GENERAL NOTES:

WOOD POSTS AND WOOD BLOCKS MAY BE USED ON TYPE E GUARDRAIL.

THE BULLNOSE GUARDRAIL PAY ITEM INCLUDES THE STRUCTURE BETWEEN POST 10 AND THE NOSE. THE REMAINING GUARDRAIL WILL BE PAID FOR AS STANDARD GUARDRAIL ITEMS.

SUITE DRRAINAGE MUST BE PROVIDED WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

MEDIAN PIER PROTECTION
BULLNOSE GUARDRAIL SYSTEM

DATE EFFECTIVE: 08/01/2012
DATE PREPARED: 07/27/2012
GENERAL NOTE:
RAILS NUMBERS 1, 2, 3 AND 4 ARE TYPE E GUARDRAIL.
RAIL NUMBER 5 IS A STANDARD THRIE BEAM, NOT SLOTTED.
RAIL SECTION 1 (NOSE SECTION)

12'-6" SPLICE OVERLAP LINE
2" DIA TYPICAL

RAIL SECTION 2

TANGENT SECTION FOR 6:1 TO 13:1 TAPERS

RAIL SECTION 3

12'-6" SPLICE OVERLAP LINE
2" DIA TYPICAL
STEEL PLATE, A306
12\(\frac{3}{4}\)" x 5\(\frac{3}{4}\)" x \(\frac{3}{4}\)"

(1) STUD, THREADED ENTIRE LENGTH.
TOP VIEW, RAIL #1

62½" RADIUS

END SECTION

TOP VIEW, RAIL #2

409½" RADIUS

END SECTION

12'-6". 12 GAGE, TYPICAL THRIE BEAM SECTION

END SECTION

FRONT VIEW (UNBENT)
(1) TYPE E GUARDRAIL 12'-6" IN LENGTH AND FACTORY FORMED TO THE REQUIRED RADIUS.

(2) PAYMENT FOR THE END TERMINAL WILL BE CONSIDERED FULL COMPENSATION FOR ANY TRANSITION SECTIONS, BACKUP ASSEMBLIES, OR OTHER ITEMS NECESSARY FOR PROPER INSTALLATION AS REQUIRED BY THE MANUFACTURER.

* VARY SLOPE NO STEEPER THAN 15:1 TO UTILIZE A FULL 12.5' LENGTH OF GUARDRAIL WHEN ATTACHING TO THE CRASH WORTHY END TERMINAL.

GENERAL NOTES:
TYPE B CRASHWORTHY END TERMINAL SHALL BE LATEST VERSION AND SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.