

NOTES:
 FOR STRUCTURAL STEEL NOTES, SEE SHEET 3 OF 5.
 DIM. E & F ARE TO THE BEARING STIFFENERS PROVIDED AT THE LOCATION OF THE TEMPORARY SUPPORTS.

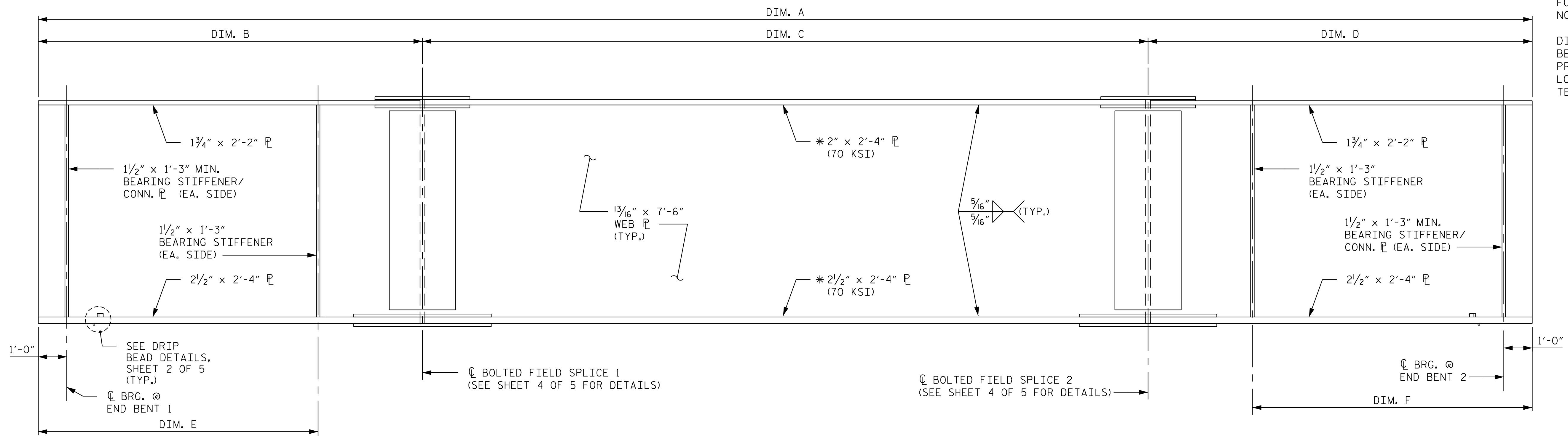
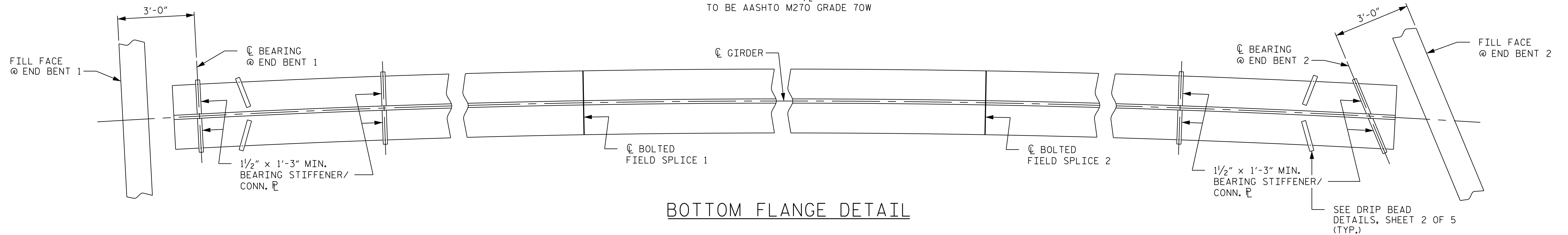


PLATE GIRDER ELEVATION

SEE GIRDER TABLE (ALL DIMENSIONS ARE ALONG ARC AT C GIRDER)
 SHEAR STUDS NOT SHOWN, SEE SHEET 2 OF 5 FOR SHEAR STUD LOCATIONS
 * 2" TOP FLANGE PLATE AND 2 1/2" BOTTOM FLANGE PLATE TO BE AASHTO M270 GRADE 70W



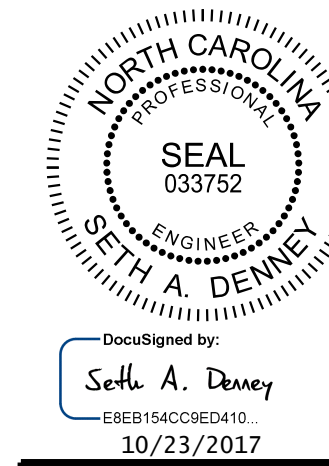
BOTTOM FLANGE DETAIL

GIRDER TABLE							
GIRDER	RADIUS	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E **	DIM. F **
G1	452'-0"	198'-11 7/8"	49'-9"	112'-6"	36'-8 7/8"	33'-6 9/16"	28'-1 1/16"
G2	442'-3"	199'-3 1/2"	48'-8 3/8"	110'-0 7/8"	40'-6 1/4"	33'-6 9/16"	28'-2 7/16"
G3	432'-6"	199'-7 3/8"	47'-7 3/4"	114'-9 7/8"	37'-1 3/4"	33'-6 5/8"	28'-3 7/8"
G4	422'-9"	199'-11 5/8"	46'-7 1/8"	112'-2 13/16"	41'-1 11/16"	33'-6 5/8"	28'-5 7/16"
G5	413'-0"	200'-4 3/16"	45'-6 1/2"	116'-6"	38'-3 11/16"	33'-6 5/8"	28'-7 3/16"
G6	403'-3"	200'-9 1/8"	44'-5 7/8"	113'-9"	42'-6 1/4"	33'-6 1/16"	28'-9 1/16"

** LOCATION OF BEARING STIFFENERS FOR TEMPORARY BENTS SHALL BE ADJUSTED IF ACTUAL LOCATION OF TEMPORARY BENTS ARE DIFFERENT THAN INDICATED.

PROJECT NO. U-5806
CABARRUS COUNTY
 STATION: 15+75.56 -Y1-
27+06.95 -L-

SHEET 1 OF 5



Designed by:
 Seth A. Denney
 EREB154CCREDK10
 10/23/2017

Designed by:
 Andrew L. Phillips
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 10/23/2017

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
STRUCTURAL STEEL
DETAILS

REVISIONS						SHEET NO. S-17
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 50
2			4			

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

K:\BIDI-Structures\Bridges\NC\011035388 - U-5806 - Final Design\Cad\Drawn\01_U-5806_S001.dgn

DRAWN BY: D. D. LOWERY DATE: 10/17
 CHECKED BY: A. L. PHILLIPS DATE: 10/17
 DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 10/17