

LOCATION SKETCH

TOTAL BILL OF MATERIAL

	3'-6" DIA. DRILLED PIERS IN SOIL	3'-6" DIA. DRILLED PIERS NOT IN SOIL	SID INSPECTIONS	SPT TESTING	CSL TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	APPROX. 441,500 LBS STRUCTURAL STEEL	PILE DRIVING EQUIPMENT SETUP HP 12 X 53 STEEL PILES
	LF	LF	EA	EA	EA	SF	SF	CY	LS	LB	LB	LS	EA
SUPERSTRUCTURE						15,562	13,024		LS			LS	
END BENT 1								32.5		5,441			
BENT 1	38	36	1	2	1			55.5		13,045	2933		8
BENT 2	25	39	1	2	1			105.8		16,543	2267		
BENT 3	2	49	1	2	1			55.1		12,068	2430		
END BENT 2								32.3		5,439			8
TOTAL	65	124	3	6	3	15,562	13,024	281.2	LS	52,536	7630	LS	16

TOTAL BILL OF MATERIAL

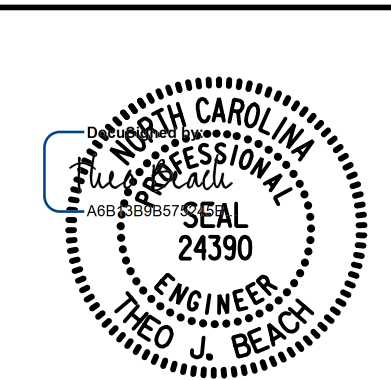
	HP 12x53 STEEL PILES	STEEL PILE POINTS	THREE BAR METAL RAIL	104" CHAIN LINK FENCE	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS	ELECTRICAL CONDUIT SYSTEM FOR SIGNALS	POLYESTER POLYMER CONCRETE OVERLAY MATERIALS	PLACING AND FINISHING FOR POLYESTER POLYMER CONCRETE OVERLAY	SHOTBLASTING BRIDGE DECK
	NO.	LF	EA	LF	SY	LS	LS	LS	CY	SY	SY
SUPERSTRUCTURE				422.50	427.83	LS	LS	LS	21.4	770.0	770.0
END BENT 1	8	200	8		325						
BENT 1											
BENT 2											
BENT 3											
END BENT 2	8	160	8		310						
TOTAL	16	360	16	422.50	427.83	LS	LS	LS	21.4	770.0	770.0

SAMPLE BAR REPLACEMENT

SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTE: SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30" (SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND Fy = 60ksi.

PLANS PREPARED BY:
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PROJECT NO. I-5711
ALAMANCE COUNTY
 STATION: STA. 27+02.26 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE ON MEBANE OAKS ROAD OVER I-40/I-85 BETWEEN SR 2033 AND SR 2210
LEFT WIDENING

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

TOTAL SHEETS 89

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTE: SEE SHEET S-76 FOR TOTAL BILL OF MATERIAL FOR PRESERVATION

DRAWN BY: S.D. COOPER DATE: 1-20
 CHECKED BY: T. BEACH DATE: 1-20
 DESIGN ENGINEER OF RECORD: T. BEACH DATE: 1-20

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