

### PLAN OF SPAN A

FOR EXP. JT. AND DIAPHRAGM REINFORCEMENT AT BENT 1, SEE DETAIL C ON SHEET 2 OF 3.

### NOTES

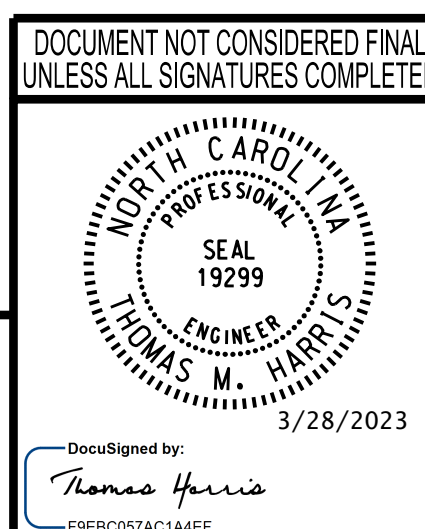
- FOR LAP LENGTHS NOT SHOWN, REFER TO TABLE ON "SUPERSTRUCTURE BILL OF MATERIAL" SHEET.
- INTERMEDIATE DIAPHRAGMS NOT SHOWN FOR CLARITY. FOR LOCATIONS, SEE "FRAMING PLAN" SHEET.
- FOR REINFORCING STEEL IN VERTICAL CONCRETE BARRIER RAIL, SEE "VERTICAL CONCRETE BARRIER" SHEET.
- FOR REINFORCING STEEL IN CONCRETE PARAPET, RAIL, SEE "CONCRETE PARAPET" SHEET.
- DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE TOP (AND BOTTOM) SLAB REINFORCING STEEL.
- THE CONTRACTOR MAY USE ADHESIVELY ANCHORED DOWELS IN PLACE OF #5D1 BARS. LEVEL 1 FIELD TESTING IS REQUIRED AND THE YIELD LOAD OF THE DOWELS IS 18.6 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE STANDARD SPECIFICATIONS.
- \* DOWELS MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH BARS IN EXISTING DECK.

- (A) #5A102 TO #5A119 @ 6" CTS. (TOP OF SLAB) (SPliced WITH #5D1)  
#5A202 TO #5A219 @ 6" CTS. (BOT. OF SLAB) (SPliced WITH #5D2)
- (B) #5A119 TO #5A102 @ 6" CTS. (TOP OF SLAB) (SPliced WITH #5D1)  
#5A219 TO #5A202 @ 6" CTS. (BOT. OF SLAB) (SPliced WITH #5D2)

PROJECT NO. U-4424  
EDGECOMBE COUNTY  
 STATION: 66+24.84 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
 PLAN OF SPAN  
 SPAN A



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

SHEET NO. **S-10**  
 TOTAL SHEETS **37**

3/28/2023 4:18:771-06 NCDOT\_NC\_111\U-4424\Structures\Dr-off\fig.DGNs\401\_021\_U4424\_SMU.S1\_010.dgn

DESIGNED BY: J. WHEATLEY DATE: MAR 2023  
 DRAWN BY: J. WHEATLEY DATE: MAR 2023  
 CHECKED BY: T. KIRSCHBAUM DATE: MAR 2023  
 DESIGN ENGINEER OF RECORD: T. HARRIS DATE: MAR 2023

DASHED LINES INDICATE BARS OCCUR BOTTOM OF SLAB ONLY

### DETAIL A

