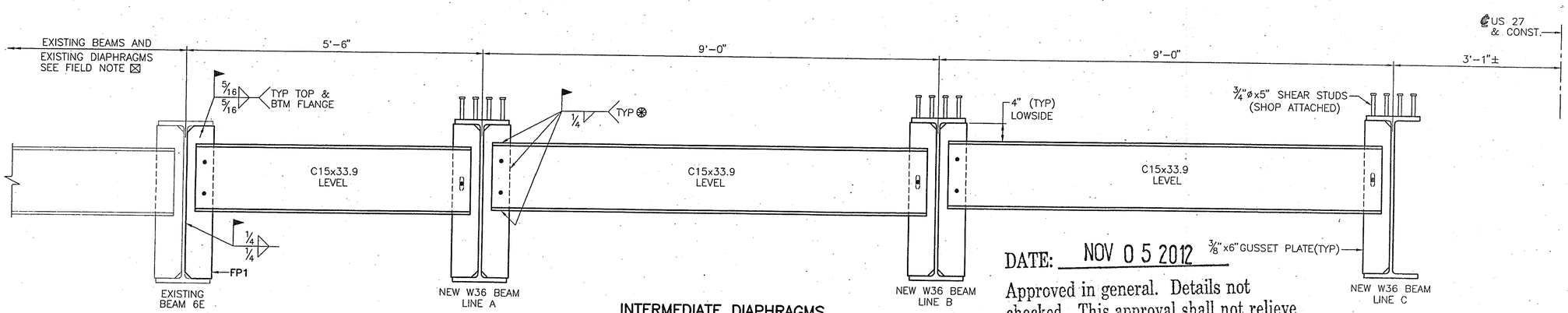


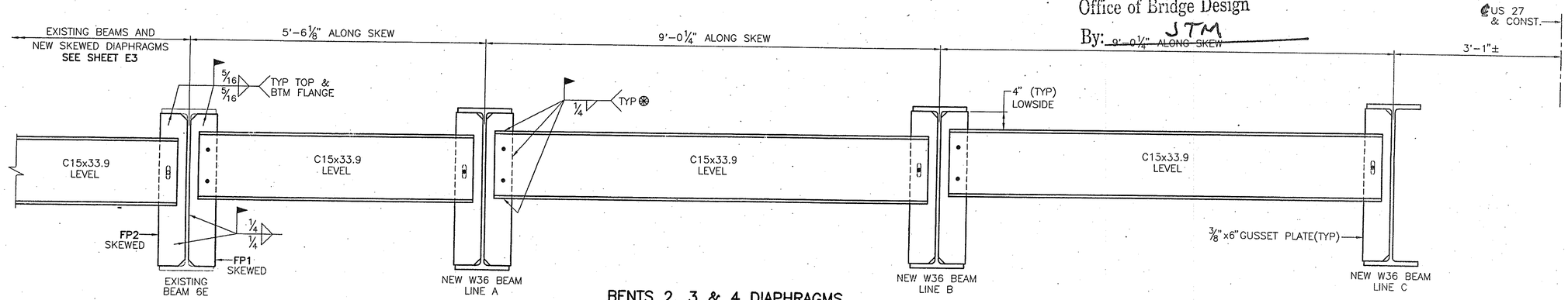
INTERMEDIATE DIAPHRAGMS

LOOKING AHEAD STATIONS
LEFT BRIDGE SHOWN
RIGHT BRIDGE SIMILAR

DATE: NOV 05 2012

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: JTM



BENTS 2, 3 & 4 DIAPHRAGMS

LOOKING AHEAD STATIONS
LEFT BRIDGE SHOWN
RIGHT BRIDGE SIMILAR

FIELD NOTES:

⊛ WELD DIAPHRAGMS BEFORE DECK IS POURED EXCEPT AS NOTED FOR DIAPHRAGMS BETWEEN STAGES.

⊠ REMOVE WELDS CONNECTING EXISTING INTERMEDIATE DIAPHRAGMS BETWEEN EXISTING BEAMS 4E AND 5E AND EXISTING BEAMS 8E AND 9E. GRIND WELD AREAS SMOOTH. WELD NEW BENT SKEWED DIAPHRAGMS AND REWELD EXISTING INTERMEDIATE DIAPHRAGMS BETWEEN BEAMS 4E AND 5E AND BEAMS 8E AND 9E AFTER STAGE III DECK IS POURED.

FIELD BOLT ALL NEW C15x33.9 DIAPHRAGMS TO GUSSET PLATES USING 3/4"ø x 2" ASTM A307 ERECTION BOLTS WITH ONE ASTM F844 STANDARD WASHER EACH.

SEE FRAMING PLAN SHEET E1 FOR DIAPHRAGM MARKS.

SEE SHEET E4 FOR BEARING ERECTION DETAILS.

APPROVED IN GENERAL, DETAILS NOT CHECKED. THIS APPROVAL SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY FOR CONFORMITY WITH THE CONTRACT PLANS AND SPECIFICATIONS.

AECOM TECHNICAL SERVICES, INC.

BY: G Blount 10-17-12

FIELD BOLTS	3/4"ø A307
OPEN HOLES	15/16"ø UNLESS NOTED
TYPE WELDING	FIELD WELDS PER CONTRACTOR

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
△	△	△	

ERECTION DETAILS–NEW BEAMS
CUSTOMER: C.W. MATTHEWS CONTRACTING CO.
WIDENING SR 1/US 27 OVER SR 166
BRIDGE No. 1 LEFT & RIGHT
GDOT PROJECT NO. NH000-0017-01(022)
CARROLL COUNTY, GEORGIA

DESIGNED BY: AECOM
DRAWN BY: JWJ DATE: 09/19/12
CHECKED BY: GB DATE: 09/2012
STEEL SPEC: ASTM A709 GR.50 & GR.36

CONTRACT: 1374
SHEET E2 OF 4