEPARATELY BUT ARE INCLUDED IN PAYMENT FOR "STEEL SHEET PILING, PERMANENT".

INSTALL RAILING REINFORCEMENT PRIOR TO POURING CONCRETE CAP ON RETAINING WALL PRIOR TO POURING CONCRETE CAP ON RETAINING WALL.

THE CONTRACTOR SHALL PROVIDE & INSTALL A MAT OF 6X6-D6XD6 WELDED WIRE FABRIC IN THE FRONT FACE OF SHEET PILING CAP WHERE STANDARD REINFORCEMENT IS NOT SHOWN. THE COST TO PROVIDE AND INSTALL THE WIRE FABRIC S INCLUDED IN "STEEL SHEET PILING, PERMANENT". PROVIDE A MINIMUM OF 2" OF CLEAR COVER ON ALL SIDES.

PRIOR TO DRIVING PERMANENT SHEETING, THE CONTRACTOR SHALL ANCHOR L 6"X6"X\footnote{1}". ANGLES TO THE PEDESTAL WALL, CULVERT AND HEADWALL TO USE AS A DRIVING GUIDE FOR THE SHEEP PILING, ANGLES SHALL BE ATTACHED UTILIZING EITHER \footnote{1}". ANGLES ON \footnote{1}". EXPANSION ANCHORED BOLTS CHOSEN FROM THE QUALIFIED PRODUCT LIST.

AFTER DRIVING PILING, ATTACHED WEB OF PILING TO OUTSTANDING LEG OF ANGLES WITH ¾" HIGH STRENGTH BOLTS. ALL WORK AND MATERIALS FOR ANGLES AND CONNECTORS ARE INCLUDED IN "STEEL SHEET PILING, PERMANENT".

LOW TEMPERATURE PROTECTION OF CONCRETE SHALL BE APPLIED ACCORDING TO SECTION 706.030 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. LOW TEMPERATURE PROTECTION OF CONCRETE WALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE BID ITEM "SUBSTRUCTURE CONC".

WEST PARKWAY CULVERT OVER ASHCROFT - SHERWOOD DRAIN

CONTRACT ASSIGNMENT NO.

SHEET PILE WALL DETAILS