STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	NH000-0073-03(242)		

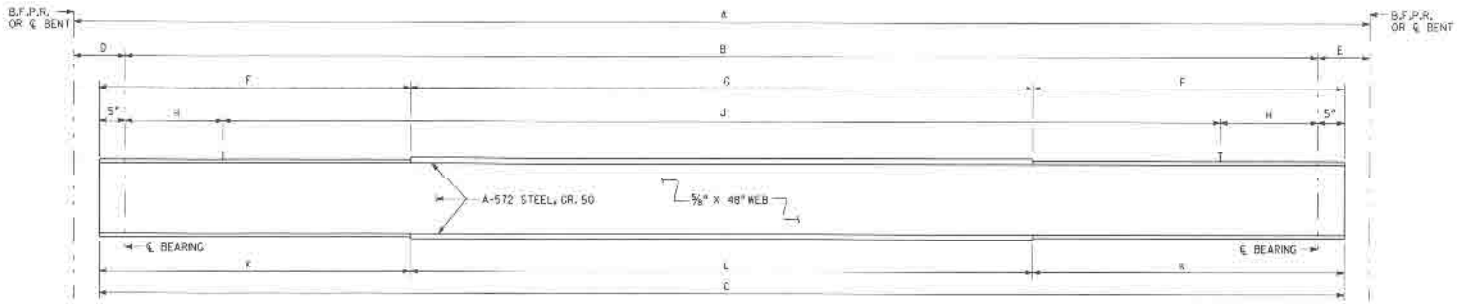
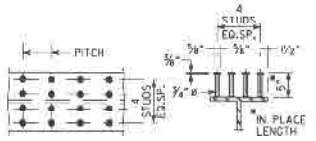


TABLE OF DIMENSIONS

SPAN	BEAM	A	B	C	D	E	F	G	H	J	K	L
1	1 - 6	80'-5"	78'-4"	79'-2"	1'-6"	7"	19'-7"(12" X ¾"PL)	40'-0"(12" X ¾"PL)	27 SPS. @ 10"	31 SPS. @ 12"±	19'-7"(12" X 1" PL)	40'-0"(12" X 1¼"PL)
2	1	102'-5¼"	101'-3¼"	102'-1¼"	7"	7"	26'-0⅝"(12" X ¾"PL)	50'-0"(12" X 1⅛"PL)	12 SPS. @ 9"	91 SPS. @ 11"±	26'-0⅝"(16" X ⅝"PL)	50'-0"(16" X 2"PL)
	2	98'-5½"	97'-3½"	98'-1½"	7"	7"	25'-0¾"(12" X ¾"PL)	48'-0"(12" X 1⅛"PL)	12 SPS. @ 9"	87 SPS. @ 11"±	25'-0¾"(16" X 1⅜"PL)	48'-0"(16" X 2"PL)
	3	94'-5⅞"	93'-3⅞"	94'-1⅞"	7"	7"	24'-0⅝"*(12" X ¾"PL)	46'-0"(12" X 1"PL)	16 SPS. @ 9"	76 SPS. @ 11"±	24'-0⅝"*(14" X 1⅜"PL)	46'-0"(14" X 2"PL)
	4	90'-6¼"	89'-4¼"	90'-2¼"	7"	7"	23'-1⅛"(12" X ¾"PL)	44'-0"(12" X 1"PL)	16 SPS. @ 9"	73 SPS. @ 11"±	23'-1⅛"(14" X 1⅜"PL)	44'-0"(14" X 2"PL)
	5	86'-6⅝"	85'-4⅝"	86'-2⅝"	7"	7"	22'-1⅜"(12" X ¾"PL)	42'-0"(12" X ¾"PL)	24 SPS. @ 9"	54 SPS. @ 11"±	22'-1⅜"(12" X 1¼"PL)	42'-0"(12" X 1¾"PL)
	6	82'-6⅞"	81'-4⅞"	82'-2⅞"	7"	7"	21'-1 7/16"(12" X ¾"PL)	40'-0"(12" X ¾"PL)	24 SPS. @ 9"	24 SPS. @ 11"±	21'-1 7/16"(12" X 1¼"PL)	40'-0"(12" X 1¾"PL)
3	1	104'-1¼"	102'-01¼"	102'-10¼"	1'-6"	1'-6"	26'-5⅛"(12" X ¾"PL)	50'-0"(12" X 1⅛"PL)	12 SPS. @ 9"	91 SPS. @ 11"±	26'-5⅛"(16" X 1⅜"PL)	50'-0"(16" X 2"PL)
	2	99'-9⅛"	97'-81¼"	98'-6¼"	1'-6"	1'-6"	25'-3⅛"(12" X ¾"PL)	48'-0"(12" X 1⅛"PL)	12 SPS. @ 9"	87 SPS. @ 11"±	25'-3⅛"(16" X 1⅜"PL)	48'-0"(16" X 2"PL)
	3	95'-5¼"	93'-4¼"	94'-2¼"	1'-6"	1'-6"	24'-1⅛"(12" X ¾"PL)	46'-0"(12" X 1"PL)	16 SPS. @ 9"	76 SPS. @ 11"±	24'-1⅛"(14" X 1⅜"PL)	46'-0"(14" X 2"PL)
	4	91'-1¼"	89'-0¼"	89'-10¼"	1'-6"	1'-6"	22'-11⅛"(12" X ¾"PL)	44'-0"(12" X 1"PL)	16 SPS. @ 9"	73 SPS. @ 11"±	22'-11⅛"(14" X 1⅜"PL)	44'-0"(14" X 2"PL)
	5	86'-9⅞"	84'-8⅞"	85'-6⅞"	1'-6"	1'-6"	21'-9 7/16"(12" X ¾"PL)	42'-0"(12" X ¾"PL)	24 SPS. @ 9"	54 SPS. @ 11"±	21'-9 7/16"(12" X 1¼"PL)	42'-0"(12" X 1¾"PL)
	6	82'-6⅞"	80'-4⅞"	81'-2⅞"	1'-6"	1'-6"	20'-7 7/16"(12" X ¾"PL)	40'-0"(12" X ¾"PL)	24 SPS. @ 9"	24 SPS. @ 11"±	20'-7 7/16"(12" X 1¼"PL)	40'-0"(12" X 1¾"PL)



PLAN OF BEAM SECTION OF BEAM

STUD SHEAR CONNECTOR SHALL BE FULLY BUTT WELDED TO TOP FLANGE OF BEAM.

STUD SHEAR CONNECTOR DETAIL

NOTE IN IMPORTANT NOTICE: THIS DRAWING IS AN INCOMPLETE WORK-IN-PROGRESS AND ITS USE IS SUBJECT TO NOTE 1 ON DRAWING NO. 1-01.

BRIDGE NO. 31

PLOTS LAYOUT: HC-2000		12/09
DRAWN BY		DATE
CHECKED BY		DATE
SUPERVISOR		DATE
APPROVED		DATE

REVISIONS

NO.	DATE	DESCRIPTION	ORIG	CHKD	SUPV	APPR
A	6/30/08	Preliminary Design ... Revision #1	ALW	JCR	SLC	S.A.
B	8/23/08	90% SUBMITTAL	ALW	JCR	SLC	S.A.
C	11/30/08	PLOTTED PER GDOT ... COMMENTS ...	ALW			
		CONVERSION REPLACEMENT				

GTP Georgia Transportation Partners

NORTHWEST I-75/I-575 CORRIDOR

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

JBT J.B. Trimble, Inc.
2550 Heritage Ct, SE Suite 250
Atlanta GA 30339-3062
(770) 952-1022

BRIDGE SHEET 4 OF 9

I-75 / I-575 NORTHWEST CORRIDOR

I-75 REVERSIBLE OVER NOONDAY CREEK
BEAM INFORMATION

COBB COUNTY NH000-0073-03(242)

DRAWING NO. 35-197