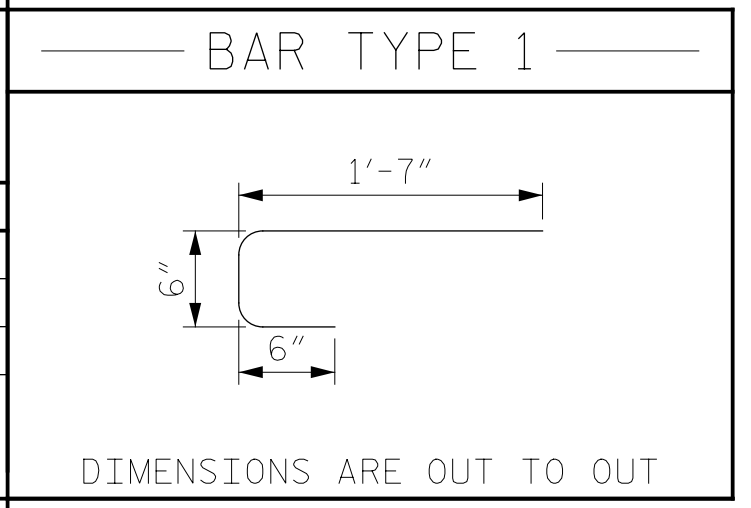


PROPOSED REBAR PLACEMENT

PROPOSED FINISHED PLAN VIEW

PLAN VIEW OF FINGER JOINT REPLACEMENT

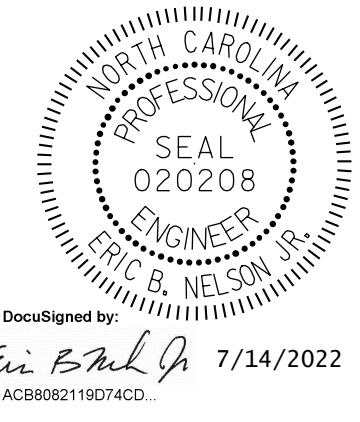
BILL OF MATERIAL PER FINGER JOINT (36 JOINTS) & TOTAL						
IDENTIFYING BENT LOCATIONS: 1, 9, 17, 25, 33, 41, 49, 57, 65, 73, 81, 89, 97, 105, 113, 121, 154, 162, 170, 178, 186, 194, 200, 208, 216, 224, 232, 240, 248, 256, 272, 280, 288, 296, 304, 312						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT PER BENT	TOTAL WEIGHT
A3	2	#5	STR.	23'-9"	50 LBS	1800 LBS
K	35	#4	1	2'-7"	61 LBS	2196 LBS
REINFORCING STEEL					111 LBS PER BENT	TOTAL: 3996 LBS
CONCRETE WORK FOR JOINT REPLACEMENT					56.5 SF PER BENT	TOTAL: 2034.0 SF
CLASS AA CONCRETE					0.9 CY PER BENT	TOTAL: 32.4 CY
ELASTOMERIC CONCRETE FOR PRESERVATION					4.0 CF PER BENT	TOTAL: 144.0 CF
PREFORMED SILICONE EXPANSION JOINT SEAL					25.4 LF PER BENT	TOTAL: 914.4 LF



- PATTERNS:
- CLASS AA CONCRETE
  - ELASTOMERIC CONCRETE

PROJECT NO. HB-0017  
DARE COUNTY  
 BRIDGE NO. 270009

SHEET 5 OF 5



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

FINGER JOINT  
 REPLACEMENT

DRAWN BY : M. SPENCER DATE : 04/2019  
 CHECKED BY : R. NELSON DATE : 04/2019



DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-111
1			3			TOTAL SHEETS
2			4			355