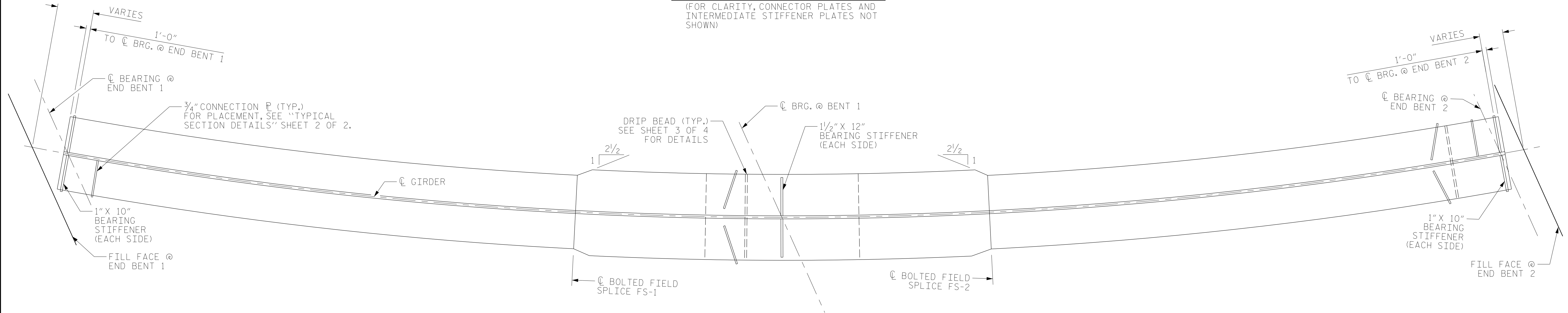


GIRDER ELEVATION

(FOR CLARITY, CONNECTOR PLATES AND INTERMEDIATE STIFFENER PLATES NOT SHOWN)



PLAN OF BOTTOM FLANGE

(FOR CLARITY, CONNECTOR PLATES NOT SHOWN)

SHEAR STUD DIMENSIONS

GIRDER	I	J	K
1	10 3/4"	111	1'-5 7/8"
2	1'-2 15/16"	110	1'-4 1/4"
3	1'-7 3/16"	109	1'-2 11/16"
4	1'-0 9/16"	109	1'-1 1/8"

NOTES

- FOR STRUCTURAL STEEL NOTES, SEE SHEET 2 OF 4.
- FOR SHEAR STUD DETAILS, SEE SHEET 2 OF 4.
- FOR BOLTED FIELD SPLICE DETAILS, SEE SHEET 4 OF 4.
- ALL STUDS IN GIRDER ELEVATION ARE 7" TALL UNLESS NOTED OTHERWISE.

GIRDER DIMENSIONS

GIRDER	RADIUS	A	B	C	D	E	F	G	H
1	3672'-3"	350'-2 11/16"	173'-4 5/16"	176'-10 3/8"	115'-4 1/4"	34'-0"	24'-0"	36'-0"	116'-10 7/16"
2	3682'-11"	349'-6 3/16"	172'-9 7/16"	176'-8 3/4"	114'-9 7/16"	34'-0"	24'-0"	36'-0"	116'-8 3/4"
3	3693'-7"	348'-9 7/8"	172'-2 11/16"	176'-7 3/16"	114'-2 11/16"	34'-0"	24'-0"	36'-0"	116'-7 3/16"
4	3704'-3"	348'-1 3/4"	171'-8 1/8"	176'-5 5/8"	113'-8 1/16"	34'-0"	24'-0"	36'-0"	116'-5 11/16"

PROJECT NO. U-2579AB
FORSYTH COUNTY
 STATION: 22+26.35 -Y1B-

SHEET 1 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 STRUCTURAL STEEL
 DETAILS

DRAWN BY : TRM DATE : 07/2019
 CHECKED BY : JMR DATE : 11/2019
 DESIGN ENGINEER OF RECORD: MAL DATE : 11/2019

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-13
1			3			TOTAL SHEETS
2			4			47