DRAWN BY: JMB 12/87

CHECKED BY : ARB 12/87

DESIGN ENGINEER
OF RECORD: T HARRIS

CHECKED BY:

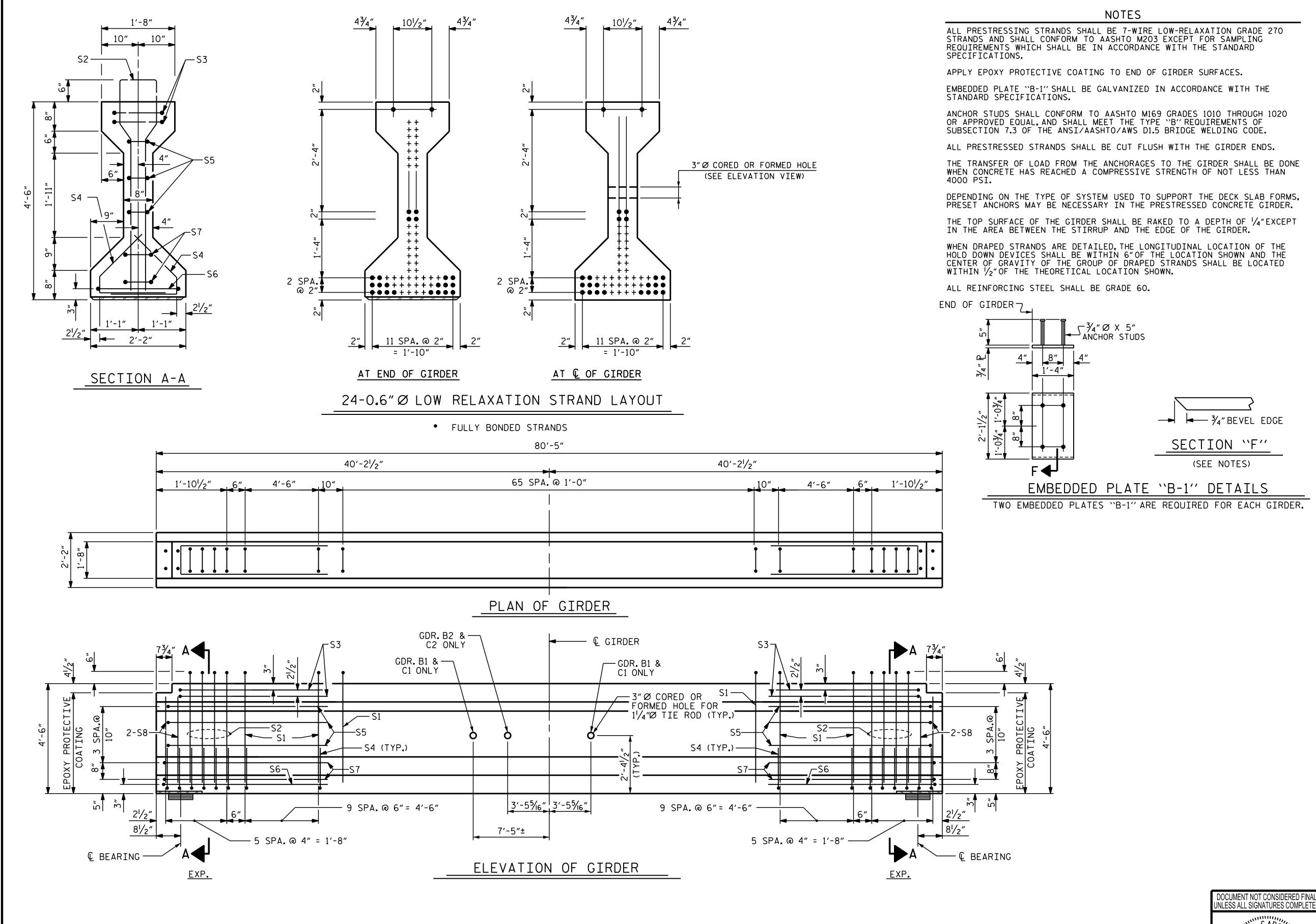
MAA/TMG

DATE : MAR 2023

J. WHEATLEY DATE: MAR 2023

J. WHEATLEY DATE: MAR 2023

T.KIRSCHBAUM DATE: MAR 2023



0.6" Ø L. R. GRADE 270 STRANDS

APPLIED ULTIMATE AREA PRESTRESS STRENGTH (LBS. PER STRAND) (LBS. PER STRAND) (SQUARE INCHES) 0.217 43,950 58,600

## REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	86	#4	1	10'-8"	613
S2	8	#6	1	10'-8"	128
S3	4	#4	2	9'-1"	24
S4	64	#4	3	3′-5″	146
S5	6	#4	2	8′-5″	34
S6	2	#4	2	9'-11"	13
S7	4	#4	2	8'-7"	23
S8	8	#6	STR	3′-9″	45

BAR TYPES

ALL BAR DIMENSIONS ARE OUT-TO-OUT

QUANTITIES FOR ONE GIRDER

	REINFORCING STEEL	5000 PSI CONCRETE	0.6"Ø L.R. STRANDS
	LB.	C.Y.	No.
B1, B2, C1, C2	1026	16.3	24

GIRDERS REQUIRED LENGTH NUMBER TOTAL LENGTH 321.7 80.4 4

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

> STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

> > STANDARD

AASHTO TYPE IV PRESTRESSED CONCRETE GIRDER SPANS B & C

REVISIONS SHEET NO. NO. BY: S-16 DATE: DATE: BY: TOTAL SHEETS

WSP USA Inc. 434 FAYETTEVILLE STREET SUITE 1500 RALEIGH, NC 27601 TEL: 1.919.836.4040 LICENSE NO. F-0165

SEAL 19299

3/28/2023

No M. H.

Thomas Harris