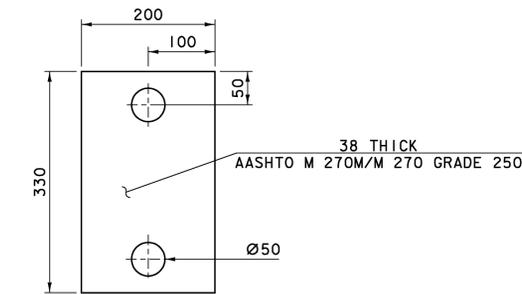


PLAN VIEW END OF STEEL BEAM AT ABUTMENT

SCALE = 1:10



SOLE PLATE DETAIL

SCALE = 1:5

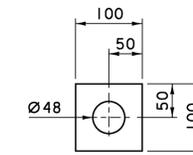
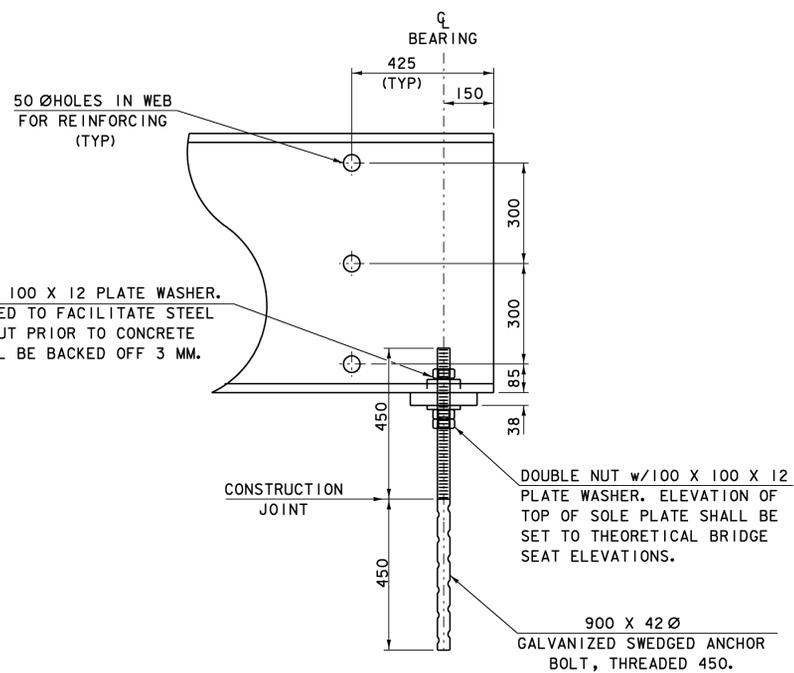


PLATE WASHER DETAIL

SCALE = 1:5

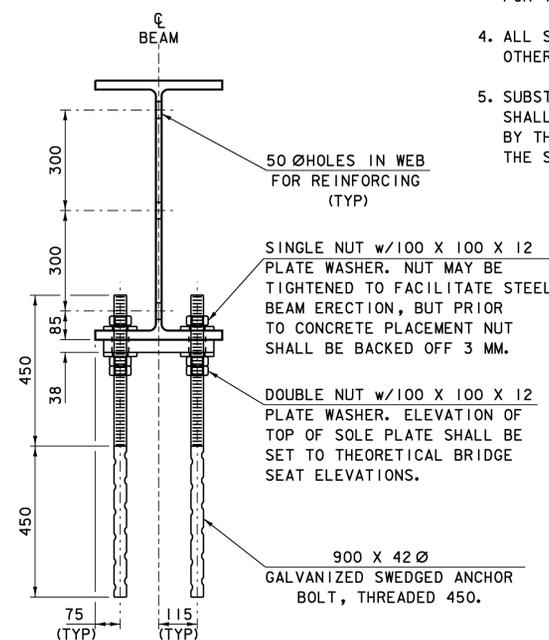
NOTES

1. THE SOLE PLATES, ANCHOR BOLTS, WASHERS AND NUTS SHALL BE PAID FOR UNDER ITEM 531.14, "BEARING DEVICE ASSEMBLY, INTEGRAL ABUTMENT" AND SHALL CONFORM TO SECTION 531 OF THE STANDARD SPECIFICATIONS.
2. THE SOLE PLATES, ANCHOR BOLTS, AND WASHERS SHALL BE GALVANIZED OR METALIZED AS PER SUBSECTIONS 531.04 AND 506.15 OF THE STANDARD SPECIFICATIONS.
3. ANCHOR BOLTS SHALL BE M42 X 4.5, CLASS 8.8 BOLTS MEETING ASTM F 568M. NUTS SHALL MEET AASHTO M291M. THE CONTRACTOR SHALL ENSURE THAT THE ANCHOR BOLTS ARE INSTALLED IN A PLUMB POSITION. ONE EXTRA ANCHOR BOLT SHALL BE SUPPLIED FOR TESTING PURPOSES.
4. ALL STEEL IN BEARING DEVICE ASSEMBLY SHALL BE AASHTO M 270M/M 270 GR 250 UNLESS OTHERWISE NOTED.
5. SUBSTITUTIONS FOR BEARING DEVICE ASSEMBLY COMPONENT MATERIALS AND SIZES SHALL BE DETAILED ON THE SHOP DRAWINGS. ALL SUBSTITUTIONS SHALL BE APPROVED BY THE STRUCTURES ENGINEER PRIOR TO FABRICATION AS PER SUBSECTION 506.04 OF THE STANDARD SPECIFICATIONS.



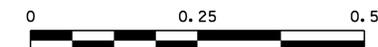
ELEVATION VIEW END OF STEEL BEAM AT ABUTMENT

SCALE: 1:10

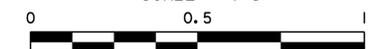


END ELEVATION VIEW OF STEEL BEAM AT ABUTMENT

SCALE: 1:10



SCALE = 1:5



SCALE = 1:10

THEORETICAL BRIDGE SEAT ELEVATIONS		
	ABUTMENT #1	ABUTMENT #2
BEAM #1	235.502	235.544
BEAM #2	235.547	235.576
BEAM #3	235.554	235.571
BEAM #4	235.522	235.527

NOTE:

- NF = NEAR FACE
- FF = FAR FACE
- EF = EACH FACE
- ▲ = CUT TO FIT IN FIELD
- 80 CLR. UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- ALL LAPS SHALL BE 660 UNLESS NOTED OTHERWISE
- ALL REINFORCING STEEL SHALL BE EPOXY COATED.

PROJECT: CORINTH	PROJECT NO.: STP BRO 1447 (22) (RE-ADVERTISED)
DESIGN FILE NAME: sj042sub.dgn IPARM FILE NAME: sj042abtdt1.i DESIGNED BY: H. I. SALLS SQUAD LEADER: C. P. WILLIAMS BEARING DETAIL SHEET	PLOT DATE: 16-JUL-2008 DRAWN BY: H. I. SALLS CHECKED BY: R. S. YOUNG SHEET: 23 OF 42