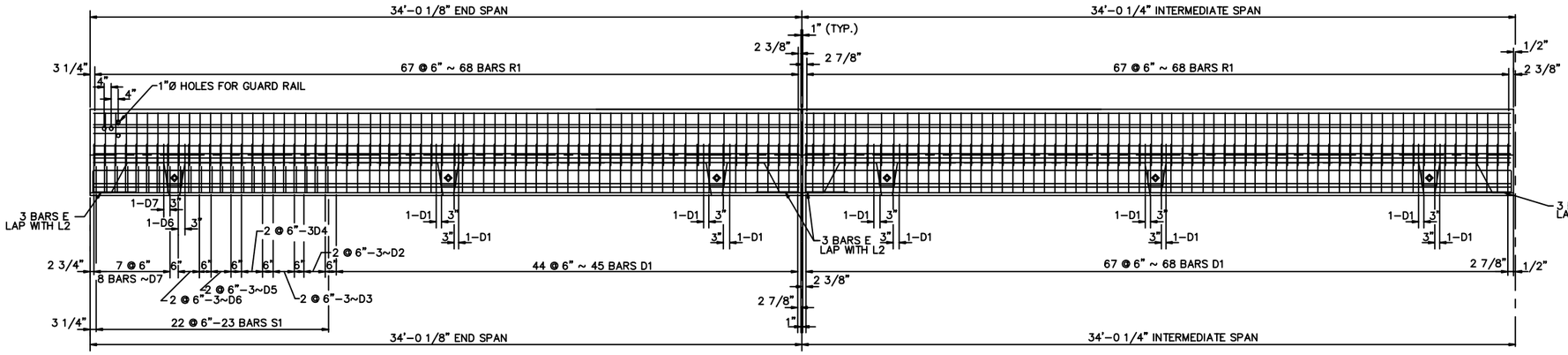
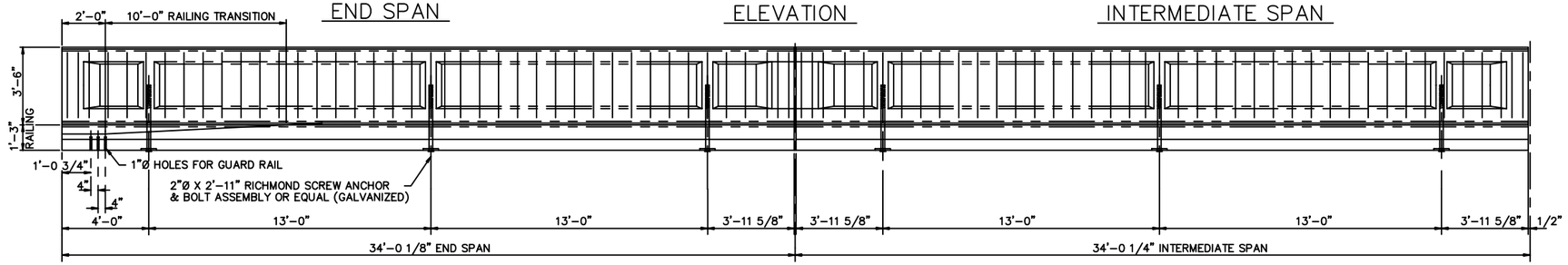
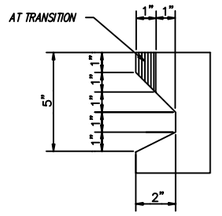


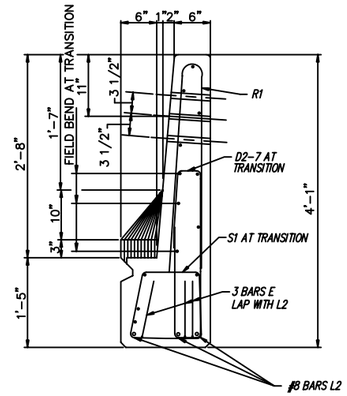
END SPAN ELEVATION INTERMEDIATE SPAN



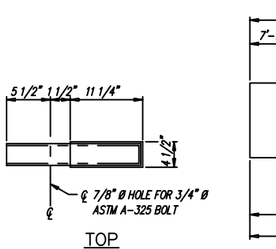
END SPAN PLAN INTERMEDIATE SPAN



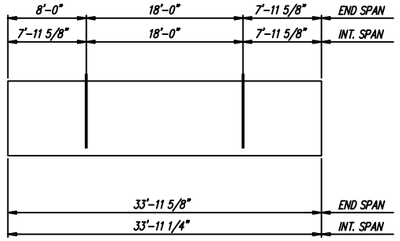
KEYWAY DETAIL



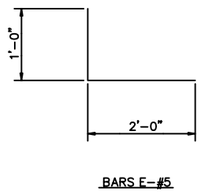
END ELEVATION



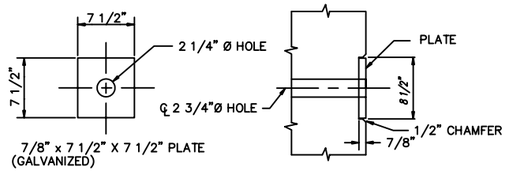
TOP



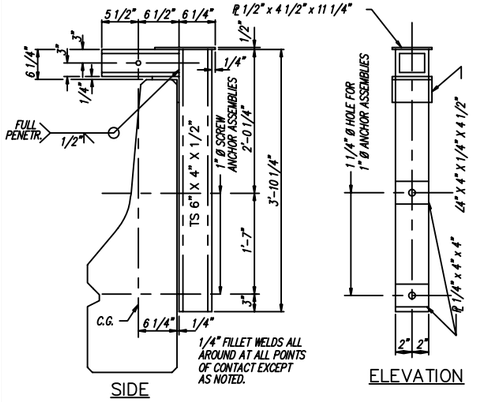
PICKUP POINTS



BARS E-#5



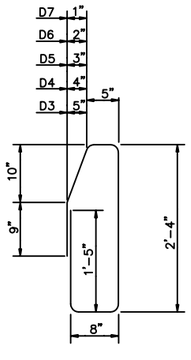
ANCHOR PLATE DETAIL



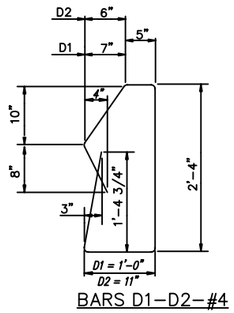
SIDE

ELEVATION

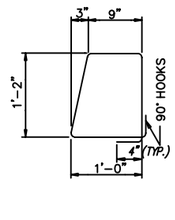
HANDLING DEVICE



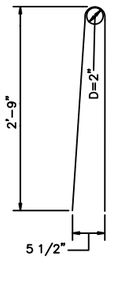
BARS D3-D7-#4



BARS D1-D2-#4



BARS S1-#4



BARS R1-#4

BAR BENDING DETAILS

DIMENSIONS ARE OUT TO OUT

GENERAL NOTES

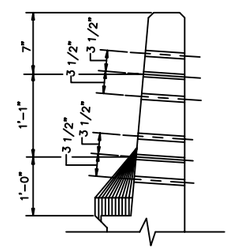
SPECIFICATIONS:
AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES
AASHTO STANDARD SPECIFICATIONS FOR TRANSPORTATION MATERIALS
AMERICAN SOCIETY FOR TESTING AND MATERIALS

DESIGN LOADING: AASHTO HS 20-44

REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE BILLET STEEL MEETING THE REQUIREMENTS OF AASHTO M31 OR ASTM A165 BARS TYPE L SHALL BE GRADE 60. ALL OTHER REINFORCING BARS SHALL HAVE MINIMUM STRENGTH OF GRADE 40.

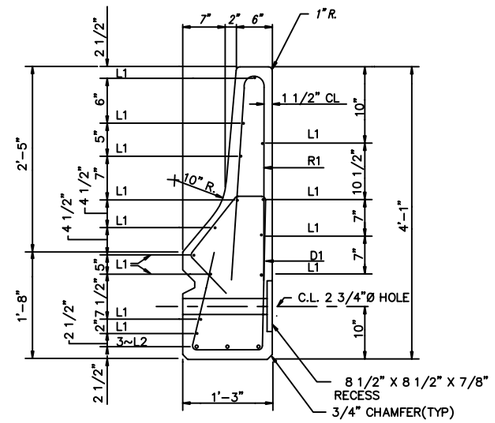
CONCRETE: CONCRETE SHALL CONFORM TO AASHTO CLASS AE WITH A MINIMAL 28 DAY BREAKING STRENGTH OF 5000 PSI.

SURFACE FINISH: FINISH FOR RAILING SHALL BE IN ACCORDANCE WITH SECTION 8.10.1, DIVISION II - CONSTRUCTION, AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1996 EDITION. ADDITIONALLY THE TRAFFIC SIDE, TOP, AND BACK OF THE RAIL MUST BE COATED WITH A PRODUCT SUCH AS THOROCOAT AS PRODUCED BY CHEMREX, INC. OR EQUAL.



GUARD RAIL ATTACHMENT FOR TYPE 13 ANCHOR

SEE END ELEVATION THIS SH. FOR DETAILS & DIMENSIONS NOT SHOWN.



TYPICAL SECTION

L1 BARS-#4
L2 BARS-#8

CONECUH BRIDGE & ENGINEERING, LLC
P. O. Box 129
Troy, Alabama 36081
249 County Rd. 2227
Troy, Alabama 36079
334-566-7422

PRECAST CONCRETE BARRIER RAIL
FOR USE WITH
PRECAST SLAB STANDARD
PC-34-2

DATE: 7/18/03

STANDARD DWG. NO.
PCBR-1(34)
SHEET NO. 1 OF 1