98'-6 7/16"

FILL FACE

PLAN

2.0 SQ. FT.
SHOTCRETE
REPAIR

1.0 LN. FT.
ERI

7.5 SQ. FT.
SHOTCRETE
REPAIR

2.0 LN. FT.
ERI

1.0 LN. FT.
ERI

ELEVATION

14.2 SQ. FT.
SHOTCRETE
REPAIR

℄ BRIDGE

EXISTING
CONCRETE
MEDIAN
BARRIER

4.0 LN. FT.
ERI

EXISTING

EXISTING
2 BAR METAL
RAIL (TYP.)

5.0 SQ. FT.
SHOTCRETE
REPAIR

3.0 LN. FT.
ERI

GIRDER 14

GIRDER 13

2.0 LN. FT.
ERI

1.5 SQ. FT.
SHOTCRETE
REPAIR

GIRDER 12

1.5 SQ. FT.
SHOTCRETE
REPAIR

GIRDER 11

GIRDER 10

GIRDER 9 GIRDER 8 GIRDER 7 GIRDER 6

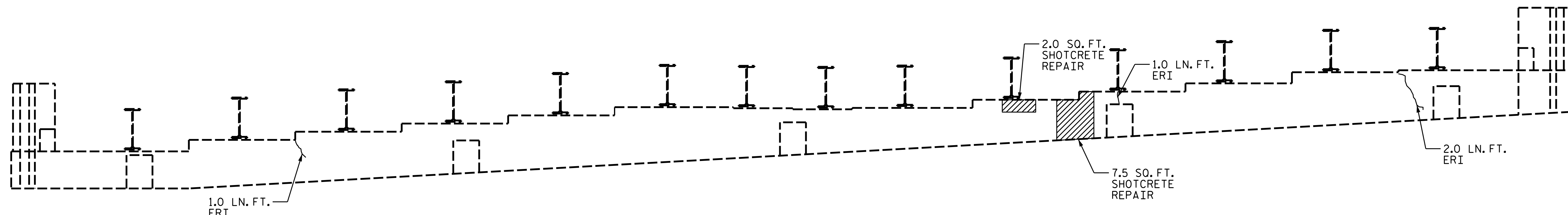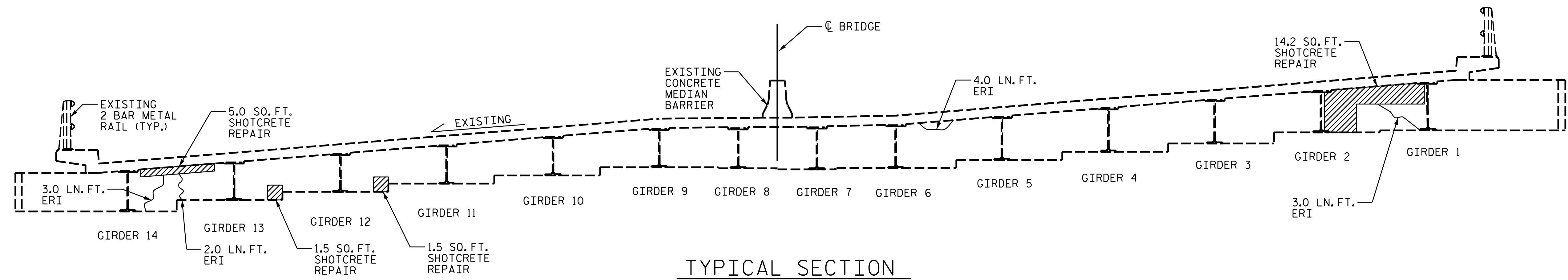GIRDER 5

GIRDER 4

GIRDER 3

GIRDER 2

GIRDER 1

3.0 LN. FT.
ERI

TYPICAL SECTION

NOTE:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON THE BEST INFORMATION AVAILABLE.
IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER,
THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE
REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

FOR CAP REPAIRS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

FOR SHOTCRETE REPAIR, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIR, SEE SPECIAL PROVISIONS.

CLEAN AND REMOVE DEBRIS FROM THE TOP OF THE CAP AND APPLY EPOXY PROTECTIVE COATING. EPOXY
COATING SHALL BE APPLIED TO THE TOP SURFACE OF THE CAP. THE CONTRACTOR SHALL NOT COAT THE
AREA OF THE CAP BENEATH THE MASONRY PLATES. FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

CONCRETE REPAIR AREA
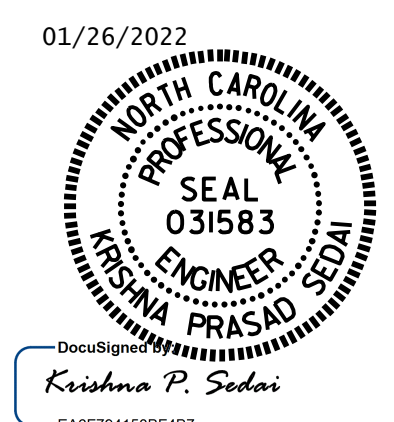
SHOTCRETE REPAIR AREA

EPOXY RESIN INJECTION (ERI)

AS-BUILT REPAIR QUANTITY TABLE

END BENT 1	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CAP	9.5	4.8		
CURTAIN WALL	22.2	11.1		
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CAP	0.0	0.0		
EPOXY RESIN INJECTION		LIN. FT.		LIN. FT.
CURTAIN WALL		12.0		
CAP		4.0		
EPOXY COATING		AREA SQ. FT.		AREA SQ. FT.
TOP OF CAP		148.0		

VALUES IN THE CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER
REMOVAL OF UNSOUND CONCRETE. MINIMUM OF 1" BEHIND REBAR AND
MINIMUM OF 2" CLEARANCE TO SAWCUT. FOR REPAIR DETAILS, SEE
"TYPICAL CAN AND COLUMN REPAIR DETAILS" SHEET.

PROJECT NO. 15BPR.55

FORSYTH COUNTY

BRIDGE NO. 330078

END BENT 1

DRAWN BY: E. BAYISSA   DATE: 09/2020
CHECKED BY: A. SORSENGINH   DATE: 08/2021

REVISIONS

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

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SHEET NO.
S1-14

TOTAL SHEETS
79

1/25/2022
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