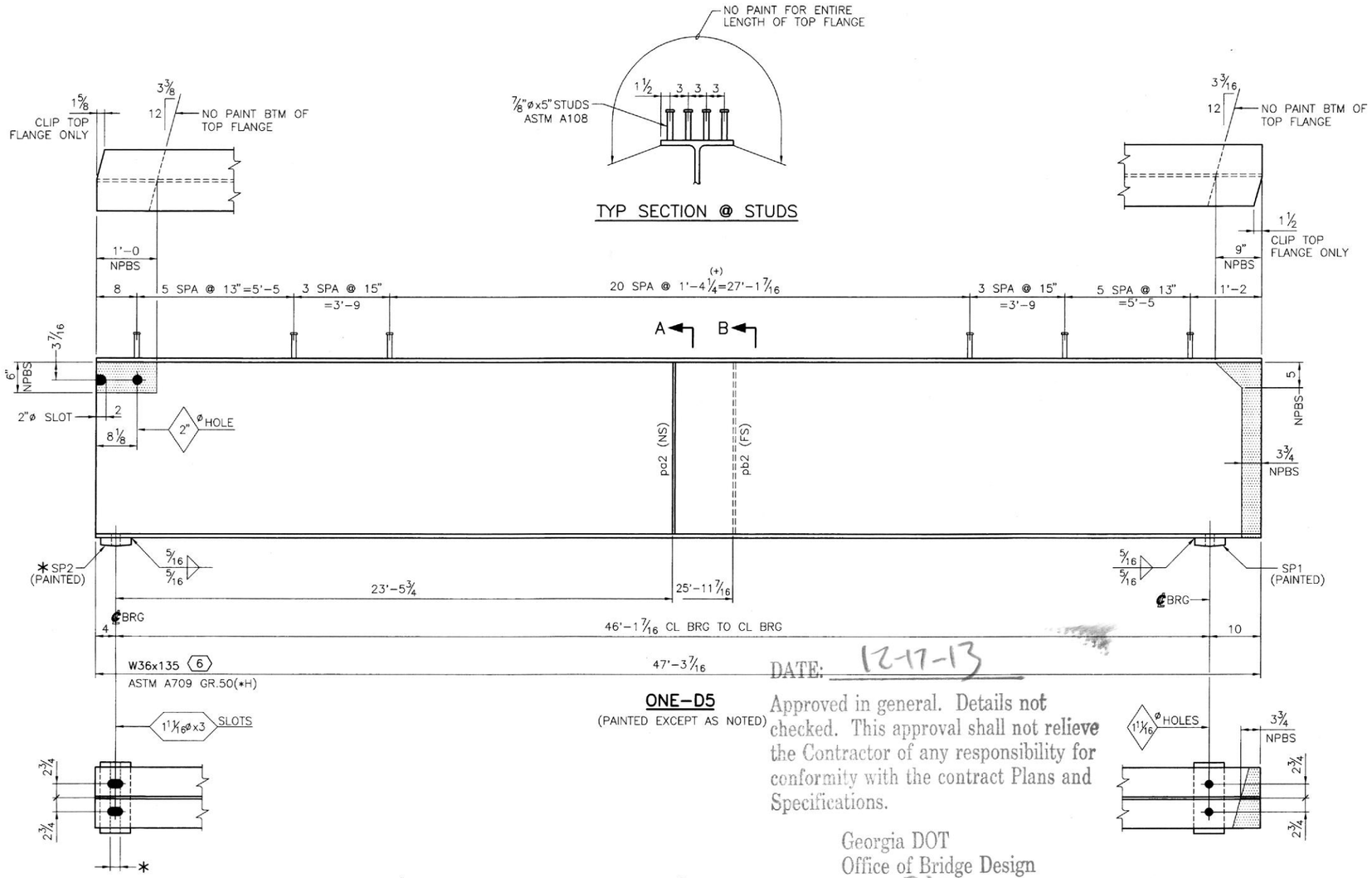
## BILL OF MATERIAL

| MARK | QTY. | DESCRIPTION | FT | IN | 16th | FAB MARK | MILL MARK | WEIGHT |
|---|---|---|---|---|---|---|---|---|
| D5 | 1 | SPAN 5 LEFT BEAM STAGE I | | | | TOTAL | WEIGHT= | 6640 |
| . | 1 | W36x135~ASTM A709 GR.50(*H) | 47 | 3 | 7 | | 6 | 6383 |
| . | 1 | PL 3/8x6 | 2 | 10 | 0 | pa2 | . | 22 |
| . | 1 | PL 3/8x6 | 2 | 10 | 0 | pb2 | . | 22 |
| . | 148 | 7/8"ø ASTM A108 STUDS | 0 | 5 | 0 | . | . | 145 |
| . | 1 | PL 1 5/8x6 | 1 | 2 | 0 | SP1 | . | 35 |
| . | 1 | PL 1 5/8x6 | 1 | 2 | 0 | SP2 | . | 33 |




**ONE–D5**
(PAINTED EXCEPT AS NOTED)

DATE: 12-17-13

Approved in general. Details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.

Georgia DOT
Office of Bridge Design
By: CJC

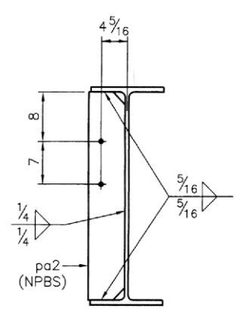
☑ APPROVED ☐ REVISE AND RESUBMIT

SHOP DRAWING CORRECTIONS OR COMMENTS MADE DURING REVIEW DO NOT RELIEVE THE CONTRACTOR OF COMPLIANCE WITH DRAWING AND SPECIFICATION REQUIREMENTS. THIS CHECK ONLY REVIEWS GENERAL CONFORMITY WITH THE PROJECT DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR'S PERFORMANCE DUTIES ARE STATED IN THE CONTRACT DOCUMENTS, AND ARE NOT MODIFIED BY THIS REVIEW OR COMMENTS MADE ON THESE SHOP DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND DIMENSIONS, FABRICATION PROCESS SELECTION, CONSTRUCTION TECHNIQUES, AND WORK COORDINATION AND PERFORMANCE OF ALL TRADES.

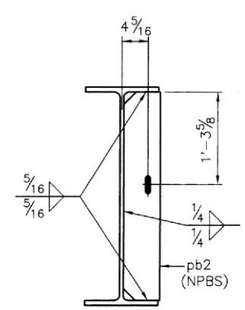
BROWDER + LEQUIZAMON AND ASSOCIATES, INC.
DATE 12/09/13 BY P.L.

NOTES:
SEE SHEET GN1 FOR GENERAL NOTES AND WELD TERMINATION DETAIL.

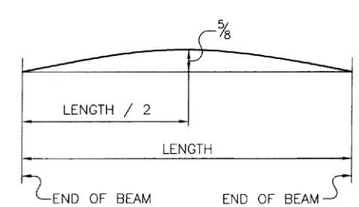
*NO PAINT STRIP ON BTM SURFACE OF SOLE PLATE SP2. SEE NOTE ON SHEET D1.




SECTION A




SECTION B




CAMBER DIAGRAM FOR BEAM D5

FIELD BOLTS 3/4"ø A307
OPEN HOLES 15/16"ø UNLESS NOTED
TYPE WELDING L.H. RODS OR SUBMERGED ARC

AISC CERTIFIED FABRICATOR

**AUGUSTA IRON & STEEL WORKS, Inc.**
P.O. BOX 212479 (30917)
3781 MARTINEZ BLVD.
Phone 706-860-7719
AUGUSTA, GA 30907

| REV. | BY | DATE | REVISION DESCRIPTION |
|---|---|---|---|
| △ | △ | △ | |

BEAM D5 DETAILS
CUSTOMER: C.W. MATTHEWS
WIDENING I-75 OVER MILL CREEK
BRIDGE No. 2 LEFT & RIGHT
GDOT PROJECT NO. NHS00-0000-00(931)
WHITFIELD COUNTY, GEORGIA

DESIGNED BY: Browder+LeGuizamon & Assoc. / Kimley-Horn & Assoc.
DRAWN BY: JWJ/JDS DATE: 10/2013
CHECKED BY: GB DATE: 11/2013
STEEL SPEC: ASTM A709 GR.36 U.N.

CONTRACT: 1403
SHEET D43 OF 47