



BRIDGE RAIL NOTES:

- ALL PARTS OF THE RAILING INCLUDING REINFORCING AND EMBEDDED CONNECTION HARDWARE ARE INCLUDED IN ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, TEXAS).
- ALL CONCRETE FOR RAILING WALL SHALL MEET REQUIREMENTS OF HIGH PERFORMANCE CONCRETE, CLASS A OR HIGH PERFORMANCE CLASS SCC.
- DIMENSIONS RELATING TO REINFORCING STEEL PLACEMENT ARE TO CENTERS OF BARS.
- FABRICATION DRAWINGS SHALL BE SUBMITTED FOR THIS RAILING.
- SEE PLAN AND ELEVATION SHEET FOR PAY LIMIT DIMENSIONS.
- ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ITEM 507.13 REINFORCING STEEL, LEVEL III, COST INCLUDED IN ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, TEXAS).
- HOLES AND RECESSES MUST BE FORMED OR CORED. PERCUSSION DRILLING IS NOT PERMITTED.
- 1 3/8" DIAMETER WASHERS ARE REQUIRED UNDER 7/8" DIAMETER BOLT HEADS AND NUTS.
- FOR SECTION B-B, C-C AND D-D SEE SHEET BRIDGE RAIL DETAILS 2.
- THE RAILING SHALL HAVE CONSTRUCTION JOINTS AT THE PIERS, 10 FEET EITHER SIDE OF THE PIERS, AND AT A MAXIMUM SPACING OF 15 FEET ELSEWHERE IN THE BRIDGE. THE CONSTRUCTION JOINT SHALL BE SPACED TO AVOID REINFORCING STEEL SPLICES AND SHALL BE ALIGNED WITH CONSTRUCTION JOINTS IN THE BRIDGE CURB AND SIDEWALK. THE CONSTRUCTION JOINT SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAIL "B" ON SD-502.00 HOWEVER, THE MAXIMUM JOINT SPACING WILL NOT BE WAIVED, EVEN IF THE CONTRACTOR USES AND APPROVED SHRINKAGE REDUCING ADMIXTURE.

PROJECT NAME: EAST MONTPELIER
PROJECT NUMBER: BRF 037-(17)

FILE NAME: 23a.Bridge Rail1.dgn
PROJECT LEADER: T. KNIGHT
DESIGNED BY: T. KNIGHT
BRIDGE RAIL DETAILS 1

PLOT DATE: 2/17/2017
DRAWN BY: L. BUXTON
CHECKED BY: P. GREENBERG
SHEET 97 OF 158

