



### EXPANSION BEARING ORIENTATION DIAGRAM

LOCATION	EXPANSION CHORD SETTING ANGLES									
	END BENT 1		BENT 1	BENT 3	BENT 4 (BACK)		BENT 4 (AHEAD)		END BENT 2	
	T	C	C	C	T	C	T	C	T	C
GIRDERS 1-4	89°53'43"	83°46'38"	86°53'47"	93°06'13"	90°03'52"	95°47'55"	89°56'08"	84°28'50"	90°06'14"	95°00'50"

#### NOTES

- C = ANGLE FROM  $\varnothing$  BRG TO EXPANSION CHORD
- T = ANGLE FROM  $\varnothing$  BRG TO LOCAL TANGENT TO CURVE

PROJECT NO. U-2579AB  
FORSYTH COUNTY  
 STATION: 47+63.62 -Y15FLYBD-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

SUPERSTRUCTURE  
 DISC BEARING  
 DETAILS



*Dominic A. Coletti* 10/11/2021

#### REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO.  
 S05-052  
 TOTAL SHEETS  
 116

DES BY: <u>S. NIFONG</u>	DATE: <u>07/19</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>07/19</u>
DES CHK: <u>D. COLETTI</u>	DATE: <u>07/19</u>	CHK BY: <u>G. SCHMITZ</u>	DATE: <u>11/19</u>



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT\_pdf\_color\_eng-50.ppt  
 USER: PETERSON  
 FILE: ... \SUPERS  
 PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl  
 TIME: 8:23:15 AM  
 DATE: 10/11/2021