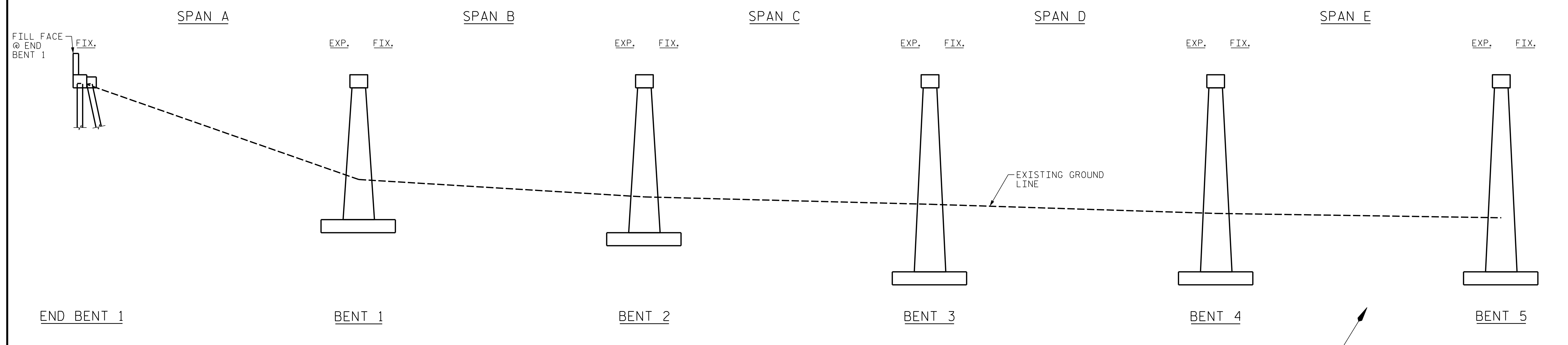
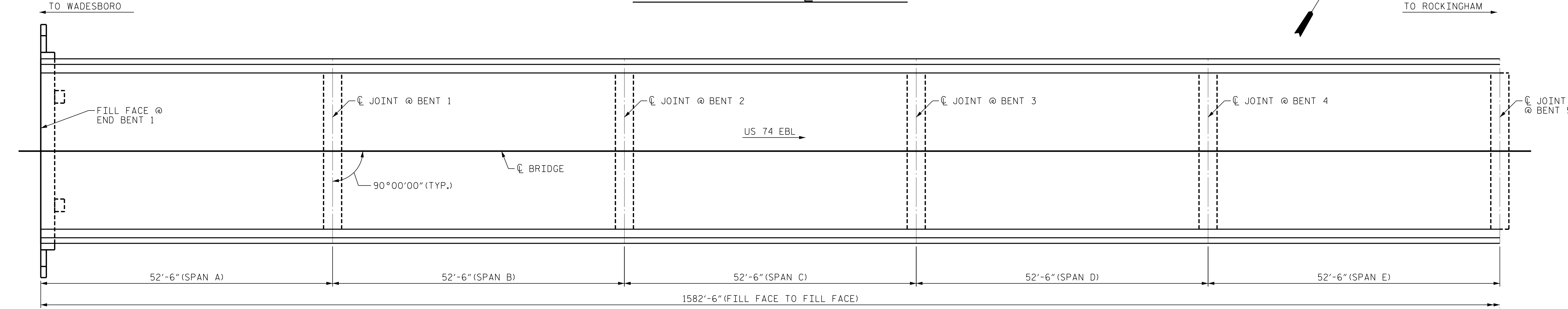


NOTES
GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND FIELD SCOPING ON 9/12/2018.
BRIDGE ORIENTATION CONFORMS TO EXISTING BRIDGE PLANS.



SECTION ALONG C ROADWAY



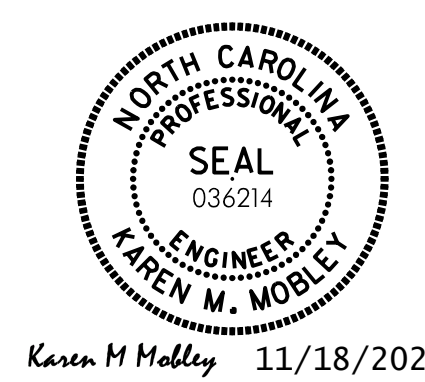
PLAN

PROJECT NO. 15BPR.38
ANSON COUNTY
BRIDGE NO: 030078
SHEET 1 OF 8

SCOPE OF WORK

- MILL AND WEDGE REPLACE ASPHALT PAVEMENT AT APPROACHES.
- REMOVE ASPHALT PAVEMENT ON BRIDGE DECK BY SCARIFICATION.
- PARTIALLY REMOVE BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.
- OVERLAY PREPARED BRIDGE DECK WITH POLYMER CONCRETE (PC).
- GROOVE PC BRIDGE DECK.
- REPLACE JOINTS WITH FOAM JOINT SEALS.
- PREPARE AND REPAIR PRESTRESSED GIRDER REPAIR AREAS.
- CLEAN AND PAINT EXISTING BEARING ASSEMBLIES WITH HRCSA.
- REMOVE UNSOUND CONCRETE AND PROPERLY PREPARE SHOTCRETE AND CONCRETE REPAIR AREAS.
- PERFORM SHOTCRETE AND CONCRETE REPAIRS IN PREPARED AREAS.
- EPOXY INJECTION OF CONCRETE CRACKS.
- REMOVE DEBRIS FROM TOP OF BENT CAPS AND STRUTS, AND APPLY EPOXY COATING ON TOP OF CAPS.

I HEREBY CERTIFY THAT THIS STRUCTURE WAS REHABILITATED ACCORDING TO THESE PLANS OR AS NOTED HEREIN.
RESIDENT ENGINEER _____ DATE _____



Karen M Mobley 11/18/2021

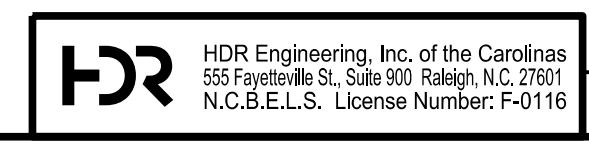
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON
US 74 EBL OVER
PEE DEE RIVER

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

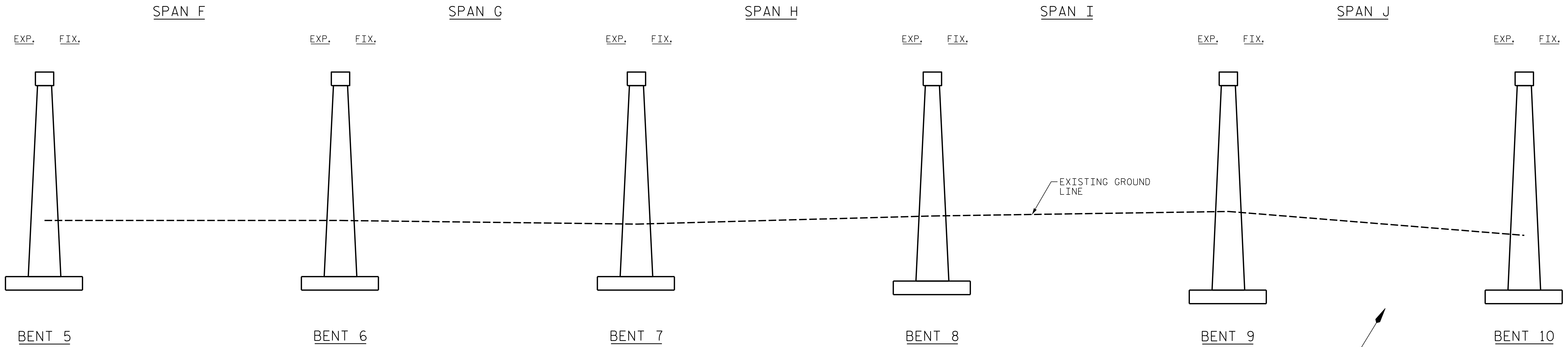
SHEET NO. S2-1
TOTAL SHEETS 97

DWG BY: F. PAUL DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

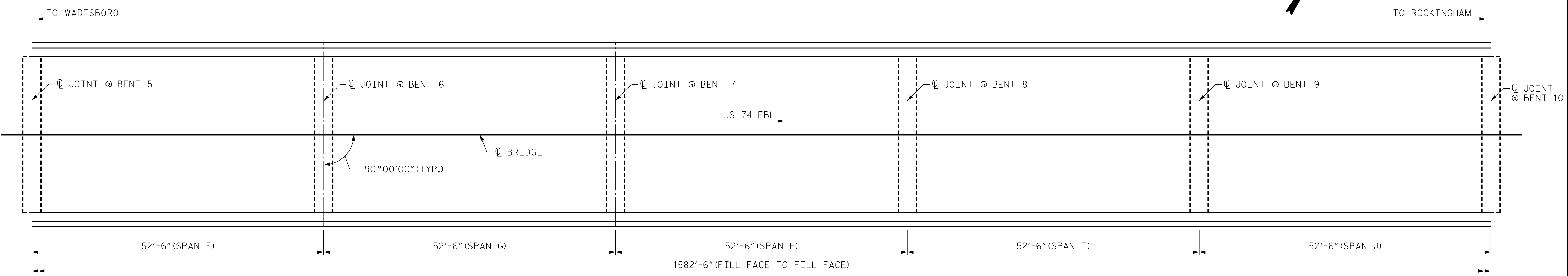


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:29:03 AM
FILE: ...78\Revisions\030078.dgn



SECTION ALONG C ROADWAY



PLAN

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 2 OF 8



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON
 US 74 EBL OVER
 PEE DEE RIVER

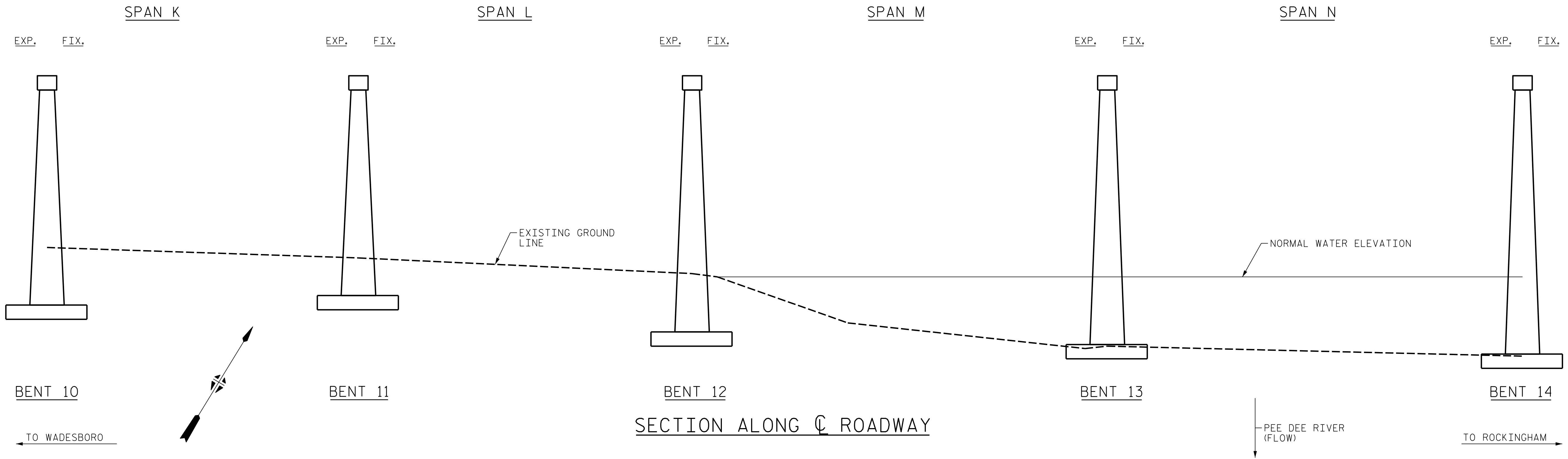
REVISIONS						SHEET NO. S2-2 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

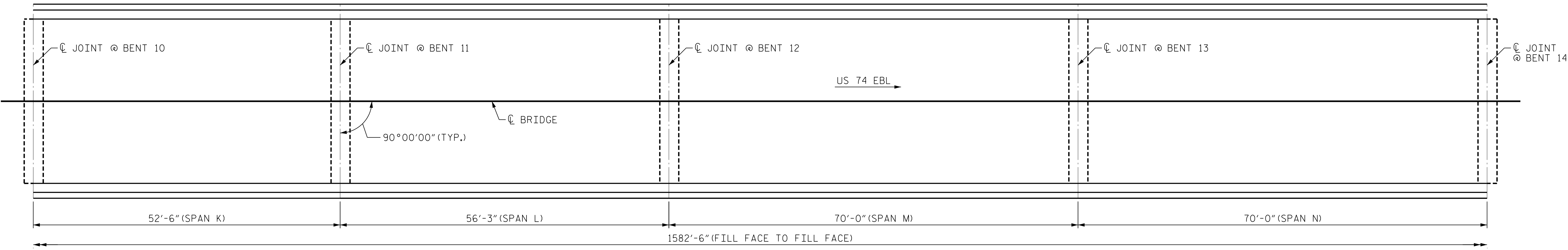
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:32:45 AM
 FILE: ...78\Revisions\DCN\0301.dgn

DWG BY: <u>F. PAUL</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>



SECTION ALONG C ROADWAY



PLAN

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 3 OF 8



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON
 US 74 EBL OVER
 PEE DEE RIVER

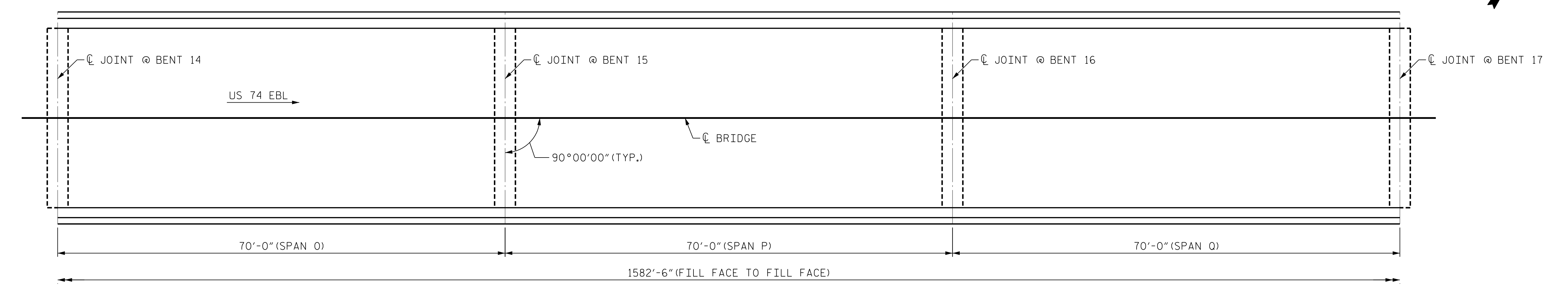
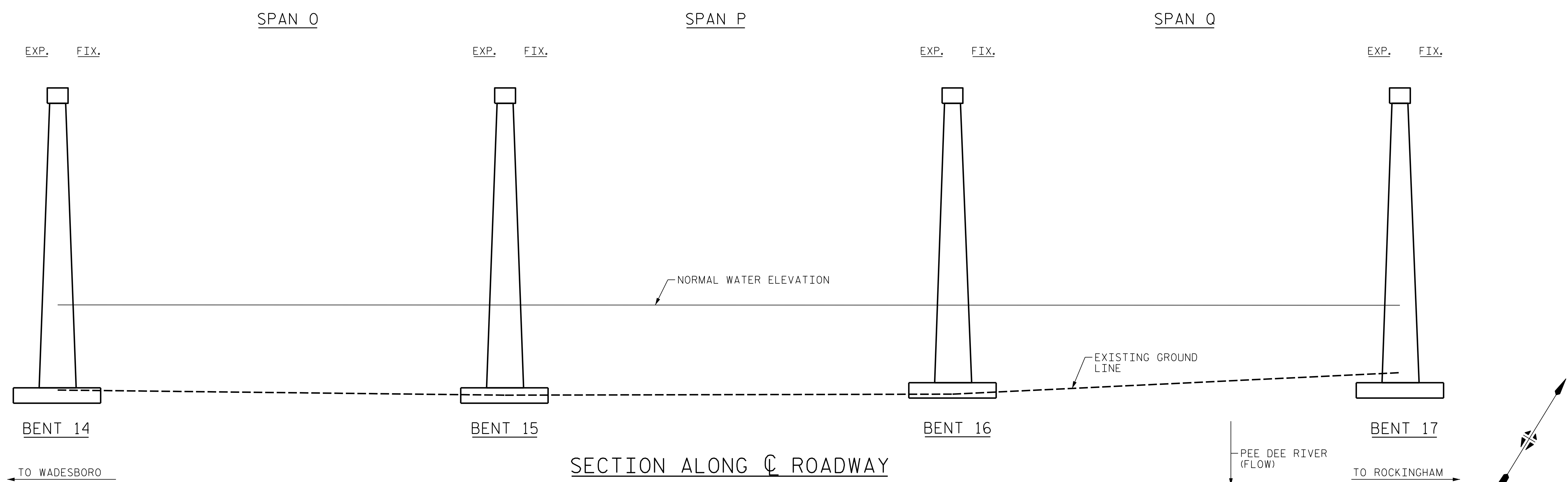
REVISIONS						SHEET NO. S2-3 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:34:35 AM
 FILE: ... \78\Revisions\DCN\0302.dgn

DWG BY: F. PAUL DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



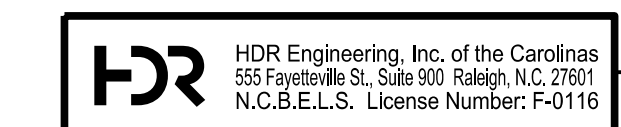
PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 4 OF 8



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON
 US 74 EBL OVER
 PEE DEE RIVER

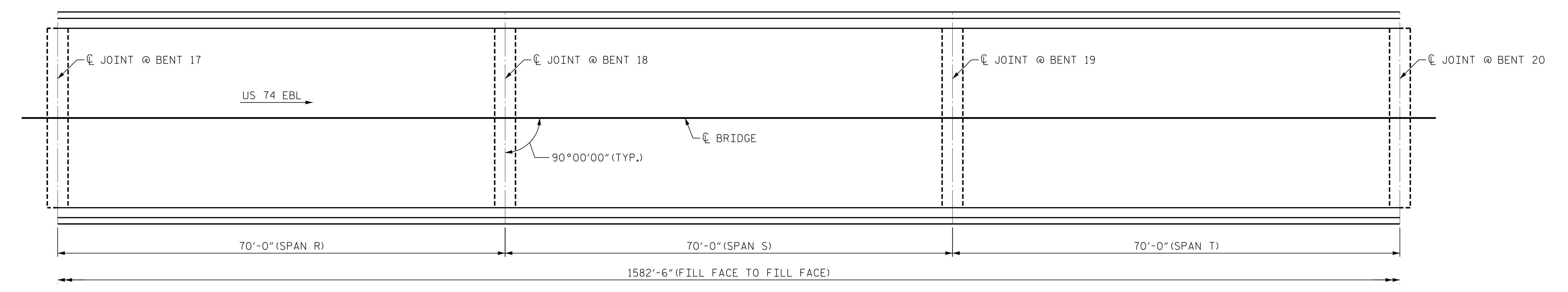
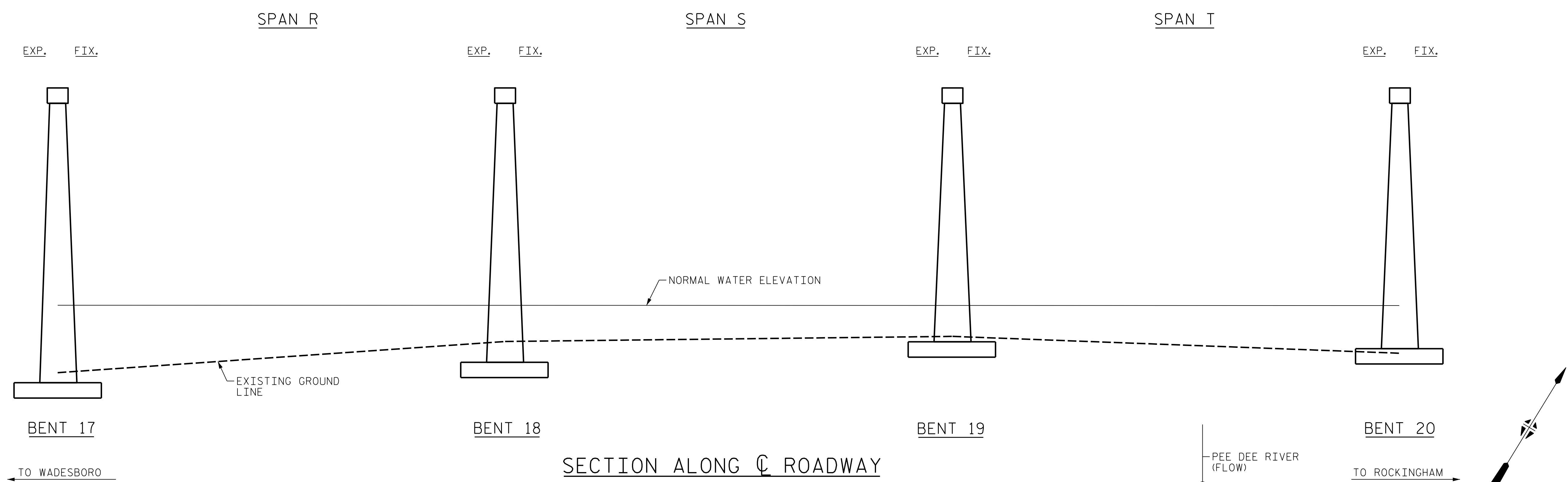
REVISIONS						SHEET NO. S2-4 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



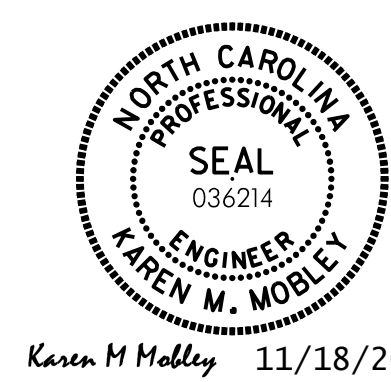
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:36:39 AM
 FILE: ... \78\Revisions\DCN\0303.dgn

DWG BY: F. PAUL DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 5 OF 8



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON
 US 74 EBL OVER
 PEE DEE RIVER

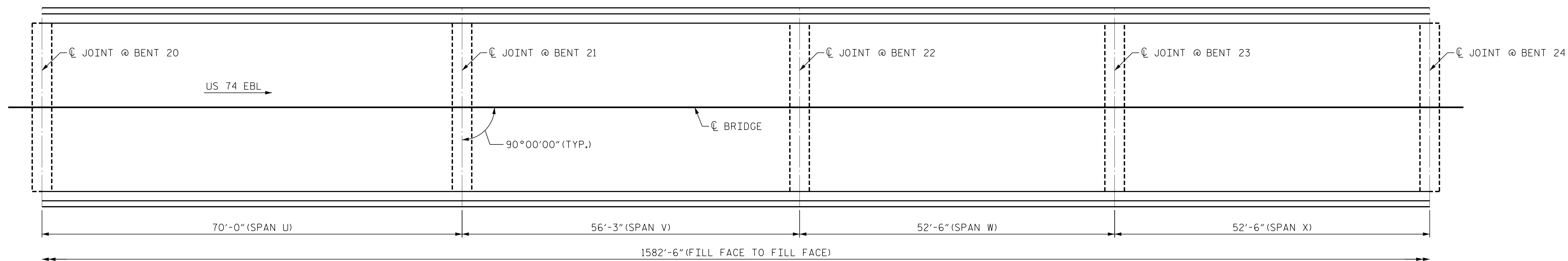
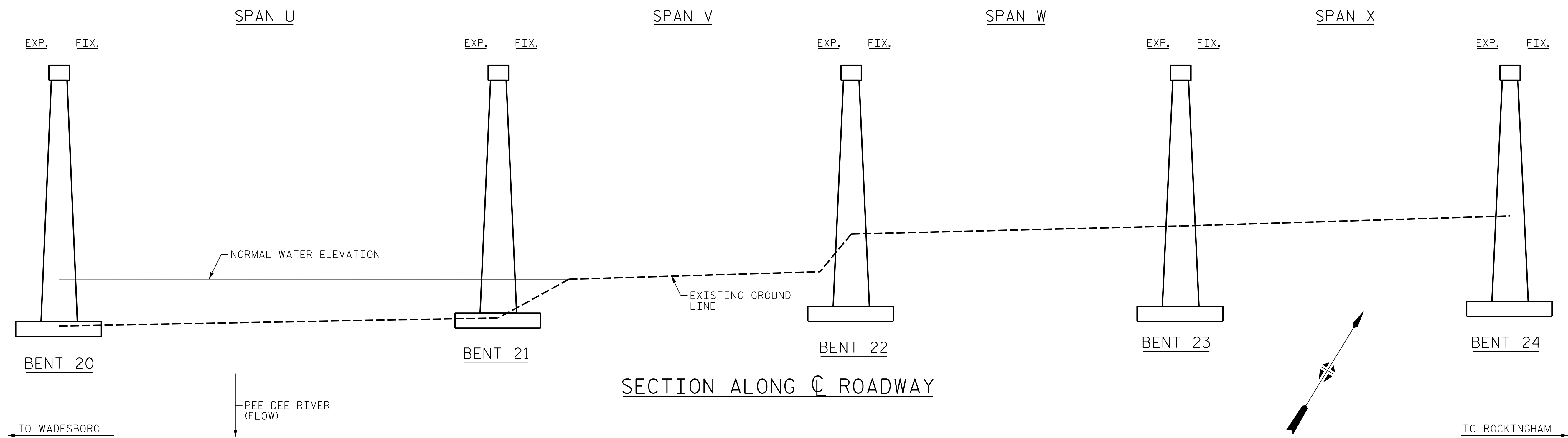
REVISIONS						SHEET NO. S2-5 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:37:49 AM
 FILE: ... \78\Revisions\DCN\0304.dgn

DWG BY: F. PAUL DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



PLAN

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 6 OF 8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON
US 74 EBL OVER
PEE DEE RIVER



Karen M Mobley 11/18/2021

DWG BY: F. PAUL DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

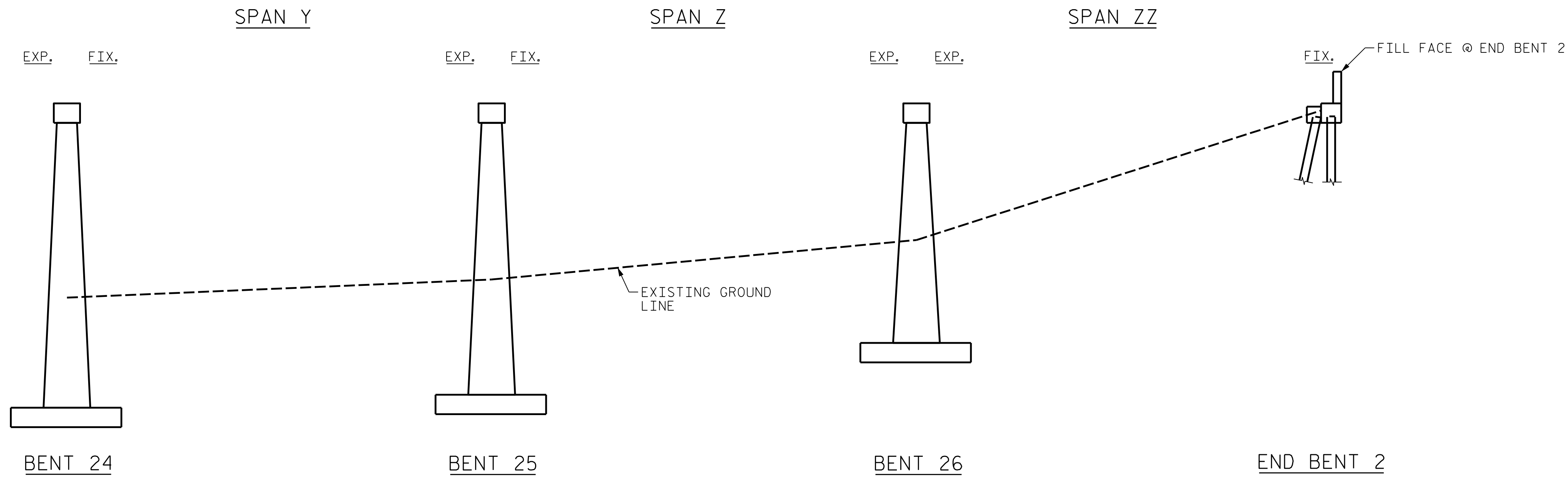


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

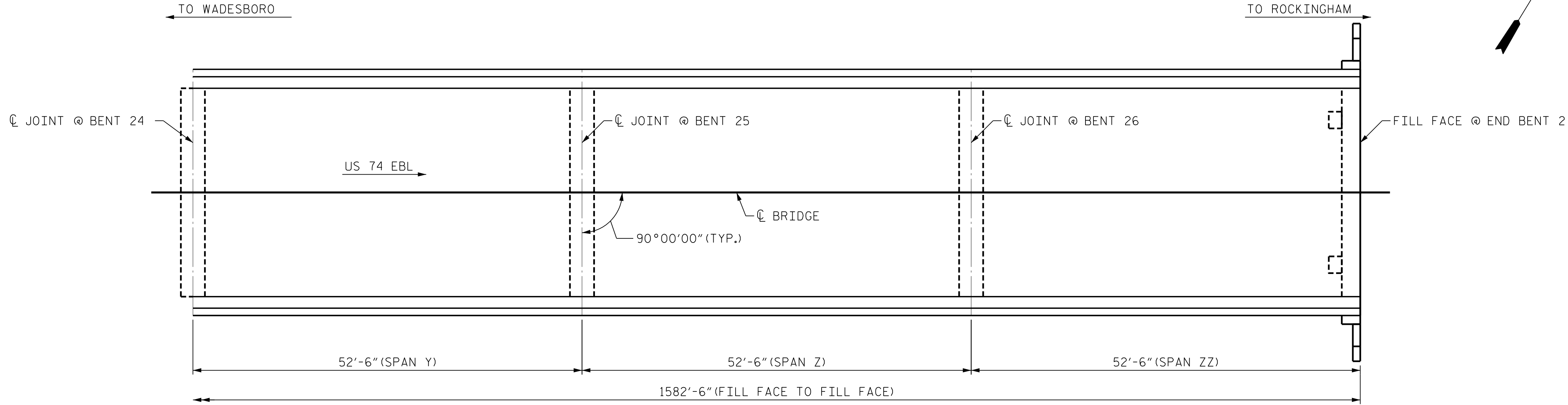
REVISIONS						SHEET NO. S2-6 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:38:53 AM
FILE: ...78\Revisions\DCN\0305.dgn

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
USER: LZAMPETTI DATE: 11/17/2021 TIME: 9:39:41 AM
FILE: ... \78\Revisions\DCN\0306.dgn



SECTION ALONG \bar{C} ROADWAY



PLAN

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 7 OF 8



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON
US 74 EBL OVER
PEE DEE RIVER

DWG BY:	F. PAUL	DATE :	01/19
CHK BY:	K. MOBLEY	DATE :	01/19

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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

SHEET NO.	S2-7
TOTAL SHEETS	97



LOCATION SKETCH

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING BRIDGES, ROADWAYS, UTILITIES, THE SURROUNDING AREA AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

BRIDGE COORDINATES

LAT: 34.946067
LONG: -79.870617

TOTAL BILL OF MATERIAL

BRIDGE NO. 78	INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX	GROOVING BRIDGE FLOORS	POLLUTION CONTROL	CLASS II SURFACE PREPARATION	CONCRETE REPAIRS	SHOTCRETE REPAIRS	EPOXY RESIN INJECTION	PAINTING CONTAINMENT FOR BRIDGE NO. 78	FOAM JOINT SEALS FOR PRESERVATION	POLYESTER POLYMER CONCRETE MATERIALS	EPOXY POLYMER CONCRETE MATERIALS (ALTERNATE)	REPAIRS TO PRESTRESSED CONCRETE GIRDERS	EPOXY COATING	CONCRETE DECK REPAIR FOR POLYMER CONCRETE OVERLAY	PLACING AND FINISHING POLYMER CONCRETE OVERLAY
TOTALS	SO. YDS.	TONS	TONS	SO. FT.	LUMP SUM	SO. YDS.	CU. FT.	CU. FT.	LIN. FT.	LUMP SUM	LIN. FT.	CU. YDS.	CU. YDS.	CU. FT.	SO. FT.	SO. YDS.	SO. YDS.
	1000.0	90.0	10.0	39562.6	LUMP SUM	78.0	7.6	54.7	2.0	LUMP SUM	863.2	204.4	204.4	68.8	2116.2	78.0	4922.1

TOTAL BILL OF MATERIAL

BRIDGE NO. 78	SCARIFYING BRIDGE DECK	SHOTBLASTING BRIDGE DECK	CLEANING AND PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE
TOTALS	SO. YDS.	SO. YDS.	EA.
	4922.1	4922.1	252

DWG BY: M. SELLS DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

NOTES

- EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM THE BEST INFORMATION AVAILABLE.
- THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.
- THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THAT SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS. FOR TRAFFIC CONTROL AND LIMITS OF PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLANS.
- WORK ON BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS.
- LONGITUDINAL CONSTRUCTION JOINT SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.
- ANY DAMAGE TO EXISTING REINFORCING STEEL DURING CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING THE BRIDGE SURFACE AND/OR TRAFFIC.
- FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
- FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
- FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.
- FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
- FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.
- FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.
- FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.
- FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.
- FOR REPAIRS TO PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS.
- FOR EPOXY COATING, SEE EPOXY COATING AND DEBRIS REMOVAL SPECIAL PROVISIONS.
- FOR CONCRETE DECK REPAIR FOR PC OVERLAY, PC MATERIALS AND PLACING AND FINISHING PC OVERLAY. SEE POLYMER CONCRETE BRIDGE DECK OVERLAY SPECIAL PROVISIONS.
- EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATION OF BRIDGE DECK.
- FOR SCARIFYING BRIDGE DECK, SHOTBLASTING BRIDGE DECK, AND CLASS II SURFACE PREPARATION, SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISIONS.
- THE EXISTING BRIDGE DECK SHALL BE REPAIRED AS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER AFTER SCARIFICATION AND PRIOR TO BRIDGE DECK SHOTBLAST AND APPLICATION OF THE PC OVERLAY, UNLESS OTHERWISE APPROVED, SUCH LOCATIONS SHALL BE REPAIRED WITH PC.
- FOR CLEANING AND PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE, SEE SPECIAL PROVISIONS.



PROJECT NO. 15BPR.38
ANSON COUNTY
BRIDGE NO: 030078

SHEET 8 OF 8



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON
US 74 EBL OVER
PEE DEE RIVER

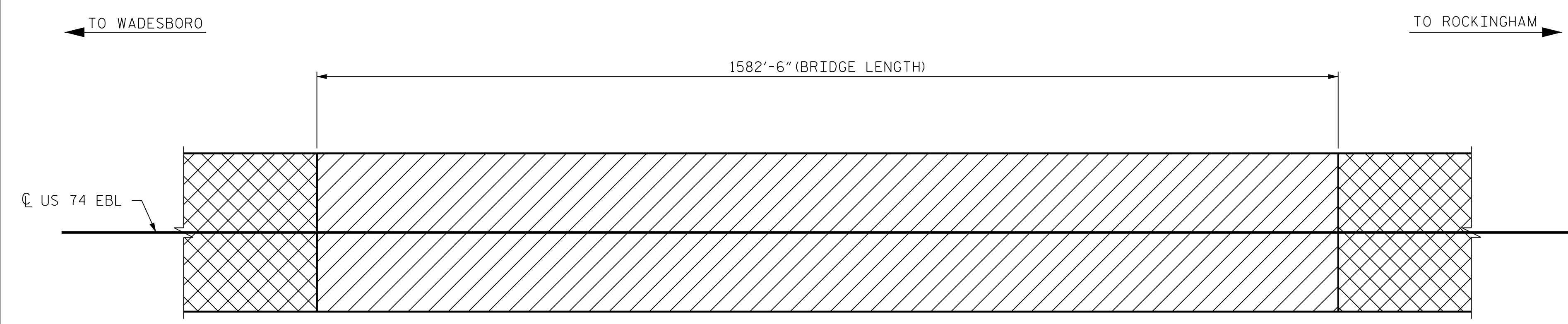
REVISIONS						SHEET NO. S2-8 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

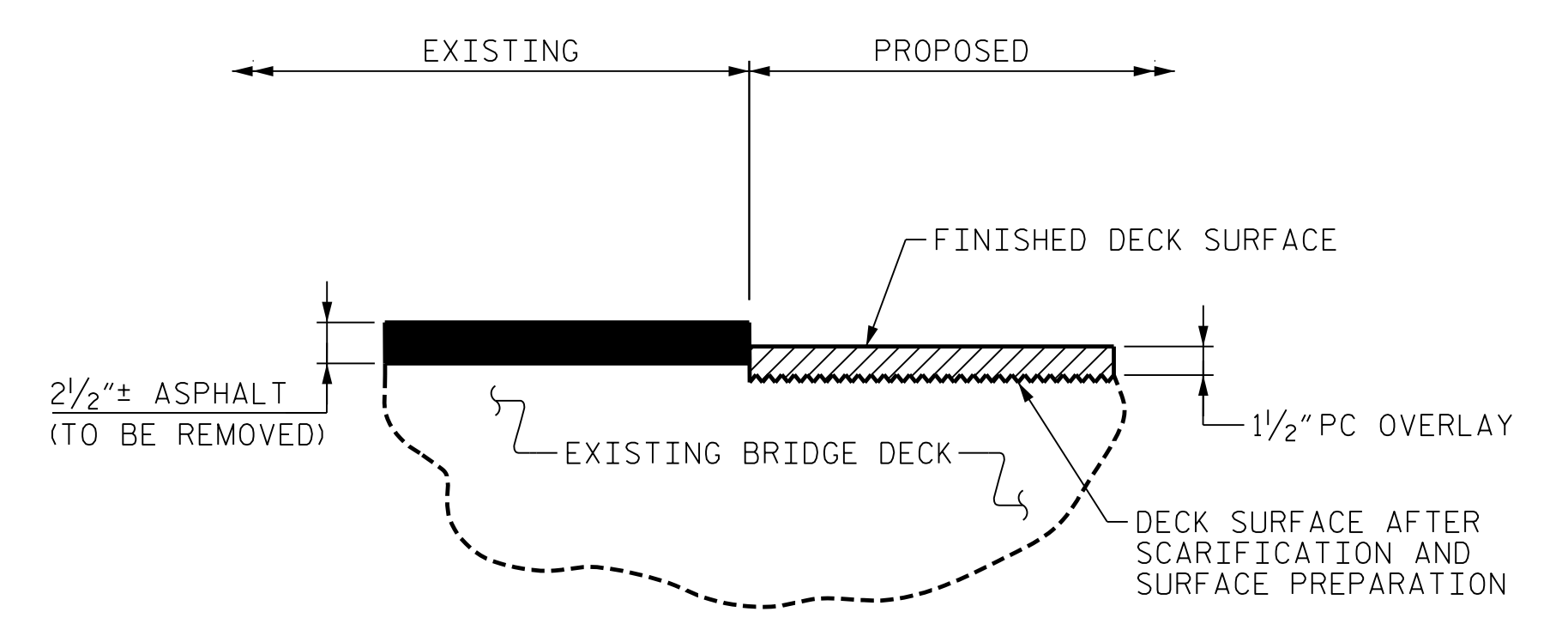
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
USER: LZAMPETTI DATE: 11/17/2021
FILE: ...78\Revisions\DCN\0330.dgn

NOTES
 SEE TRANSPORTATION MANAGEMENT PLANS FOR LANE WIDTH, SEQUENCING AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND POLYMER CONCRETE PLACEMENT.

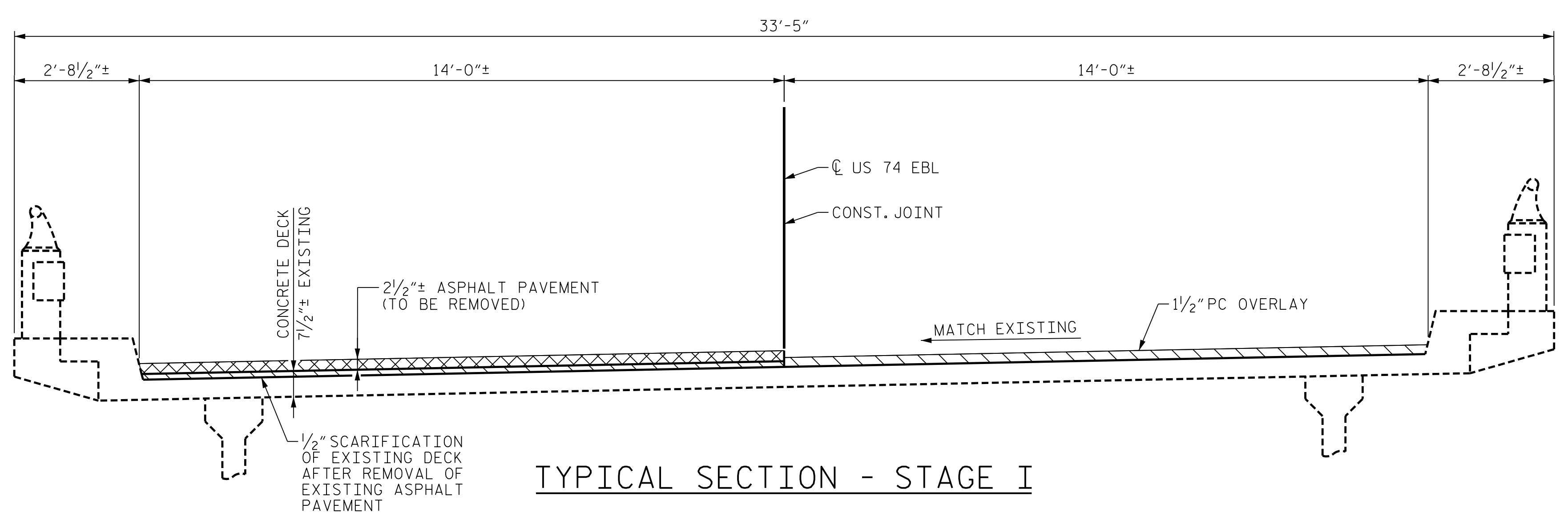


INCIDENTAL MILLING (cross-hatched pattern)
 BRIDGE DECK SCARIFICATION (diagonal hatched pattern)

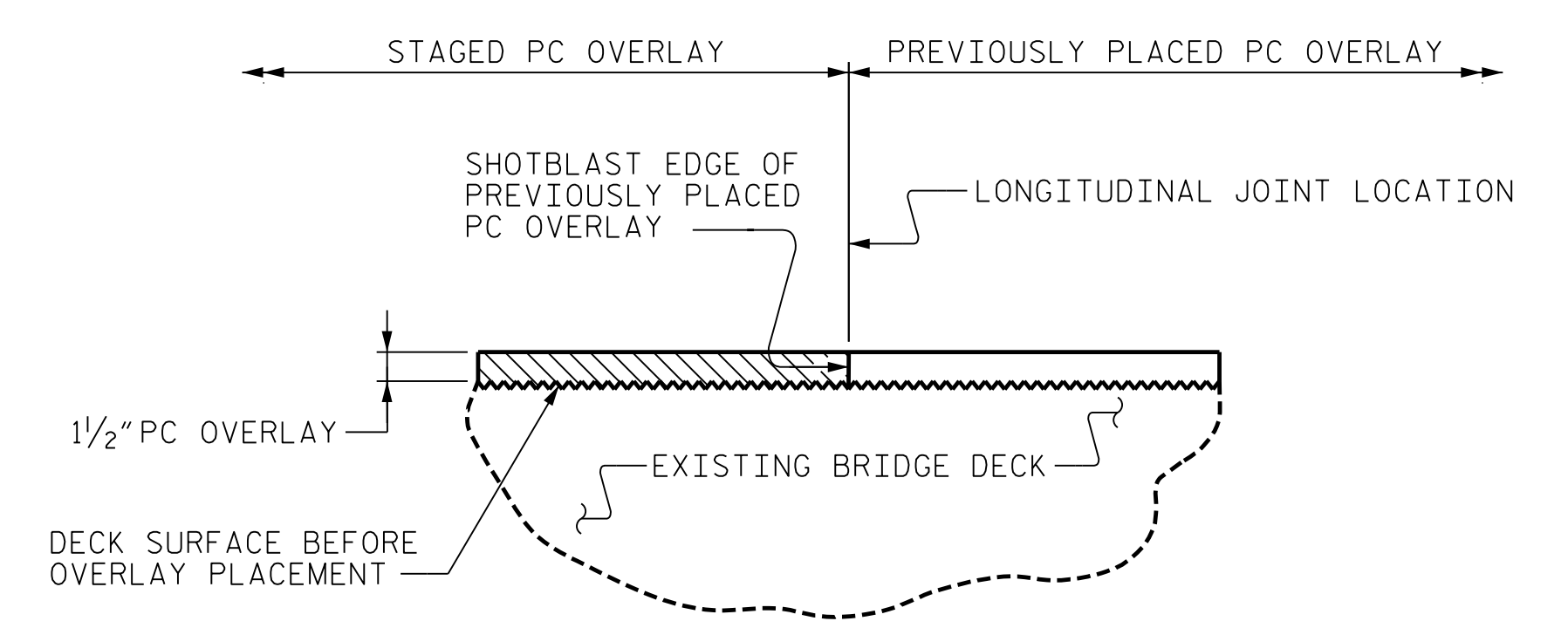
DECK SCARIFICATION



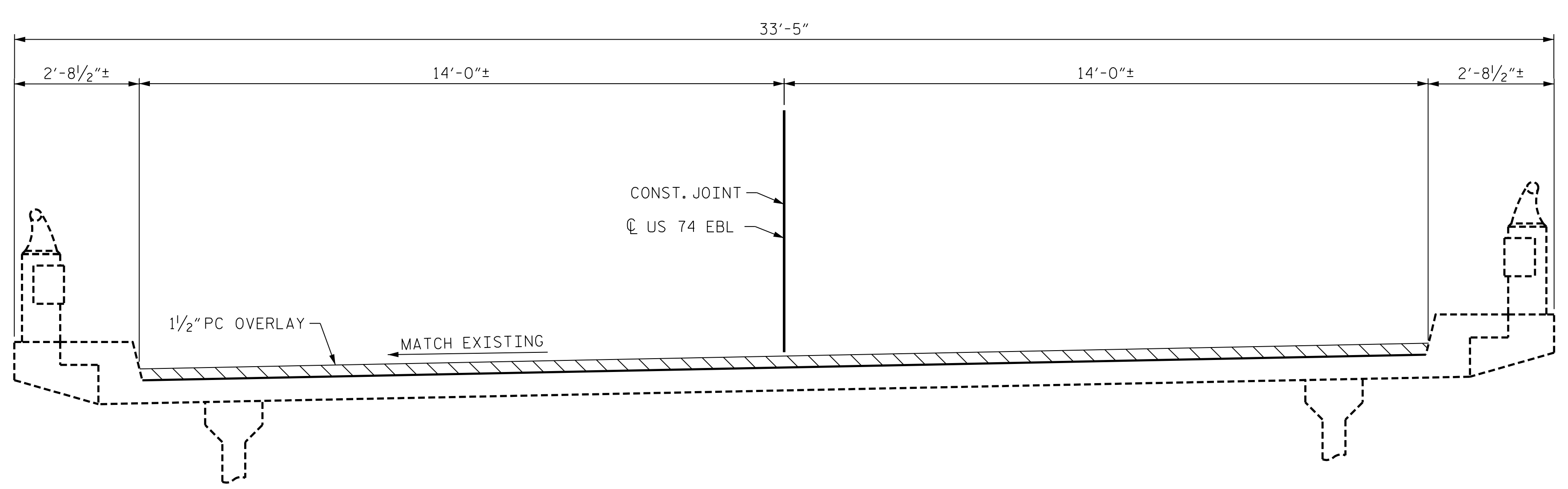
DETAIL OF POLYMER CONCRETE OVERLAY



TYPICAL SECTION - STAGE I

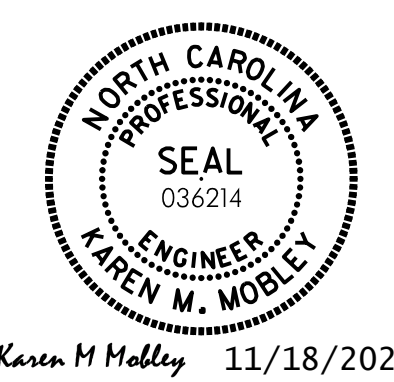


STAGED POLYMER CONCRETE OVERLAY JOINT



TYPICAL SECTION - STAGE II

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STAGED CONSTRUCTION PC OVERLAY DETAIL

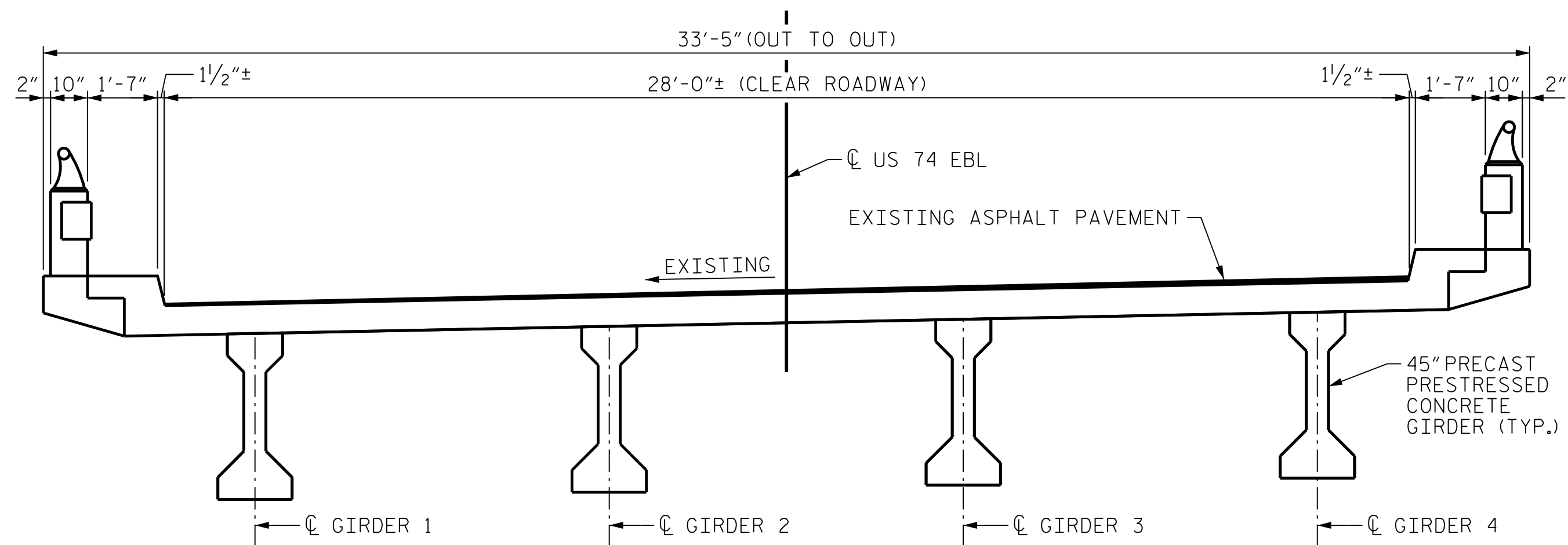
REVISIONS						SHEET NO. S2-9 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

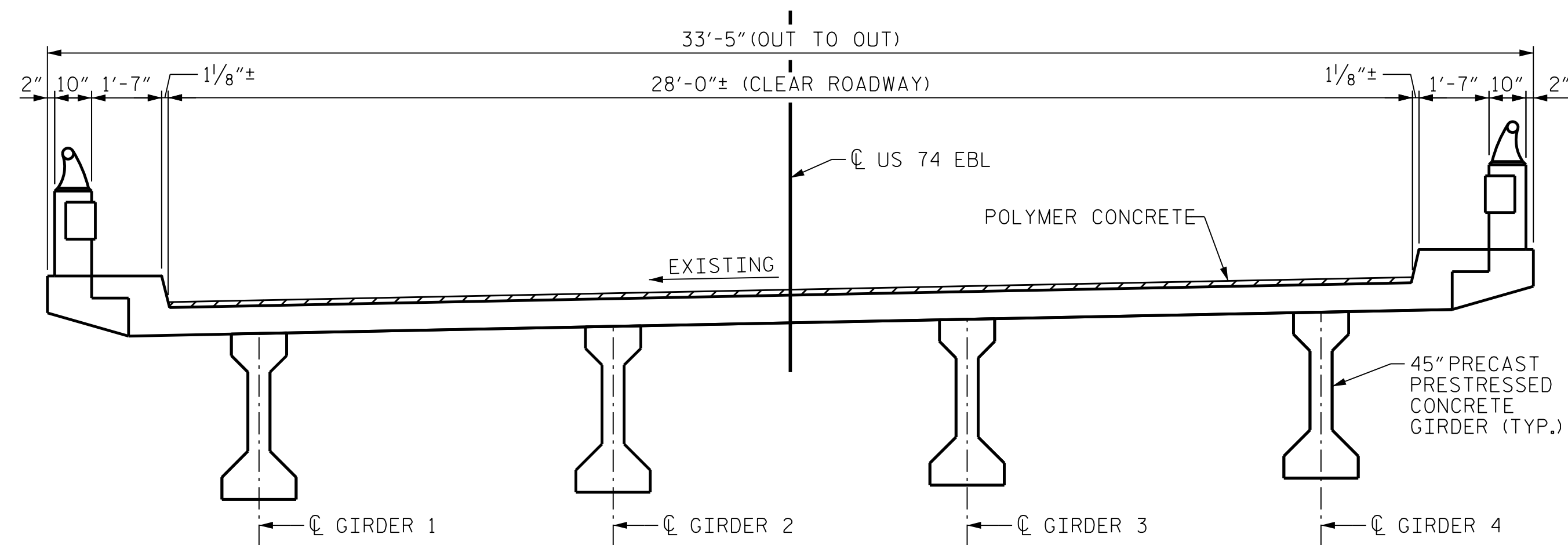
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:15:35 AM
 FILE: ... \78\Revisions\DCN\0400.dgn

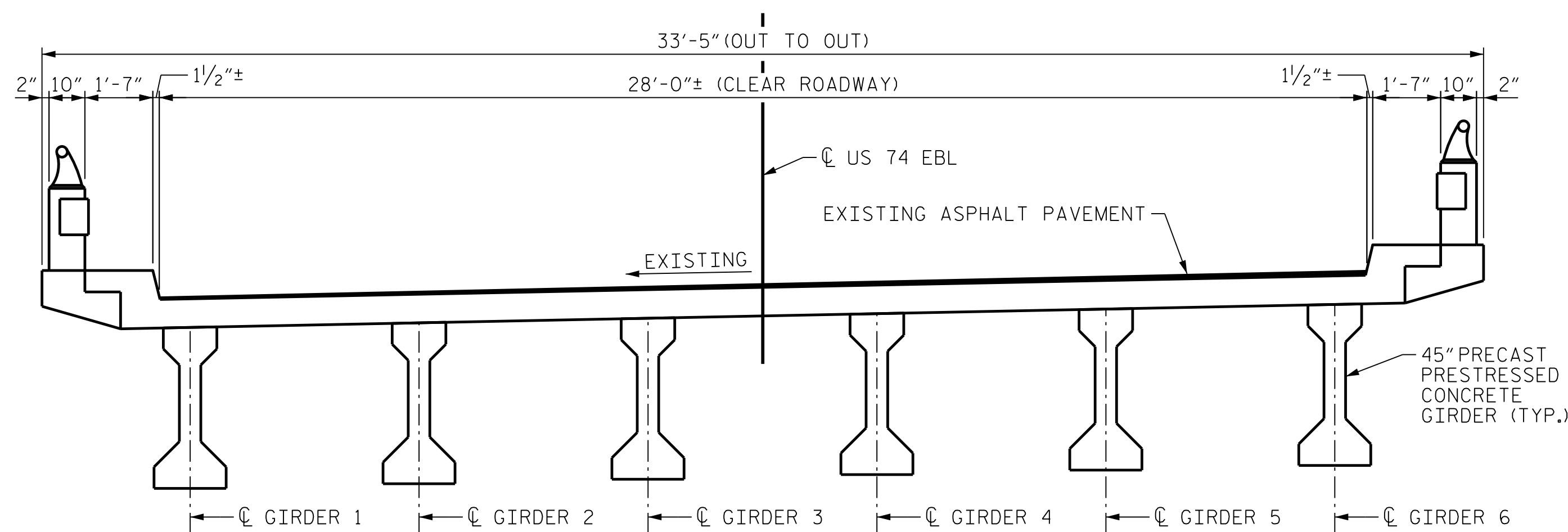
DWG BY: D. CARTER DATE: 12/18
 CHK BY: K. MOBLEY DATE: 12/18



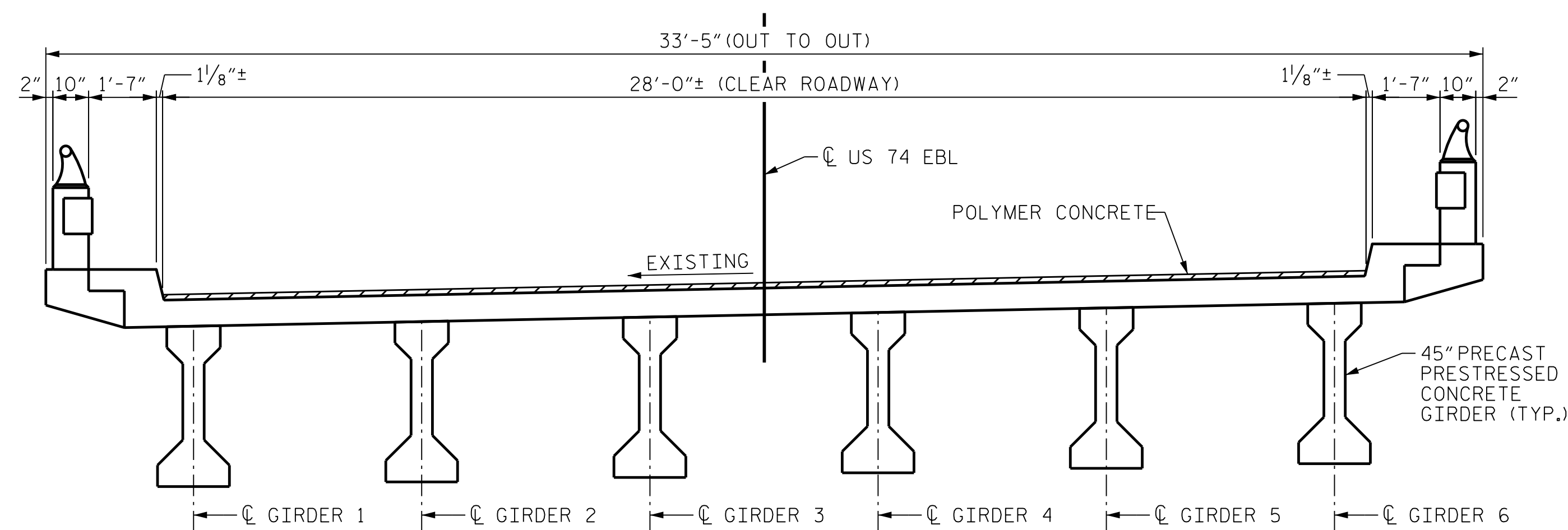
TYPICAL SECTION
SPANS A-L AND V-ZZ
 (EXISTING)



TYPICAL SECTION
SPANS A-L AND V-ZZ
 (PROPOSED)



TYPICAL SECTION
SPANS M THRU U
 (EXISTING)



TYPICAL SECTION
SPANS M THRU U
 (PROPOSED)

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
TYPICAL SECTION					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					SHEET NO. S2-10 TOTAL SHEETS 97



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt
 USER: LZAMPETTI DATE: 11/17/2021
 FILE: ...78\Revisions\DCN\0500.dgn
 PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 TIME: 10:20:07 AM

DWG BY:	D. CARTER	DATE :	01/19
CHK BY:	K. MOBLEY	DATE :	01/19

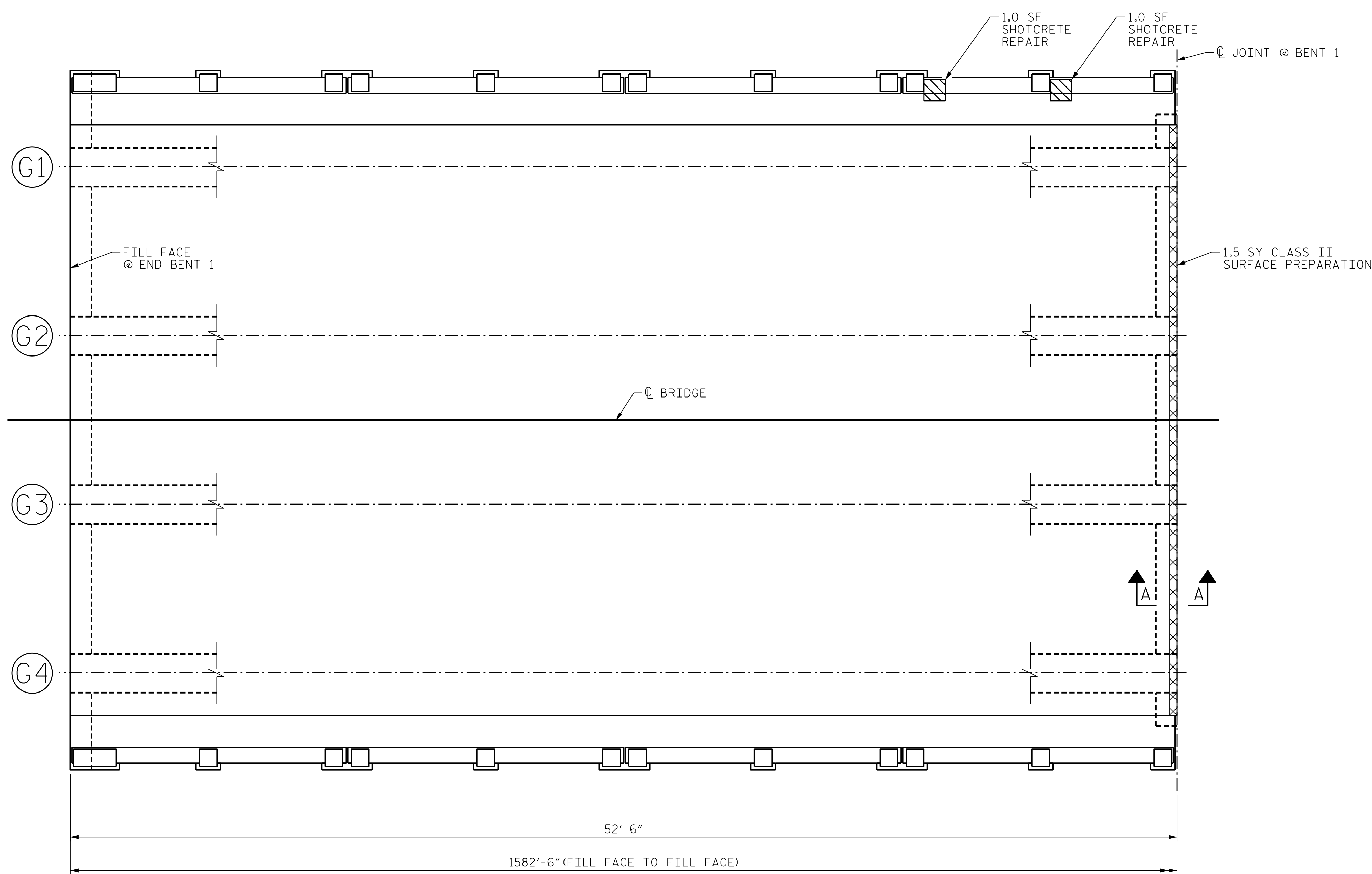
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN A

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	2.0	0.2		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	1.5 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	1.5 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 1 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN A**

REVISIONS						SHEET NO. S2-11 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: <u>D. CURTIS</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:22:27 AM
 FILE: ... \78 Revisions\DCN\0520.dgn

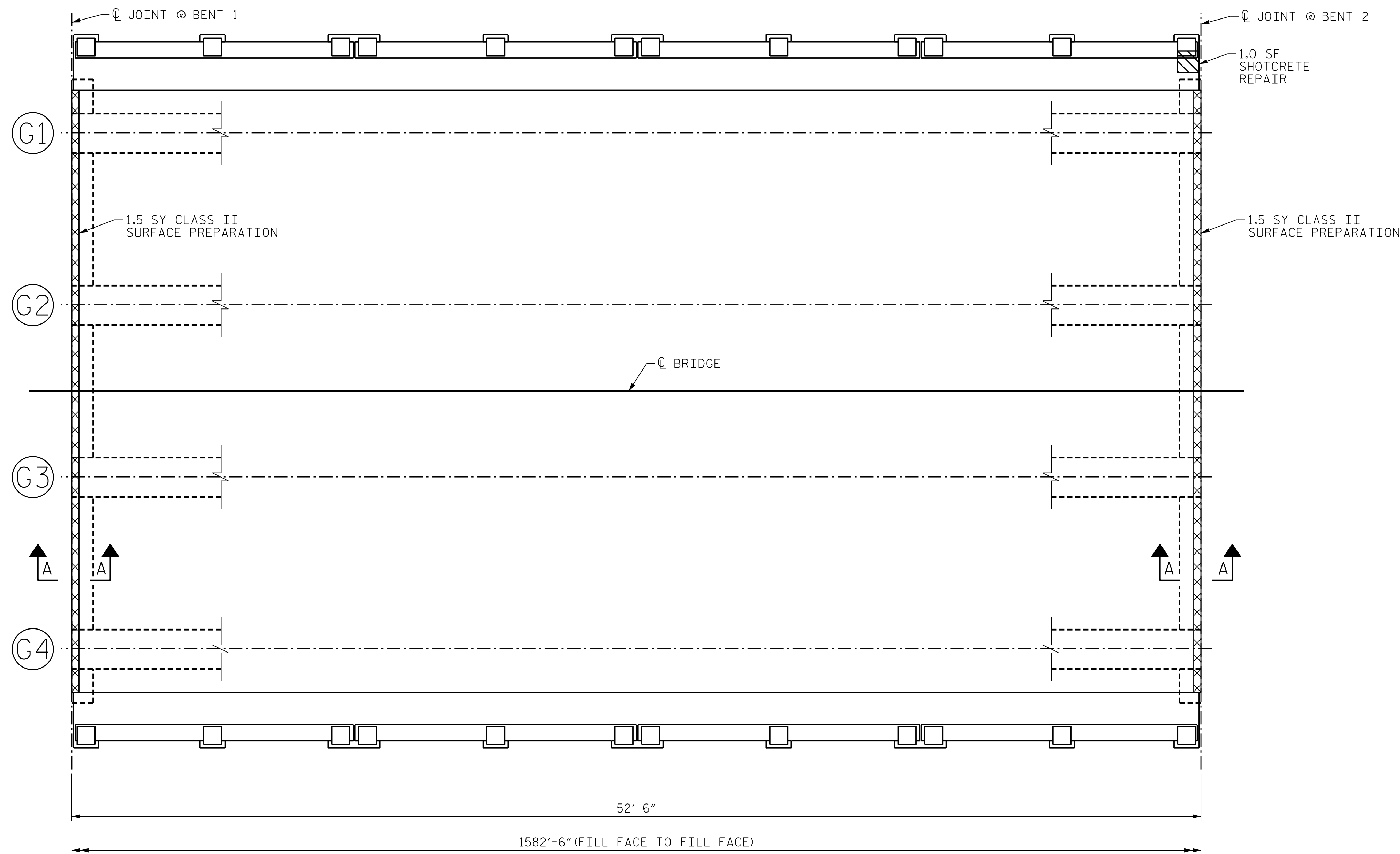
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

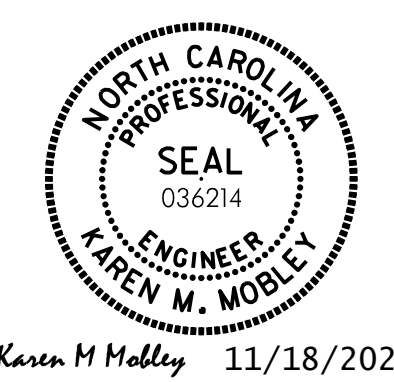
SPAN B

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	1.0	0.1		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 2 OF 27



Karen M. Mobley 11/18/2021

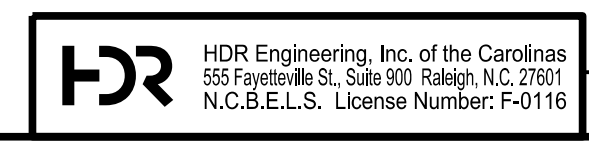
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN B**

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

SHEET NO. S2-12
 TOTAL SHEETS 97

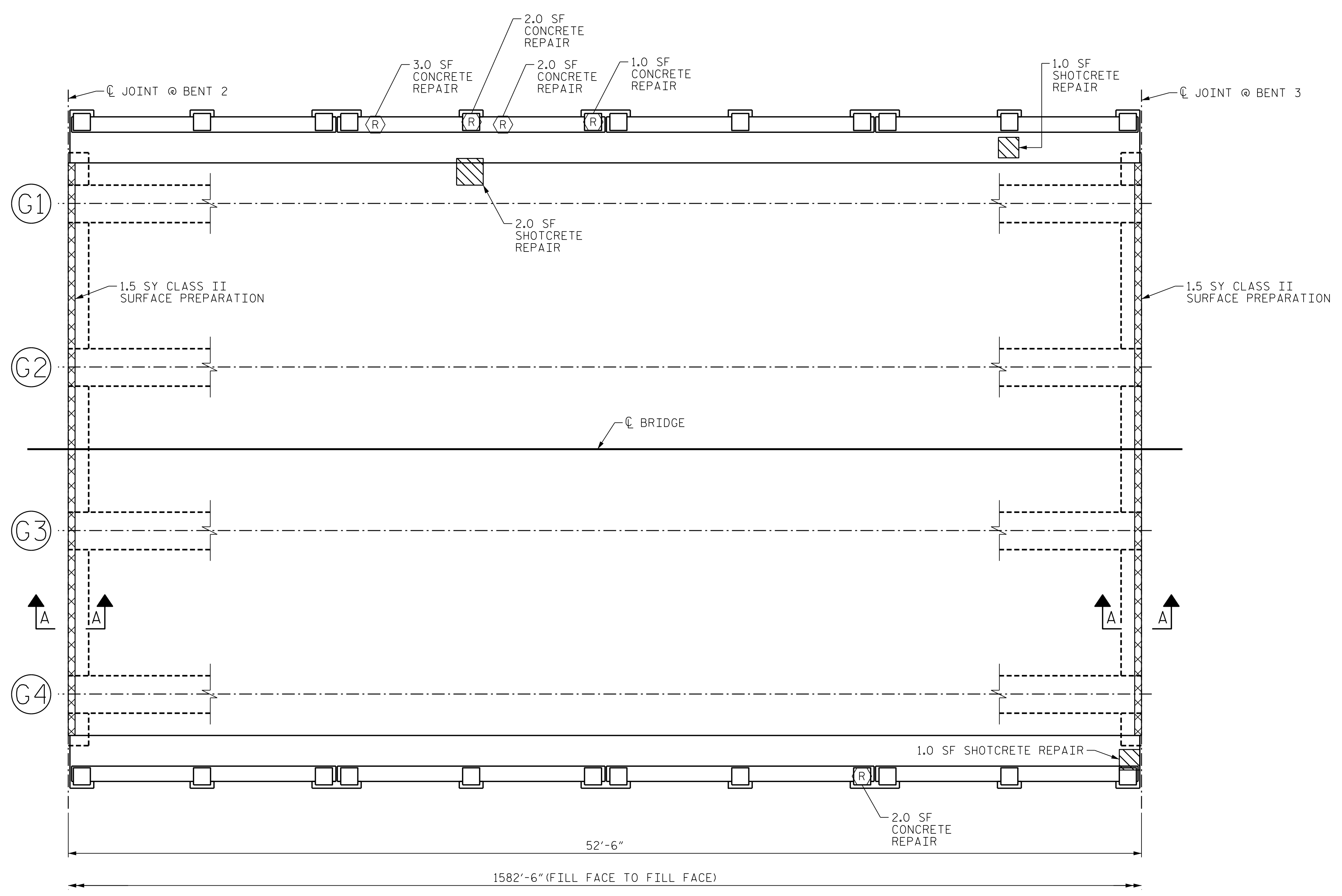
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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





PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:23:47 AM
 FILE: ... \78\Revisions\DCN\0520.01.dgn

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:24:41 AM
 FILE: ... \78\Revisions\DCN\0520.02.dgn



NOTES

REPAIR LOCATIONS AND ESTIMATED 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.
 FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.
 FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.
 FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN C

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	4.0	0.7		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	10.0	3.4		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 3 OF 27

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS
SPAN C

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

SHEET NO. S2-13
 TOTAL SHEETS 97

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

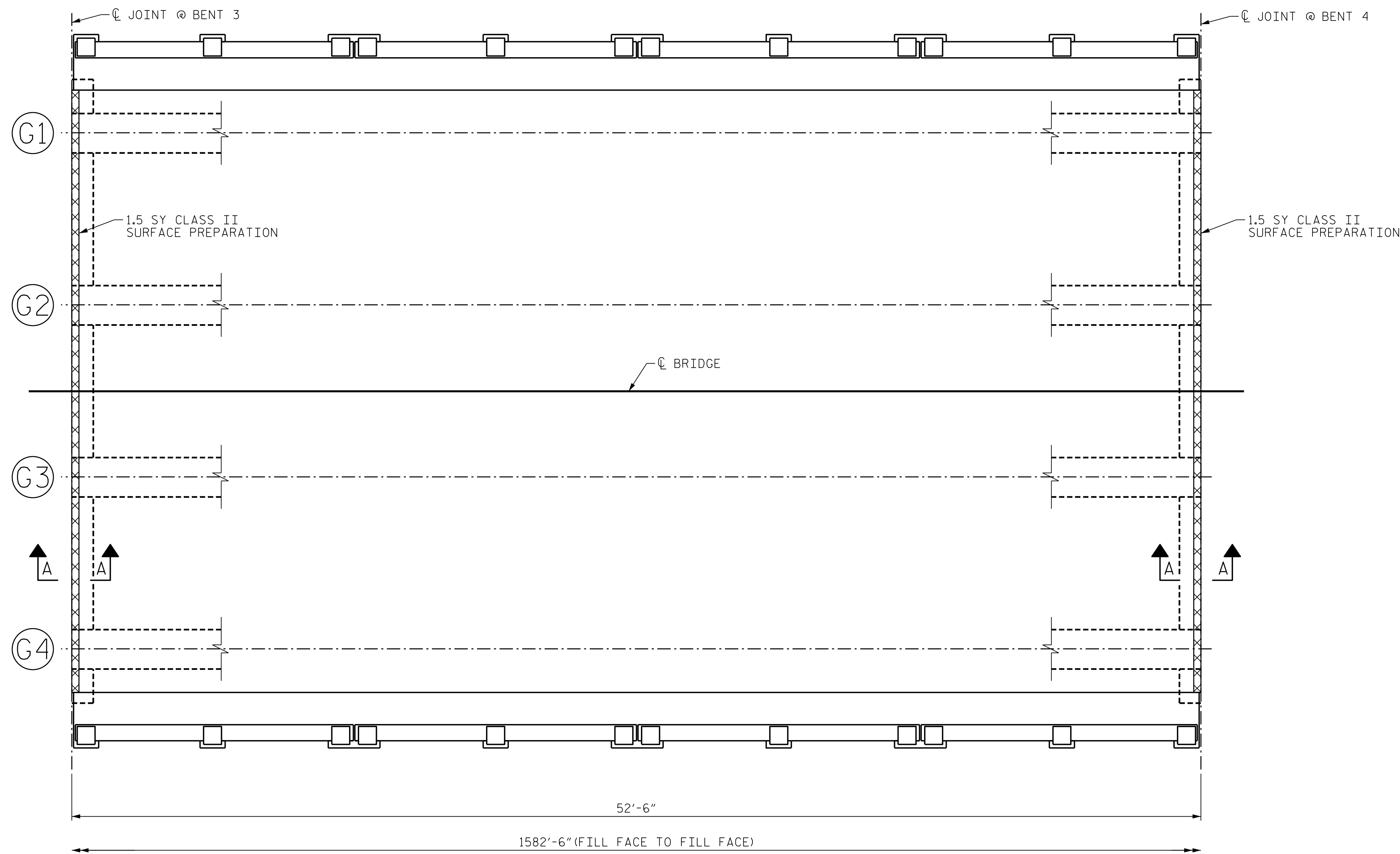
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

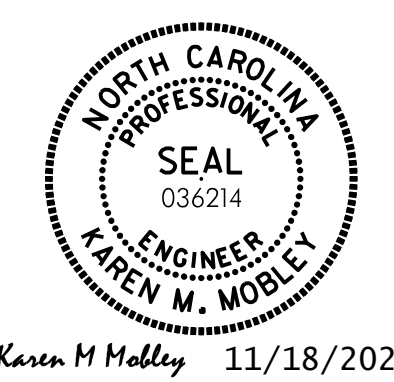
SPAN D

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 4 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN D**

REVISIONS						SHEET NO. S2-14 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:25:39 AM
 FILE: ... \78 Revisions\DCN\0520.03.dgn

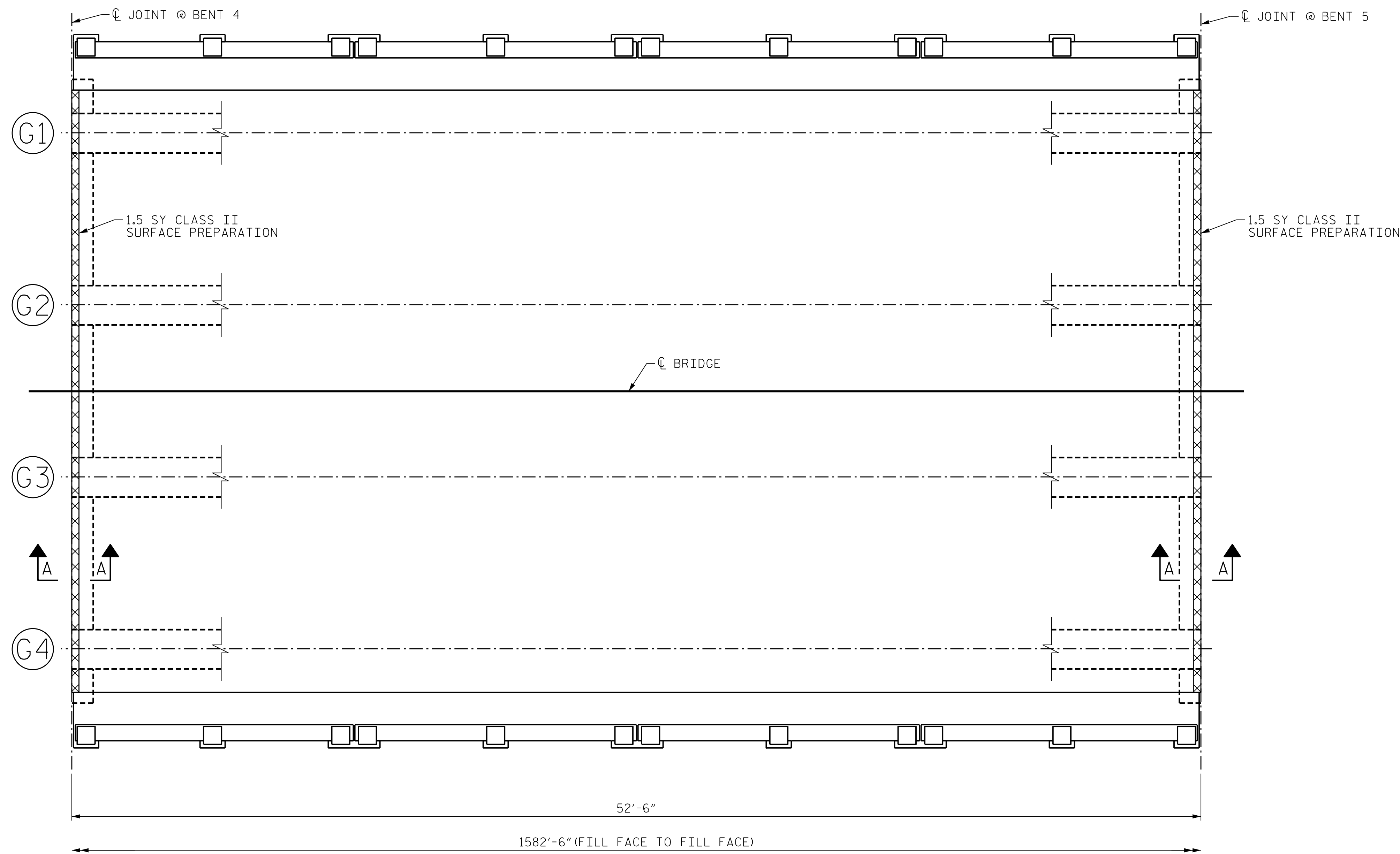
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN E

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078

SHEET 5 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS
SPAN E

REVISIONS						SHEET NO. S2-15 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: <u>D. CURTIS</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:26:14 AM
 FILE: ... \78\Revisions\DCN\0520.04.dgn

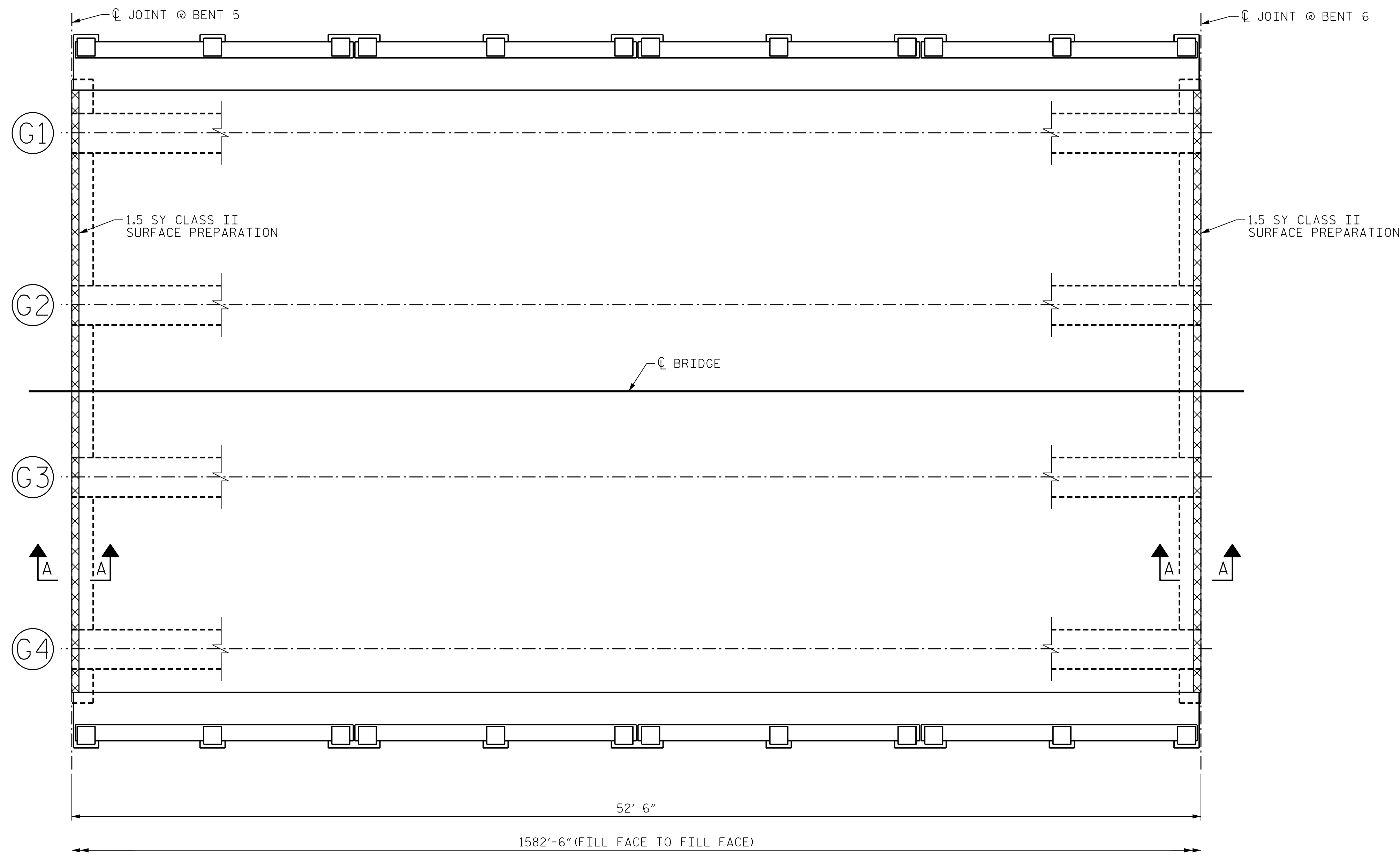
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

SPAN F

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 6 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN F**

REVISIONS						SHEET NO. S2-16 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:27:04 AM
 FILE: ... \78\Revisions\DCN\0520.05.dgn

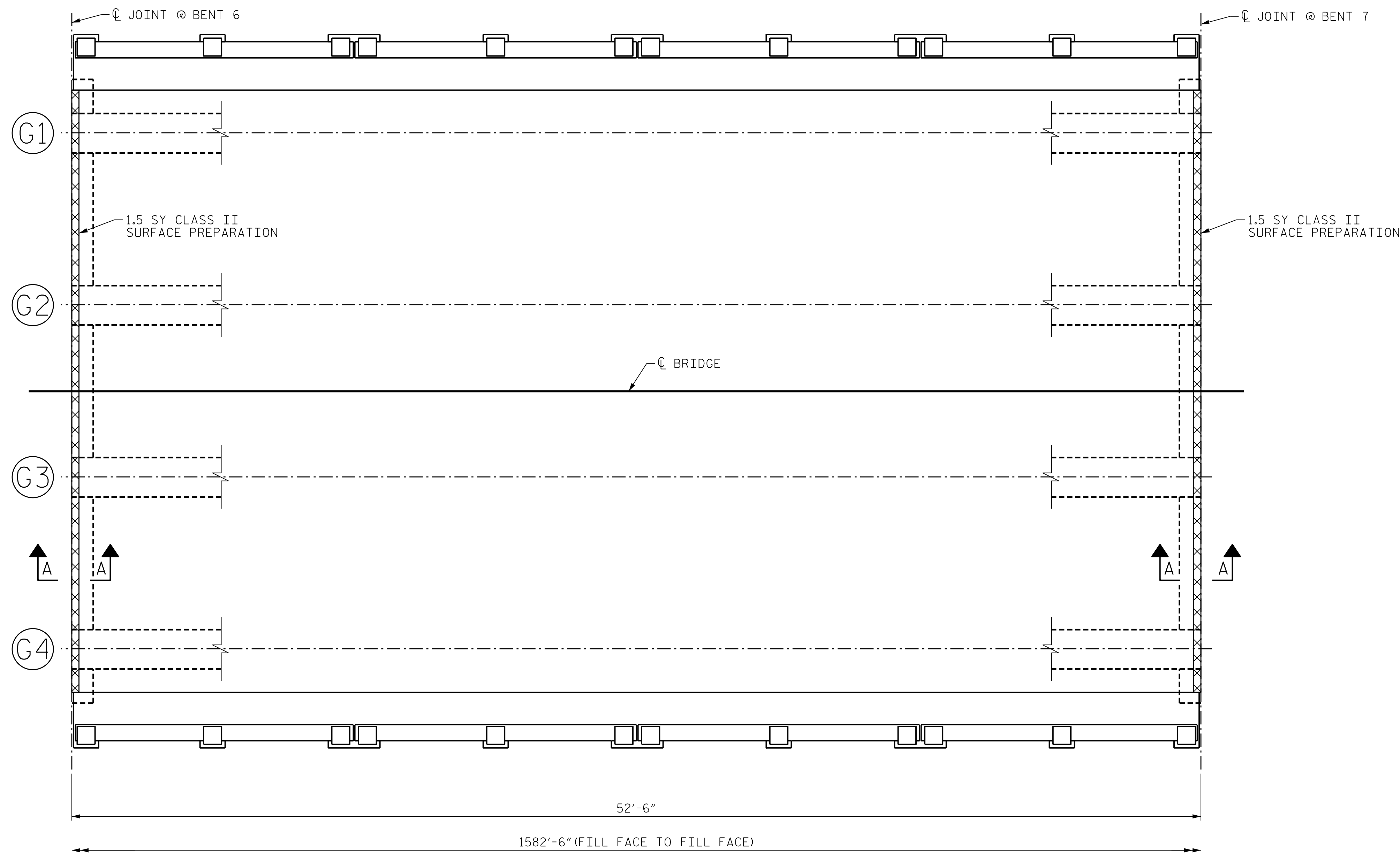
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

SPAN G

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

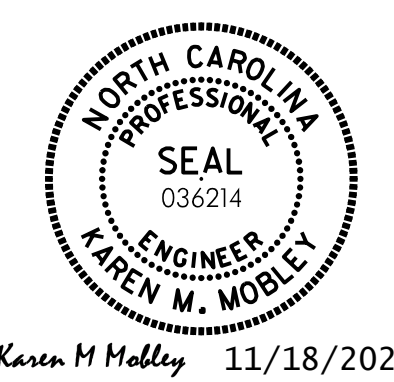
PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 7 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN G**

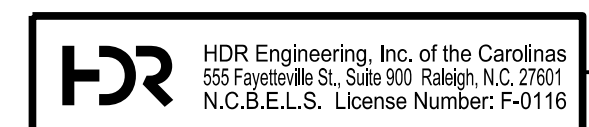
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S2-17
 TOTAL SHEETS 97



Karen M. Mobley 11/18/2021

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/18/2021 TIME: 10:28:07 AM
 FILE: ... \78\Revisions\DCN\0520.06.dgn

PLOT DRIVER: NCDOT_STRUCTURE_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURE_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:28:46 AM
 FILE: ... \78\Revisions\DCN\0520.07.dgn

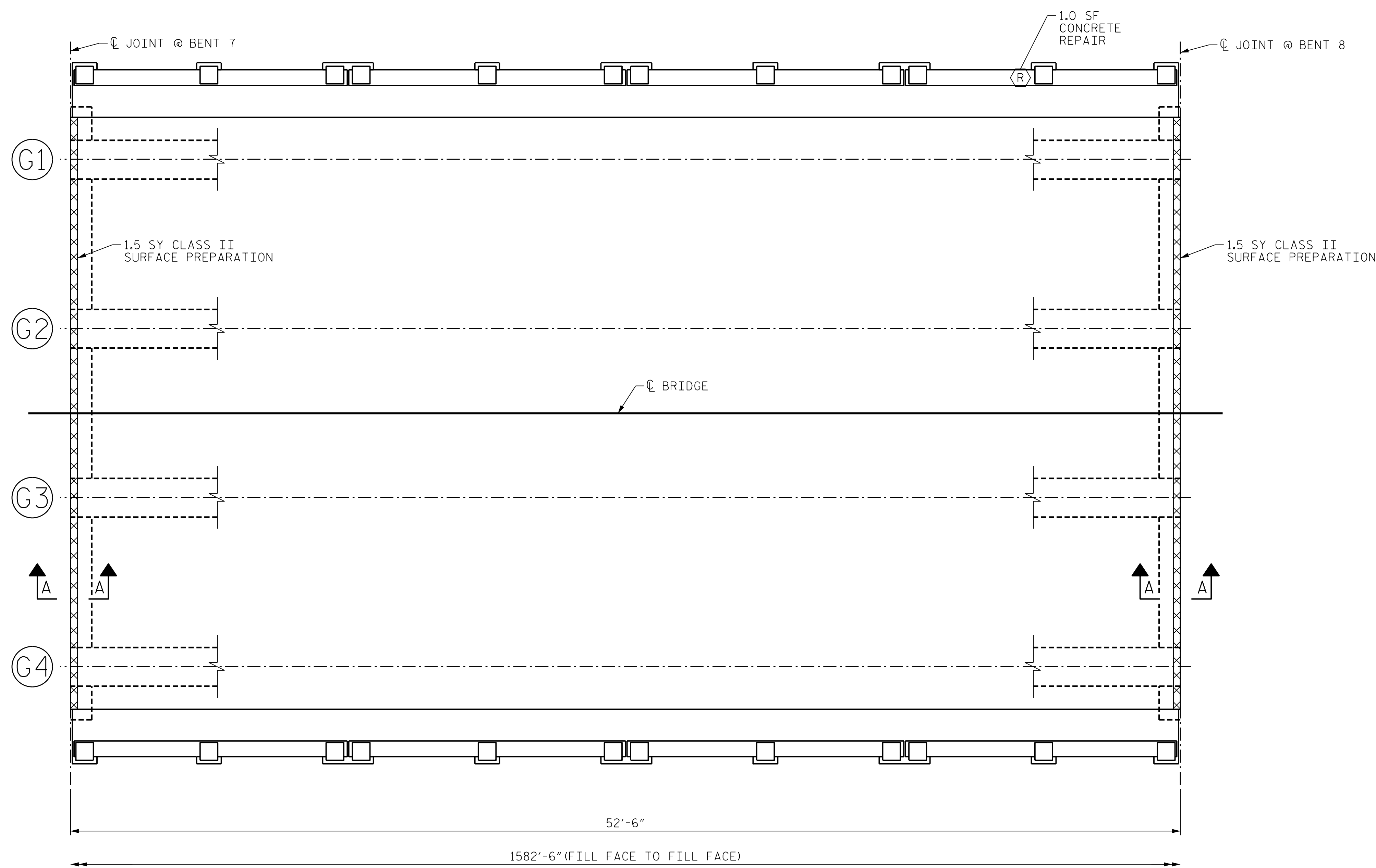
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

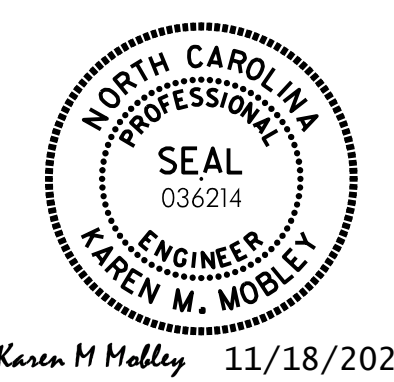
SPAN H

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS	1.0	0.3		
RAIL				

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 8 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN H**

REVISIONS						SHEET NO. S2-18 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

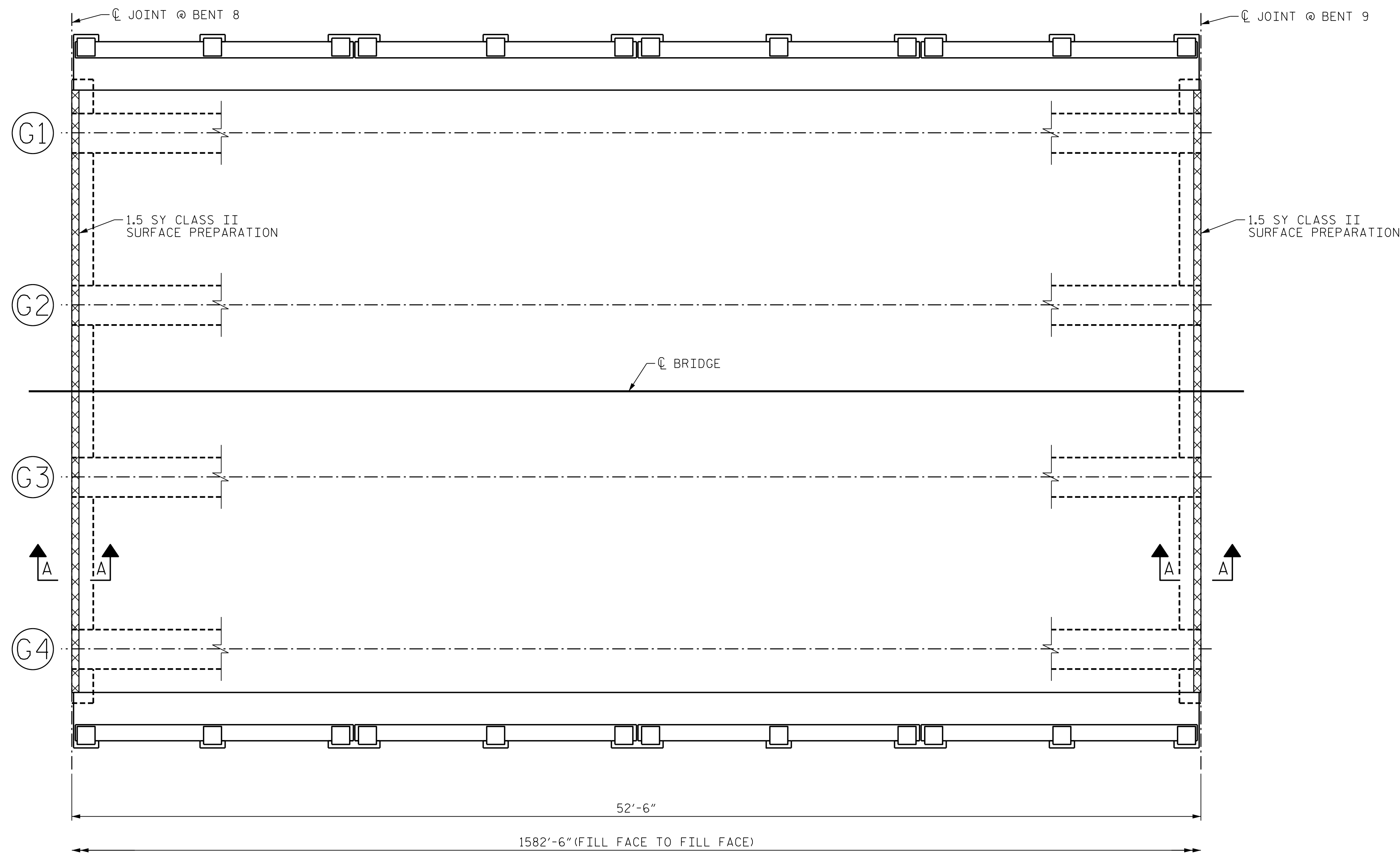
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

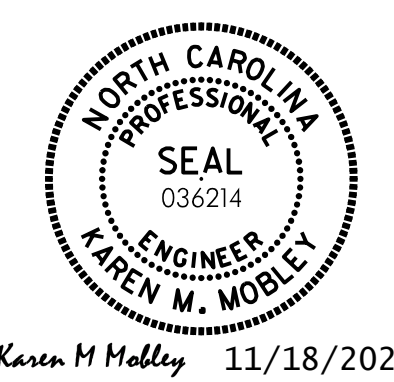
SPAN I

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 9 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN I**

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

SHEET NO. S2-19
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 10:29:26 AM
 FILE: ... \78 Revisions\DCN\0520.08.dgn

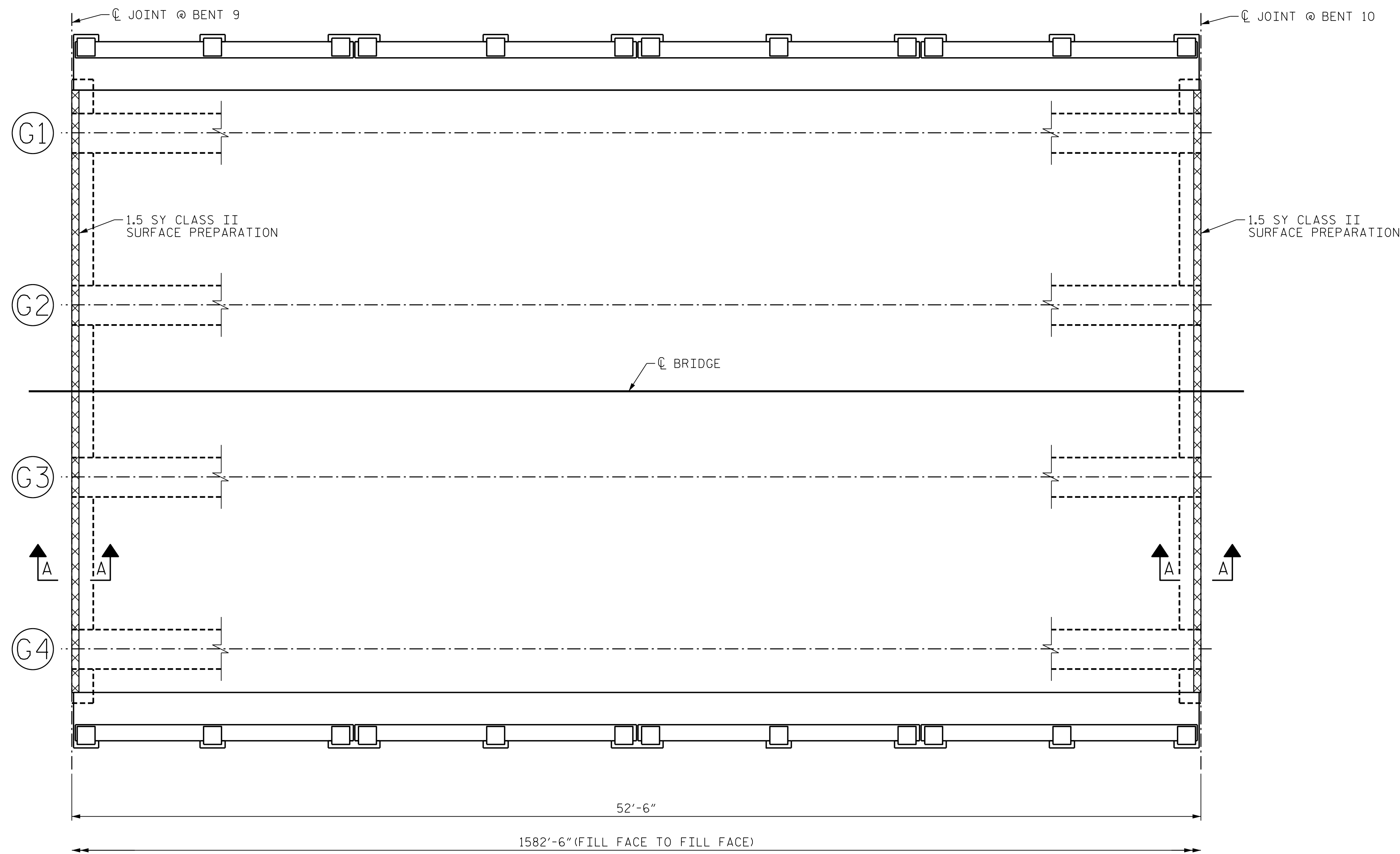
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN J

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 10 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS
SPAN J

REVISIONS						SHEET NO. S2-20 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:32:50 AM
 FILE: ... \78\Revisions\DCN\0520.09.dgn

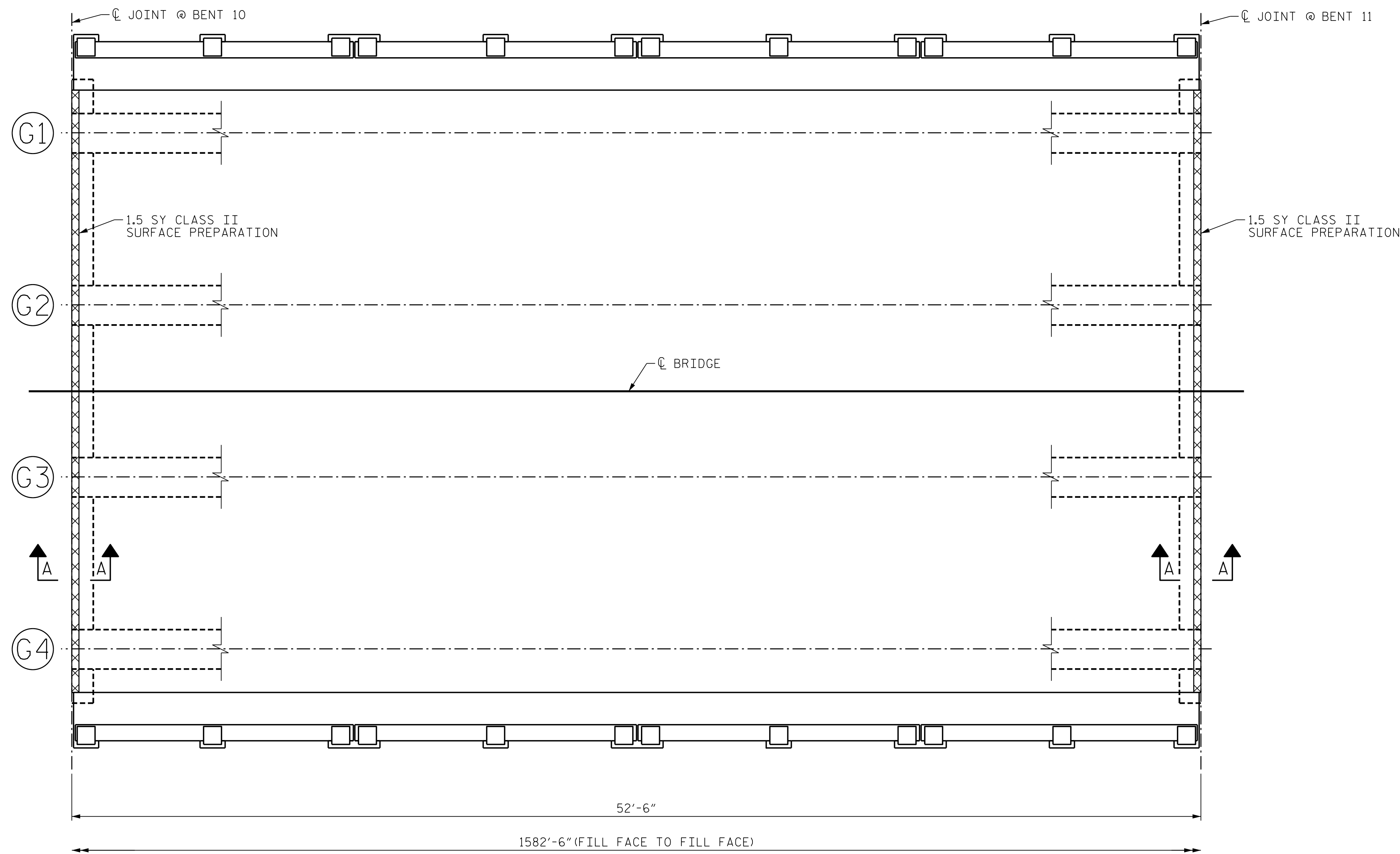
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

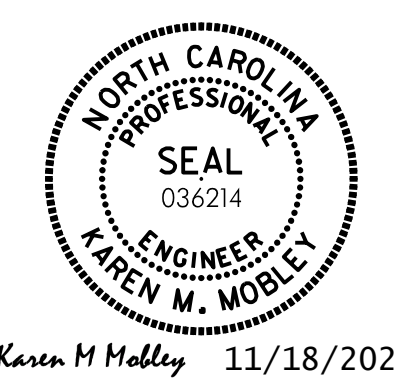
SPAN K

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 11 OF 27



Karen M. Mobley 11/18/2021

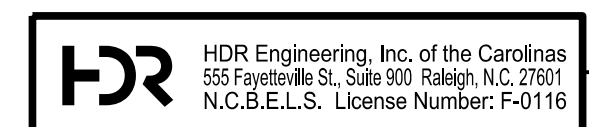
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN K**

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

SHEET NO. S2-21
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 10:33:25 AM
 FILE: ... \78\Revisions\DCN\052010.dgn

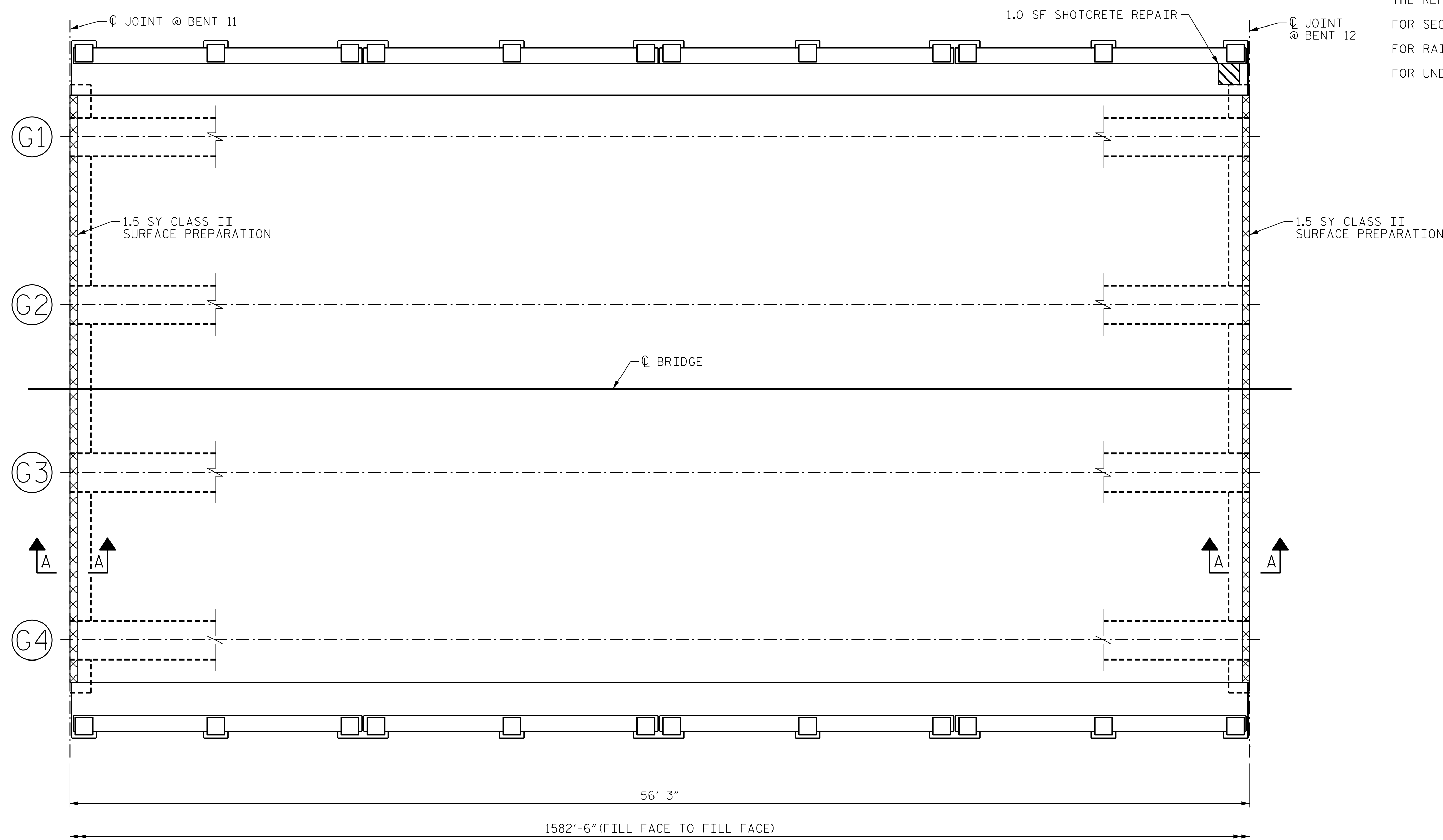
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN L

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	1.0	0.1		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	175.0 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	175.0 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	7.3 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	175.0 SQ. YDS.	
GROOVING BRIDGE FLOOR	1406.3 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 12 OF 27



Karen M. Mobley 11/18/2021

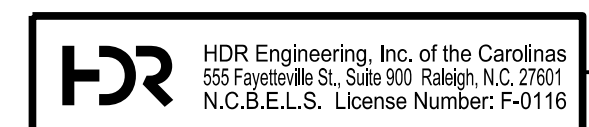
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN L**

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

SHEET NO. S2-22
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:34:32 AM
 FILE: ... \78\Revisions\DCN\0520\11.dgn

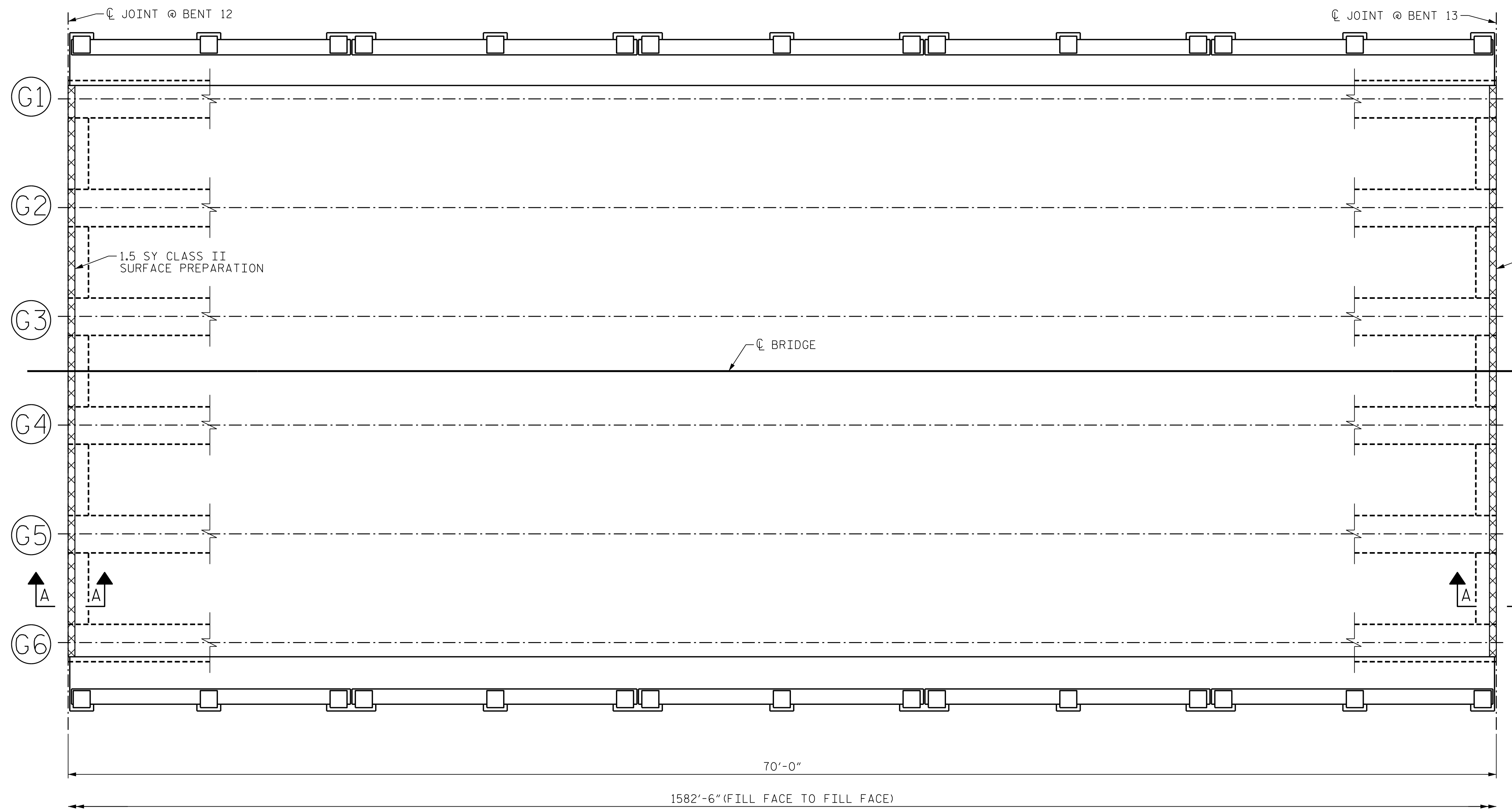
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN M

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 13 OF 27

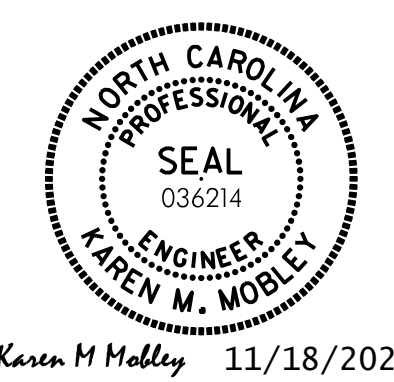
UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS
SPAN M



Karen M. Mobley 11/18/2021

DWG BY: D. CURTIS DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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

SHEET NO. S2-23
TOTAL SHEETS 97

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:35:35 AM
 FILE: ... \78\Revisions\DCN\052012.dgn

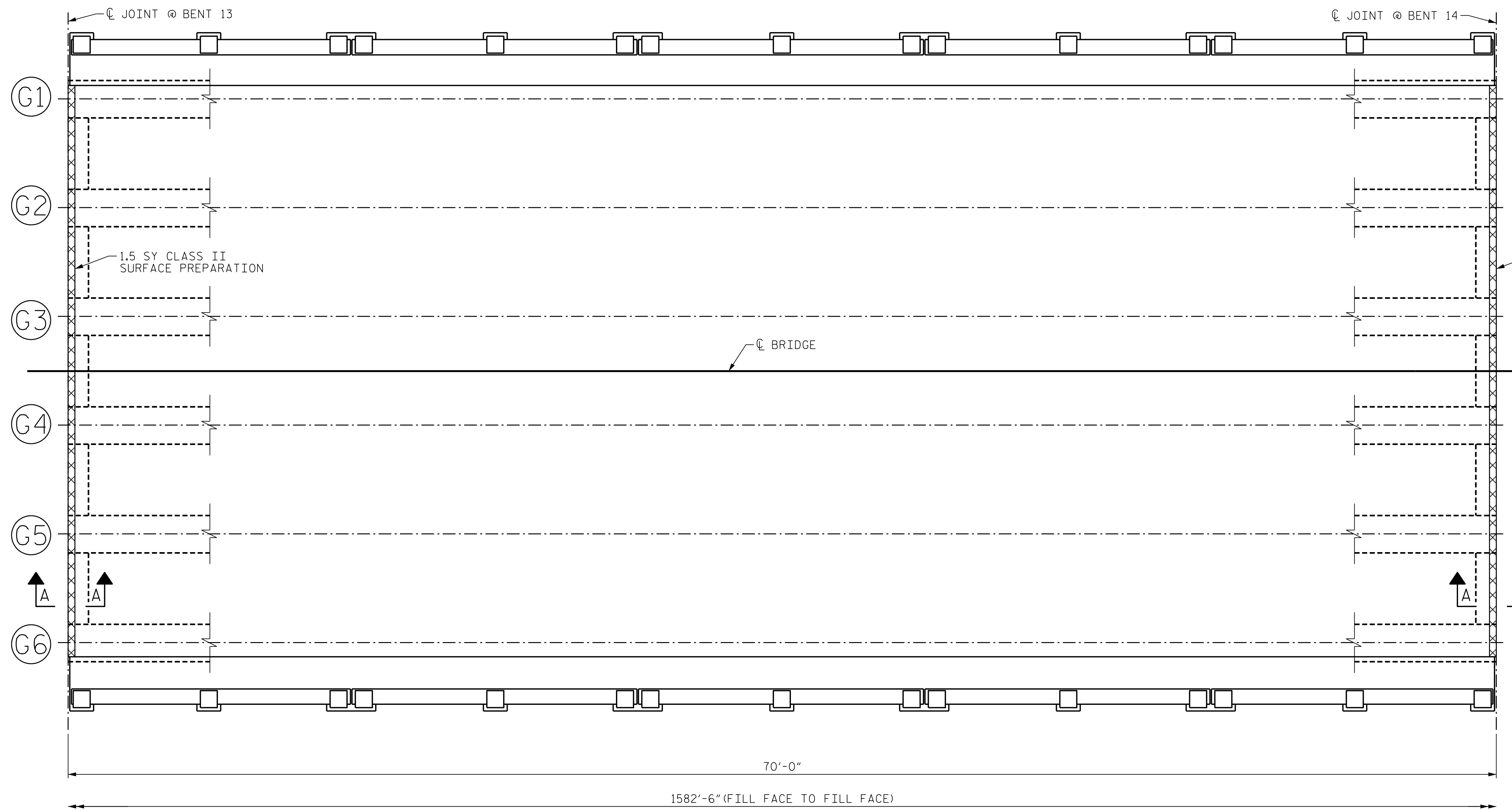
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN N

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 14 OF 27

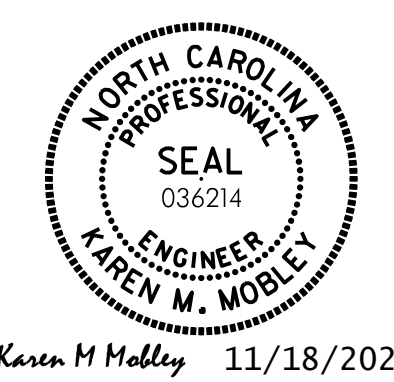
UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS
SPAN N



Karen M. Mobley 11/18/2021

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

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

SHEET NO. S2-24
TOTAL SHEETS 97

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:36:30 AM
 FILE: ... \78\Revisions\DCN\052013.dgn

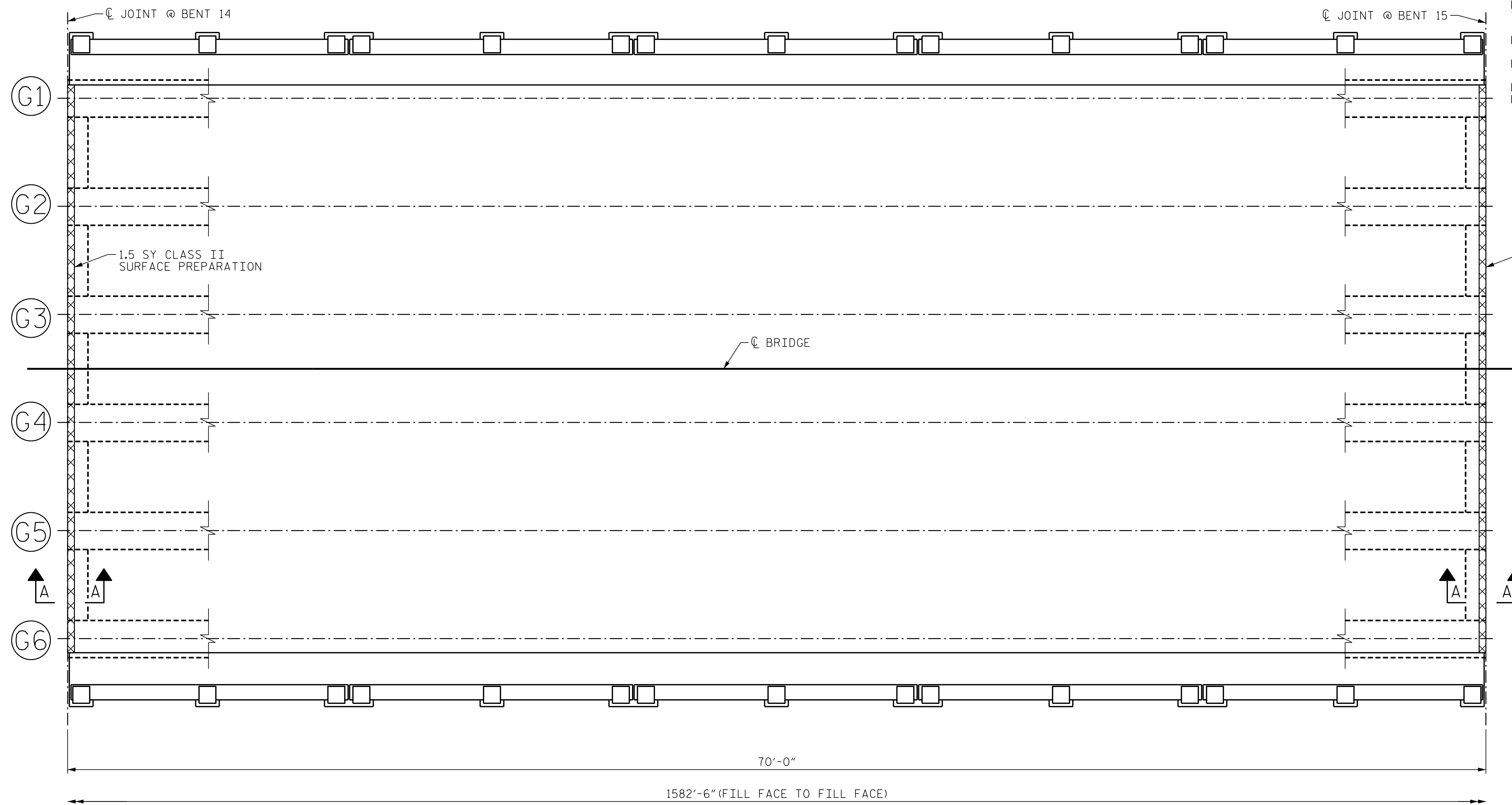
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  CLASS II SURFACE PREPARATION
-  GIRDER NUMBER
-  RAIL REPAIR AREA

SPAN 0

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 15 OF 27

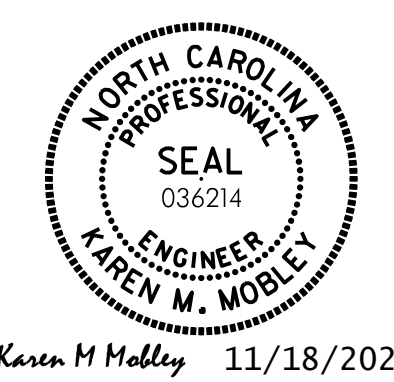
UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN 0**



Karen M. Mobley 11/18/2021

REVISIONS						SHEET NO. S2-25 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:37:41 AM
 FILE: ... \78\Revisions\DCN\052014.dgn

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 1:52:28 PM
 FILE: ... \78\Revisions\DCN\052015.dgn

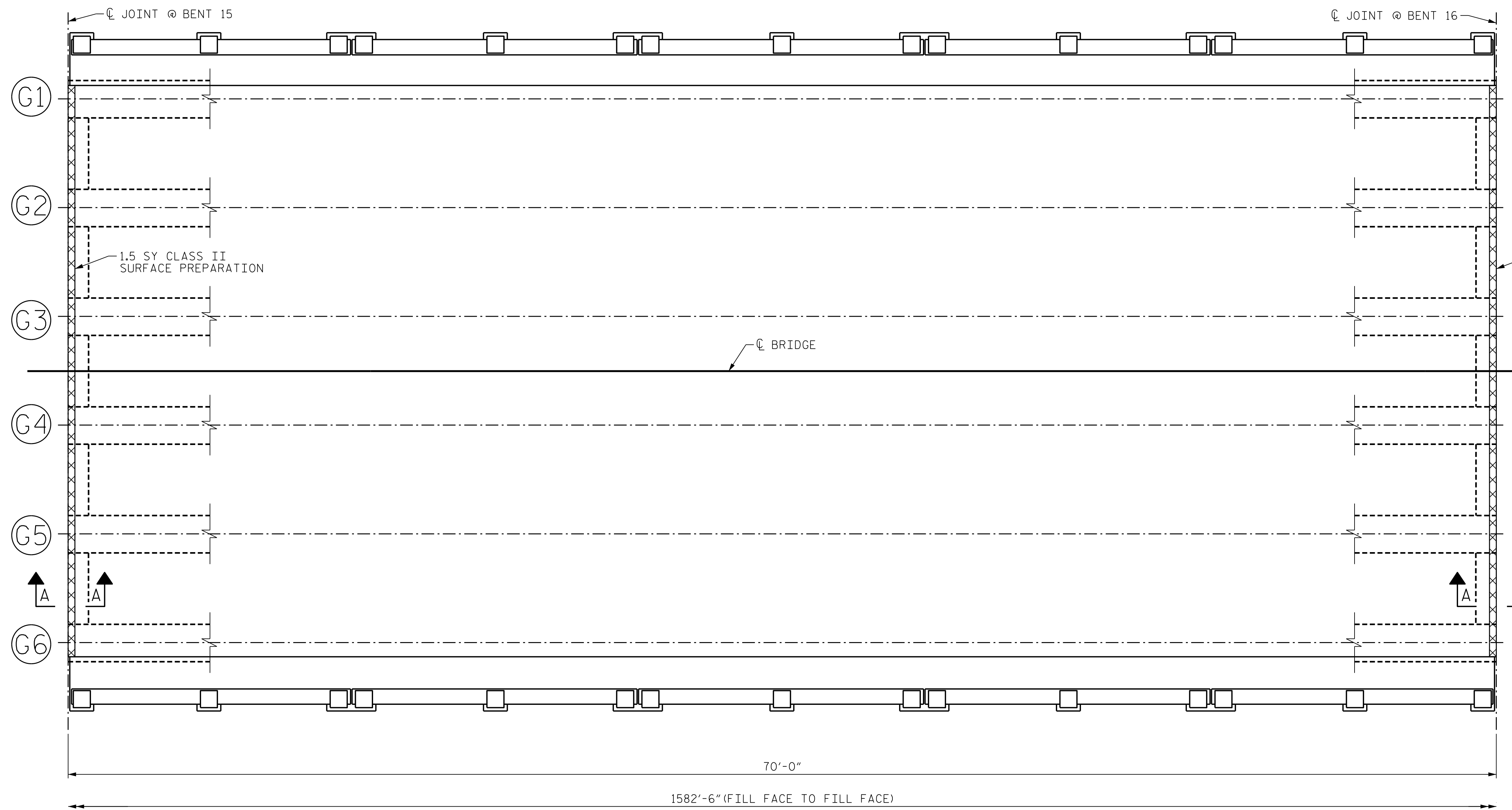
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN P

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 16 OF 27

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN P**



Karen M. Mobley 11/18/2021

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

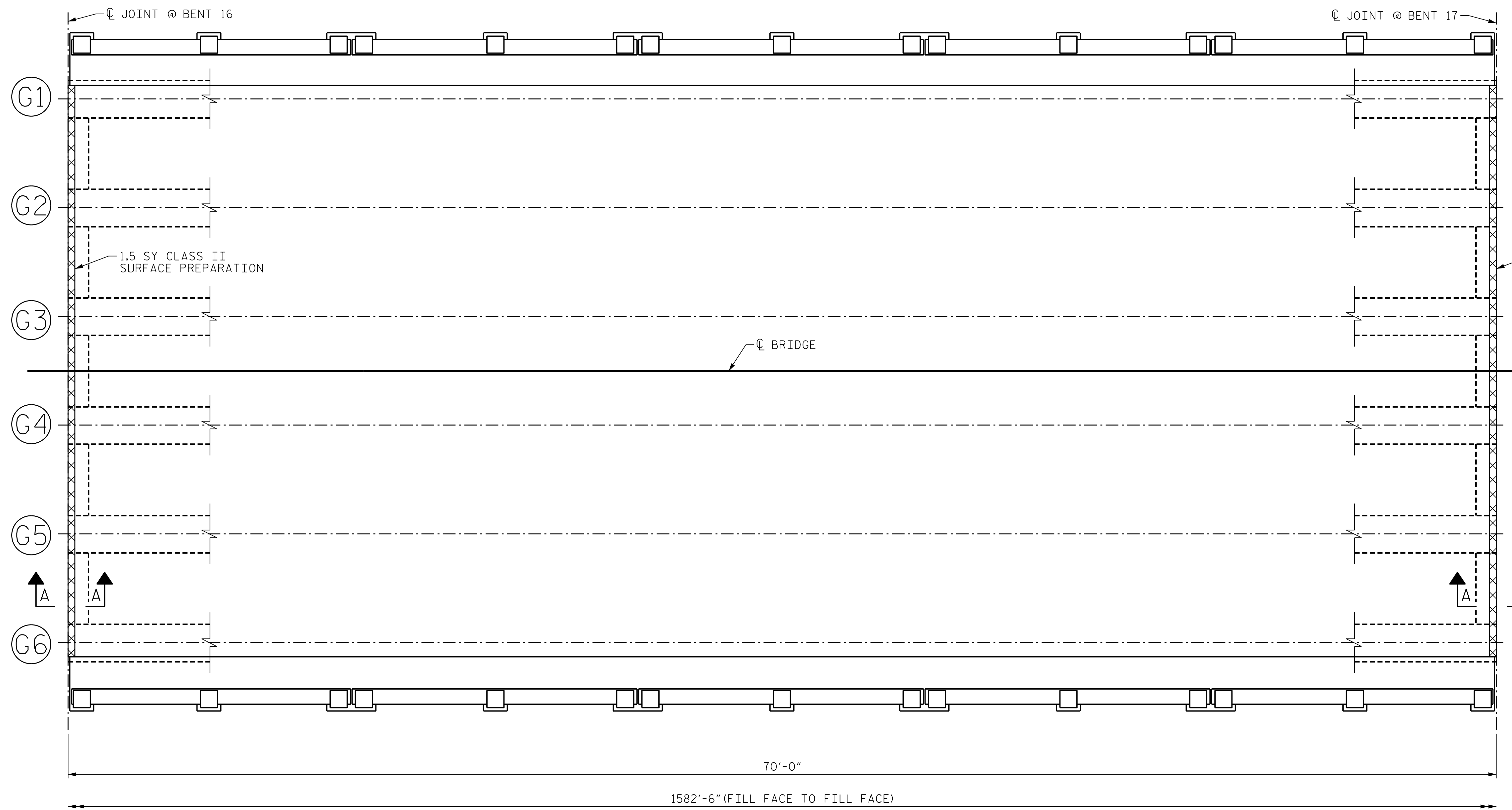
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S2-26
TOTAL SHEETS 97

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.
 FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.
 FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN Q

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 17 OF 27

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN Q**



DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

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

SHEET NO. S2-27
 TOTAL SHEETS 97

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:42:04 AM
 FILE: ... \78\Revisions\DCN\052016.dgn

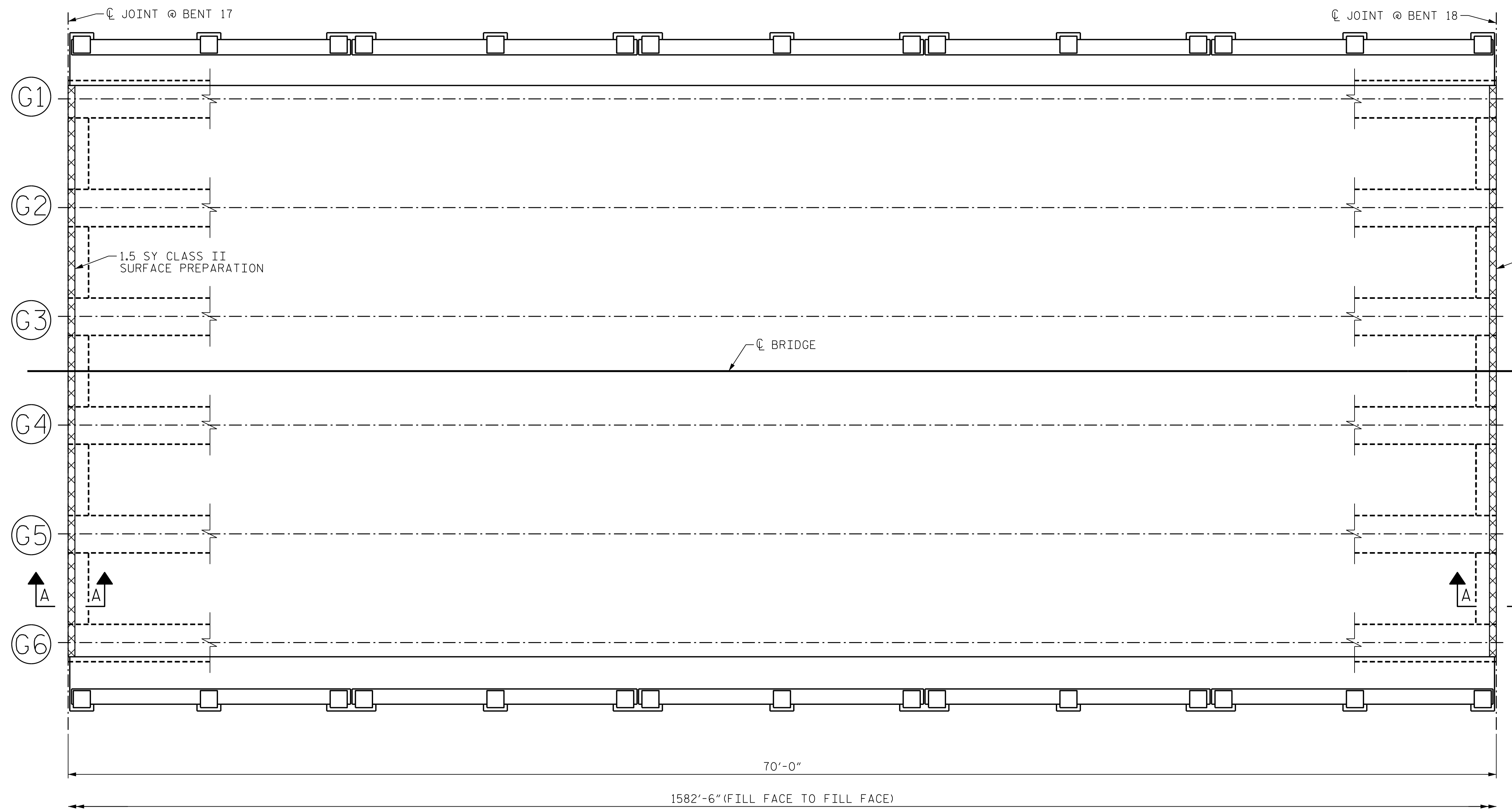
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN R

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 18 OF 27

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN R**



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

SHEET NO. S2-28
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/18/2021 TIME: 12:28:03 PM
 FILE: ... \78\Revisions\DCN\052017.dgn

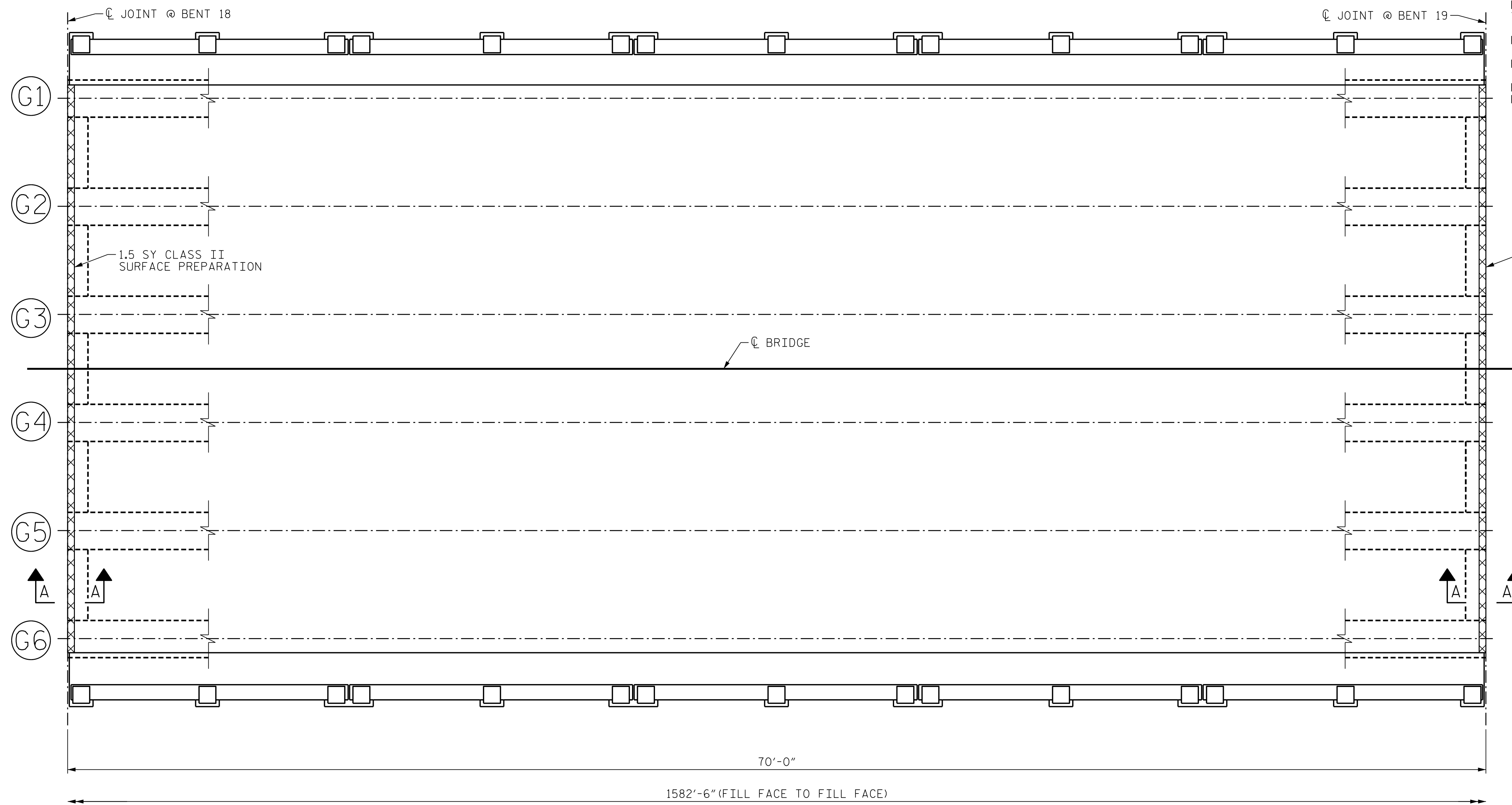
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN S

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 19 OF 27

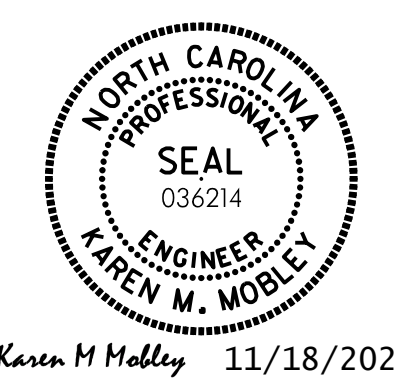
UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN S**



Karen M. Mobley 11/18/2021

DWG BY: D. CURTIS DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

REVISIONS						SHEET NO. S2-29 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:45:59 AM
 FILE: ... \78\Revisions\DCN\052018.dgn

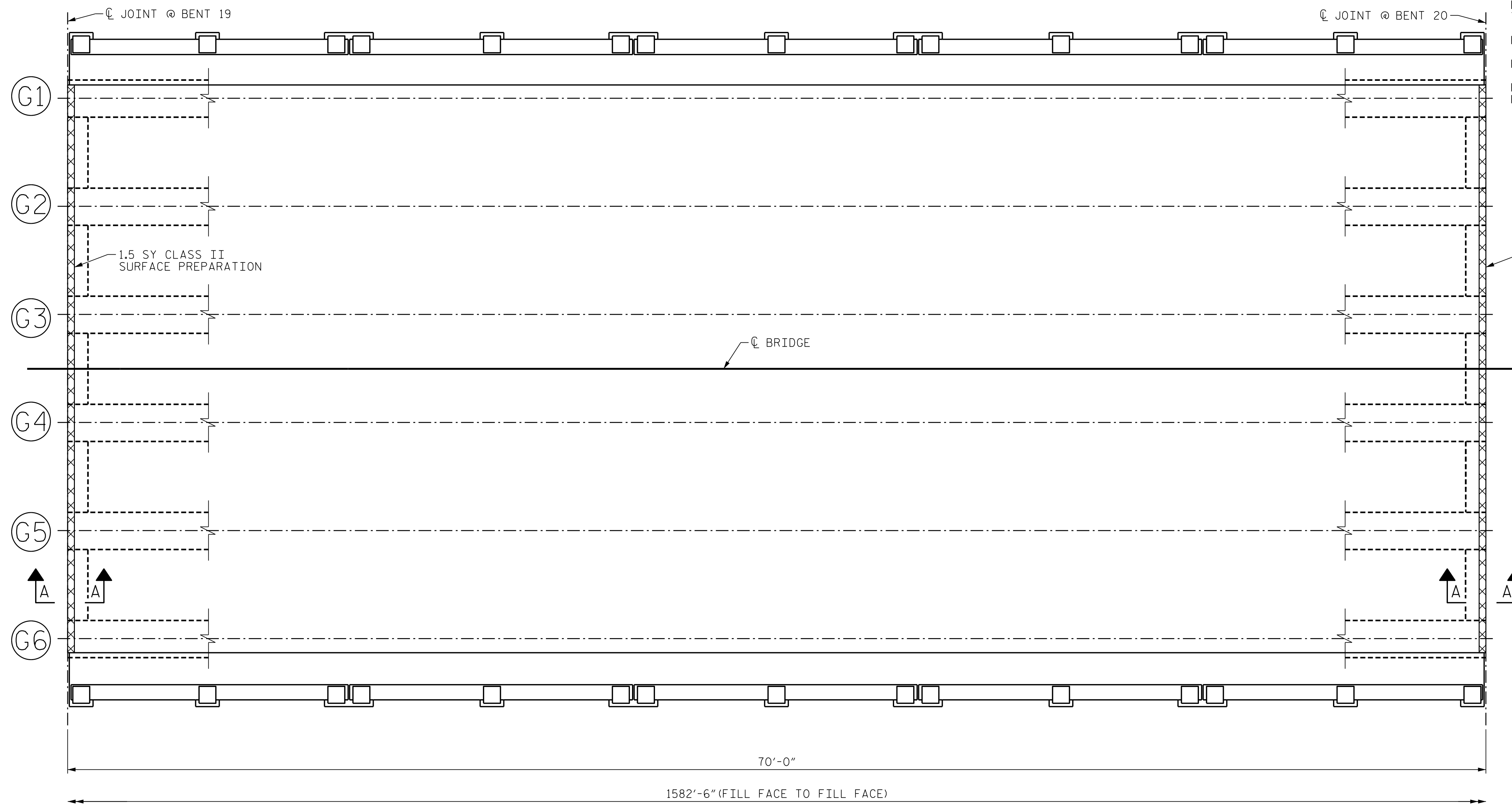
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN T

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 20 OF 27

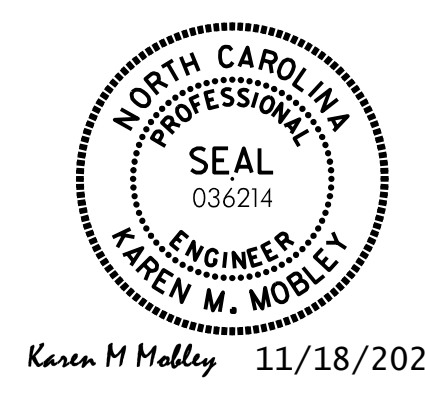
UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN T**



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

SHEET NO. S2-30
TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:48:16 AM
FILE: ... \78\Revisions\DCN\052019.dgn

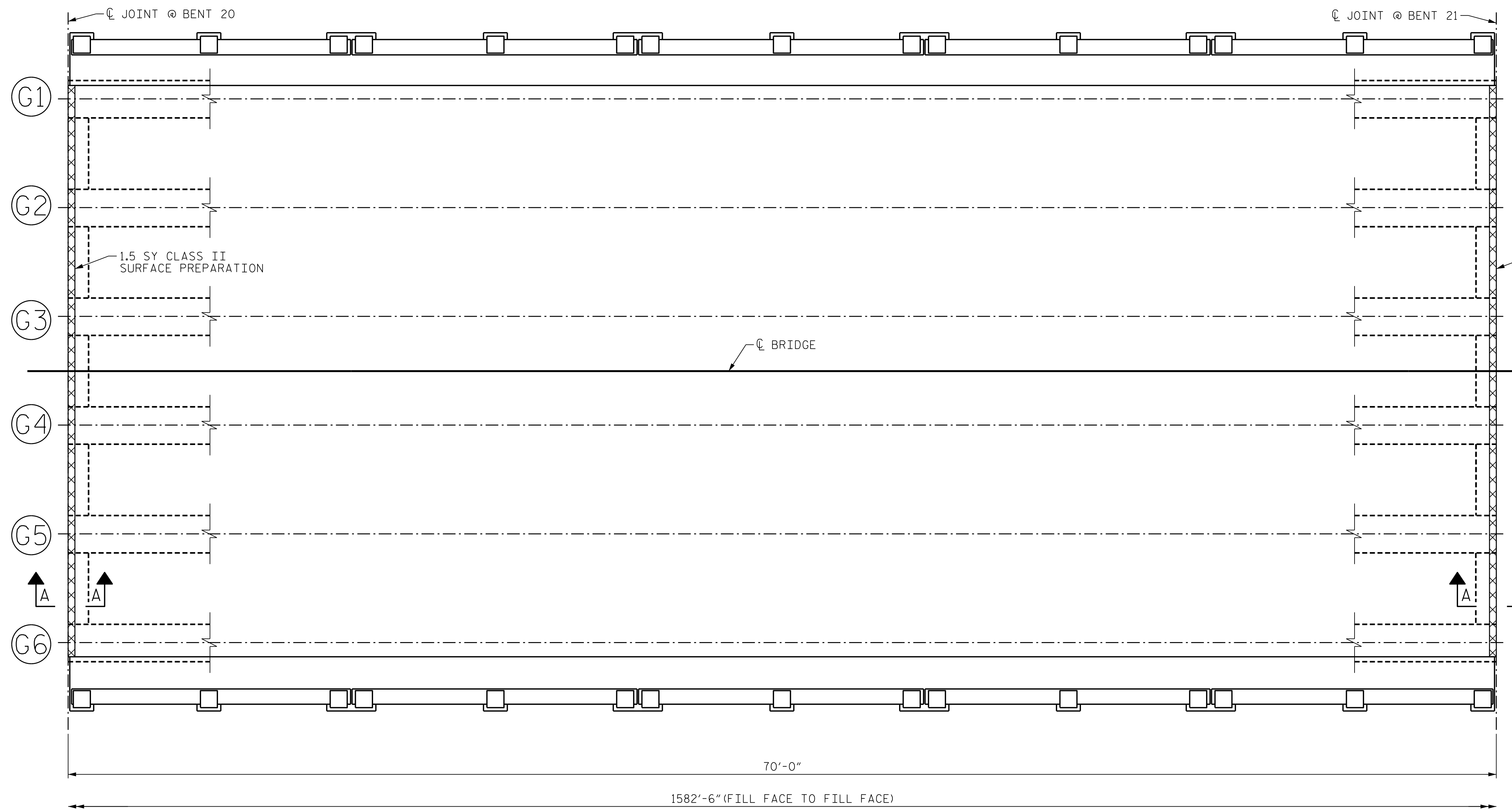
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN U

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	217.7 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	217.7 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	9.0 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	217.7 SQ. YDS.	
GROOVING BRIDGE FLOOR	1750.0 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 21 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN U**

REVISIONS						SHEET NO. S2-31 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: <u>D. CURTIS</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:52:03 AM
 FILE: ... \78\Revisions\DCN\0520.20.dgn

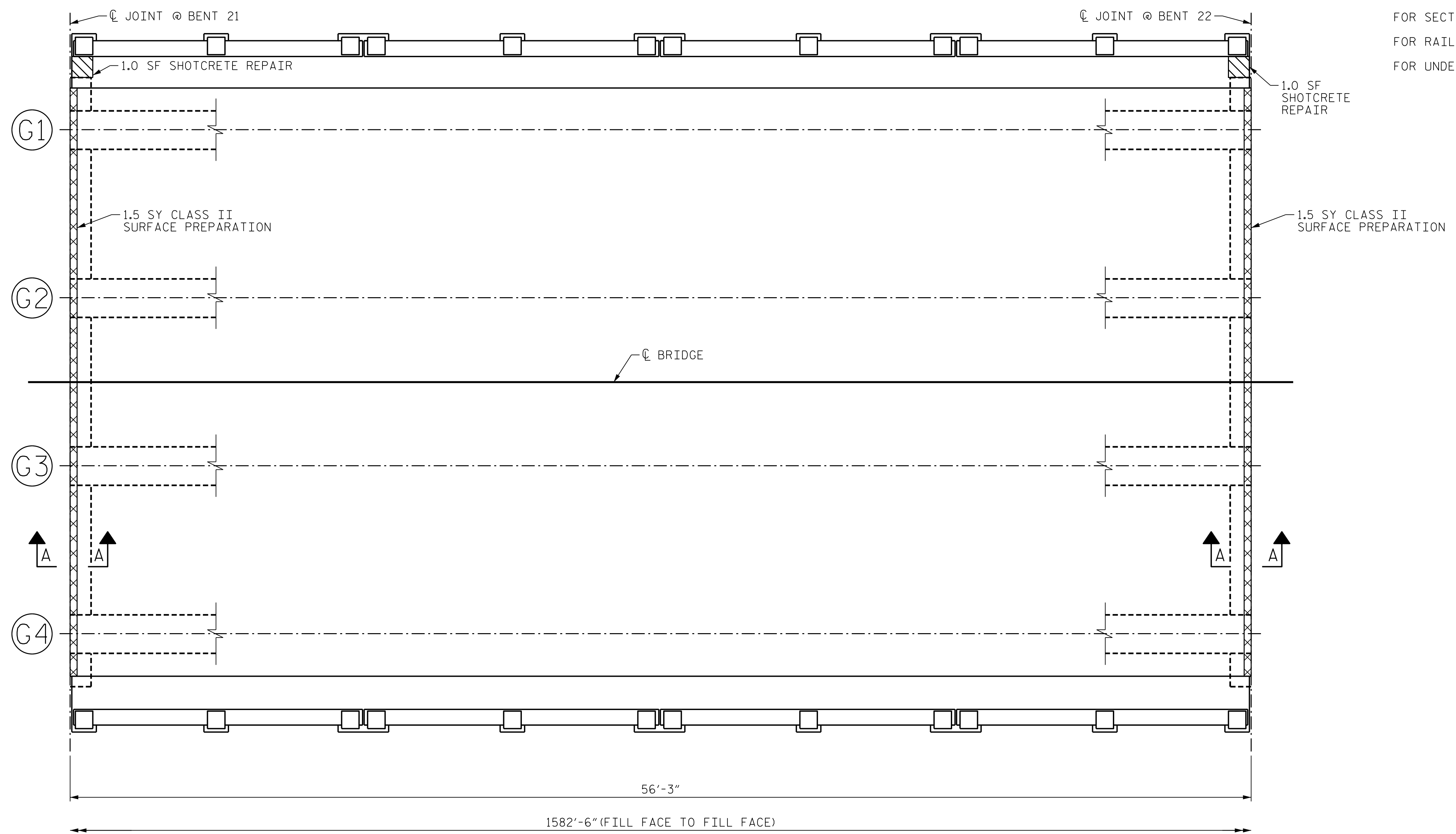
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- CLASS II SURFACE PREPARATION
- GIRDER NUMBER
- RAIL REPAIR AREA

SPAN V

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	2.0	0.2		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	175.0 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	175.0 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	7.3 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	175.0 SQ. YDS.	
GROOVING BRIDGE FLOOR	1406.3 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	0.0	0.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 22 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN V**

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

SHEET NO. S2-32
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 10:56:03 AM
 FILE: ... \78\Revisions\DCN\052021.dgn

PLOT DRIVER: NCDOT_STRUCTURE DEFUALT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURE DEFUALT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:00:11 AM
 FILE: ... \78\Revisions\DCN\052022.dgn

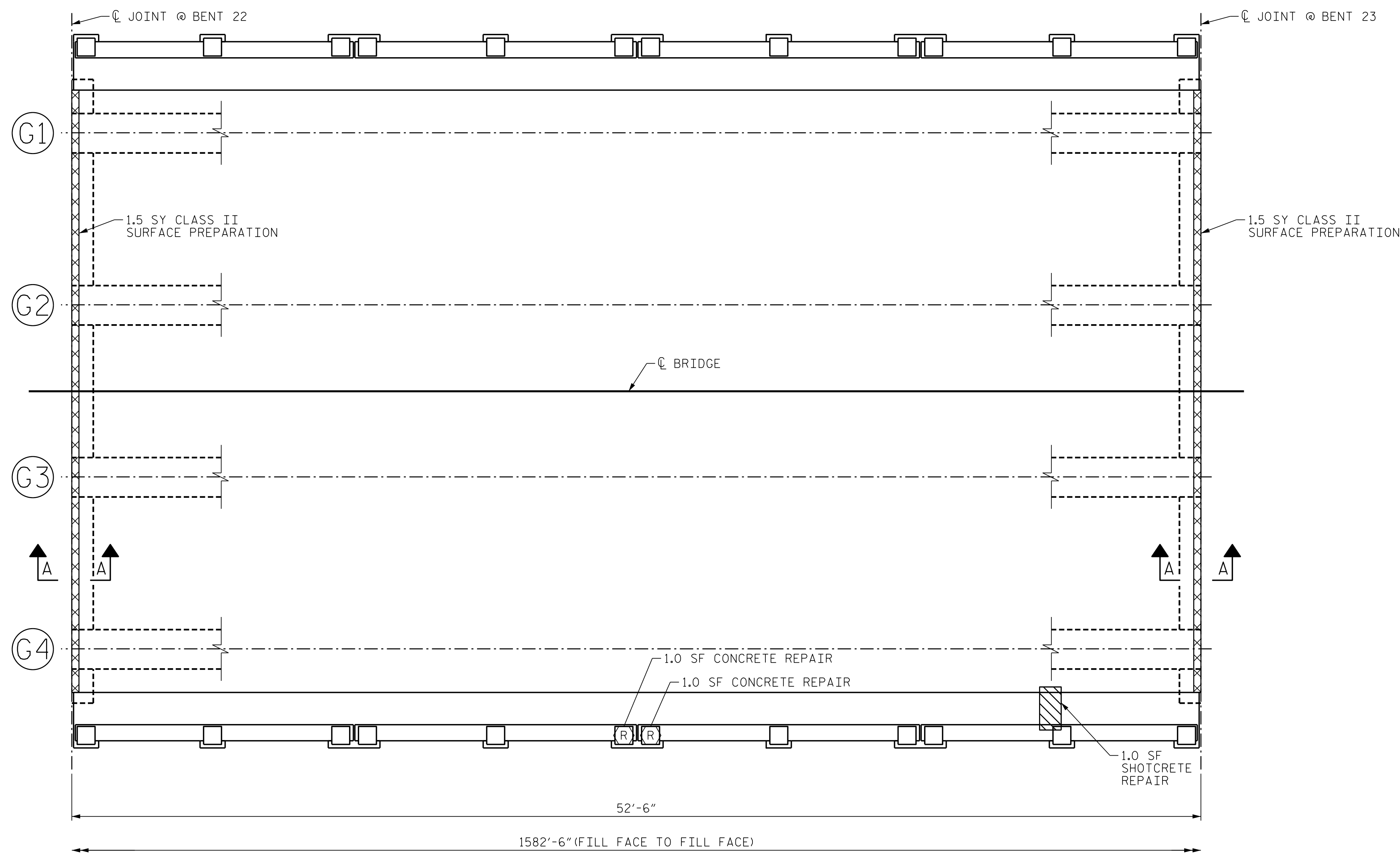
NOTES





REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



 SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

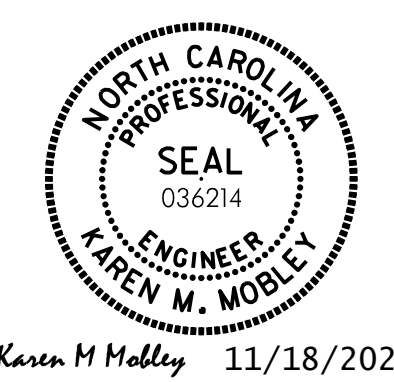
SPAN W

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	1.0	0.3		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
RAIL	2.0	0.2		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 23 OF 27




Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN W**

REVISIONS						SHEET NO. S2-33 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

 HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURE_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURE_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:01:01 AM
 FILE: ... \78\Revisions\DCN\052023.dgn

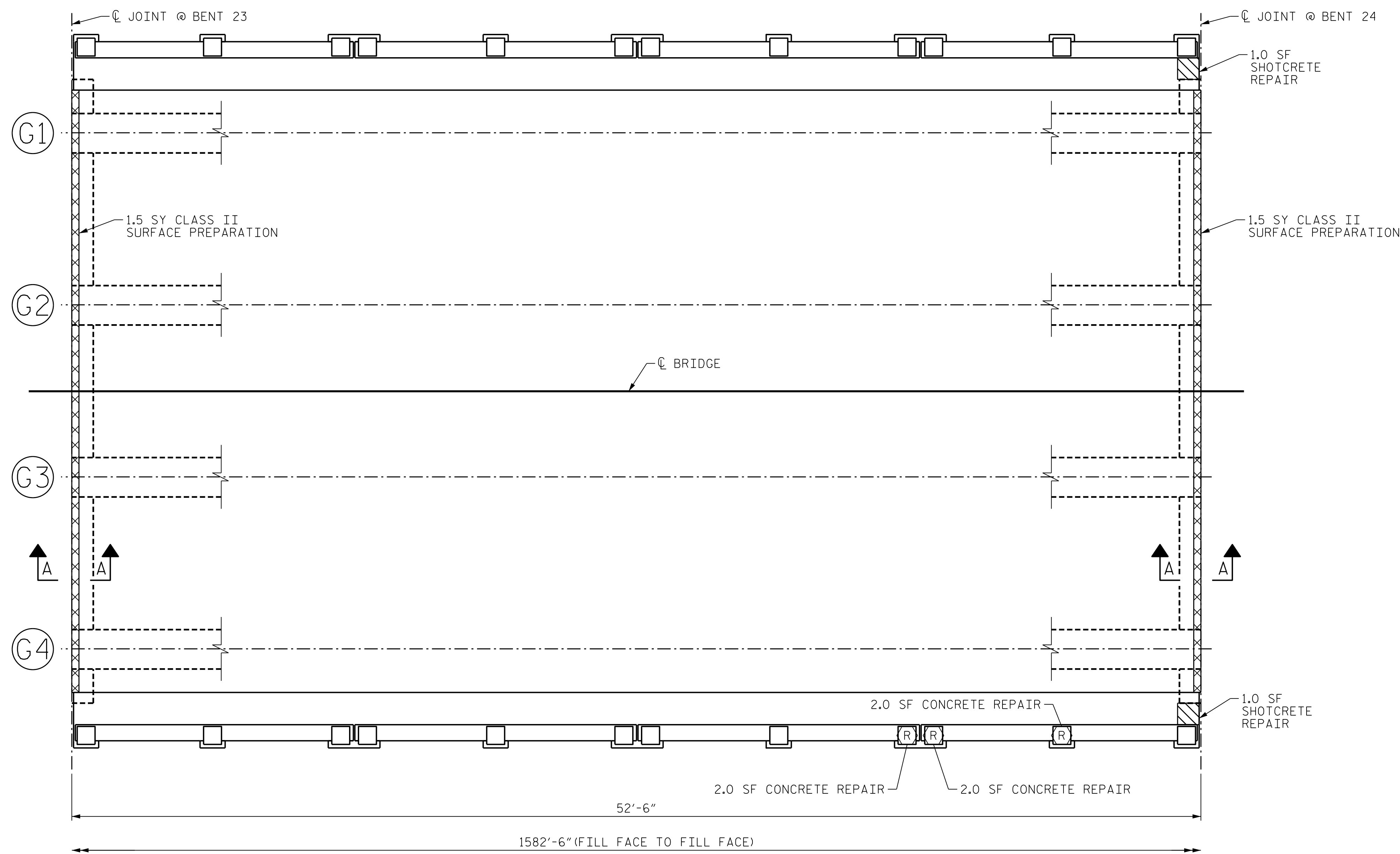
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

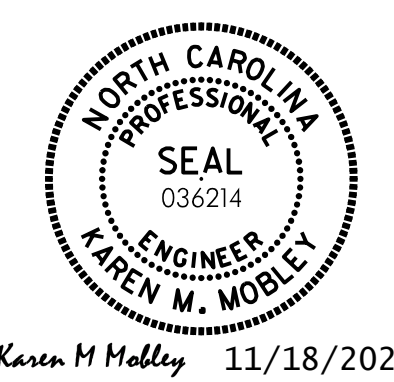
SPAN X

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	2.0	0.2		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS	6.0	0.3		
RAIL				

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 24 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**PLAN OF SPANS
SPAN X**

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

SHEET NO. S2-34
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

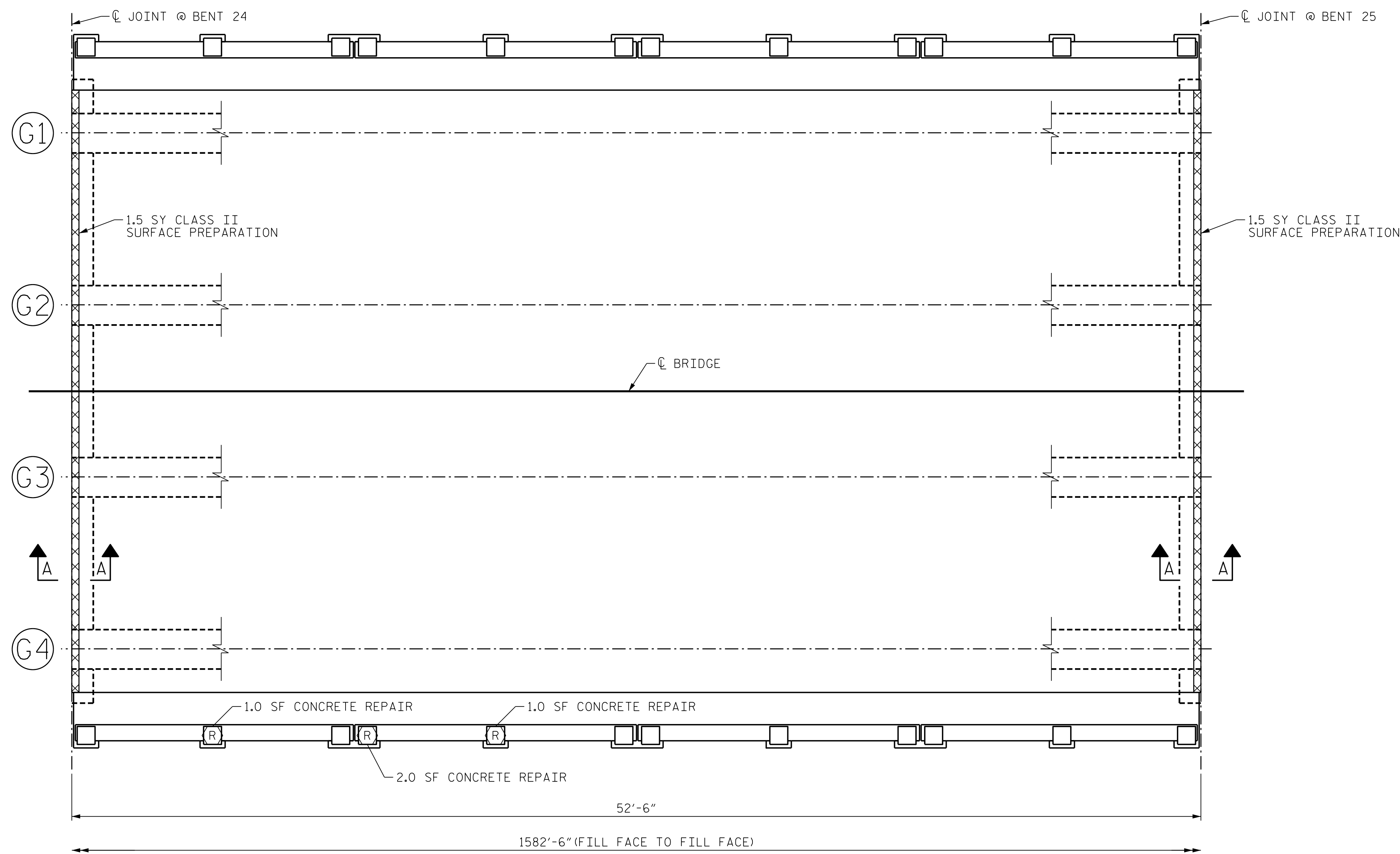
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

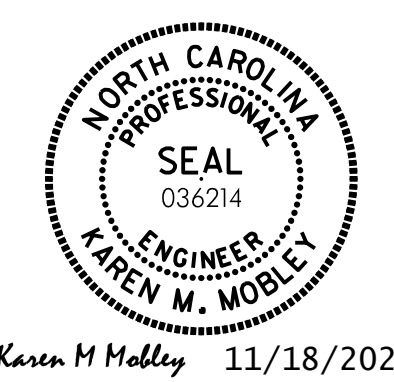
SPAN Y

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS	4.0	0.3		
RAIL				

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 25 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN Y**

REVISIONS						SHEET NO. S2-35 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:02:34 AM
 FILE: ... \78\Revisions\DCN\052024.dgn

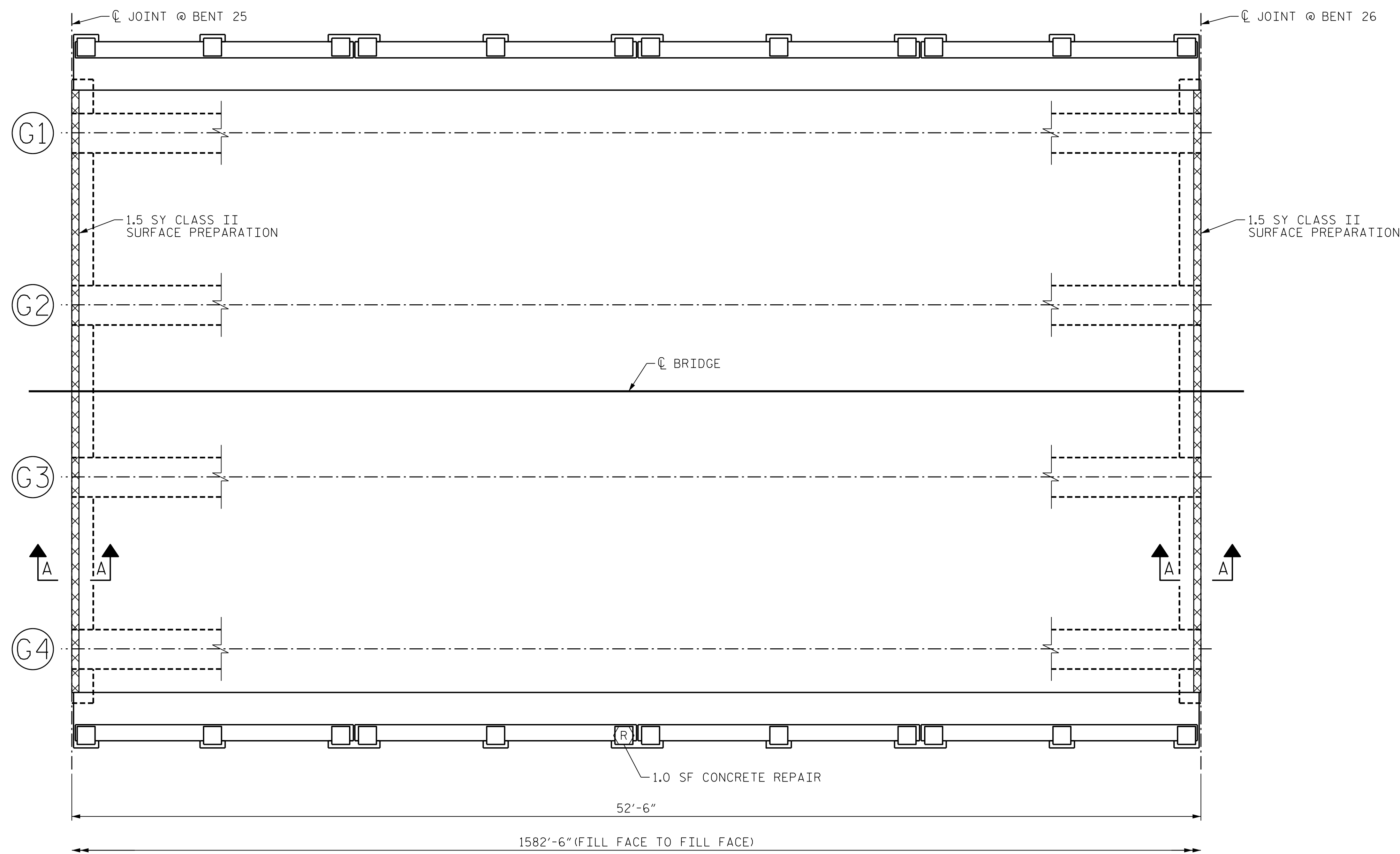
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

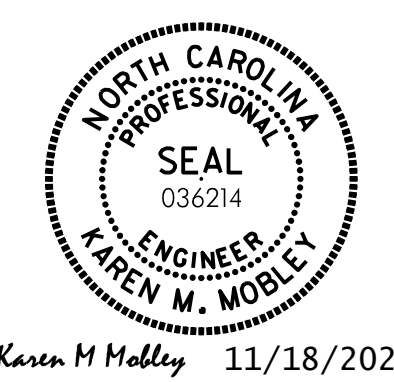
SPAN Z

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	3.0 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	3.0 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	33.2 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS	1.0	0.1		
RAIL				

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 26 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN Z**

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

SHEET NO. S2-36
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:03:54 AM
 FILE: ... \78\Revisions\DCN\0520.25.dgn

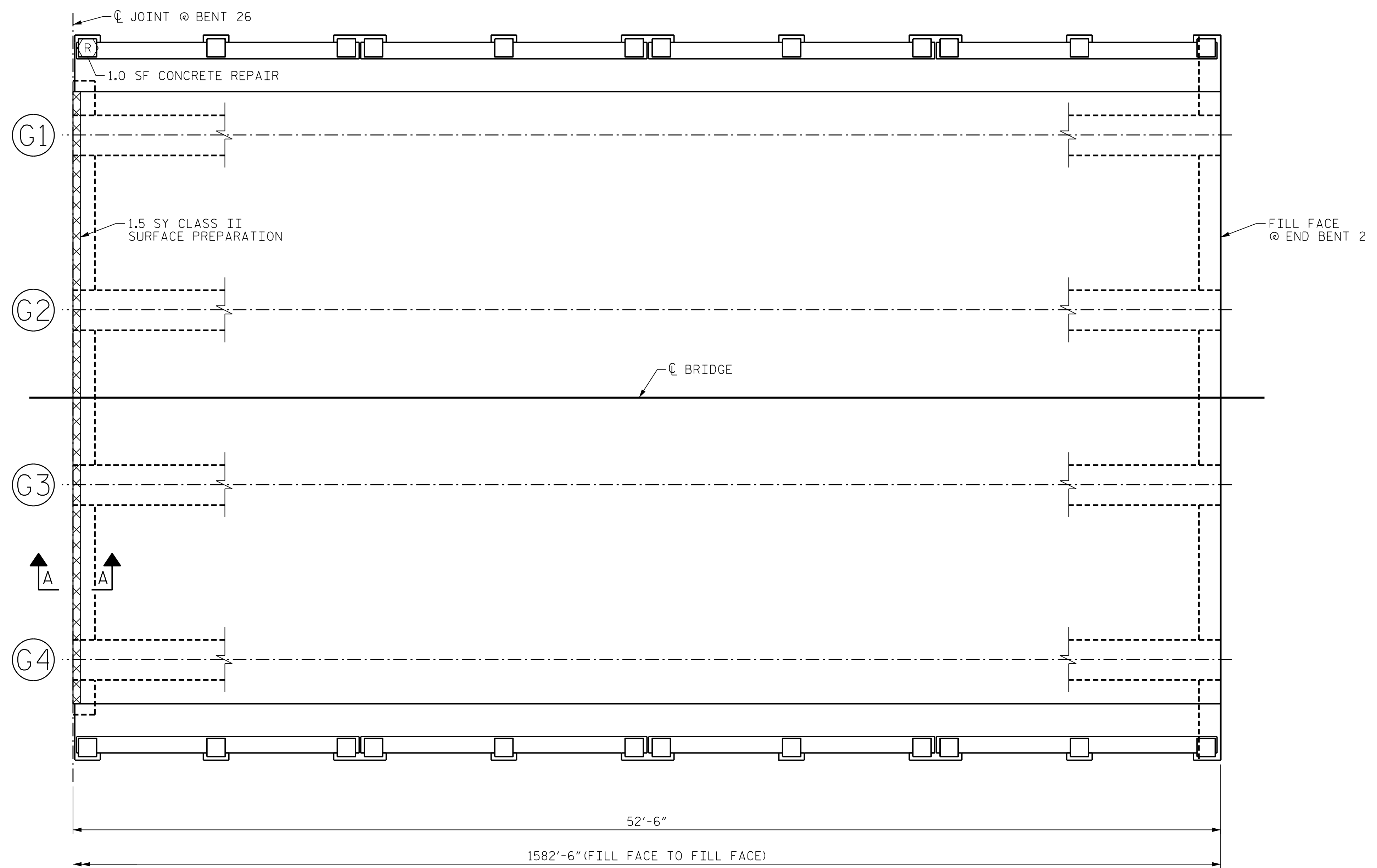
NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR SECTION A-A, SEE "FOAM JOINT DETAILS" SHEET.

FOR RAIL REPAIRS, SEE "RAIL REPAIR DETAILS" SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SHOTCRETE REPAIR AREA
 CLASS II SURFACE PREPARATION
 GIRDER NUMBER
 RAIL REPAIR AREA

SPAN ZZ

UNDERSIDE OF DECK REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG	0.0	0.0		

AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	163.3 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	163.3 SQ. YDS.	
CLASS II SURFACE PREPARATION	1.5 SQ. YDS.	
CONCRETE DECK REPAIR FOR PC OVERLAY	1.5 SQ. YDS.	
POLYMER CONCRETE MATERIALS	6.8 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	163.3 SQ. YDS.	
GROOVING BRIDGE FLOOR	1312.5 SQ. FT.	
FOAM JOINT SEAL	0.0 LIN. FT.	

RAIL REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS	1.0	0.2		
RAIL				

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 27 OF 27



Karen M. Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN ZZ**

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

SHEET NO. S2-37
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

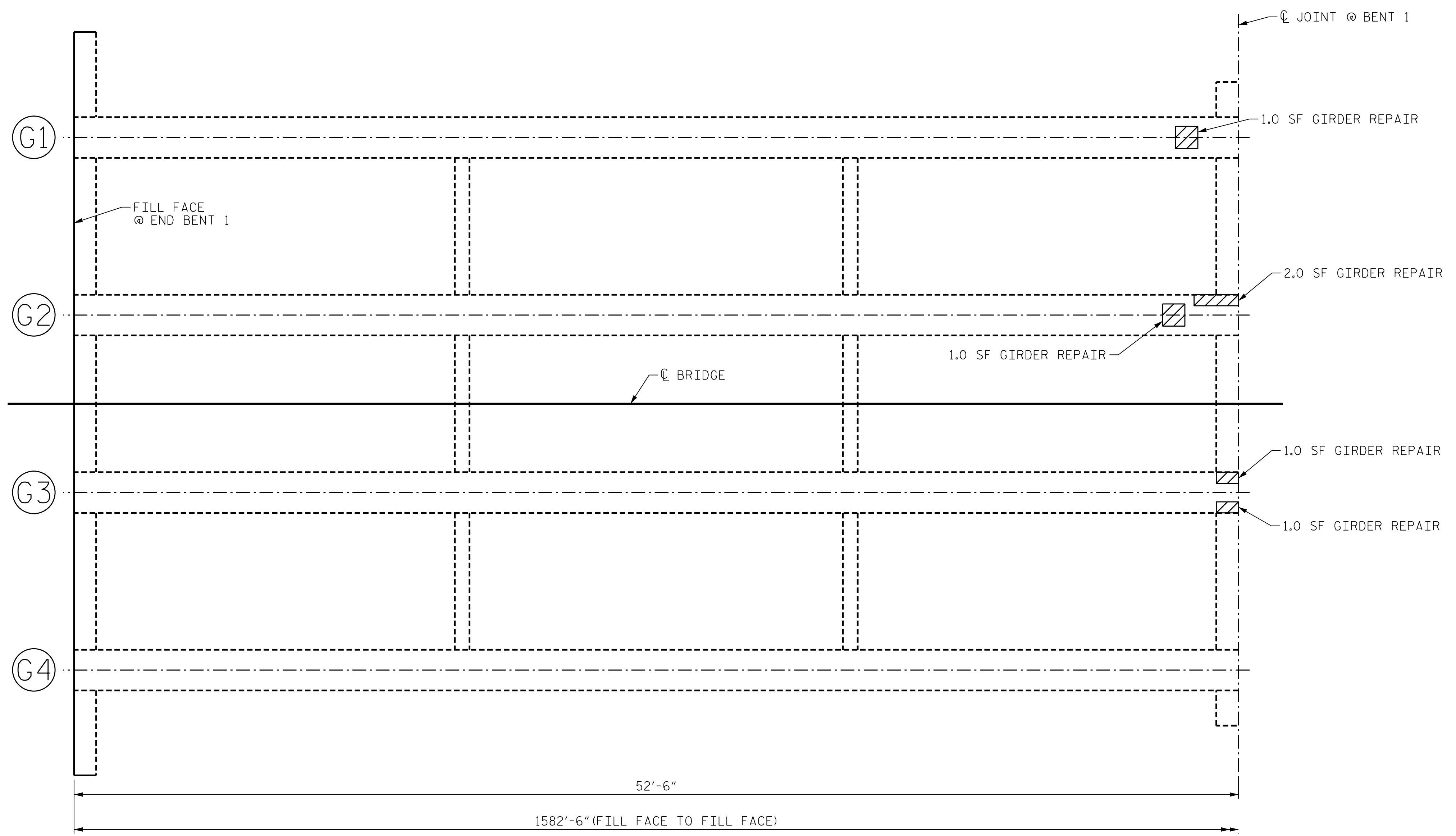
HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116



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

PLOT DRIVER: NCDOT_STRUCTURE_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURE_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:04:59 AM
 FILE: ... \78\Revisions\DCN\052026.dgn

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



-  SHOTCRETE REPAIR AREA
-  GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN A

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

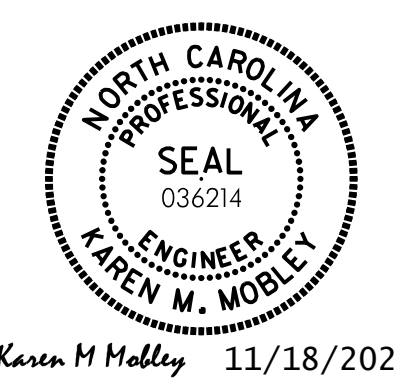
GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	6.0	1.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078

SHEET 1 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

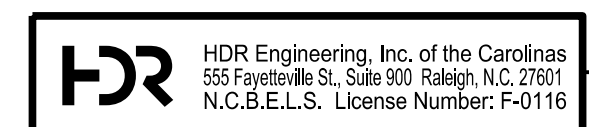
**FRAMING PLAN
 SPAN A**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-38 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY:	D. CURTIS	DATE :	01/19
CHK BY:	K. MOBLEY	DATE :	01/19

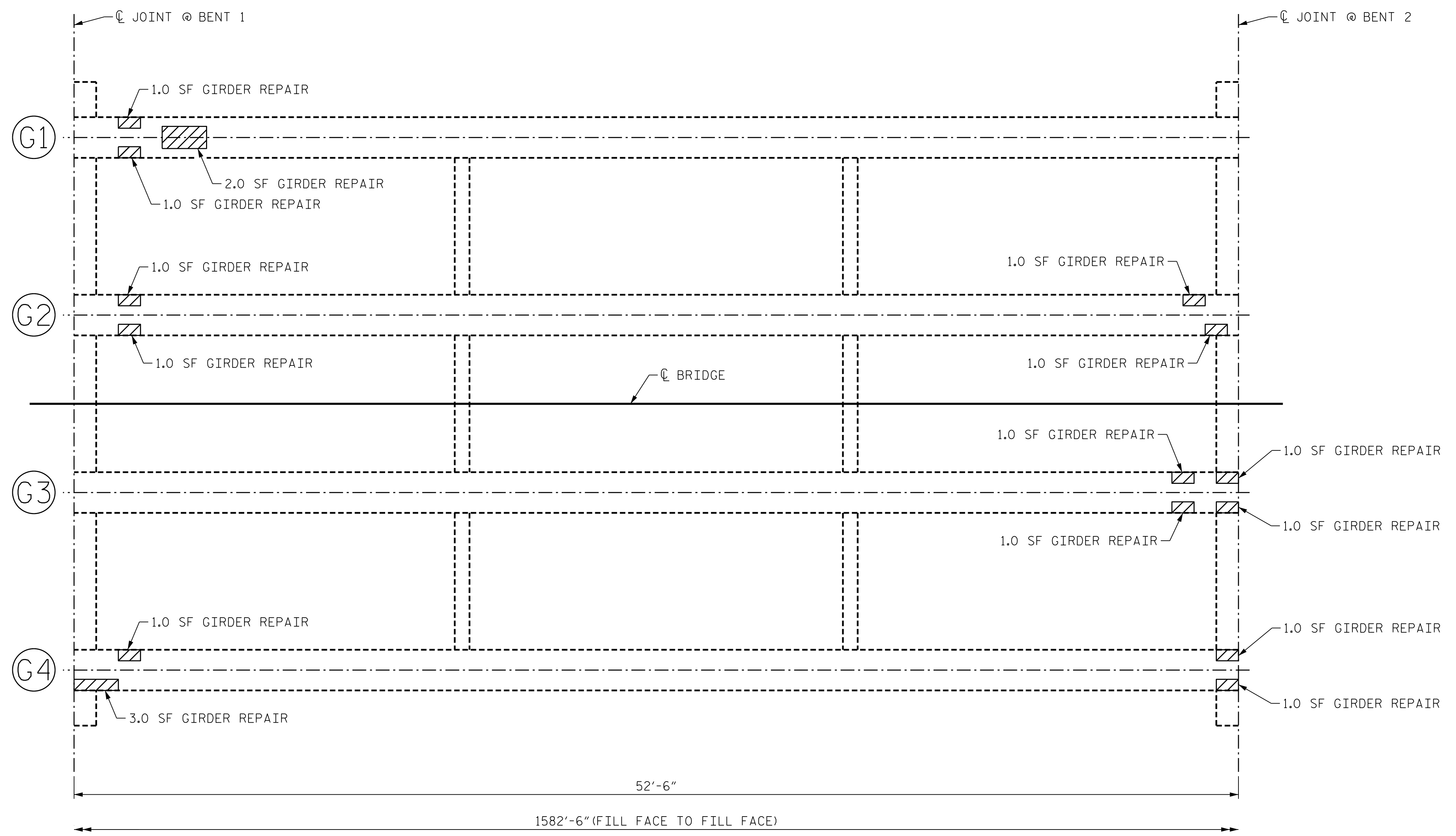


**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:06:23 AM
 FILE: ... \78\Revisions\DCN\0540.dgn

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN B

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	18.0	3.2		

PROJECT NO. 15BPR.38

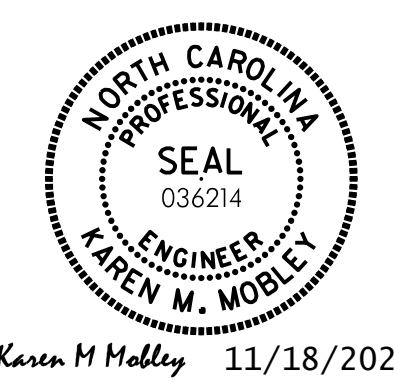
ANSON COUNTY

BRIDGE NO: 030078

SHEET 2 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN B**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-39 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

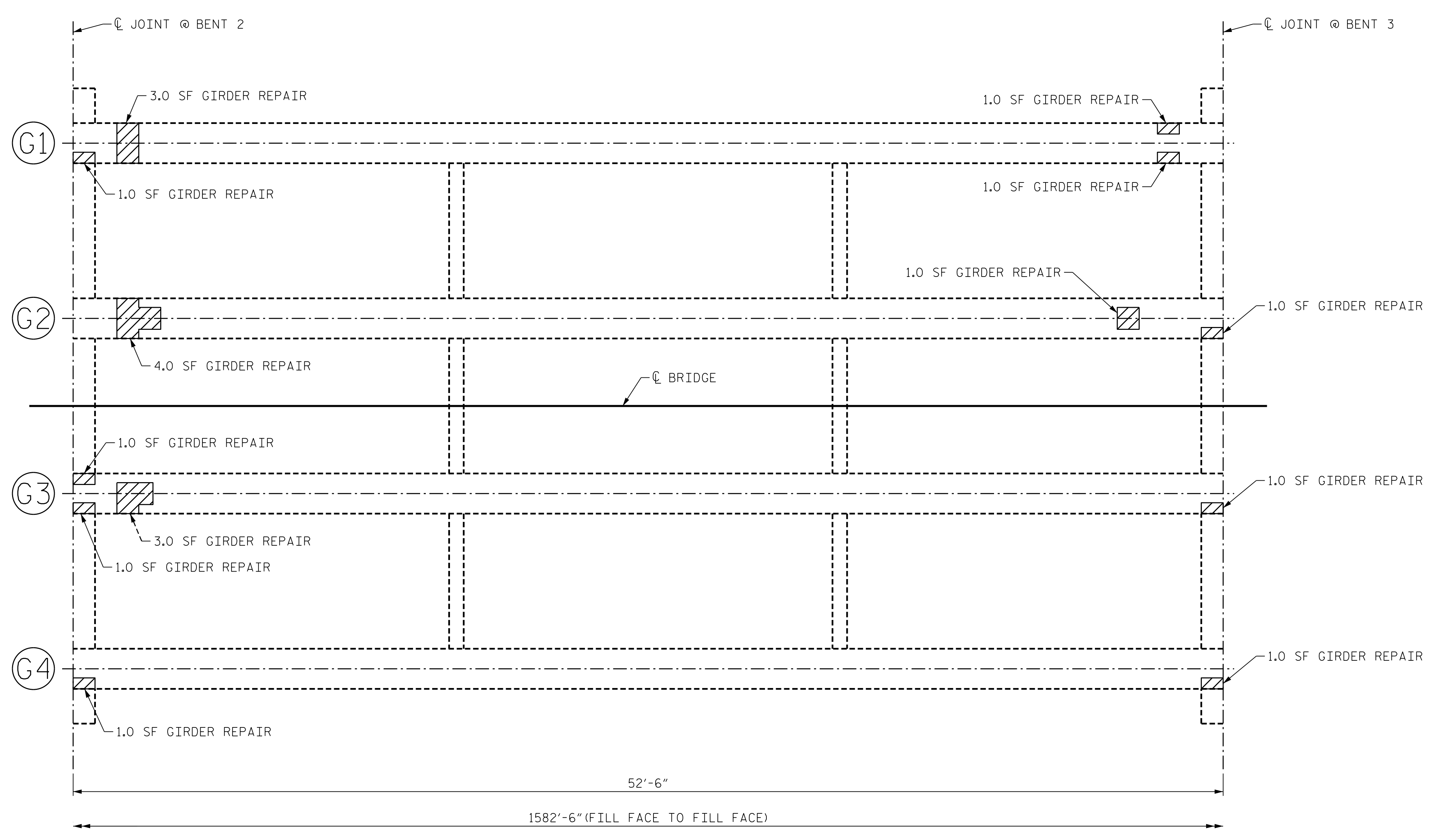
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:07:43 AM
 FILE: ... \78\Revisions\DCN\0540.01.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:08:53 AM
 FILE: ... \78\Revisions\DCN\0540.02.dgn



NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN C

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

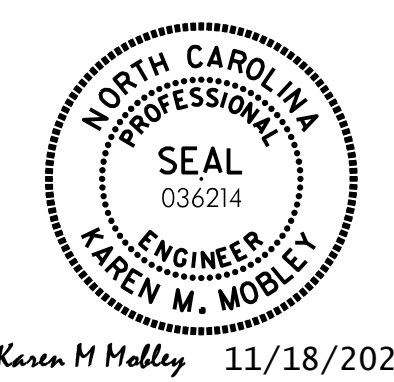
GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	20.0	2.1		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078

SHEET 3 OF 27

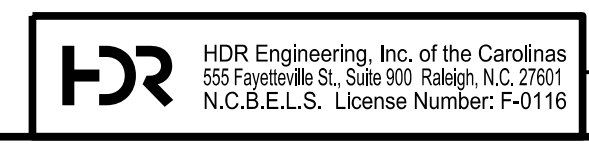
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN C**



Karen M Mobley 11/18/2021

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



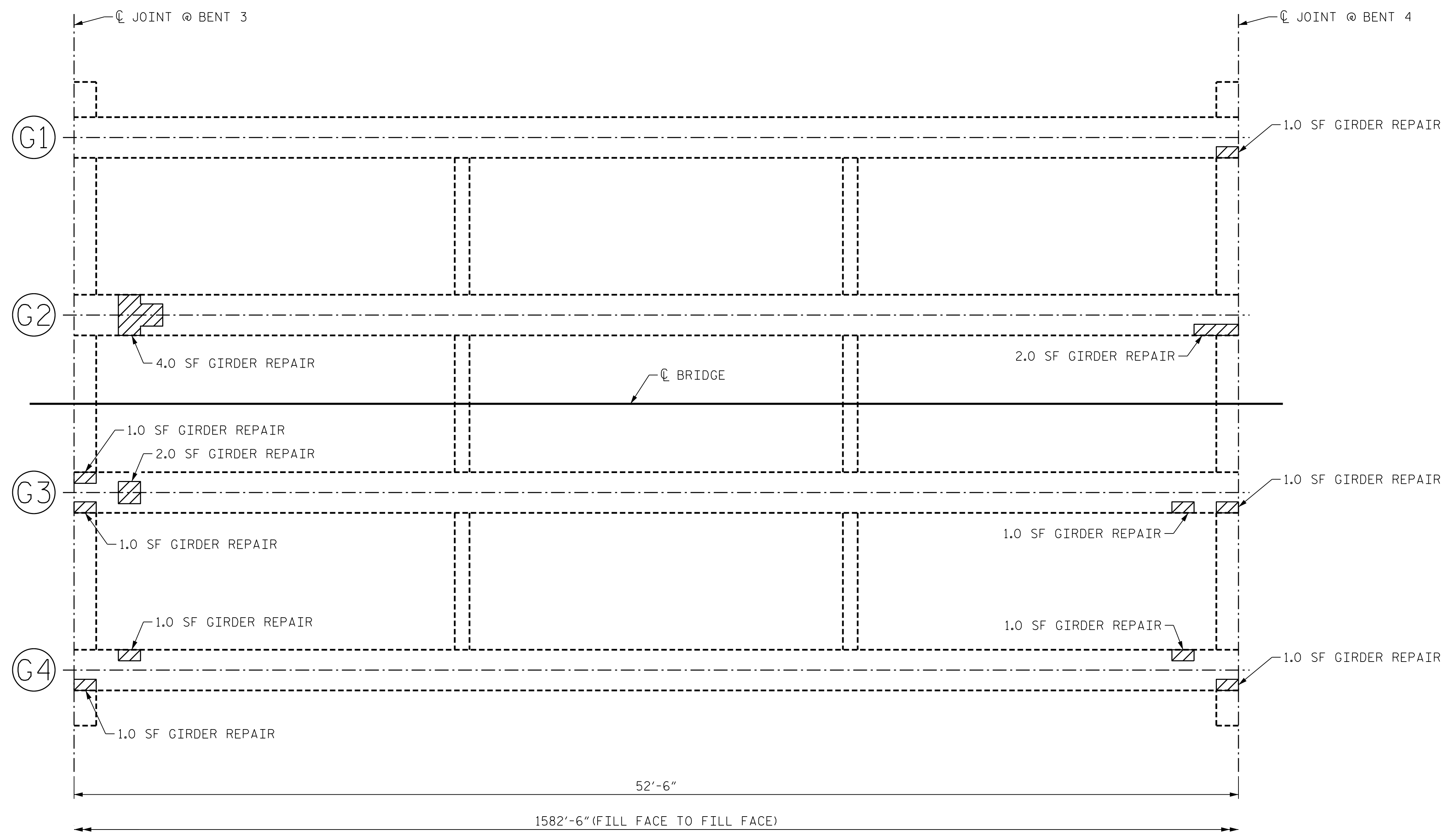
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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

SHEET NO. S2-40
 TOTAL SHEETS 97

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN D

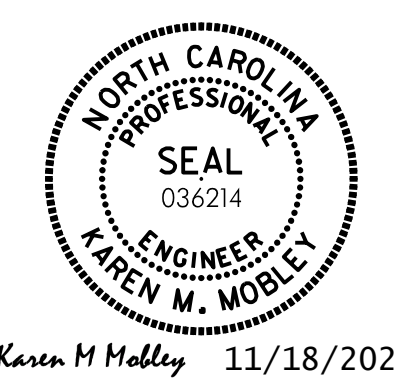
DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	17.0	2.5		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 4 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN D**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-41 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:10:49 AM
 FILE: ... \78\Revisions\DCN\0540.03.dgn

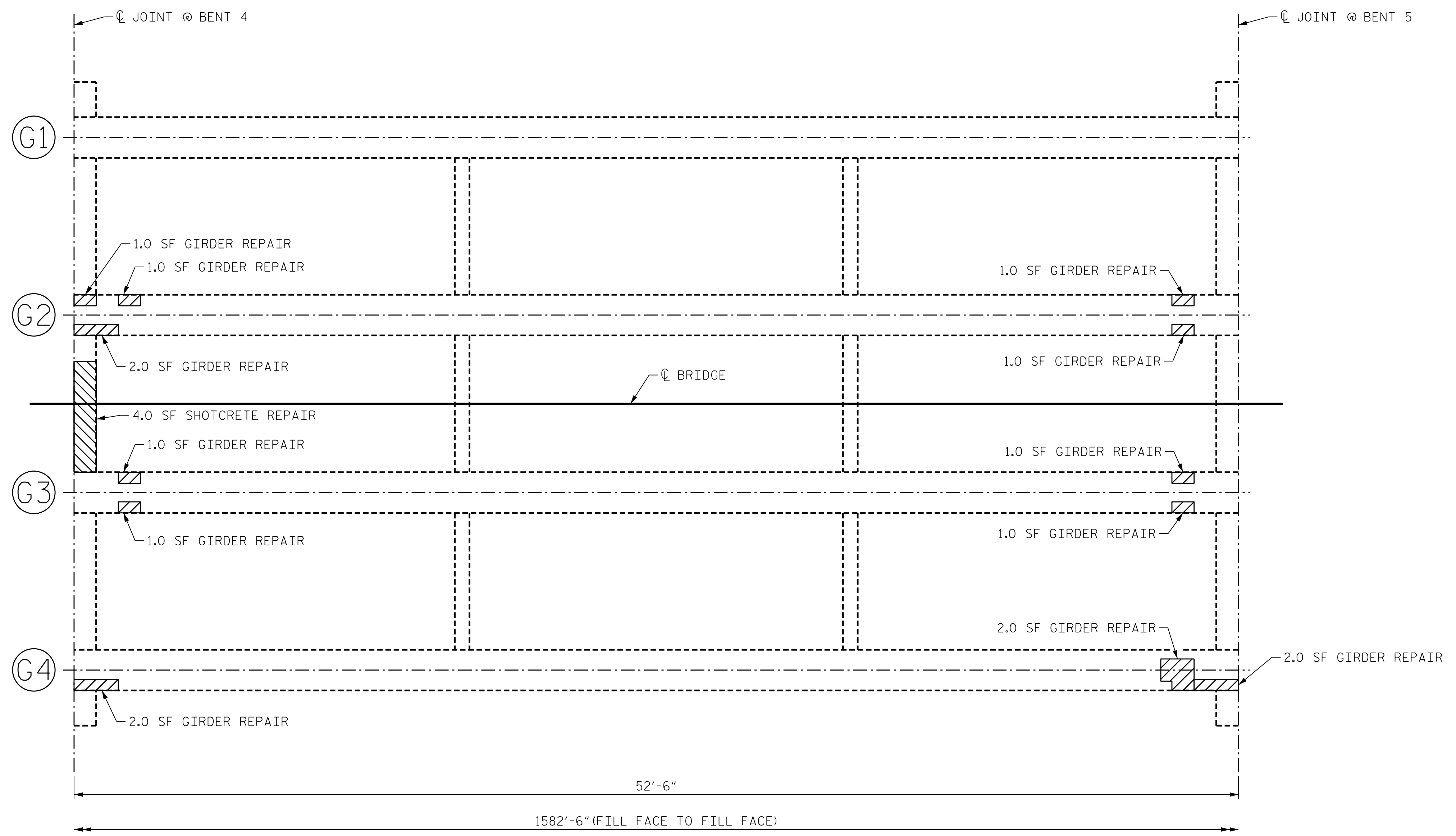
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

HDR HDR Engineering, Inc. of the Carolinas
 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116

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

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN E

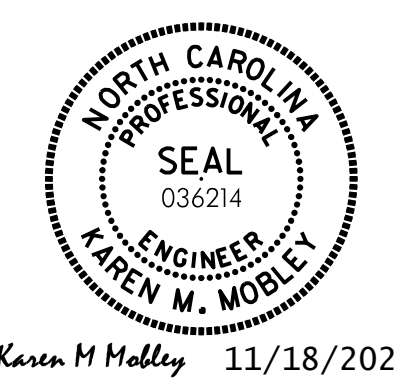
DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	4.0	2.7		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	16.0	2.6		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 5 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN E**

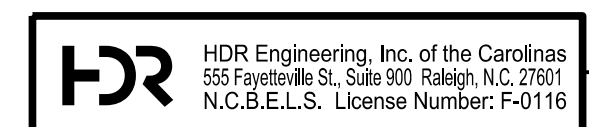


Karen M Mobley 11/18/2021

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

SHEET NO. S2-42
TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

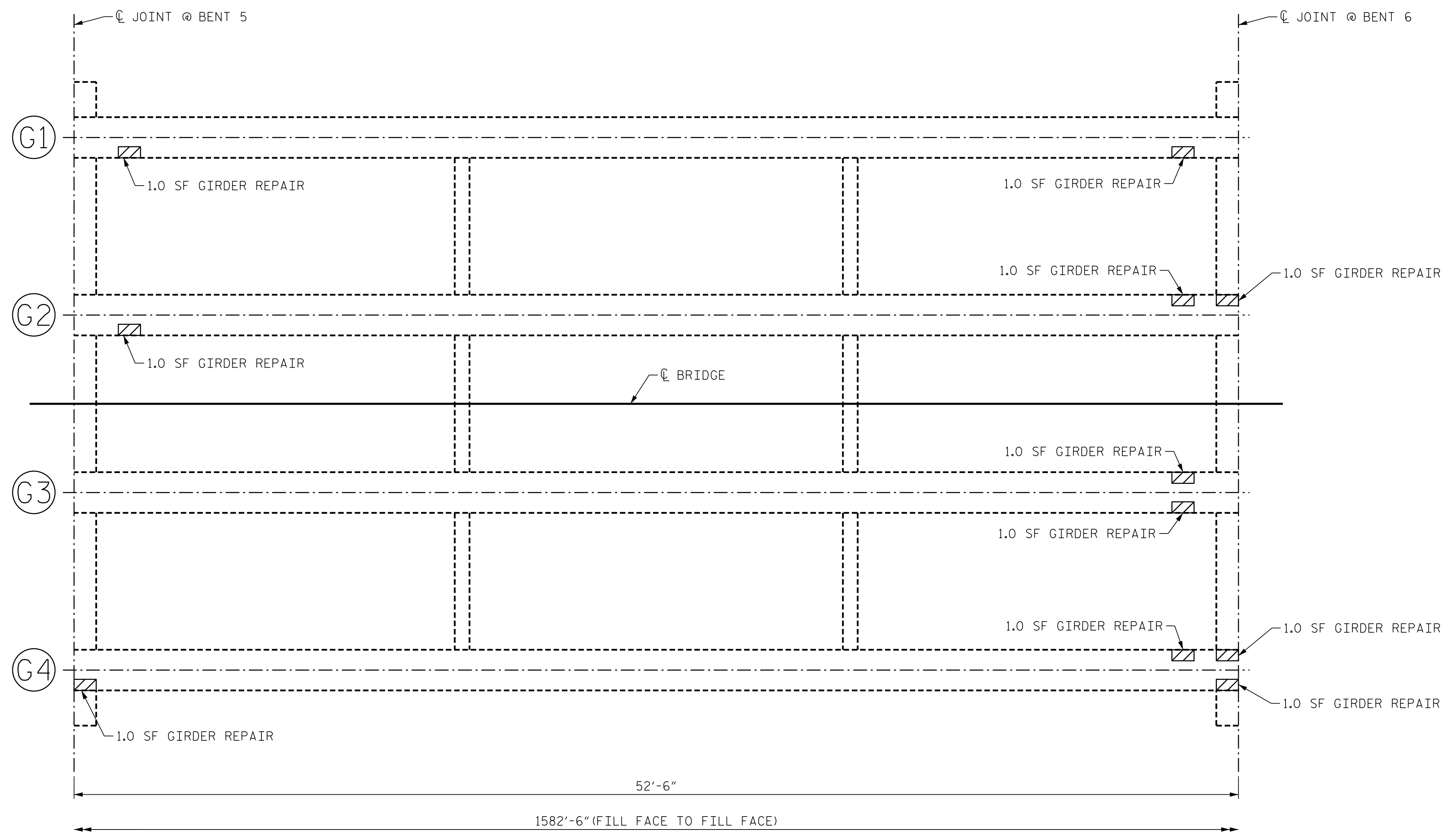


**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/18/2021 TIME: 10:02:36 AM
 FILE: ... \78\Revisions\DCN\0540.04.dgn

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN F

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

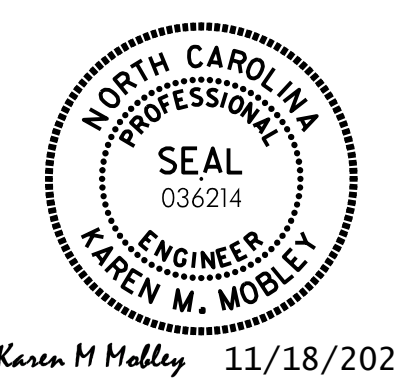
GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	11.0	1.8		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078

SHEET 6 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN F**

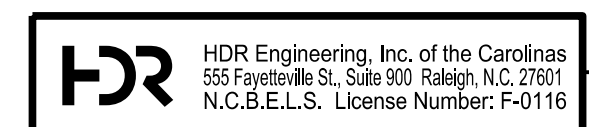


Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-43 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

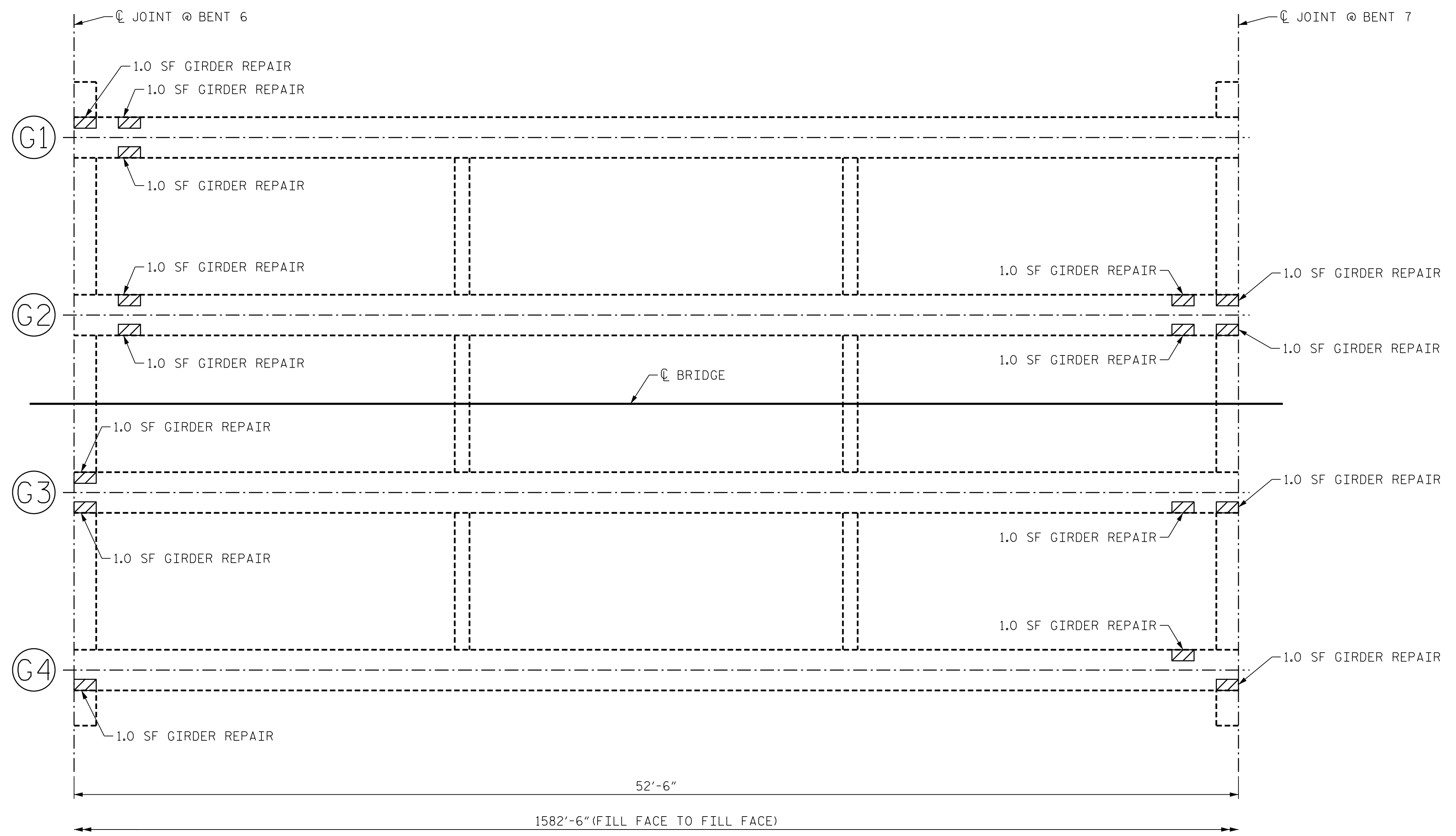
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:16:57 AM
 FILE: ... \78\Revisions\DCN\0540.05.dgn

DWG BY: D. CURTIS DATE : 01/19
 CHK BY: K. MOBLEY DATE : 01/19



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

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/18/2021 TIME: 11:23:25 AM
 FILE: ... \78\Revisions\DCN\0540.06.dgn



NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

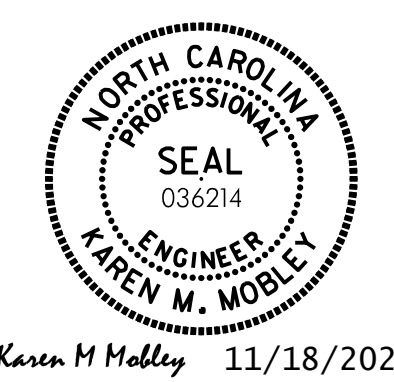
- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN G

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	16.0	2.7		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 7 OF 27

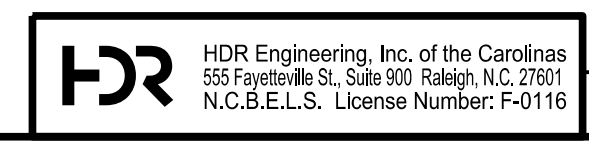


Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN G**

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19



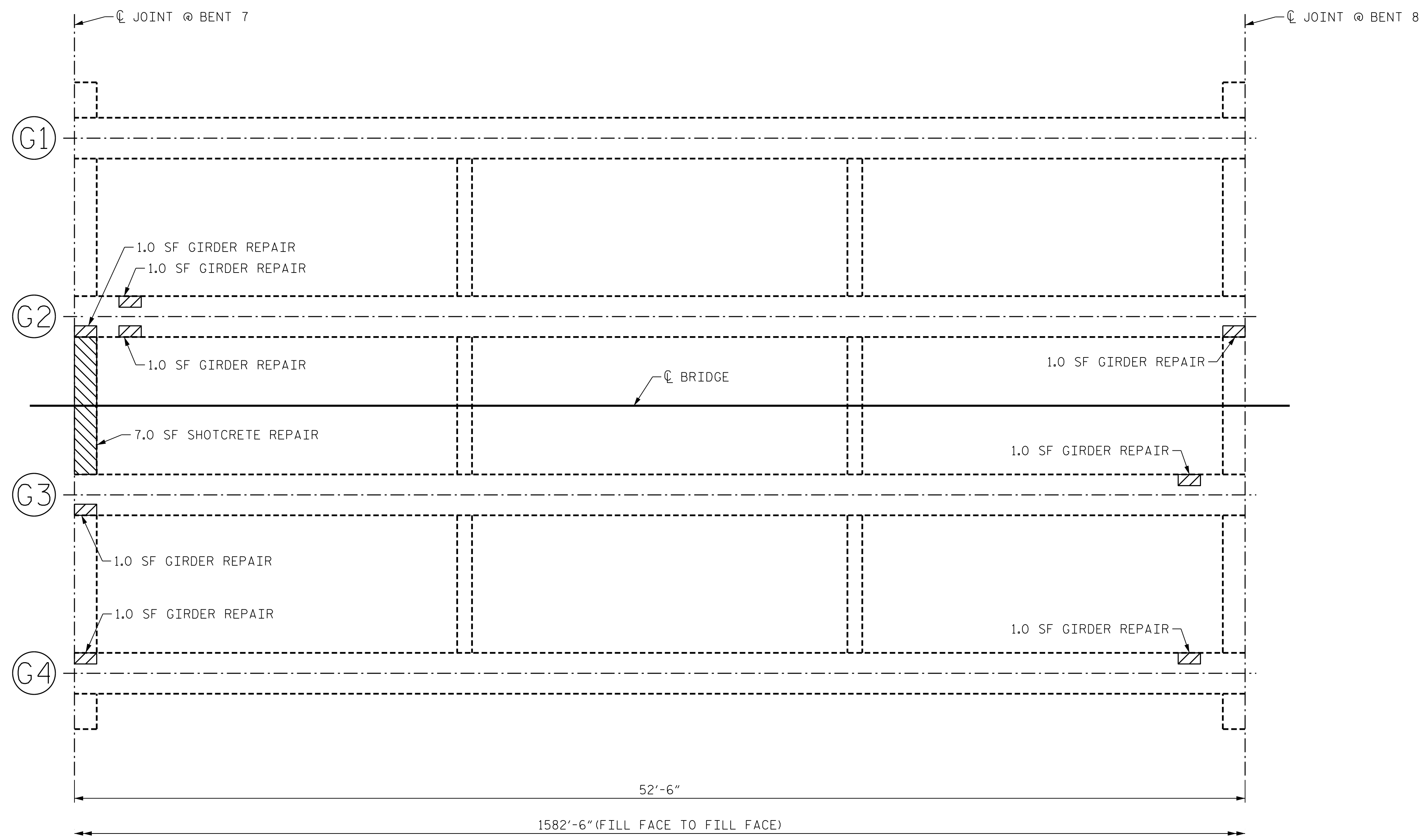
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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

SHEET NO. S2-44
 TOTAL SHEETS 97

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN H

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	7.0	2.2		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	8.0	1.1		

PROJECT NO. 15BPR.38

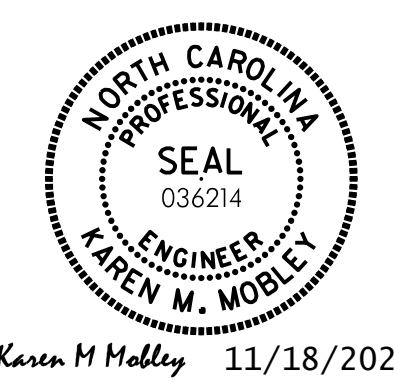
ANSON COUNTY

BRIDGE NO: 030078

SHEET 8 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN H**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-45 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:22:21 AM
 FILE: ... \78\Revisions\DCN\0540.07.dgn

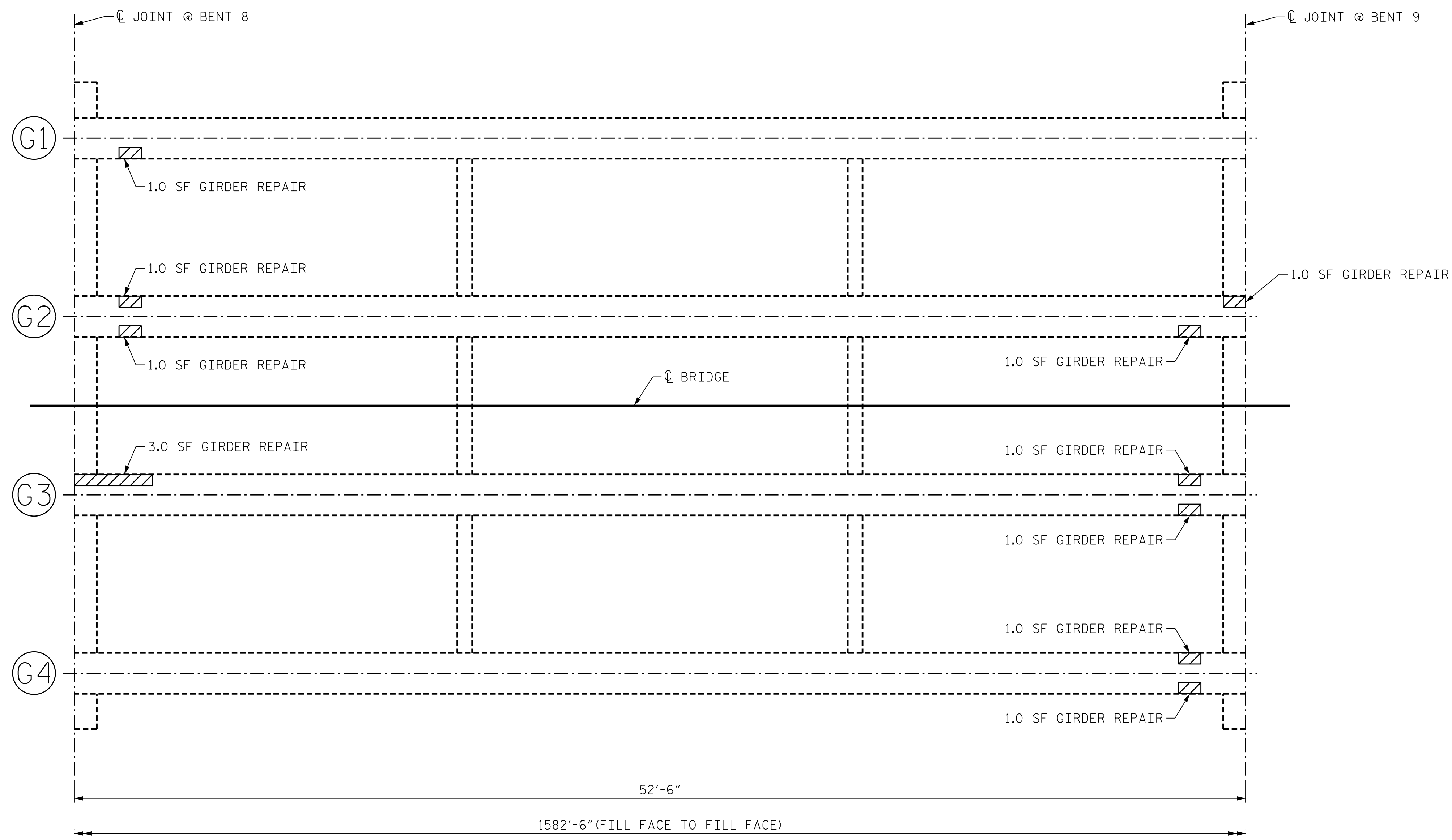
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



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

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



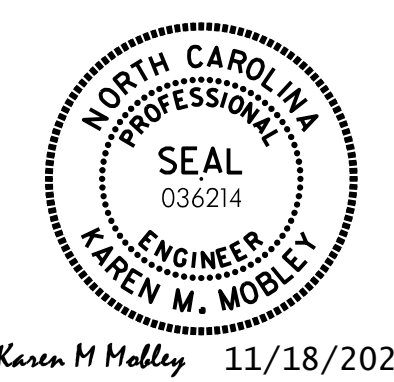
- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN I

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	12.0	1.7		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 9 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

FRAMING PLAN SPAN I

REVISIONS						SHEET NO. S2-46 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:24:32 AM
 FILE: ... \78\Revisions\DCN\0540.08.dgn

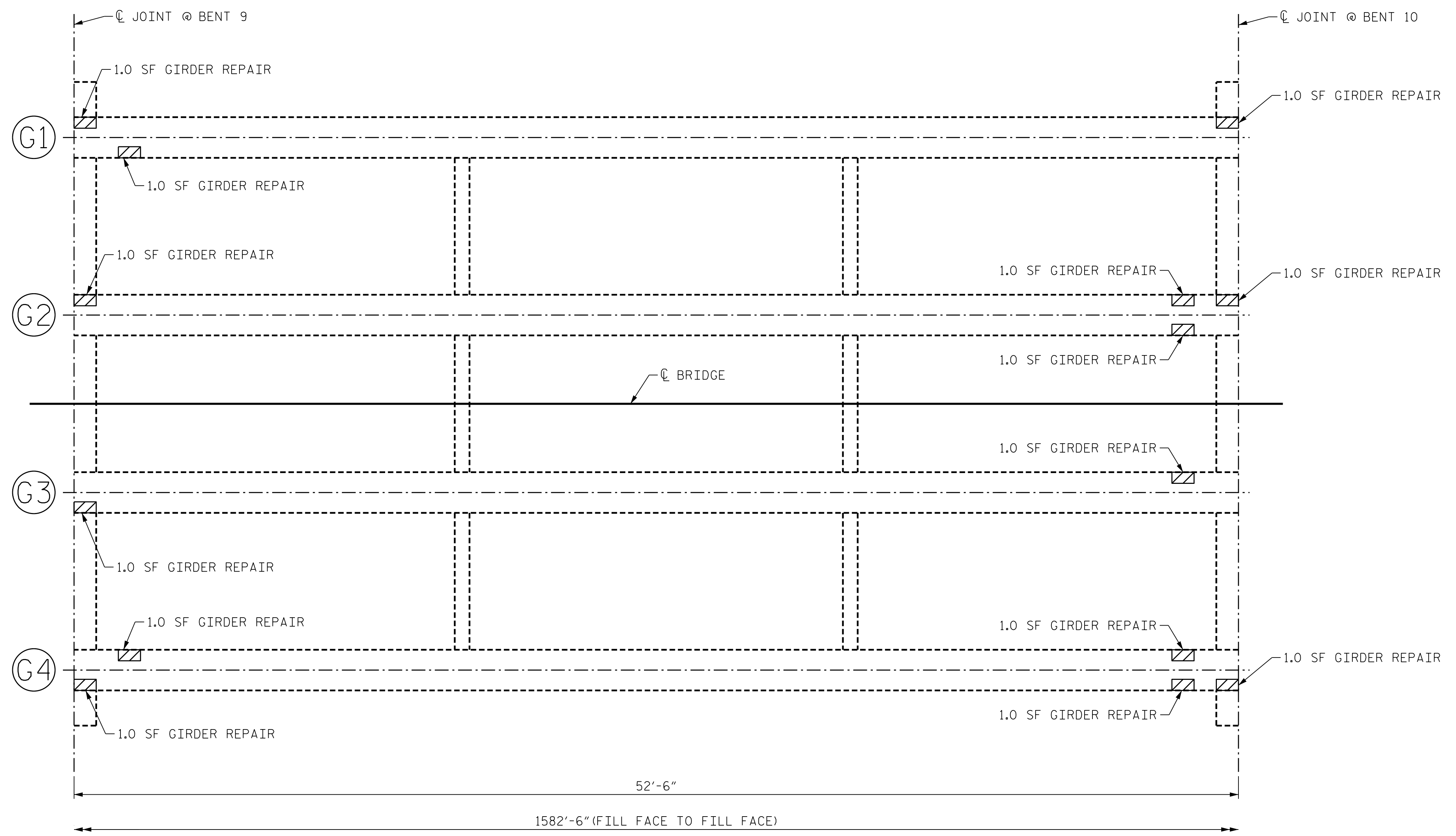
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19






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

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



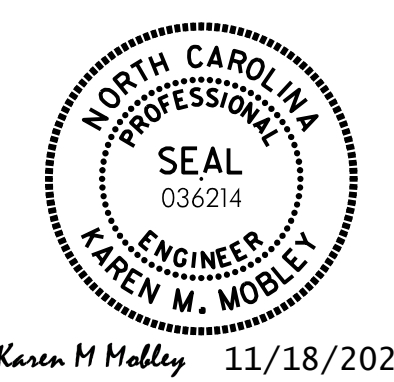
 SHOTCRETE REPAIR AREA
 GIRDER REPAIR AREA
 GIRDER NUMBER

SPAN J

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	14.0	2.8		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 10 OF 27



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN J**

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

SHEET NO. S2-47
 TOTAL SHEETS 97



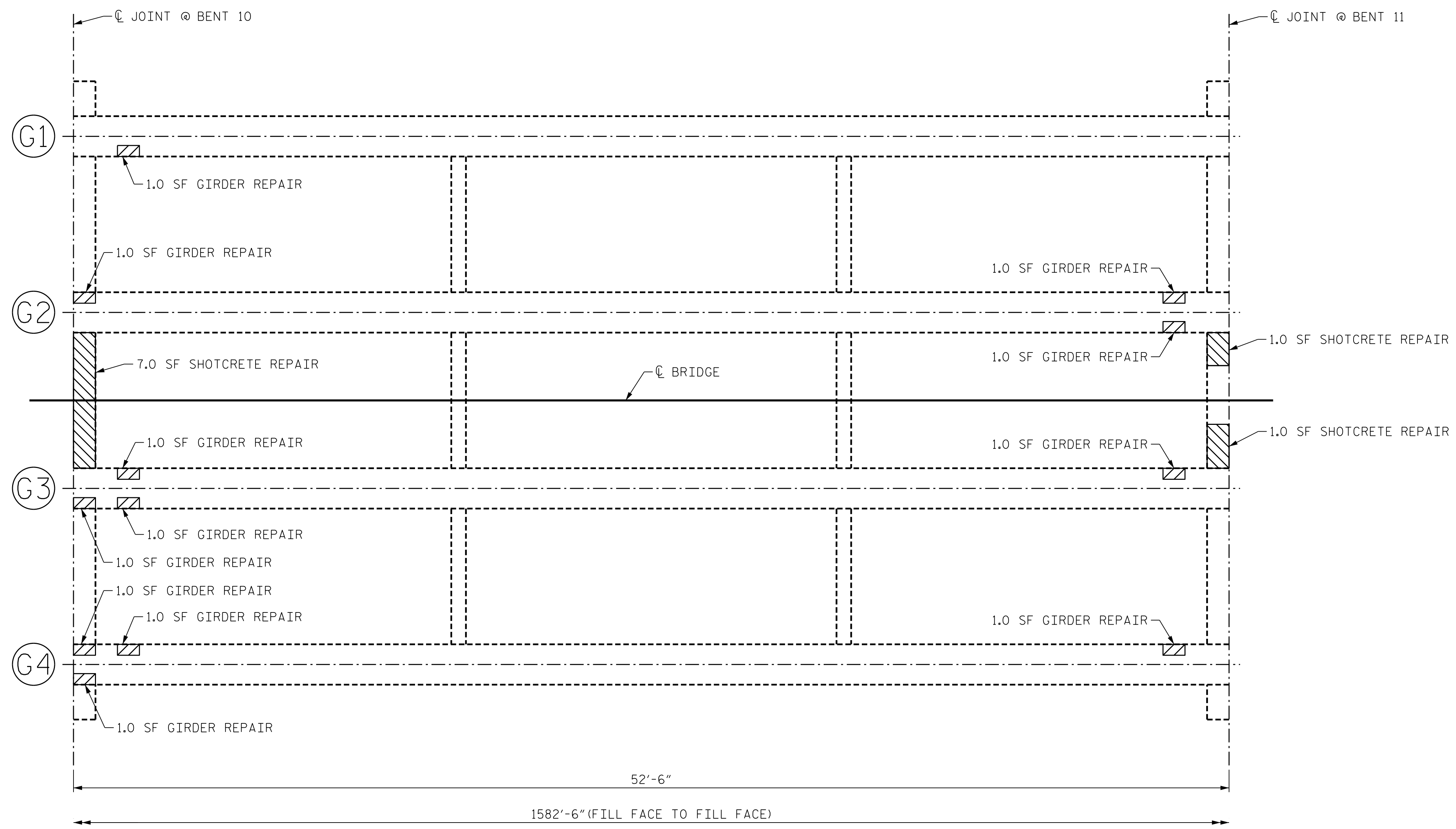
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:25:20 AM
 FILE: ... \78\Revisions\DCN\0540.09.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN K

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	9.0	2.6		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	12.0	1.7		

PROJECT NO. 15BPR.38

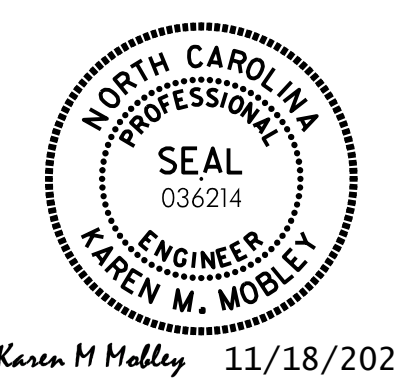
ANSON COUNTY

BRIDGE NO: 030078

SHEET 11 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN K**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-48 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DWG BY: D. CURTIS DATE: 01/19
CHK BY: K. MOBLEY DATE: 01/19

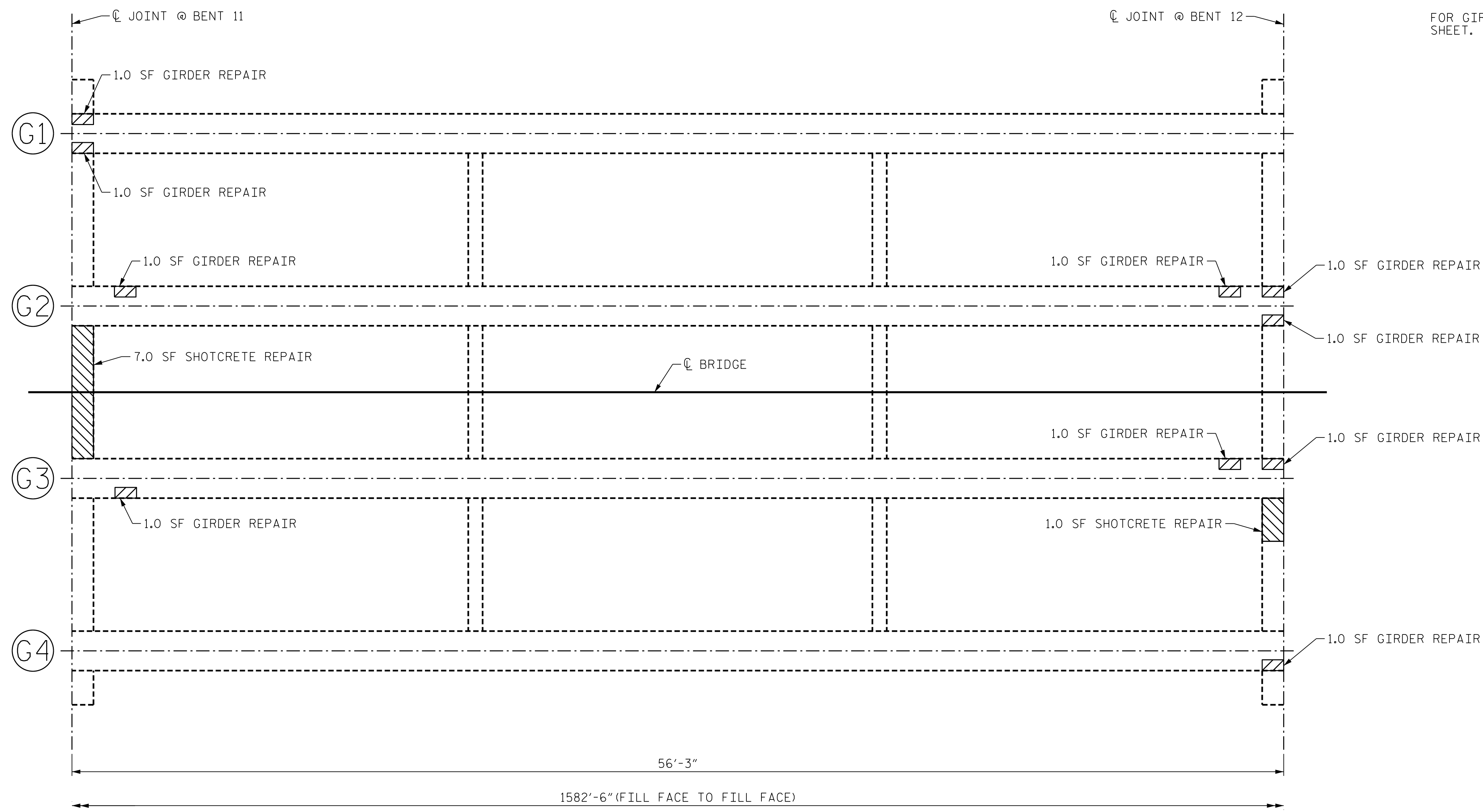





**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 11:25:58 AM
 FILE: ... \78\Revisions\DCN\054010.dgn

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.
 FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



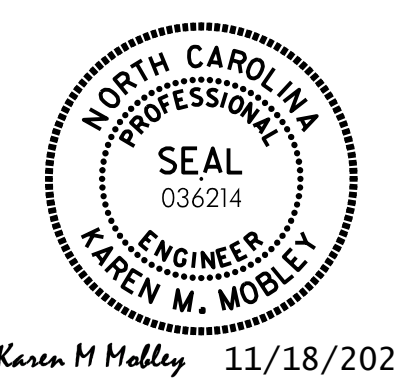
 SHOTCRETE REPAIR AREA
 GIRDER REPAIR AREA
 GIRDER NUMBER

SPAN L

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	8.0	1.9		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	10.0	1.5		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 12 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN L**

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

SHEET NO. S2-49
 TOTAL SHEETS 97

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19





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

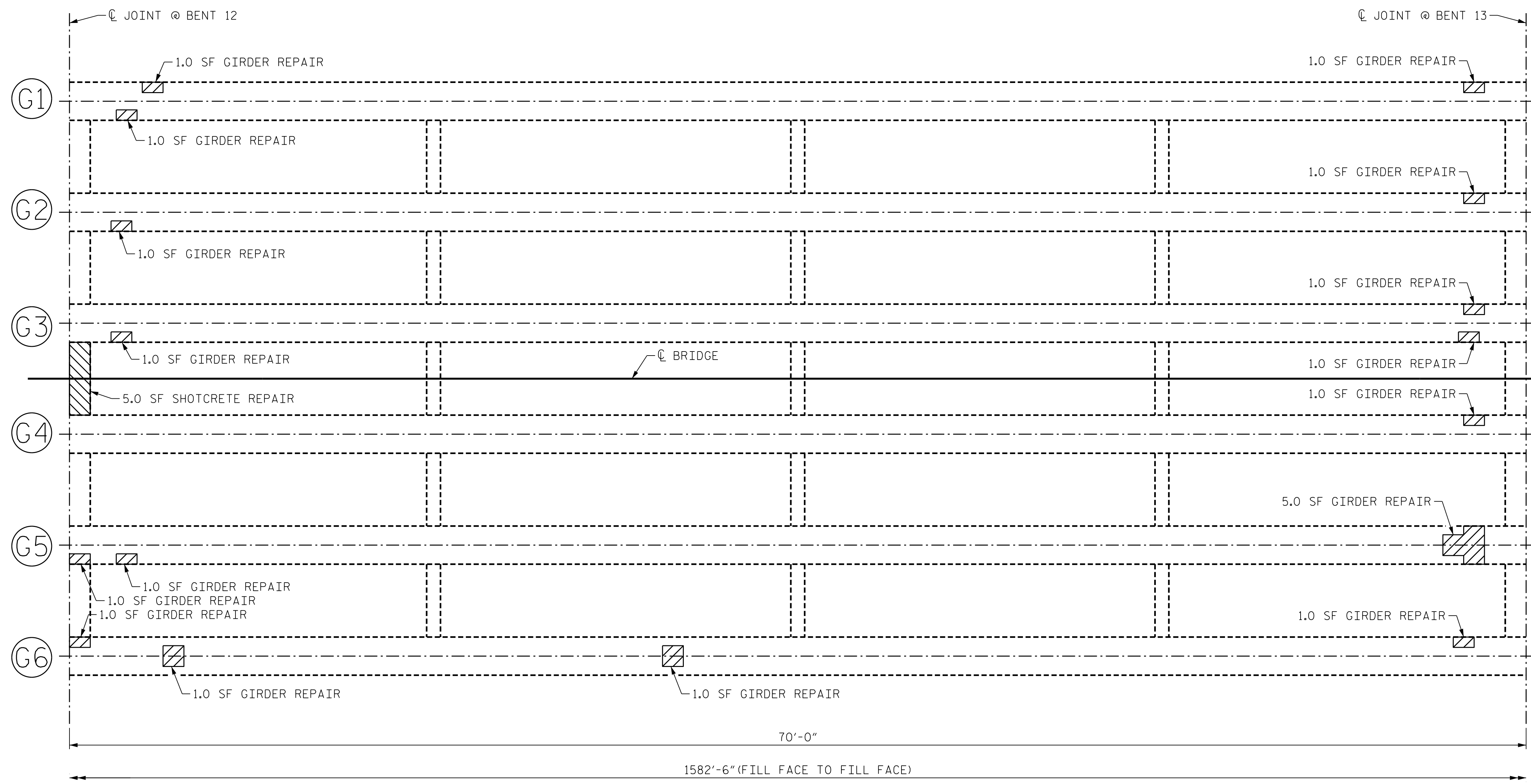
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:26:44 AM
 FILE: ... \78\Revisions\DCN\054011.dgn

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

-  SHOTCRETE REPAIR AREA
-  GIRDER REPAIR AREA
- ① GIRDER NUMBER



SPAN M

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	5.0	1.9		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	20.0	2.8		

PROJECT NO. 15BPR.38

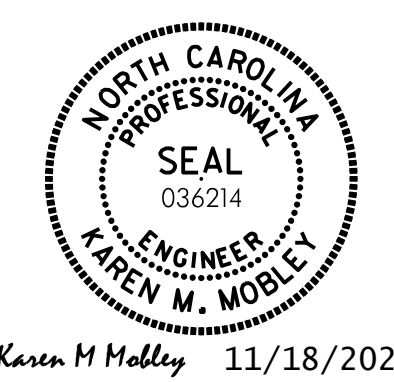
ANSON COUNTY

BRIDGE NO: 030078

SHEET 13 OF 27

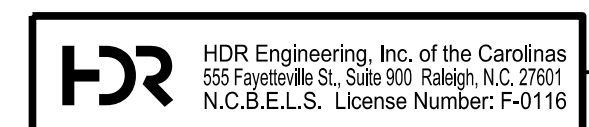
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN M**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-50 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



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

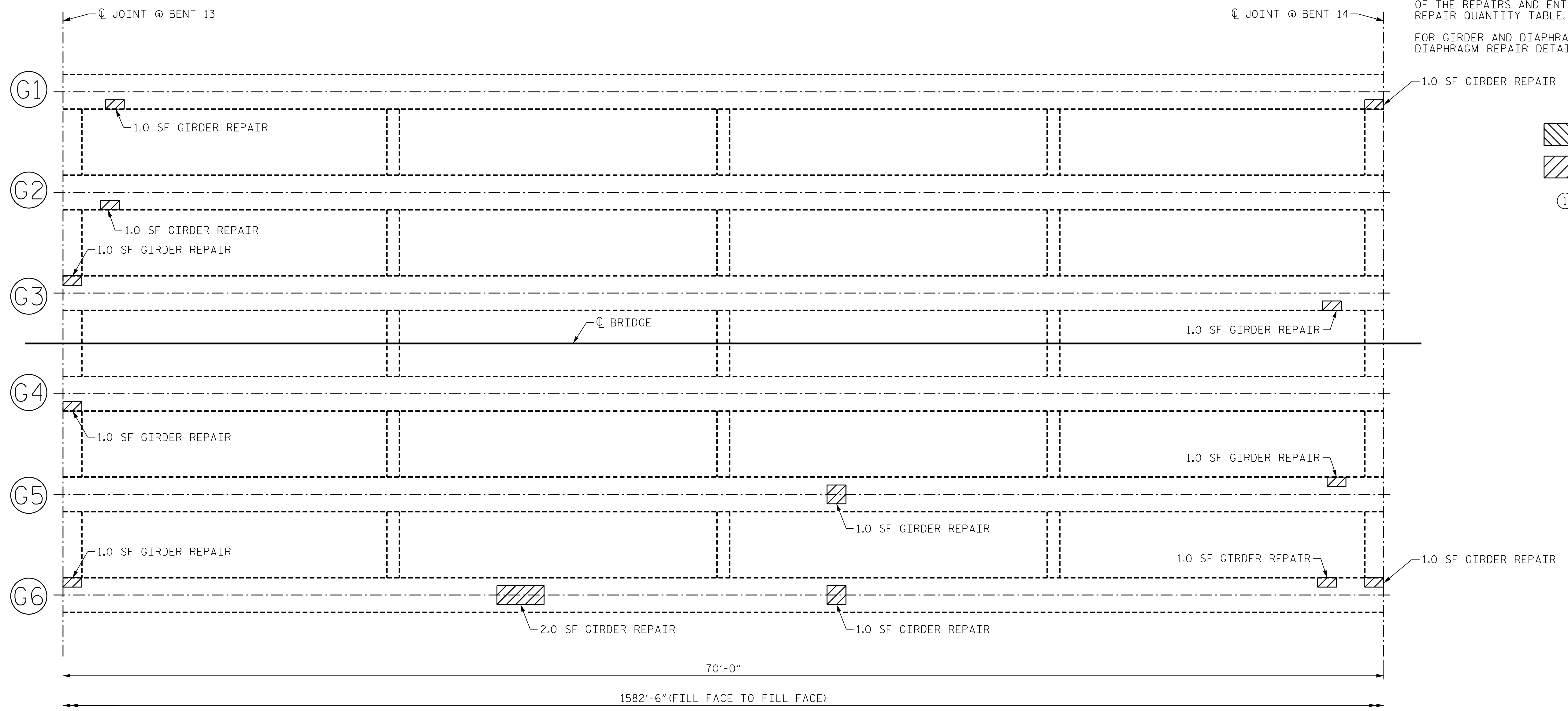
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:27:33 AM
 FILE: ... \78\Revisions\DCN\0540.12.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN N

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

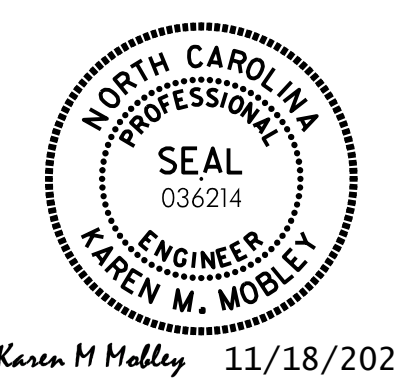
GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	14.0	1.7		

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 14 OF 27



Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

FRAMING PLAN SPAN N

REVISIONS						SHEET NO. S2-51 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:28:24 AM
 FILE: ... \78\Revisions\DCN\054013.dgn

DWG BY: <u>D. CURTIS</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>

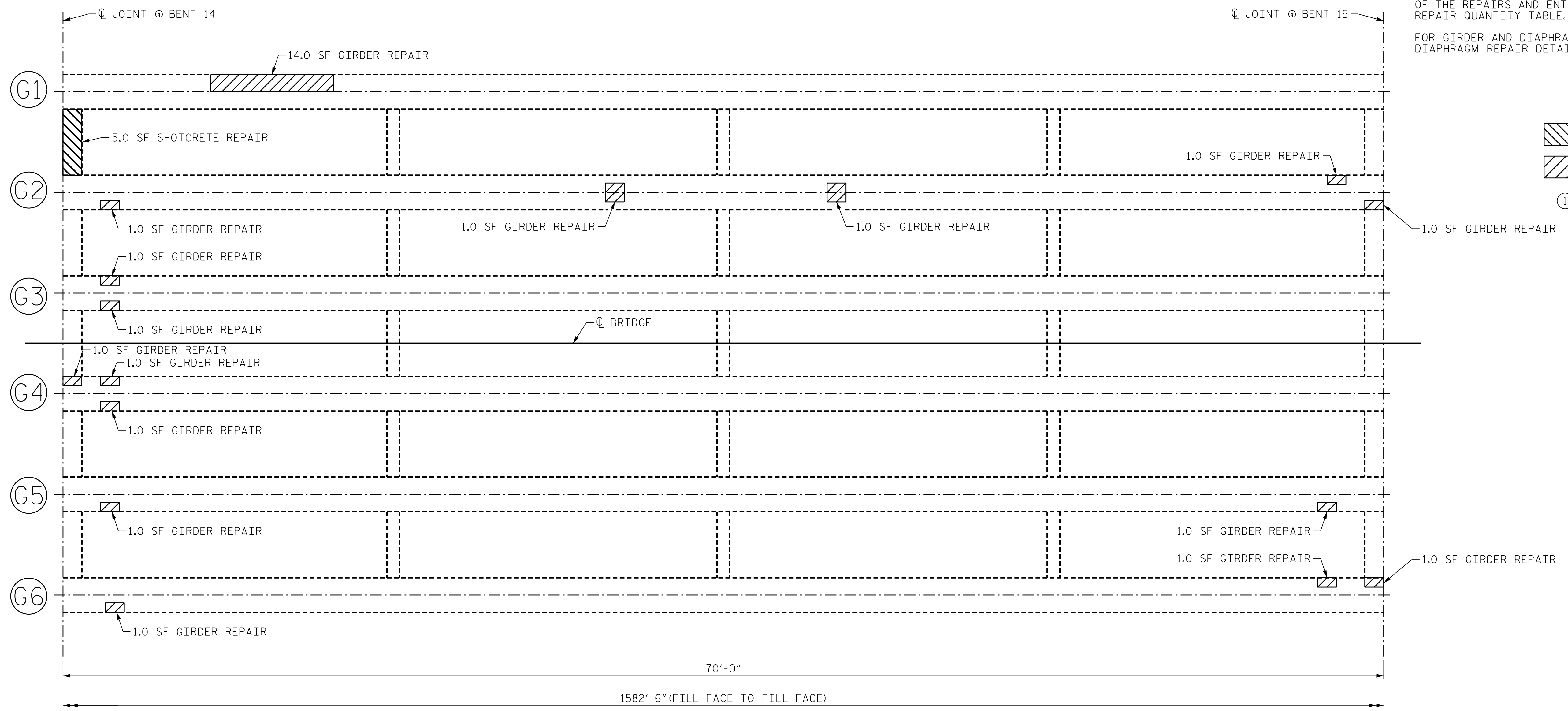
HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN 0

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	5.0	1.3		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	29.0	5.5		

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 15 OF 27

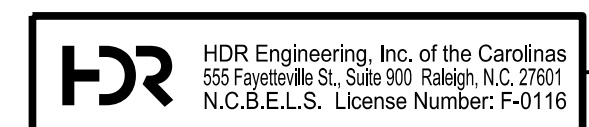
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN 0**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-52 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



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

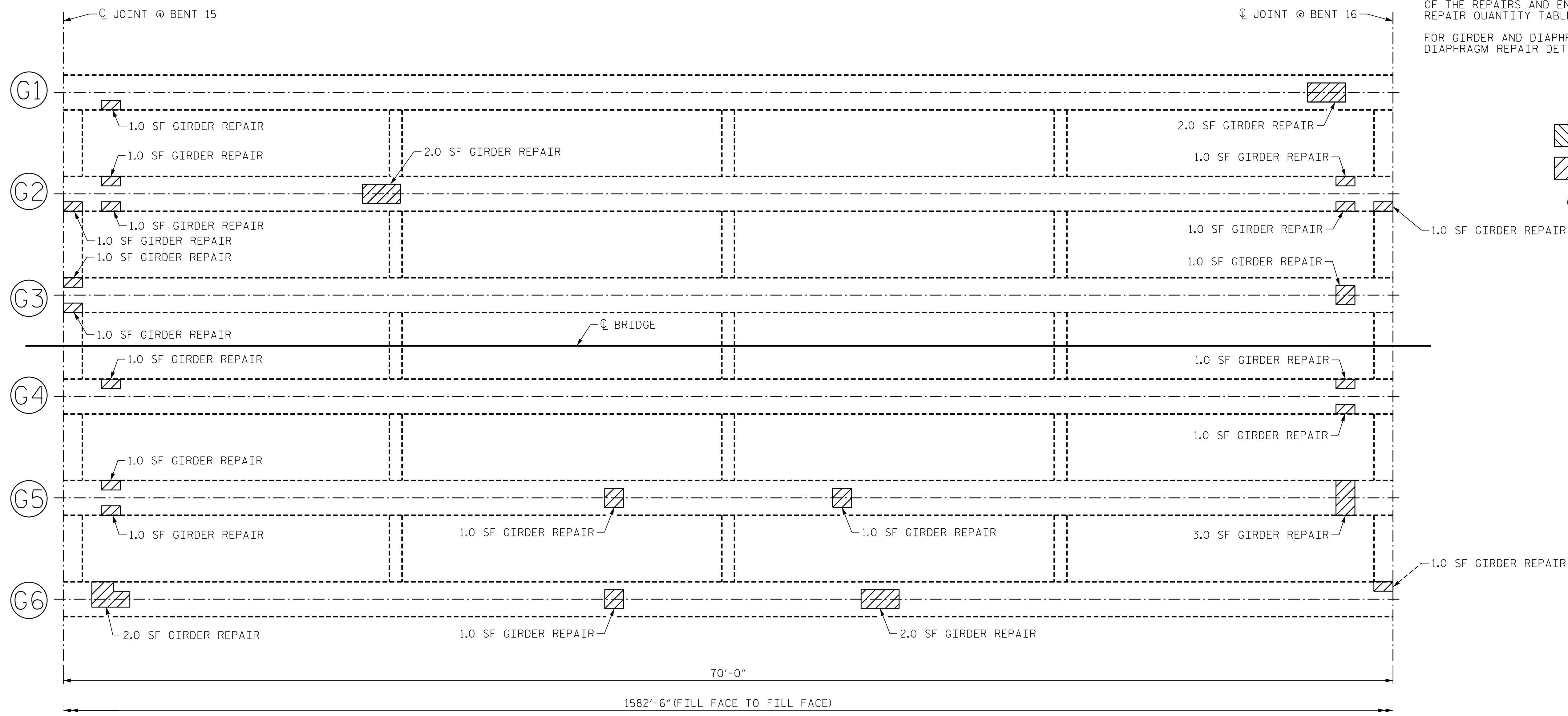
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt
 PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021
 TIME: 11:29:24 AM
 FILE: ... \78\Revisions\DCN\054014.dgn

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN P

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	30.0	4.0		

PROJECT NO. 15BPR.38

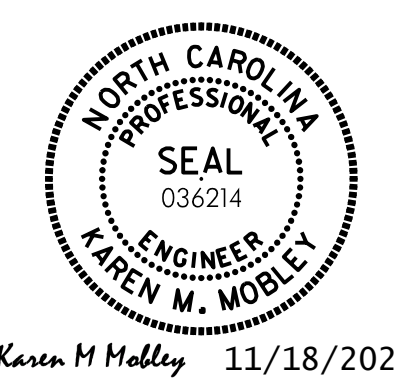
ANSON COUNTY

BRIDGE NO: 030078

SHEET 16 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN P**



Karen M Mobley 11/18/2021

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

SHEET NO. S2-53
TOTAL SHEETS 97

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

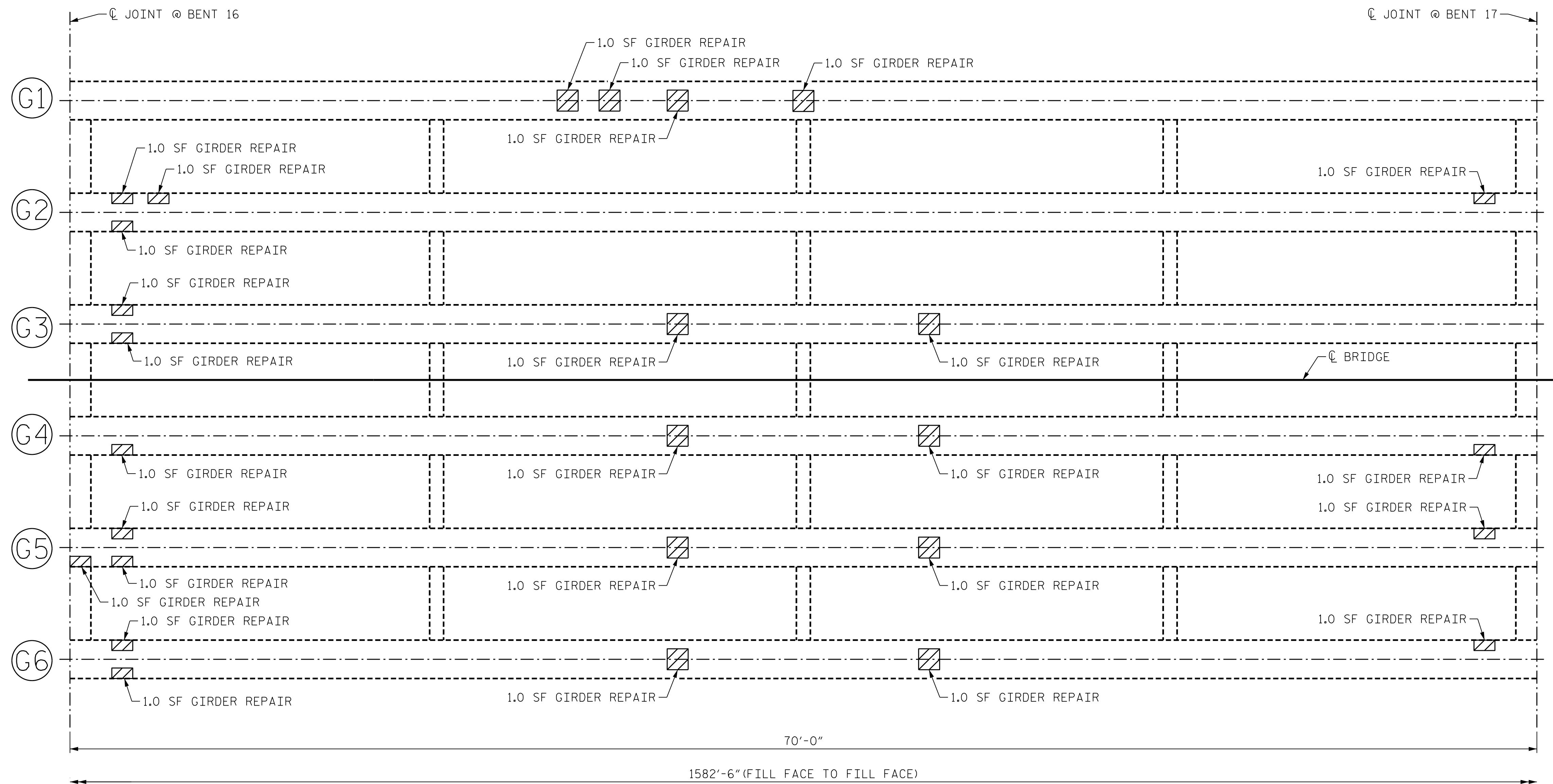
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:31:08 AM
 FILE: ... \78\Revisions\DCN\054015.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



SPAN Q

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	27.0	3.0		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078

SHEET 17 OF 27

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN Q**



Karen M. Mobley 11/18/2021

REVISIONS						SHEET NO. S2-54 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



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

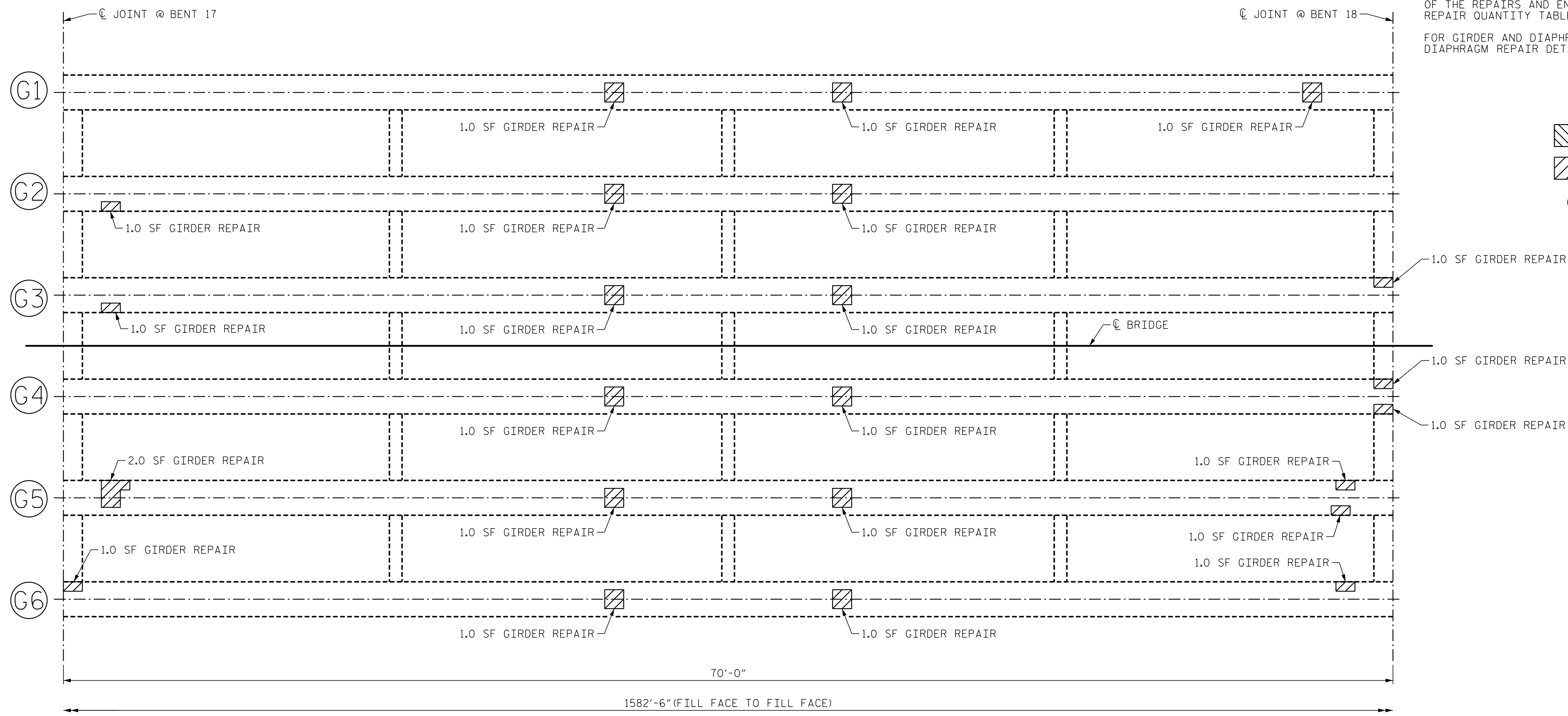
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:34:29 AM
 FILE: ... \78\Revisions\DCN\054016.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN R

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	24.0	2.7		

PROJECT NO. 15BPR.38

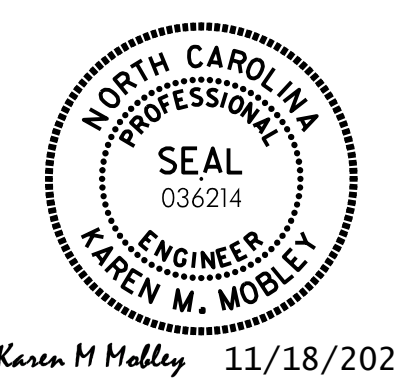
ANSON COUNTY

BRIDGE NO: 030078

SHEET 18 OF 27

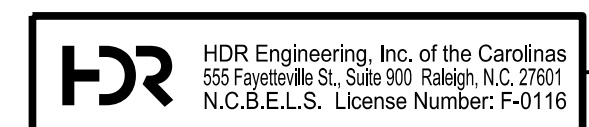
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**FRAMING PLAN
SPAN R**



Karen M Mobley 11/18/2021

REVISIONS						SHEET NO. S2-55 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



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



PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:35:10 AM
 FILE: ... \78\Revisions\DCN\0540.17.dgn

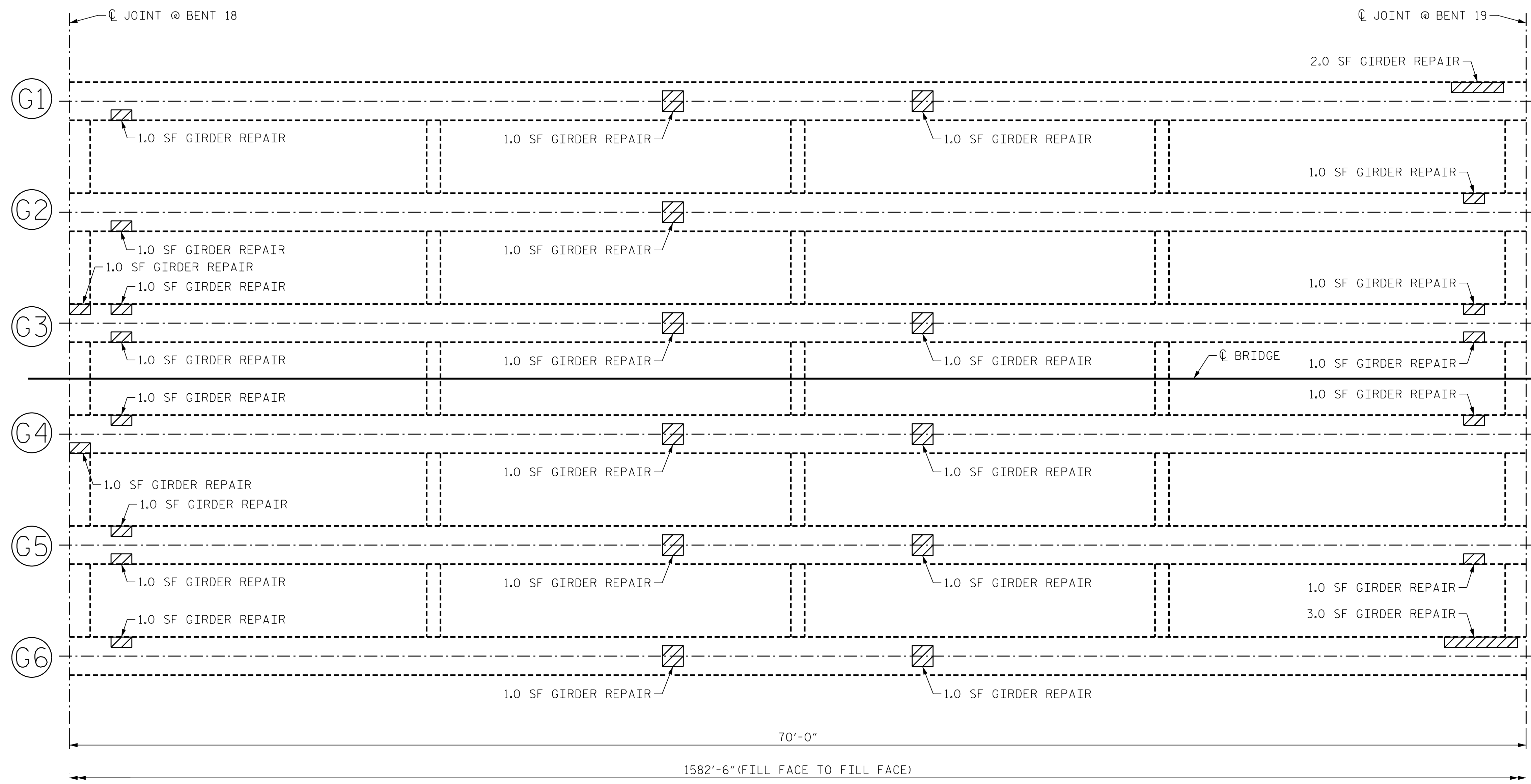
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

-  SHOTCRETE REPAIR AREA
-  GIRDER REPAIR AREA
- ① GIRDER NUMBER



SPAN S

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	31.0	4.6		

PROJECT NO. 15BPR.38

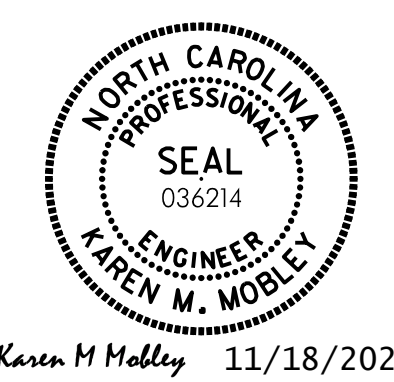
ANSON COUNTY

BRIDGE NO: 030078

SHEET 19 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

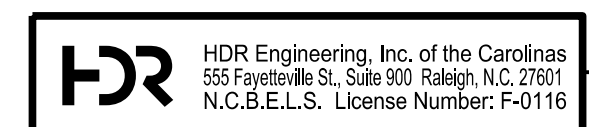
**FRAMING PLAN
SPAN S**



Karen M Mobley 11/18/2021

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

SHEET NO. S2-56
TOTAL SHEETS 97



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

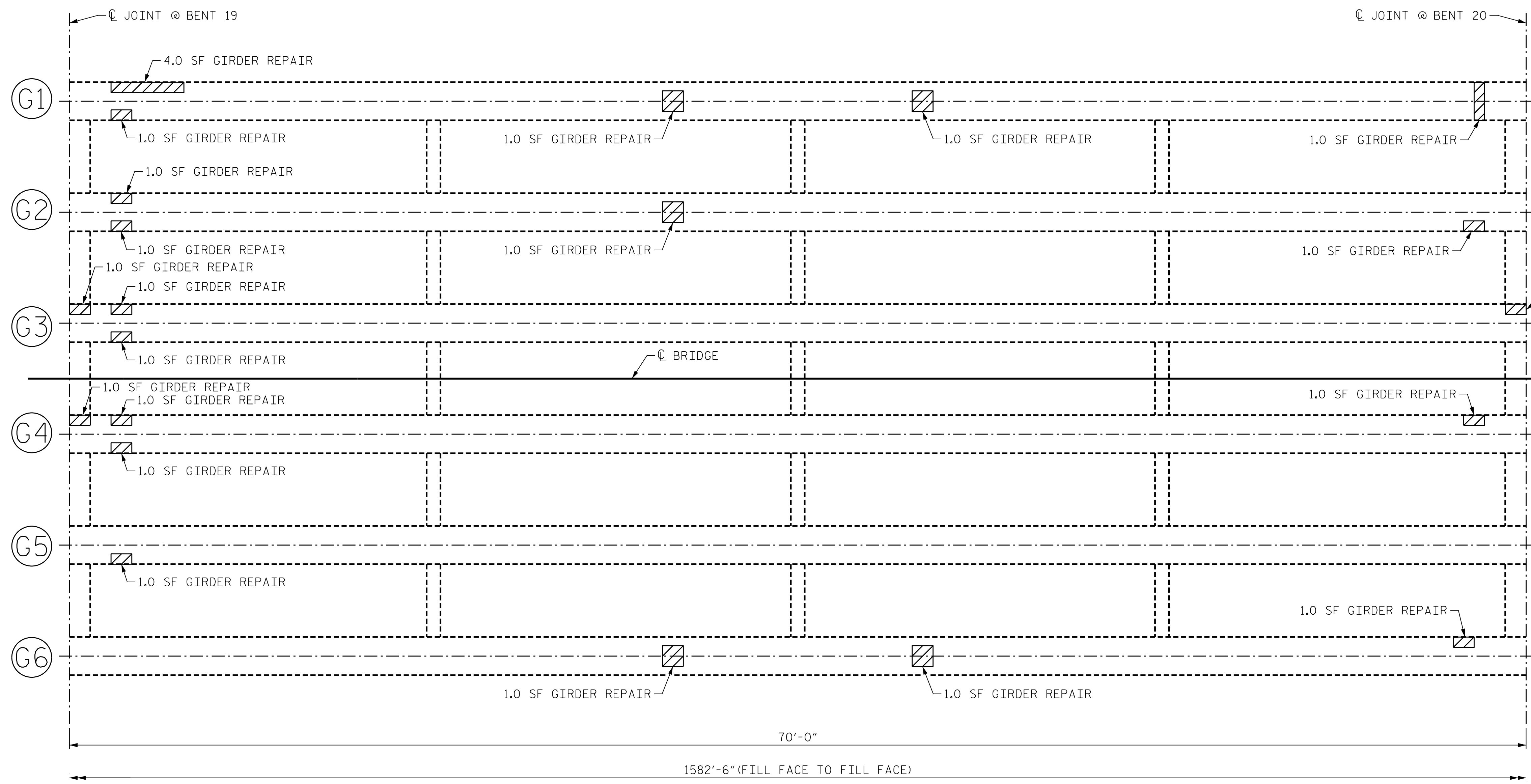
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:35:48 AM
 FILE: ... \78\Revisions\DCN\054018.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN T

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	24.0	4.1		

PROJECT NO. 15BPR.38

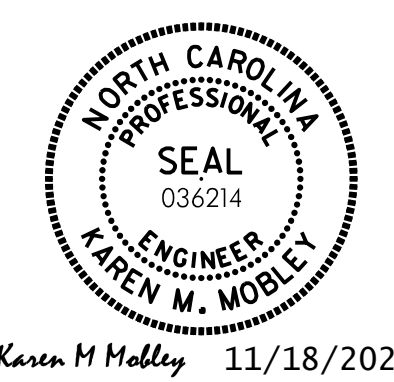
ANSON COUNTY

BRIDGE NO: 030078

SHEET 20 OF 27

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

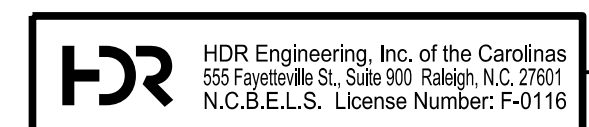
**FRAMING PLAN
SPAN T**



Karen M Mobley 11/18/2021

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

SHEET NO.
S2-57
TOTAL SHEETS
97



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

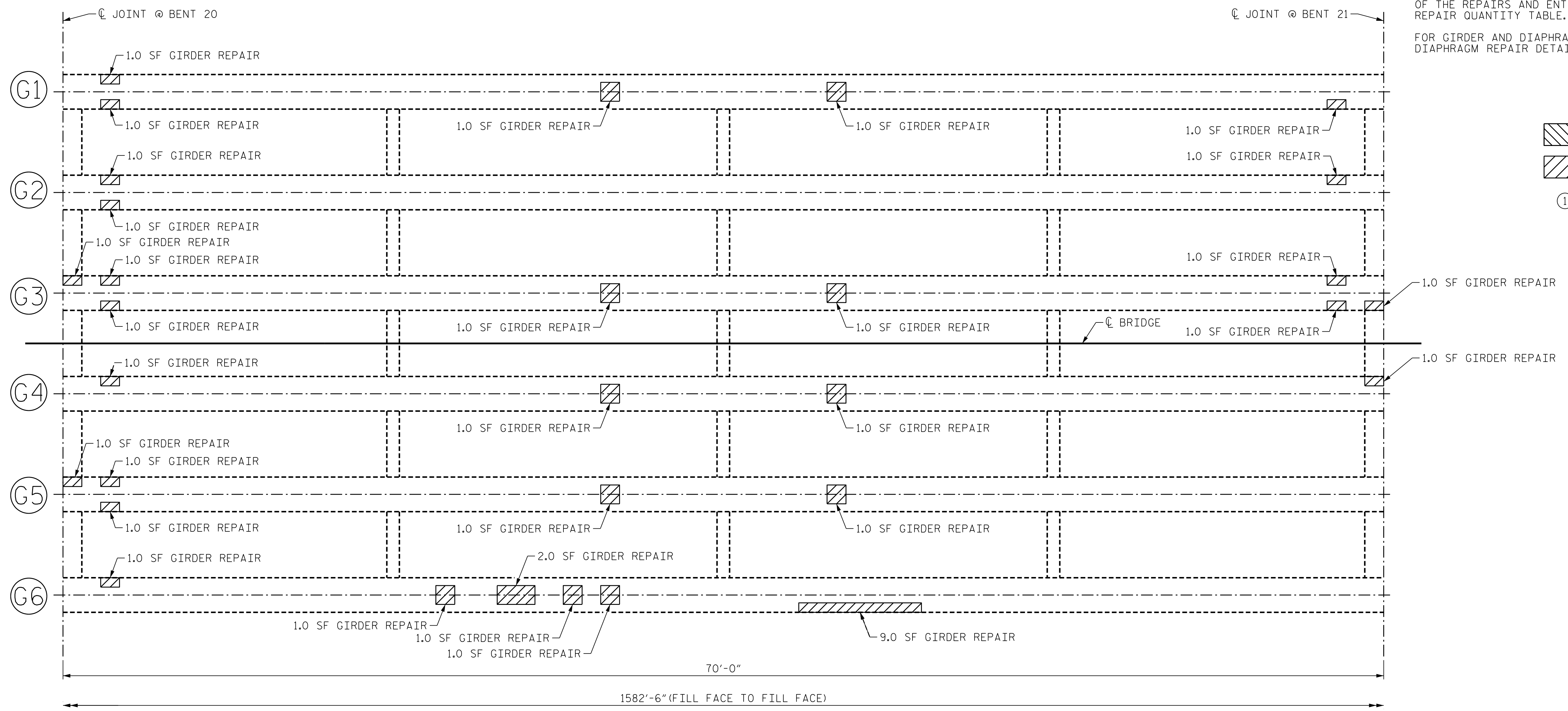
PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:37:15 AM
 FILE: ... \78\Revisions\DCN\054019.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.

FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN U

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

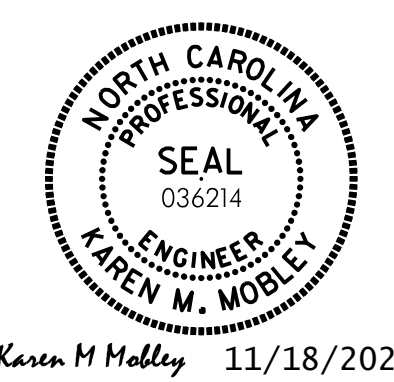
GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	40.0	5.9		

PROJECT NO. 15BPR.38

ANSON COUNTY

BRIDGE NO: 030078

SHEET 21 OF 27



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

FRAMING PLAN SPAN U

REVISIONS						SHEET NO. S2-58 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:39:15 AM
 FILE: ... \78\Revisions\DCN\0540.20.dgn

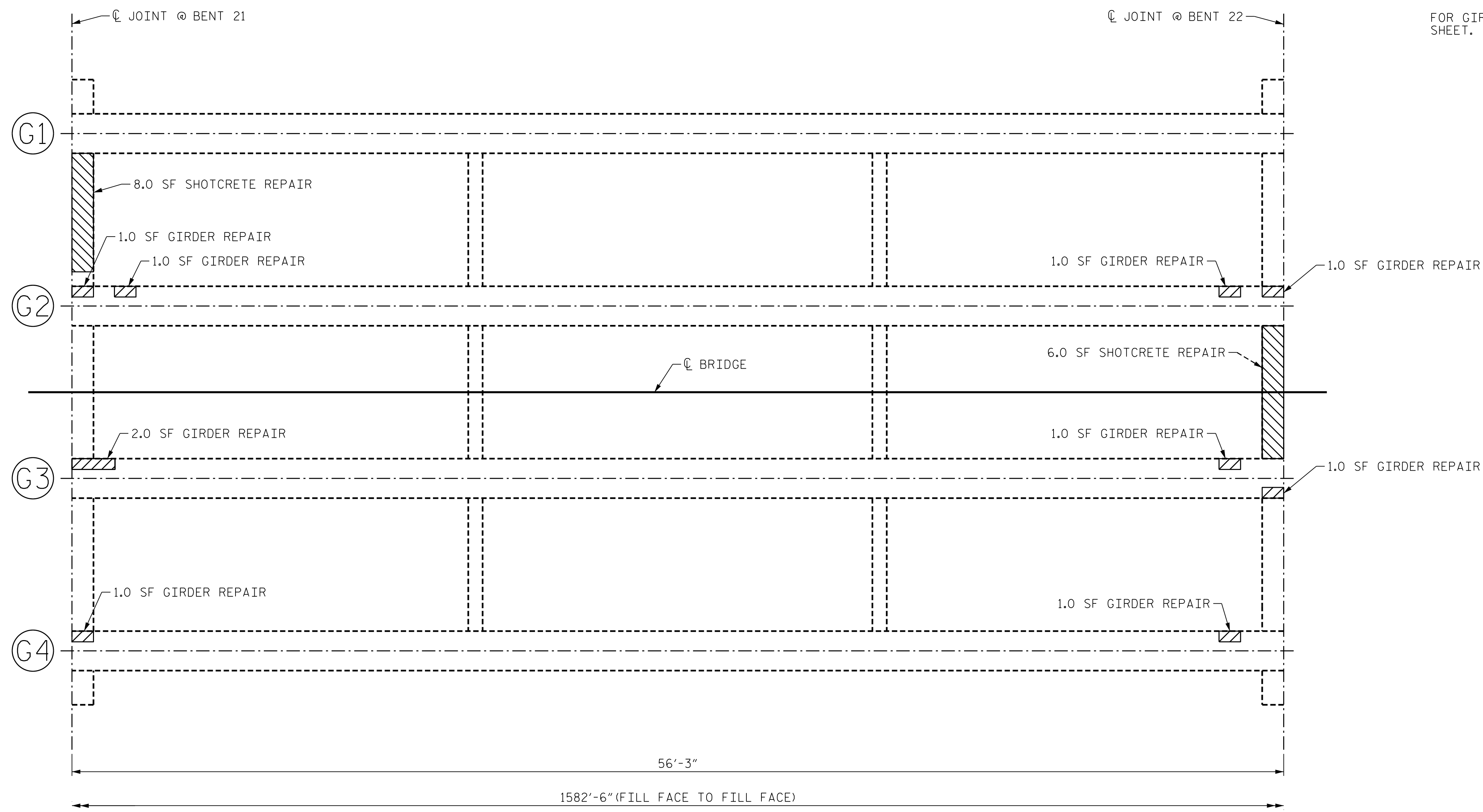
DWG BY: <u>D. CURTIS</u>	DATE: <u>01/19</u>
CHK BY: <u>K. MOBLEY</u>	DATE: <u>01/19</u>




HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



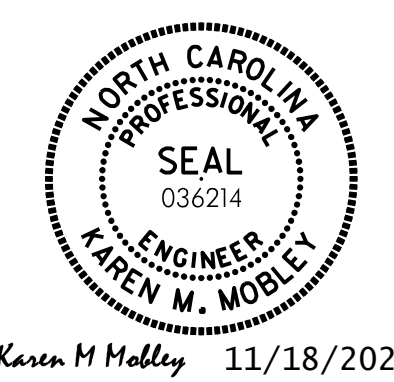
 SHOTCRETE REPAIR AREA
 GIRDER REPAIR AREA
 GIRDER NUMBER

SPAN V

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	14.0	9.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	10.0	1.3		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 22 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
FRAMING PLAN
SPAN V

REVISIONS						SHEET NO. S2-59 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:40:25 AM
 FILE: ... \78\Revisions\DCN\0540.21.dgn

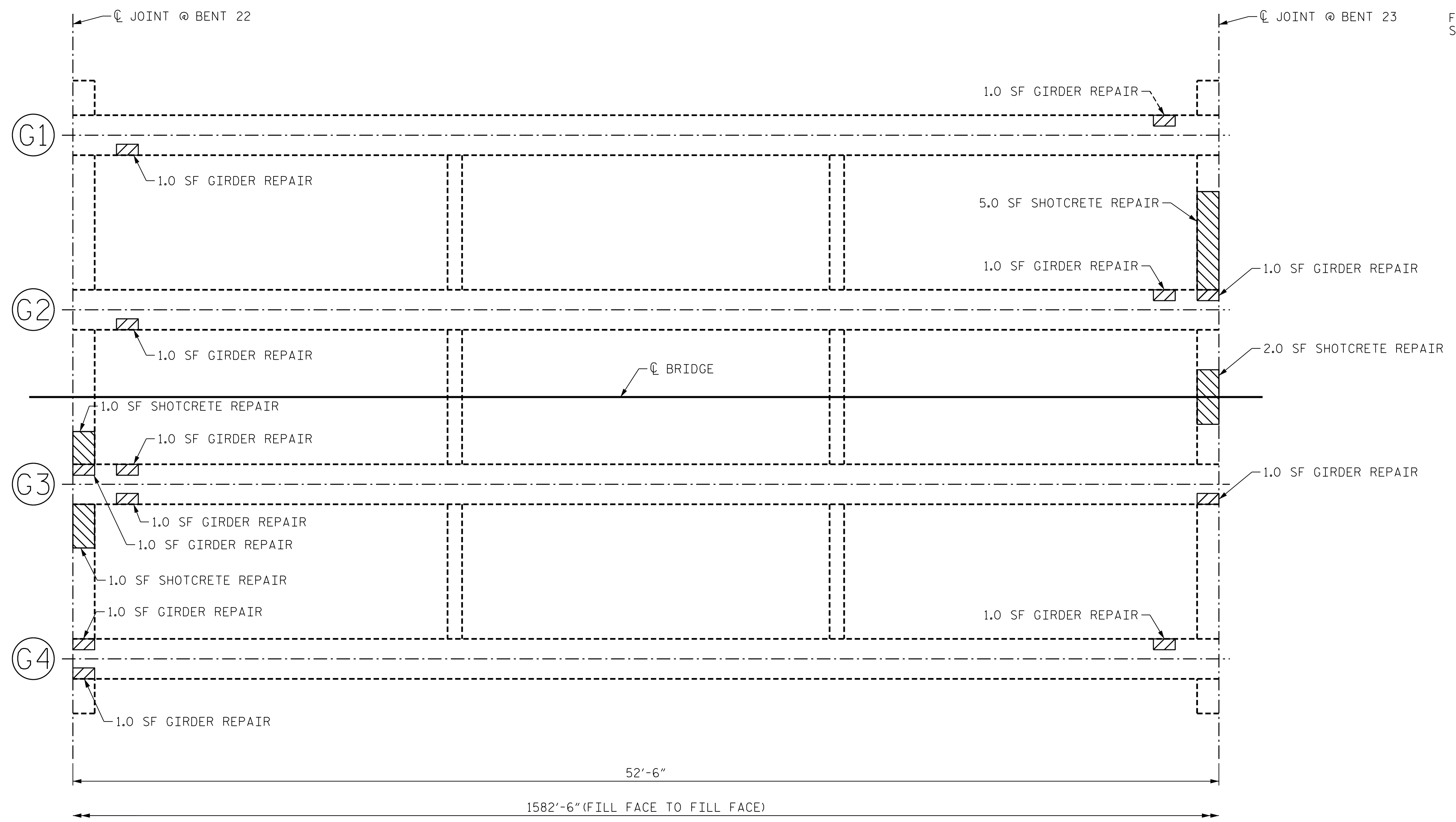
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



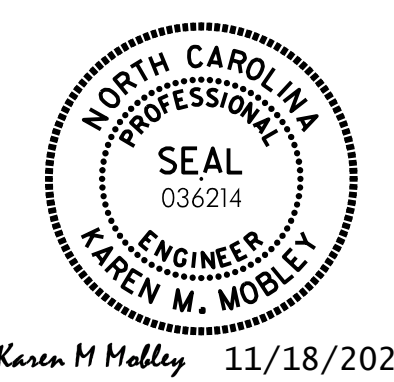
SHOTCRETE REPAIR AREA
 GIRDER REPAIR AREA
 GIRDER NUMBER

SPAN W

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	9.0	2.1		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	12.0	1.8		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 23 OF 27



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
FRAMING PLAN
SPAN W

REVISIONS						SHEET NO. S2-60 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:43:03 AM
 FILE: ... \78\Revisions\DCNN\0540.22.dgn

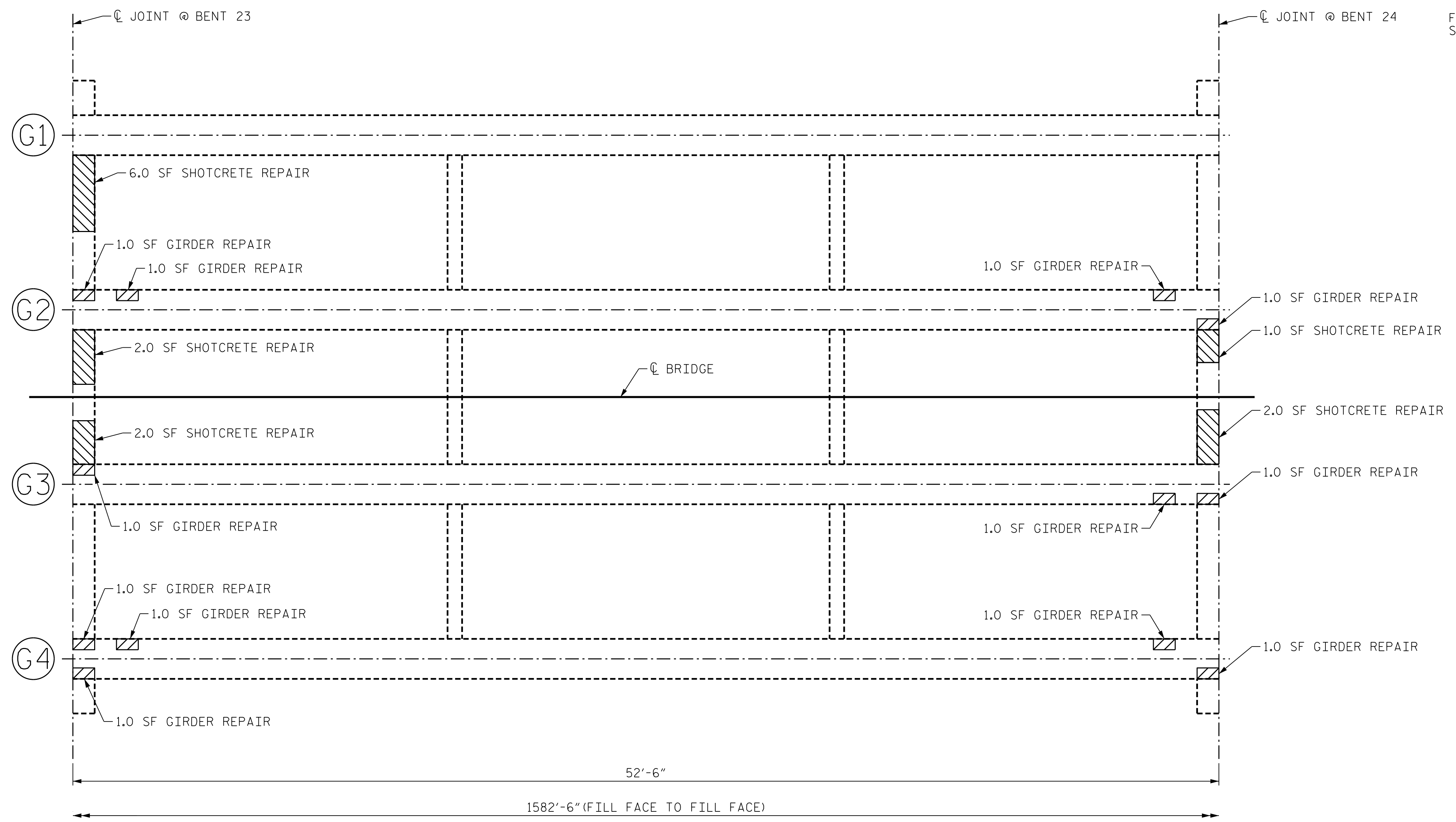
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19






DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



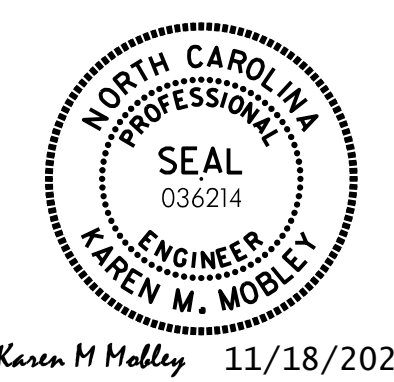
 SHOTCRETE REPAIR AREA
 GIRDER REPAIR AREA
 GIRDER NUMBER

SPAN X

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	13.0	2.8		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	12.0	1.8		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 24 OF 27

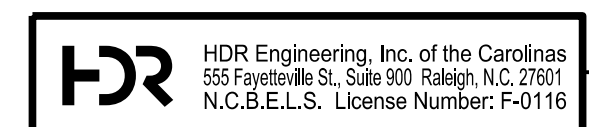


STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
FRAMING PLAN
SPAN X

REVISIONS						SHEET NO. S2-61 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:43:50 AM
 FILE: ... \78\Revisions\DCN\0540.23.dgn

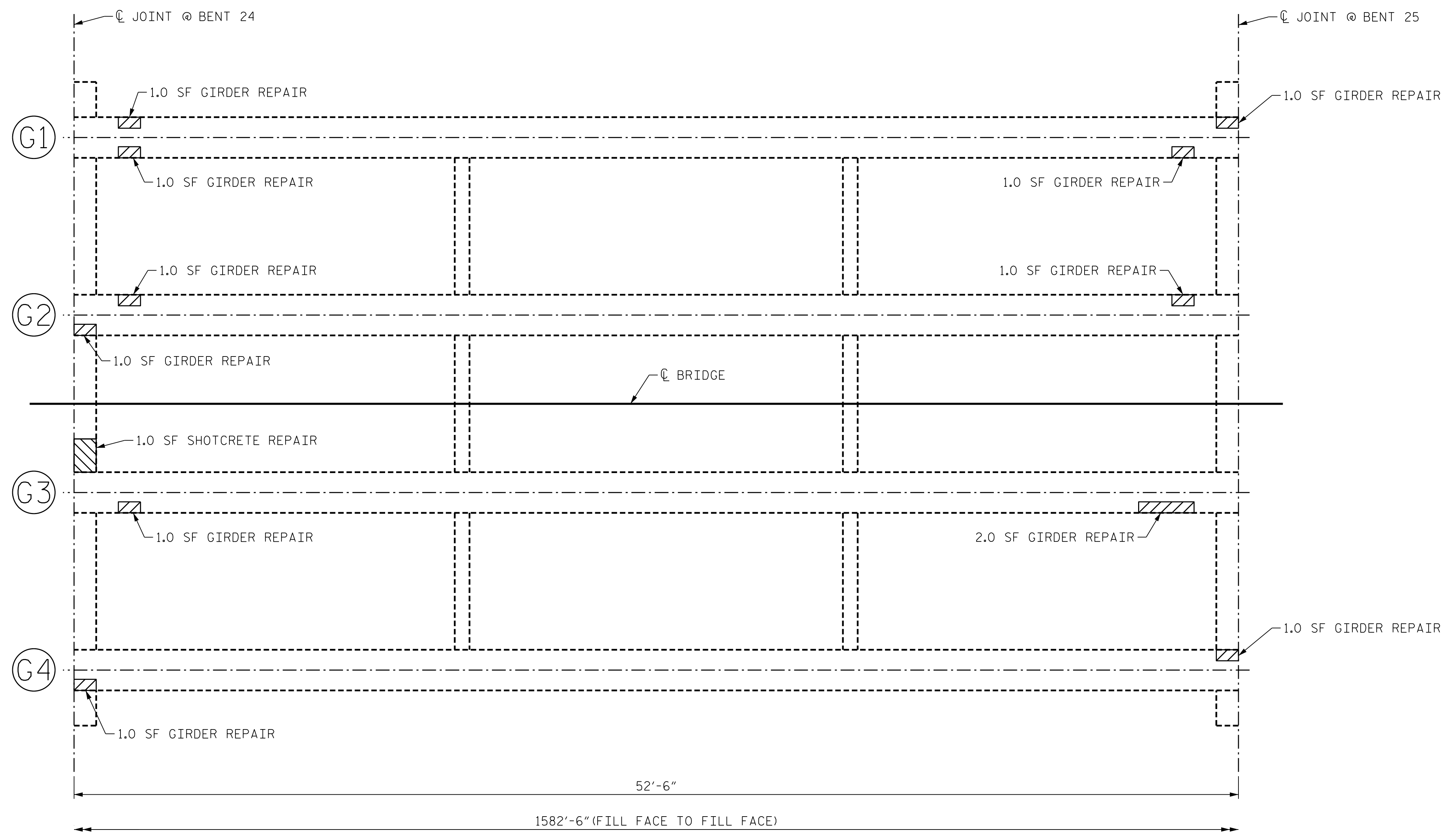
DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES

REPAIR LOCATIONS AND ESTIMATED 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. FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



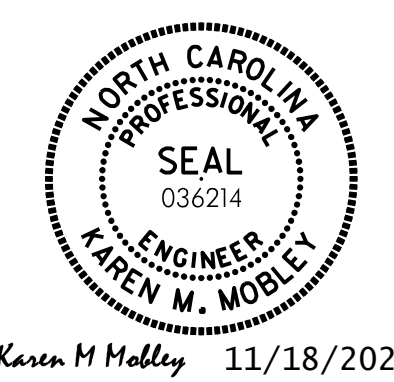
- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN Y

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	1.0	0.5		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	12.0	1.9		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 25 OF 27



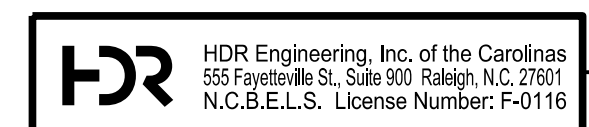
Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN Y**

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

SHEET NO. S2-62	TOTAL SHEETS 97
-----------------	-----------------



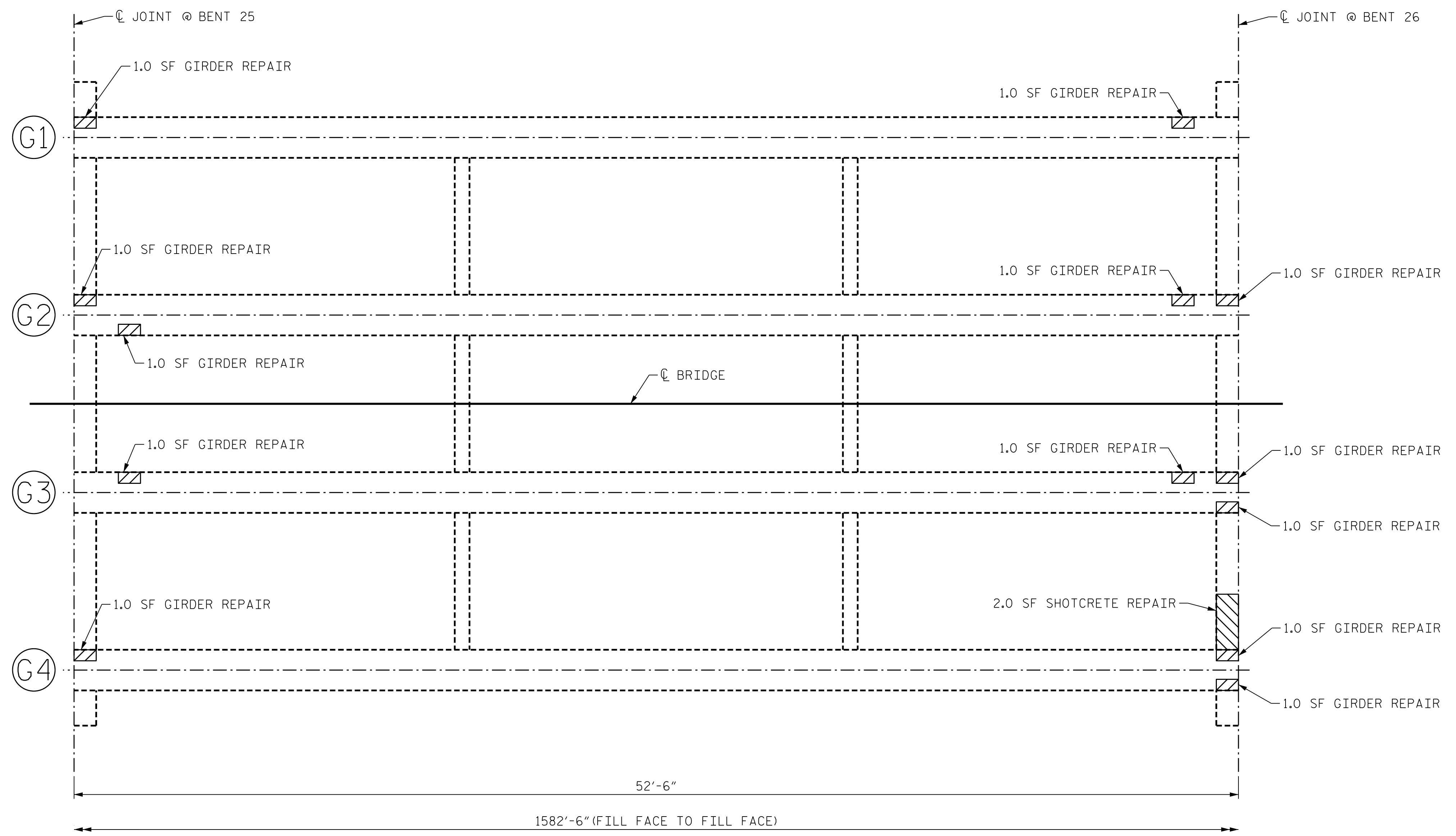
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:44:47 AM
 FILE: ... \78\Revisions\DCN\0540.24.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

NOTES

REPAIR LOCATIONS AND ESTIMATED 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.
 FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.



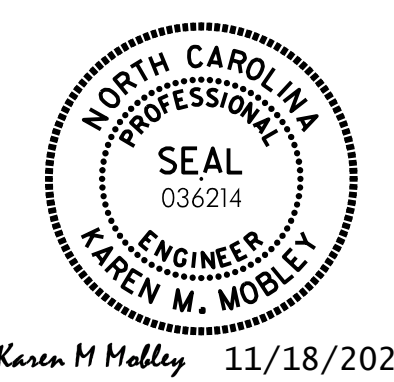
-  SHOTCRETE REPAIR AREA
-  GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN Z

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	2.0	0.6		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	13.0	2.2		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 26 OF 27



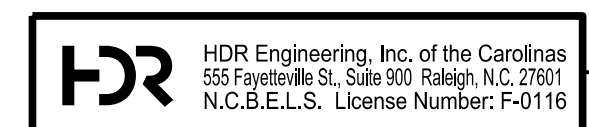
Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**FRAMING PLAN
 SPAN Z**

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

SHEET NO. S2-63
 TOTAL SHEETS 97

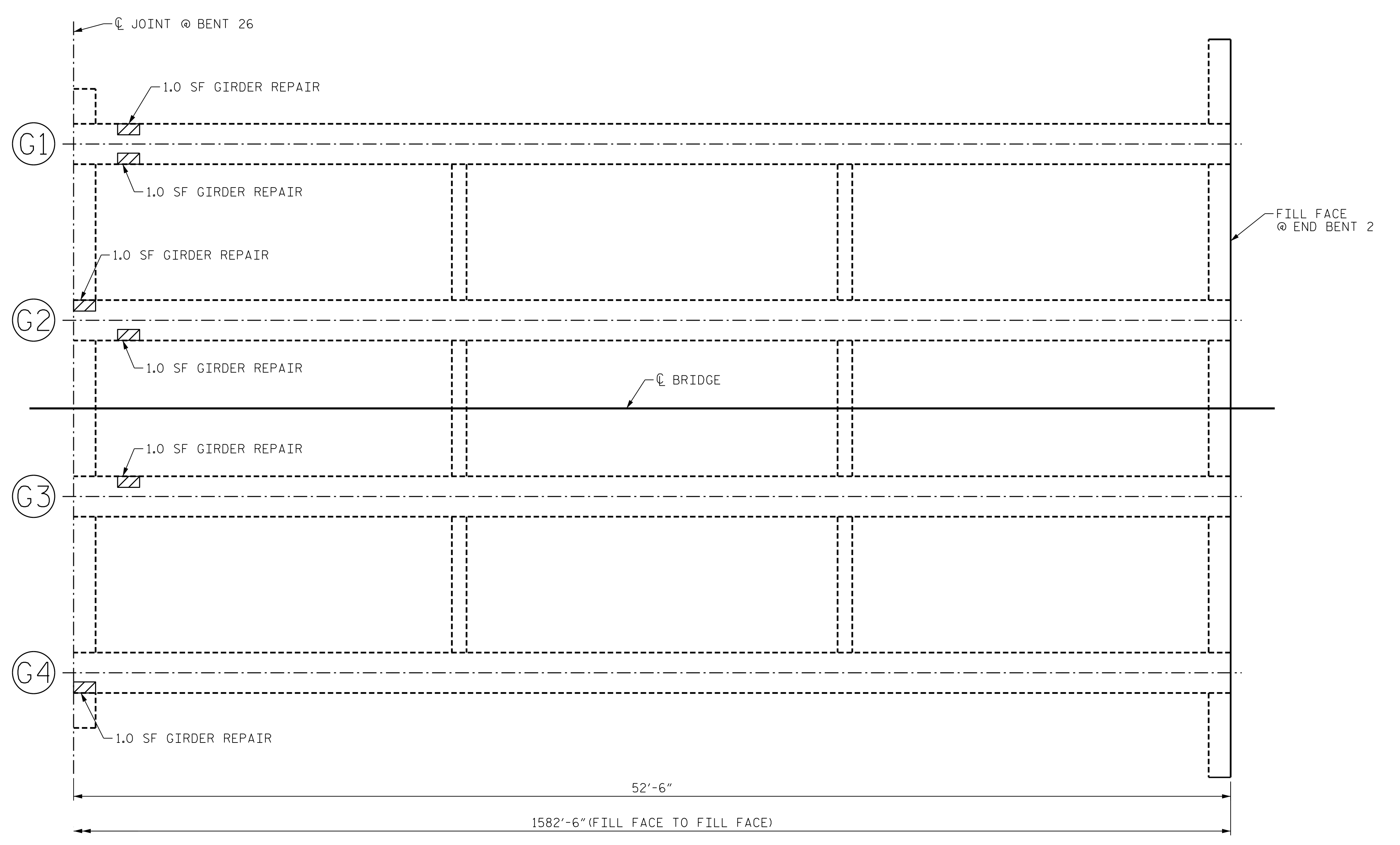


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:46:20 AM
 FILE: ... \78\Revisions\DCN\0540.25.dgn

DWG BY: D. CURTIS DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:47:10 AM
 FILE: ... \78\Revisions\DCN\0540.26.dgn



NOTES

REPAIR LOCATIONS AND ESTIMATED 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.
 FOR GIRDER AND DIAPHRAGM REPAIRS, SEE "OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS" SHEET.

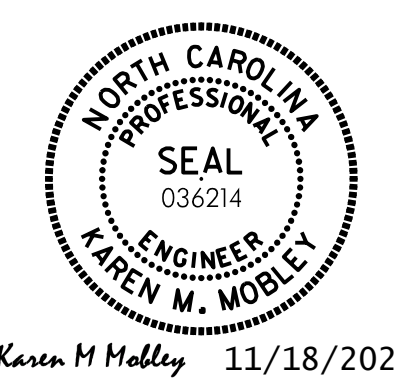
- SHOTCRETE REPAIR AREA
- GIRDER REPAIR AREA
- ① GIRDER NUMBER

SPAN ZZ

DIAPHRAGM REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
BENT DIAPHRAGM	0.0	0.0		

GIRDER REPAIRS				
	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
GIRDER	6.0	0.8		

PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078
 SHEET 27 OF 27

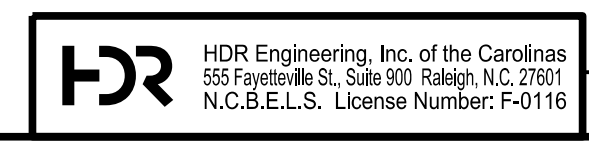


Karen M Mobley 11/18/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

FRAMING PLAN SPAN ZZ

DWG BY: D. CURTIS	DATE: 01/19
CHK BY: K. MOBLEY	DATE: 01/19

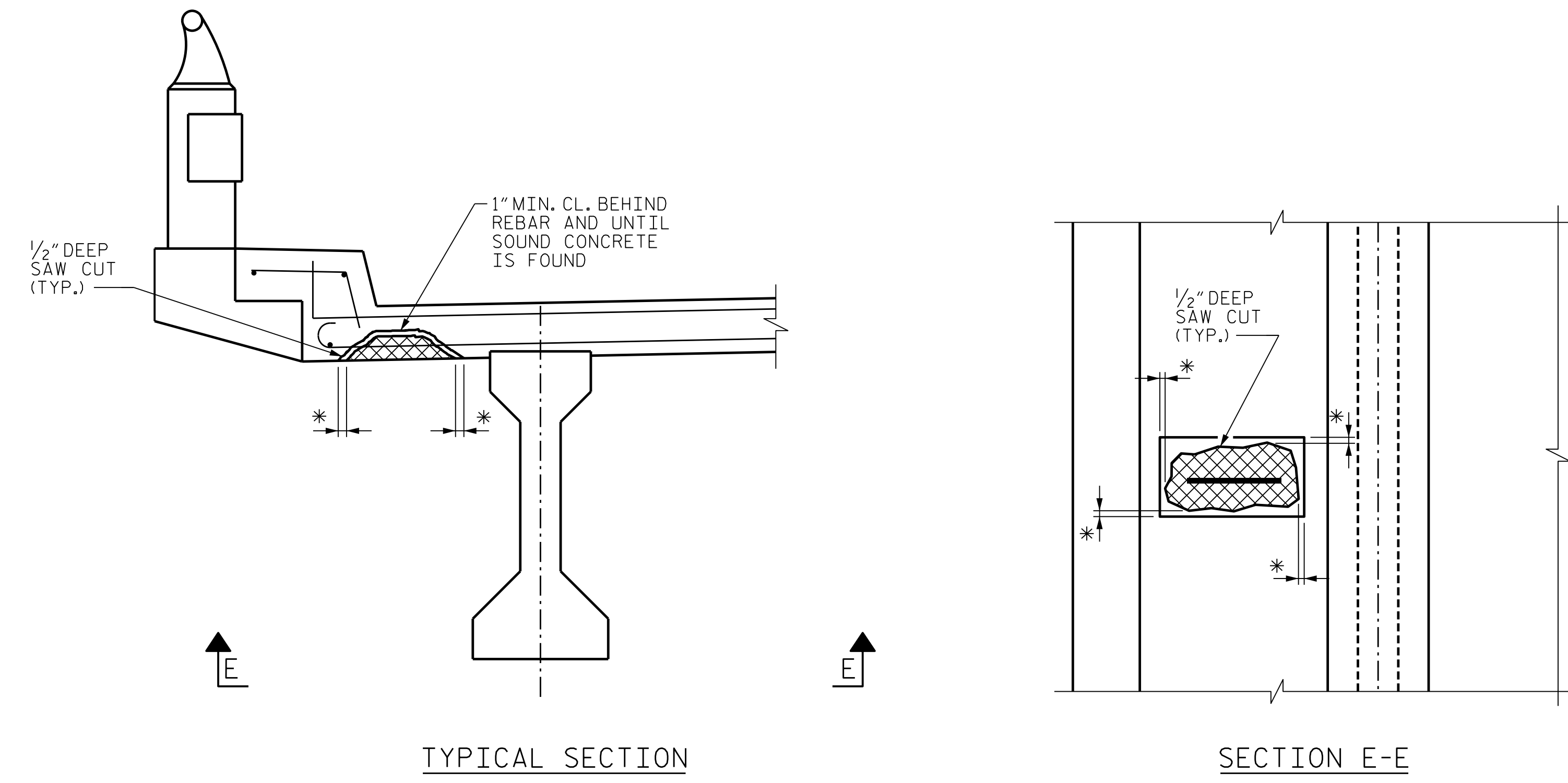


**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

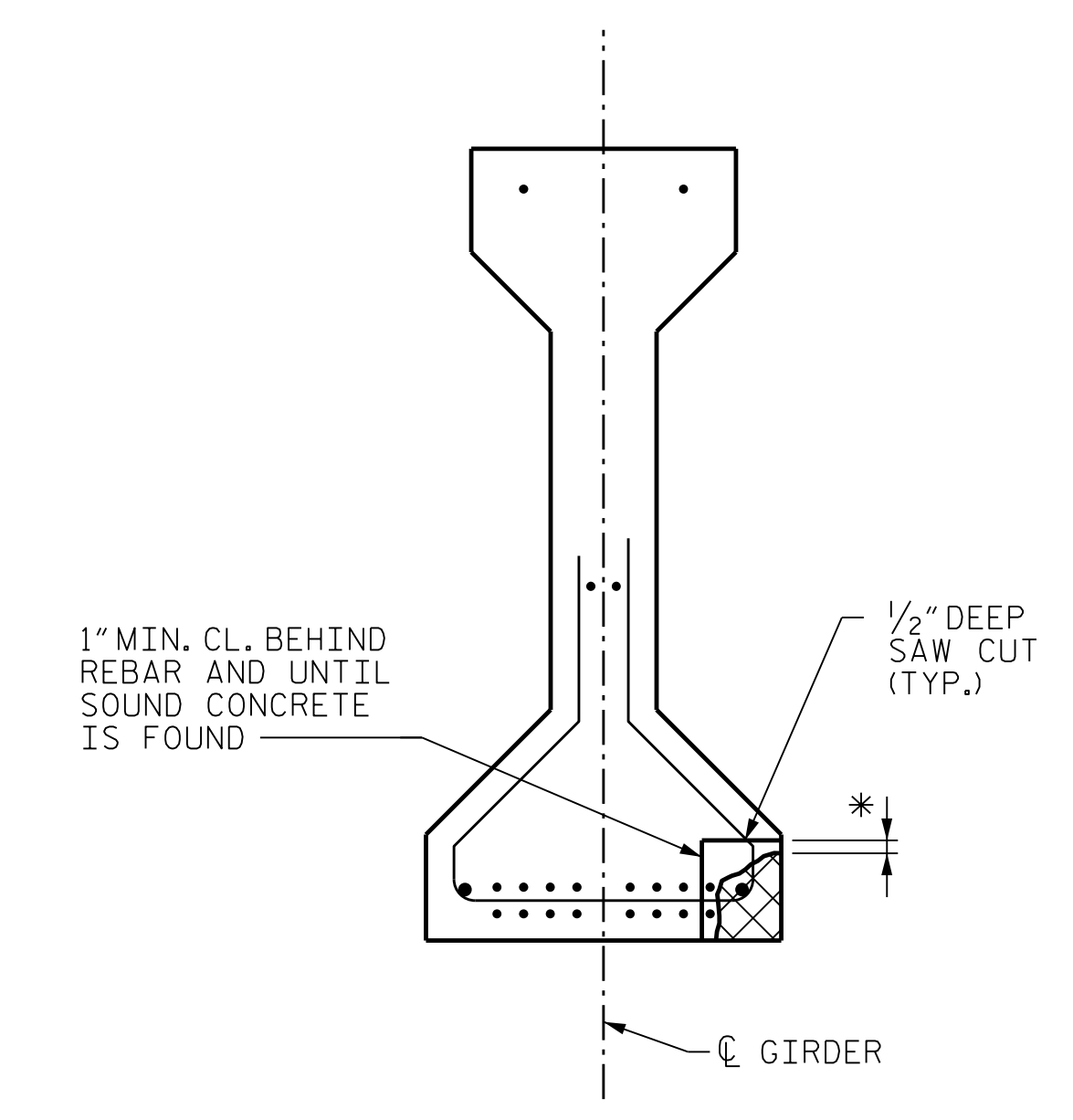
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S2-64
 TOTAL SHEETS 97

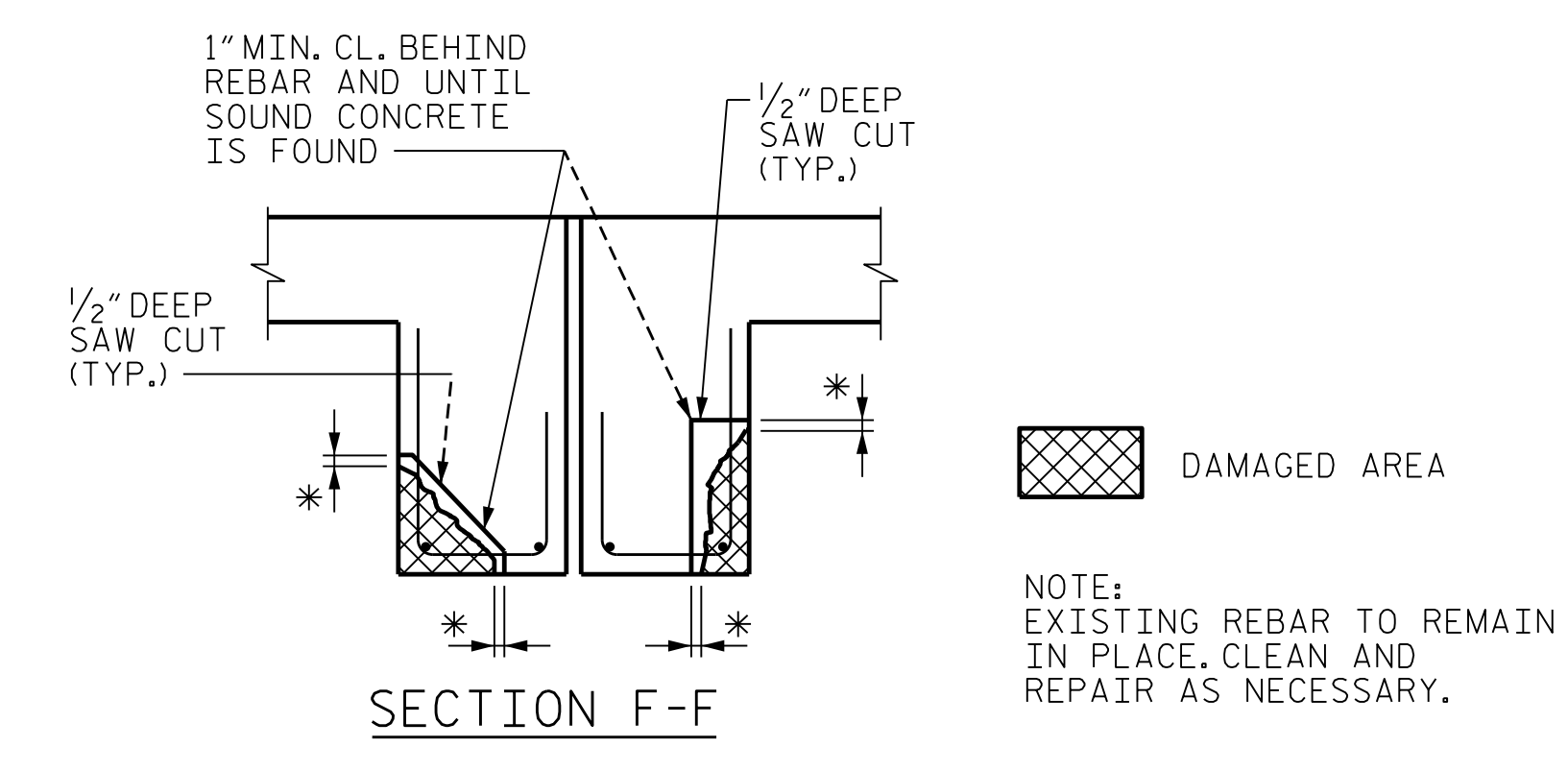
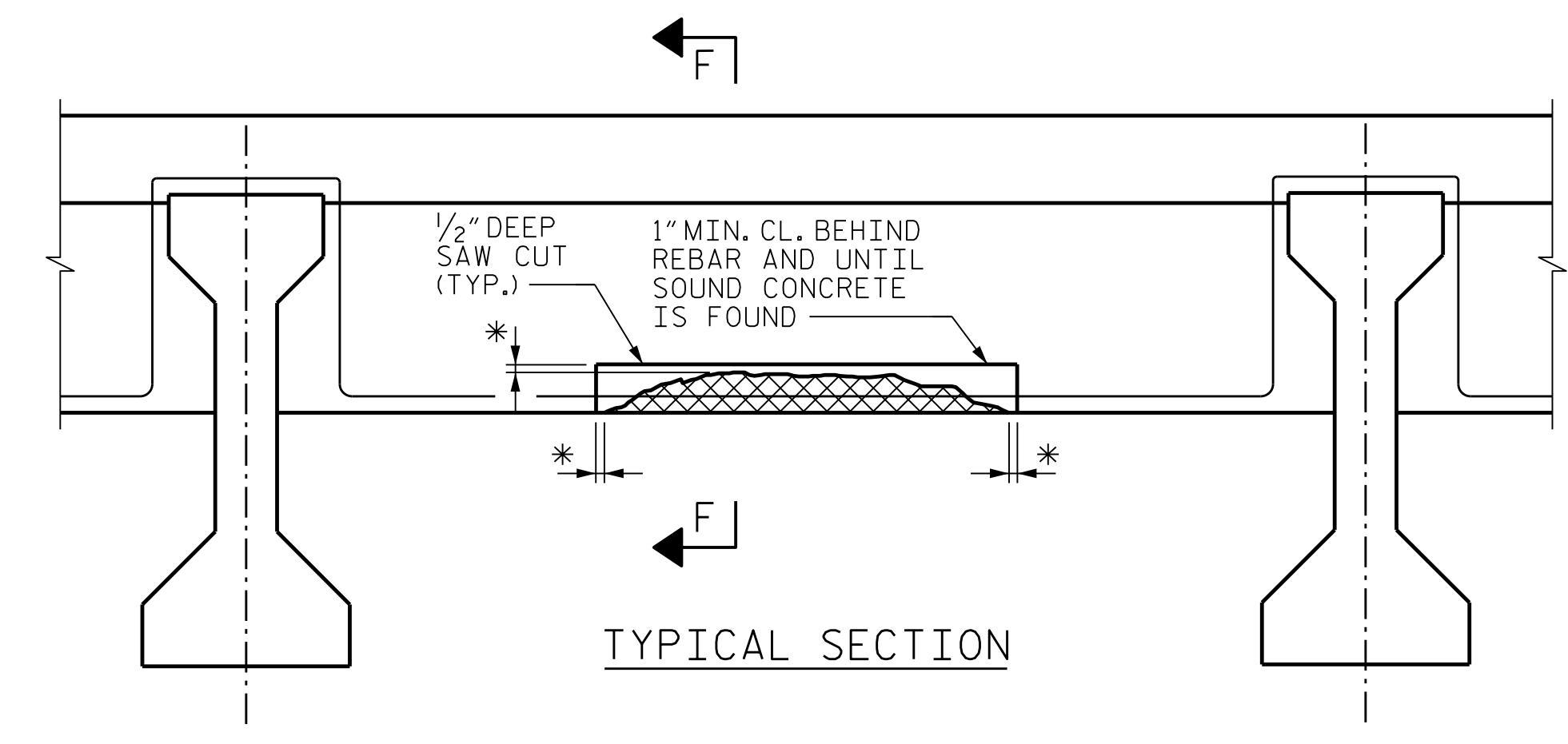
NOTES
 FOR REPAIRS TO PRESTRESSED CONCRETE GIRDERS, SEE SPECIAL PROVISIONS.



OVERHANG DETAILS
 * REMOVE CONCRETE UNTIL SOUND CONCRETE IS FOUND (2" MIN. CL.)



PRESTRESSED CONCRETE GIRDER REPAIR DETAIL
 * REMOVE CONCRETE UNTIL SOUND CONCRETE IS FOUND (2" MIN. CL.)



DIAPHRAGM REPAIR DETAILS
 * REMOVE CONCRETE UNTIL SOUND CONCRETE IS FOUND (2" MIN. CL.)

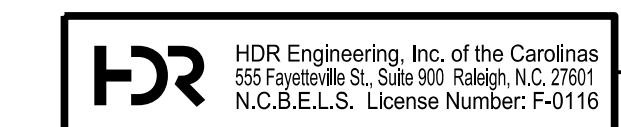
PROJECT NO. 15BPR.38
ANSON COUNTY
 BRIDGE NO: 030078



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

OVERHANG, GIRDER AND DIAPHRAGM REPAIR DETAILS

REVISIONS						SHEET NO. S2-65 TOTAL SHEETS 97
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: LZAMPETTI DATE: 11/17/2021 TIME: 11:48:06 AM
 FILE: ...78\Revisions\DCN\0550.dgn

DWG BY: D. CARTER DATE: 01/19
 CHK BY: K. MOBLEY DATE: 01/19