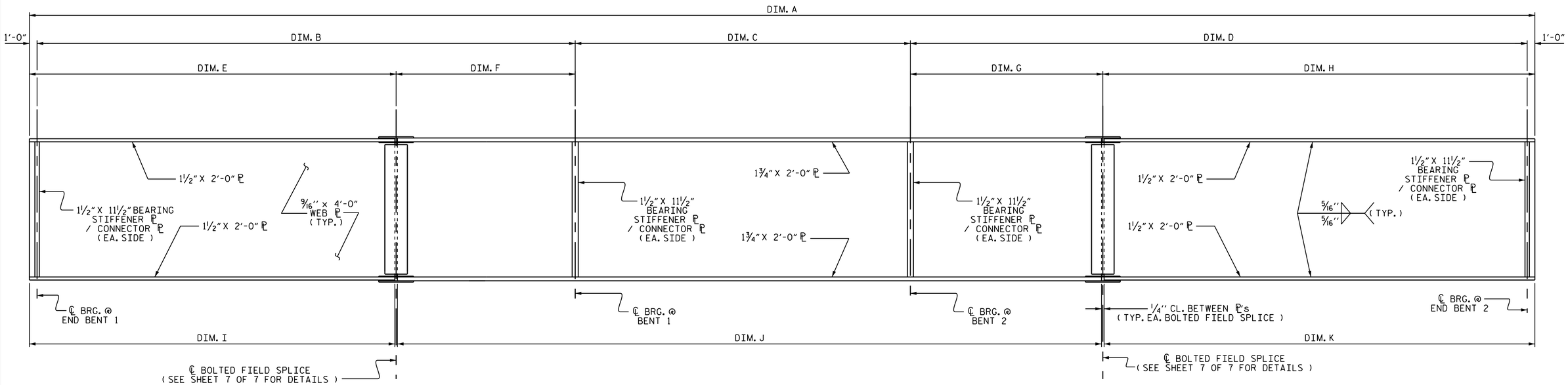
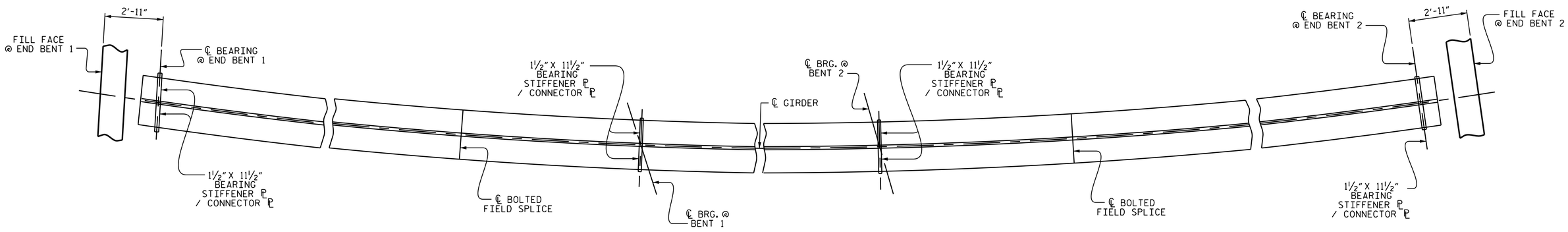


PLATE GIRDER ELEVATION

SEE GIRDER TABLE (ALL DIMENSIONS ARE ALONG ARC)
SHEAR STUDS NOT SHOWN, SEE SHEET 2-4 OF 7 FOR SHEAR STUD LOCATIONS



BOTTOM FLANGE DETAIL

PROJECT NO. B-5121/B-5317
WAKE COUNTY
STATION: 20+19.94 -FLYOVER-

SHEET 1 OF 7

GIRDER TABLE

GIRDER	RADIUS	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G	DIM. H	DIM. I	DIM. J	DIM. K
#1	400.625	244'-7 3/16" (244'-8 13/16" SLOPED)	88'-1 3/16"	61'-1 1/16"	93'-4 15/16" (93'-6 9/16" SLOPED)	65'-2 3/8"	23'-10 13/16"	19'-1"	75'-3 15/16"	65'-2 1/4"	104'-0 5/8"	75'-3 13/16"
#2	410.375	248'-0 3/4" (248'-2 5/16" SLOPED)	91'-10 1/8"	60'-7 11/16"	93'-6 15/16" (93'-8 1/2" SLOPED)	67'-10 9/16"	24'-11 9/16"	17'-4 1/2"	77'-2 7/16"	67'-10 7/16"	102'-11 1/2"	77'-2 5/16"
#3	420.125	251'-6 7/16" (251'-7 15/16" SLOPED)	95'-6 7/8"	60'-2 9/16"	93'-9" (93'-10 1/2" SLOPED)	70'-6 5/8"	26'-0 1/4"	15'-8"	79'-1"	70'-6 1/2"	101'-10 9/16"	79'-0 7/8"
#4	429.875	255'-0 1/16" (255'-1 9/16" SLOPED)	99'-3 9/16"	59'-9 1/2"	93'-11" (94'-0 1/2" SLOPED)	73'-2 5/8"	27'-0 15/16"	13'-11 1/2"	80'-11 1/2"	73'-2 1/2"	100'-9 11/16"	80'-11 3/8"
#5	439.625	258'-5 13/16" (258'-7 1/2" SLOPED)	103'-0 1/16"	59'-4 5/8" (59'-4 7/8" SLOPED)	94'-1 1/8" (94'-2 9/16" SLOPED)	75'-10 1/2"	28'-1 9/16"	12'-3"	82'-10 1/8"	75'-10 3/8"	99'-8 15/16"	82'-10"
#6	449.375	261'-11 1/2" 262'-1 3/16" SLOPED)	106'-8 1/2"	58'-11 13/16" (59'-0 1/16" SLOPED)	94'-3 3/16" (94'-4 5/8" SLOPED)	78'-6 3/8"	29'-2 1/8"	10'-6 9/16"	84'-8 5/8"	78'-6 1/4"	98'-8 1/4"	84'-8 1/2"

NORTH CAROLINA PROFESSIONAL SEAL 29441 ENGINEER KRISTY W. ALFORD

DocuSigned by:
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4/13/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

STRUCTURAL STEEL DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-60
1			3			TOTAL SHEETS
2			4			110

STR. #2

DRAWN BY : J.P. ADAMS DATE : 12/2015
CHECKED BY : T.L. AVERETTE DATE : 2/2016
DESIGN ENGINEER OF RECORD: R.L. CHESSON DATE : 2/2016

13-APR-2016 12:35
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jpadams