

**NOTES:**

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH 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 ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE TABLE ABOVE.

CRACKING LOCATIONS AND QUANTITIES FOR LOCATIONS DESCRIBED AS "SCATTERED THROUGHOUT" IN THE INSPECTION REPORT ARE BASED ON THE BEST INFORMATION AVAILABLE. THE ENGINEER AND CONTRACTOR SHALL IDENTIFY AND REPAIR ALL CRACKS  $\geq \frac{1}{16}$ " AS DESCRIBED IN THE SPECIAL PROVISIONS.

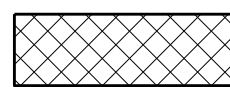

AVERAGE CONCRETE COVER IS EXPECTED AS FOLLOWS;  
DECK & DIAPHRAGMS: 2½"

FOR CONCRETE AND SHOTCRETE REPAIRS, SEE "CONCRETE RESTORATION DETAILS" SHEETS.

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

ADDITIONAL QUANTITIES OF CONCRETE REPAIR AREAS ARE ANTICIPATED. DUE TO LACK OF INFORMATION, ALL AREAS ARE NOT KNOWN. QUANTITIES ARE ANTICIPATED TO BE SUFFICIENT FOR ACTUAL QUANTITIES ENCOUNTERED.

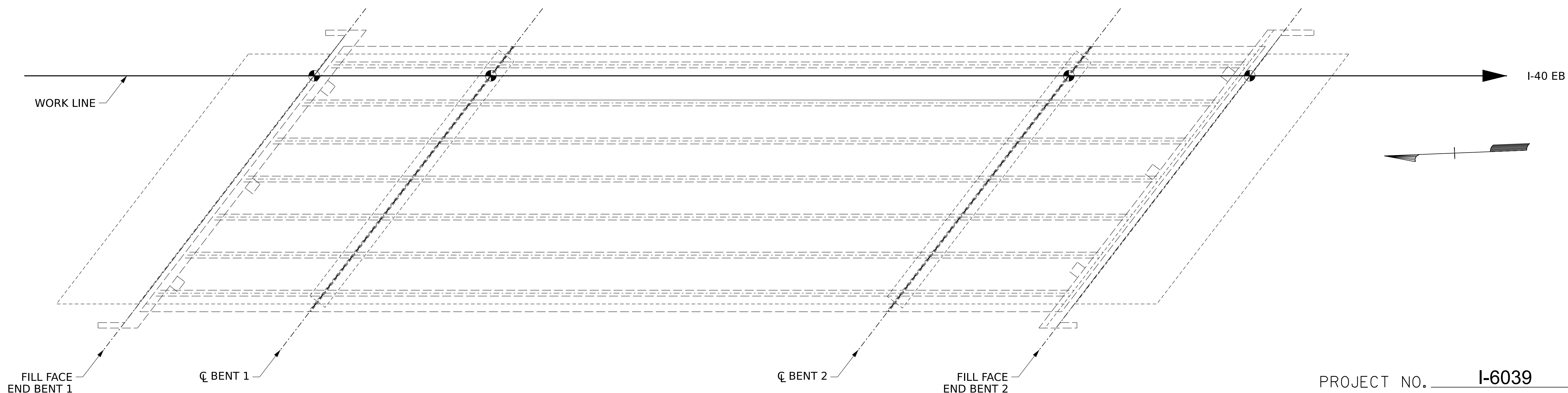
FOR BEARINGS REPAIRS, SEE BEARING REPAIR SHEETS.

LEGEND	
	SHOTCRETE REPAIR (SCR)
	EPOXY RESIN INJECTION (ERI)

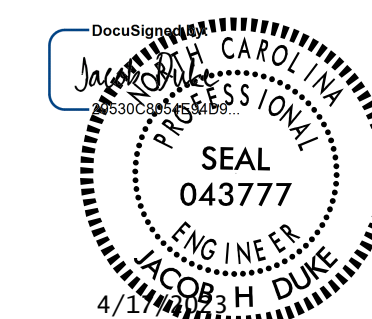
	QUANTITIES			
	ESTIMATE		ACTUAL	
<b>SHOTCRETE REPAIRS</b>	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK & OVERHANG	-	-		
DIAPHRAGMS	-	-		
RAILS	-	-		
<b>EPOXY RESIN INJECTION</b>	LIN. FT.		LIN. FT.	
DECK , DIAPHRAGMS AND RAILS	-			
GIRDERS	-			

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE. MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. FOR REPAIR DETAILS, SEE "CONCRETE RESTORATION DETAILS" SHEETS.

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION



PROJECT NO. I-6039  
NEW HANOVER COUNTY  
BRIDGE NO. 640058



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
**SUPERSTRUCTURE REPAIRS**

DRAWN BY : JASON DEBONE DATE : 01/2023  
CHECKED BY : AJ MCSWAIN DATE : 01/2023  
DESIGN ENGINEER OF RECORD: JACOB H. DUKE DATE : 01/2023

4/17/2023  
640058\_16039\_SMU\_DUR01.dgn  
jduke

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

301 FAYETTEVILLE ST., SUITE 1500  
RALEIGH, NC 27601 (919) 892-7839  
NC FIRM LICENSE: C-1506

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S3-7 TOTAL SHEETS 13
2			4			