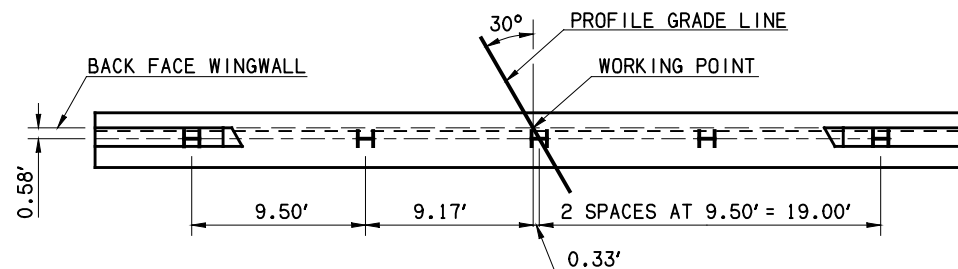
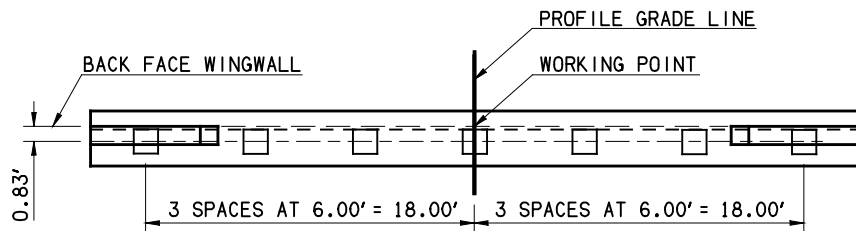


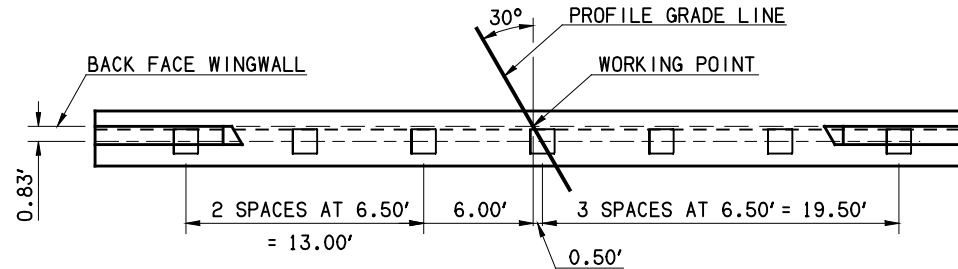
HP10X42 PILES
(5 TOTAL) 1



HP10X42 PILES
(5 TOTAL) 1



16"Ø CONCRETE PILES
(7 TOTAL)



16"Ø CONCRETE PILES
(7 TOTAL)

0° SKEW FIXED ABUTMENT

30° SKEW FIXED ABUTMENT

LEFT FORWARD SKEW SHOWN, RIGHT FORWARD SKEW OPPOSITE HAND

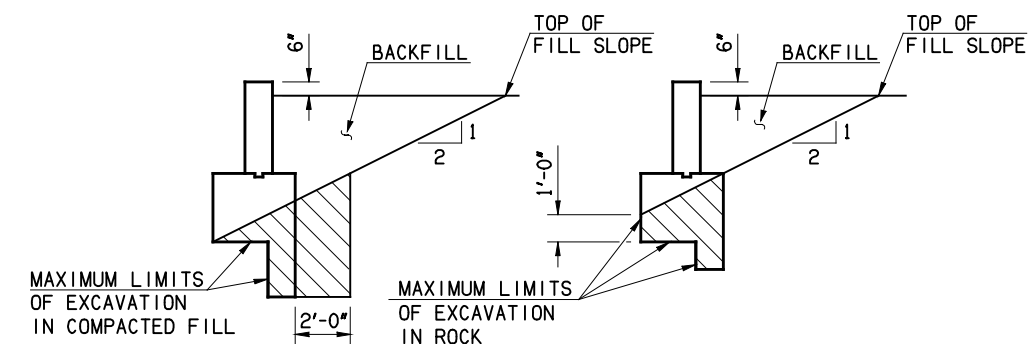
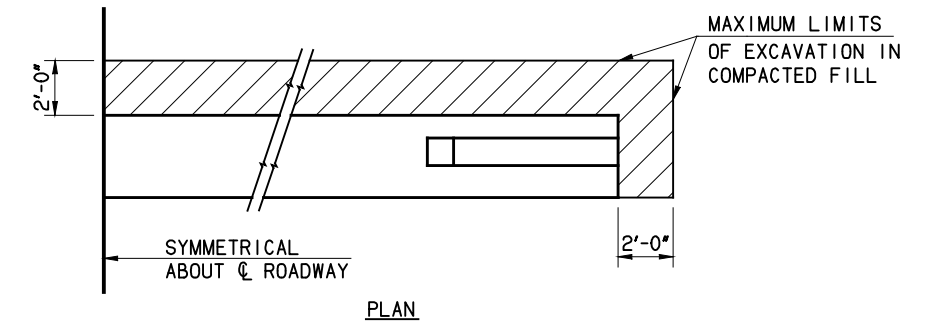
PILING LAYOUT PLANS

NOTE
ALL ABUTMENT PILING SHALL BE DRIVEN THROUGH THE COMPACTED FILL. STEEL PILING SHALL BE DRIVEN TO POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF PRACTICAL REFUSAL IS NOT OBTAINED AT THIS ELEVATION, DRIVING SHALL CONTINUE UNTIL 90 TONS BEARING IS OBTAINED.

1 Revise Piles, 3-23-01 Pay Item

THIS NOTE APPLIES TO BRIDGES BUILT WITH COUNTY FORCES ONLY.

PILING MUST BE DRIVEN TO ADEQUATE BEARING (DESIGN BEARING PLUS 50%). NUMBER OF PILES MAY BE INCREASED TO SATISFY THIS REQUIREMENT BASED ON THE CAPACITY OF PILE DRIVING EQUIPMENT USED.



ABUTMENT EXCAVATION 1

SUBSTRUCTURE EXCAVATION COMMON:
CONTRACTOR MAY EXCAVATE TO THE NEAT LINES OF THE ABUTMENT, AND IF IN SATISFACTORY CONDITION TO THE ENGINEER, HE MAY POUR THE CONCRETE AGAINST THE COMPACTED FILL. IF NECESSARY, THE CONTRACTOR SHALL USE FORMS ON THE BACK VERTICAL FACE OF THE ABUTMENT AND REMOVE THE SAME AFTER CONCRETE IS SET. BACKFILLING SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 202.02(b) OF THE STANDARD SPECIFICATIONS. MEASUREMENT AND PAYMENT FOR "SUBSTRUCTURE EXCAVATION COMMON" AT ABUTMENTS SHALL BE IN ACCORDANCE WITH THE DIAGRAM SHOWN ON THE PLANS.

1 BORROW:
ITEM "SELECT BACKFILL" OR "UNCLASSIFIED BACKFILL", AS CALLED FOR IN THE SUMMARY OF QUANTITIES, IS FOR PLACING THE FILL BEHIND THE BRIDGE ABUTMENTS TO TOP OF FILL SLOPE AND FOR MATERIAL NEEDED FOR SHAPING THE FILL AROUND THE ABUTMENTS. THE FILL PLACED BY THE BRIDGE CONTRACTOR SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 202.02(b) OF THE STANDARD SPECIFICATIONS. THE QUANTITY OF BORROW SHOWN ON THE PLANS HAS BEEN COMPUTED WITHOUT ALLOWANCE FOR COMPACTION. PAYMENT FOR THIS ITEM SHALL BE BASED ON COMPUTED VOLUME OF FILL IN PLACE.

APPROVED BY BRIDGE ENGINEER:	DATE:
OKLAHOMA DEPT. OF TRANSPORTATION COUNTY BRIDGE STANDARD (ENGLISH)	
DOUBLE TEE ABUT.PILING & EXCAVATION DETAILS (2'-6" DEEP SEAT)	
1999 SPECIFICATIONS	TTA2-2 01E CB-07E