



### FRAMING PLAN

(END BENT DIAPHRAGMS NOT SHOWN)  
(INTERMEDIATE DIAPHRAGMS NOT REQUIRED IN BAY 5 @ CLOSURE POUR)

#### GIRDER SKEW ANGLES

GIRDER No.	SPAN A				SPAN B				SPAN C																																													
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
1	55°-38'-35"	56°-23'-40"	57°-06'-44"	57°-47'-53"	58°-27'-17"	59°-05'-02"	59°-41'-15"	60°-16'-02"	60°-49'-27"	54°-05'-42"	54°-50'-48"	55°-33'-52"	56°-15'-01"	56°-54'-25"	57°-32'-10"	58°-08'-23"	58°-43'-10"	59°-16'-35"	60°-36'-44"	61°-13'-58"	61°-49'-36"	62°-23'-45"	62°-56'-31"	63°-27'-59"	63°-58'-13"	64°-27'-19"	64°-55'-20"	59°-12'-35"	59°-49'-49"	60°-25'-27"	60°-59'-36"	61°-32'-22"	62°-03'-50"	62°-34'-04"	63°-03'-10"	63°-31'-11"	65°-37'-33"	66°-07'-10"	66°-35'-35"	67°-02'-52"	67°-29'-06"	67°-54'-20"	68°-18'-38"	68°-42'-03"	69°-04'-37"	64°-53'-52"	65°-23'-29"	65°-51'-53"	66°-19'-11"	66°-45'-25"	67°-10'-39"	67°-34'-57"	67°-58'-21"	68°-20'-56"

#### SHORT CHORD ANGLES

S1	58°-24'-58"
S2	56°-52'-06"
S3	62°-54'-35"
S4	61°-30'-26"
S5	67°-27'-33"
S6	66°-43'-52"

PROJECT NO. U-5839  
HAYWOOD COUNTY  
 STATION: 24+64.13 -L- POC

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE  
 FRAMING PLAN**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-21
1			3			TOTAL SHEETS
2			4			63

PLANS PREPARED BY:

**N|V|5**

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DocuSigned by:

*Robert C. Larson*

ROBERT C. LARSON  
 ENGINEER  
 14114

EEB2398D9220470

5/18/2023

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

DRAWN BY: W. B. ALLEN DATE: 9/19  
 CHECKED BY: Z. H. BROWN DATE: 1/20  
 DESIGN ENGINEER OF RECORD: R. C. LARSON DATE: 4/23

DocuSigned by:

*Robert C. Larson*

ROBERT C. LARSON  
 ENGINEER  
 14114

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5/17/2023 7:05:58 PM R:\Structures\3 span Bridge cover RRY-21UG839-SMU.FP\_410184.dgn