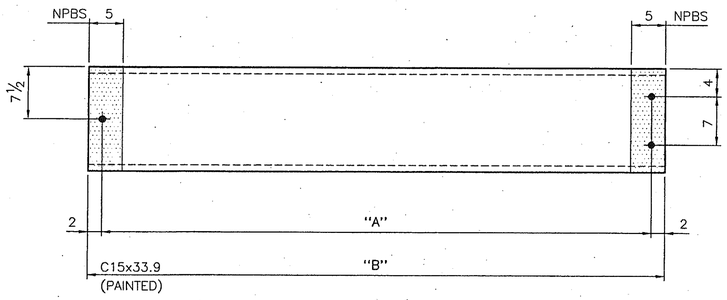
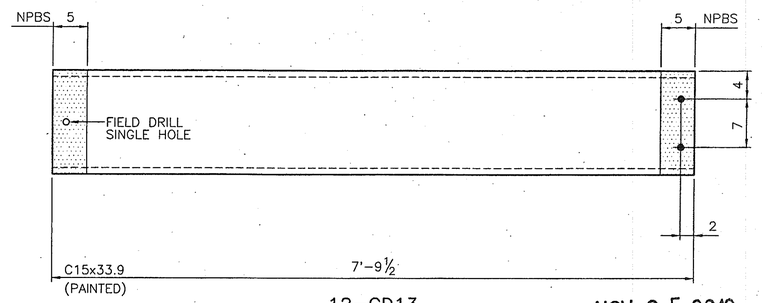


MARK	QTY.	"A"	"B"
CD1	18	8'-3 5/16	8'-7 5/16
CD3	4	8'-3 1/16	8'-7 1/16
CD5	4	8'-3 9/16	8'-7 9/16
CD7	10	4'-9 5/16	5'-1 5/16
CD9	2	4'-9 1/8	5'-1 1/8
CD11	1	4'-9 1/2	5'-1 1/2



12-CD13

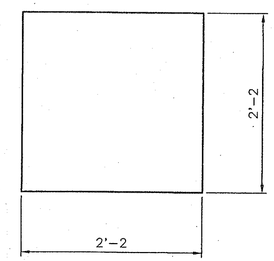
BILL OF MATERIAL								
MARK	QTY.	DESCRIPTION	FT	IN	16th	FAB MARK	MILL MARK	WEIGHT
CD1	18	C15x33.9	8	7	5	.		5253
CD2	18	C15x33.9	8	7	5	.		5253
CD3	4	C15x33.9	8	7	1	.		1165
CD4	4	C15x33.9	8	7	1	.		1165
CD5	4	C15x33.9	8	7	9	.		1170
CD6	4	C15x33.9	8	7	9	.		1170
CD7	10	C15x33.9	5	1	5	.		1732
CD8	10	C15x33.9	5	1	5	.		1732
CD9	2	C15x33.9	5	1	2	.		345
CD10	2	C15x33.9	5	1	2	.		345
CD11	1	C15x33.9	5	1	8	.		174
CD12	1	C15x33.9	5	1	8	.		174
CD13	12	C15x33.9	7	9	8	.		3170
CD14	12	C15x33.9	7	9	8	.		3170
L1	24	L4x4x3/8	7	9	8	.		1833
P1	12	PL 3/8x26	2	2	0	.		863

SHEET TOTAL = 28,714 lbs.

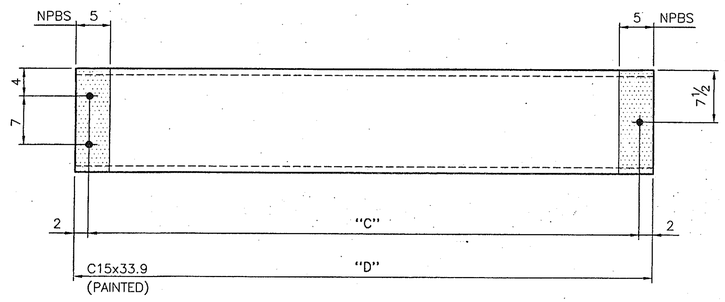
DATE: NOV 0 5 2012

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

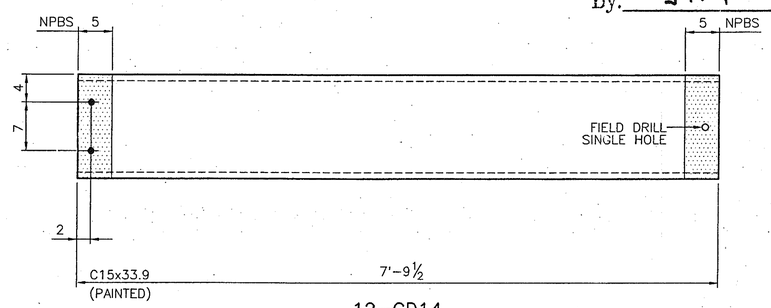
Georgia DOT
Office of Bridge Design
By: JTM



12-P1 (NO PAINT)
PL 3/8x26x2'-2"

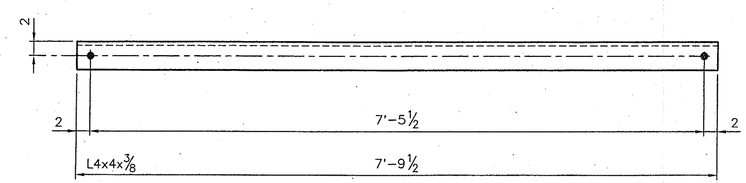


MARK	QTY.	"C"	"D"
CD2	18	8'-3 5/16	8'-7 5/16
CD4	4	8'-3 1/16	8'-7 1/16
CD6	4	8'-3 9/16	8'-7 9/16
CD8	10	4'-9 5/16	5'-1 5/16
CD10	2	4'-9 1/8	5'-1 1/8
CD12	1	4'-9 1/2	5'-1 1/2



12-CD14

SEE SHEET GN1 FOR GENERAL NOTES.



24-L1 (NO PAINT)

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. Edwards 11-19-12

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

DIAPHRAGM DETAILS
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

REV.	BY	DATE	REVISION DESCRIPTION
△	△	△	

DESIGNED BY: AECOM
DRAWN BY: GB DATE: 08/2012
CHECKED BY: JWJ DATE: 09/2012
STEEL SPEC: ASTM A709 GR.36

CONTRACT: 1374
SHEET D4 OF 25