



NEW W36x135 BEAM DIMENSIONS			
	BEAM	"B"	"G"
SPAN 1 RIGHT	G1	48'-3 ³ / ₁₆ "	50'-1 ³ / ₁₆ "
	H1	48'-5 ¹⁵ / ₁₆ "	50'-3 ¹ / ₁₆ "
	J1	48'-8 ¹ / ₂ "	50'-6 ⁵ / ₁₆ "
SPAN 2 RIGHT	G2	49'-0 ³ / ₄ "	50'-1 ³ / ₁₆ "
	H2	49'-3 ¹ / ₄ "	50'-3 ⁵ / ₈ "
	J2	49'-5 ³ / ₄ "	50'-6 ³ / ₁₆ "
SPAN 3 RIGHT	G3	49'-0 ³ / ₄ "	50'-1 ³ / ₁₆ "
	H3	49'-3 ³ / ₁₆ "	50'-3 ⁵ / ₈ "
	J3	49'-5 ⁵ / ₈ "	50'-6 ¹ / ₁₆ "
SPAN 4 RIGHT	G4	49'-0 ³ / ₄ "	50'-1 ³ / ₁₆ "
	H4	49'-3 ¹ / ₈ "	50'-3 ⁹ / ₁₆ "
	J4	49'-5 ¹ / ₂ "	50'-5 ¹⁵ / ₁₆ "
SPAN 5 RIGHT	G5	48'-3 ³ / ₁₆ "	50'-1 ³ / ₁₆ "
	H5	48'-5 ³ / ₄ "	50'-3 ¹ / ₂ "
	J5	48'-8 ¹ / ₁₆ "	50'-5 ⁷ / ₈ "

STRUCTURAL STEEL FRAMING PLAN – RIGHT BRIDGE
STAGE IIA

NOTES:
DIMENSIONS SHOWN ON THIS SHEET ARE HORIZONTAL AND DO NOT REFLECT ANY CHANGES DUE TO GRADE OR DEAD LOAD DEFLECTION.

ALL DIMENSIONS SHOWN FOR FRAMING PLAN SHALL BE VERIFIED BY CONTRACTOR AND/OR APPROVAL AUTHORITY PRIOR TO FABRICATION OF THE STRUCTURAL STEEL. SEE NEW W36x135 BEAM DIMENSION TABLES.

SEE DESIGN DOCUMENT BRIDGE SHEETS 1 & 14 OF 31 FOR LEFT BRIDGE GEOMETRY AND ADDITIONAL NOTES.

SEE SHEETS E3 & E4 FOR ERECTION DETAILS.

☒ CONTRACTOR TO FIELD VERIFY AND PROVIDE BAY WIDTH FOR NEW TO EXISTING BEAMS. SEE SHEET D3 FOR DIAPHRAGM DETAILS.

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: [Signature]

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.

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

REVISION DESCRIPTION	<p>AUGUSTA IRON & STEEL WORKS, Inc. P.O. BOX 212479 (30917) Phone 706-860-7719 3781 MARTINEZ BLVD. AUGUSTA, GA 30907</p> <p>FRAMING PLAN – RIGHT BRIDGE 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</p> <p>DESIGNED BY: Browder+Lequizon & Assoc. / Kimley-Horn & Assoc. DRAWN BY: JWJ/JDS DATE: 10/2013 CHECKED BY: GB DATE: 10/2013 STEEL SPEC: ASTM A709 GR.50 U.N.</p>
DATE	
BY	
REV.	

CONTRACT: 1403
SHEET E2 OF 4