

PLAN OF SPANS

NOTES:

- FOR JOINT INSTALLATION SEQUENCE, SEE "JOINT REPAIR DETAILS" SHEETS.
- FOR SCARIFYING BRIDGE DECK, SHOTBLASTING BRIDGE DECK, CLASS II SURFACE PREPARATION, AND CLASS III SURFACE PREPARATION, SEE OVERLAY SURFACE PREPARATION FOR POLYESTER POLYMER CONCRETE SPECIAL PROVISION.
- FOR CONCRETE DECK REPAIR FOR PPC OVERLAY, PPC MATERIALS, AND PLACING AND FINISHING PPC OVERLAY SEE POLYESTER POLYMER CONCRETE BRIDGE DECK OVERLAY SPECIAL PROVISION.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL.
- DECK WITHIN 1'-0" OF THE FINGER JOINT PLATES AND SCUPPERS SHALL BE CHIPPED WITH HAND TOOLS. CARE SHALL BE TAKEN TO NOT DAMAGE FINGER JOINT PLATES OR SCUPPERS.
- FOR PARKING AREA GRID DECK REPLACEMENT, SEE "GRID DECK REPLACEMENT, SHEET 2 OF 3."

AS-BUILT REPAIR QUANTITY TABLE		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	17,655 SY	
HYDRO-DEMOLITION	13.5 SY	
CLASS II SURFACE PREPARATION	10 SY	
CLASS III SURFACE PREPARATION	13.5 SY	
CONCRETE DECK REPAIR FOR PPC OVERLAY	10 SY	
SHOTBLASTING BRIDGE DECK	18,574 SY	
PPC MATERIALS	495 CY	
PLACING AND FINISHING PPC OVERLAY	17,655 SY	
CONCRETE DECK REPAIR FOR EPOXY OVERLAY	52 SF	
EPOXY OVERLAY	7,390 SF	
GROOVING BRIDGE FLOORS	149,300 SF	

QUANTITIES IN TABLE REPRESENT ESTIMATED VALUES OF CLASS II SURFACE PREPARATION, CLASS III SURFACE PREPARATION AND CONCRETE DECK REPAIR FOR PPC OVERLAY AFTER REMOVAL UNSOUND CONCRETE (MIN. 2" CLEAR TO SAW CUT). SEE OVERLAY SURFACE PREPARATION FOR POLYESTER POLYMER CONCRETE SPECIAL PROVISION AND EPOXY OVERLAY SPECIAL PROVISION.

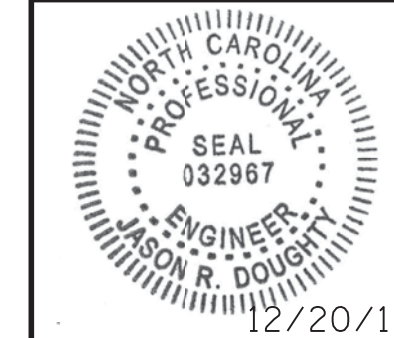
* 1" DIAMETER, FULL DEPTH HOLE TO BE FILLED WITH APPROVED NON-SHRINK GROUT, AFTER SCARIFICATION OF BRIDGE DECK, BEFORE PPC OVERLAY. COST TO BE INCIDENTAL TO CLASS II SURFACE PREPARATION.

- SCARIFICATION, SHOTBLASTING AND POLYESTER POLYMER CONCRETE (PPC) OVERLAY
- CLASS II SURFACE PREPARATION AND CONCRETE DECK REPAIR FOR PPC OVERLAY
- CLASS III SURFACE PREPARATION AND HYDRO-DEMOLITION OF BRIDGE DECK
- SHOTBLASTING AND EPOXY OVERLAY

PROJECT NO. 15BPR.15
NEW HANOVER COUNTY

STATION: _____
 SHEET 1 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
SURFACE PREPARATION AND PPC OVERLAY



DocuSigned by:
 Jason R Doughty
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			66
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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