

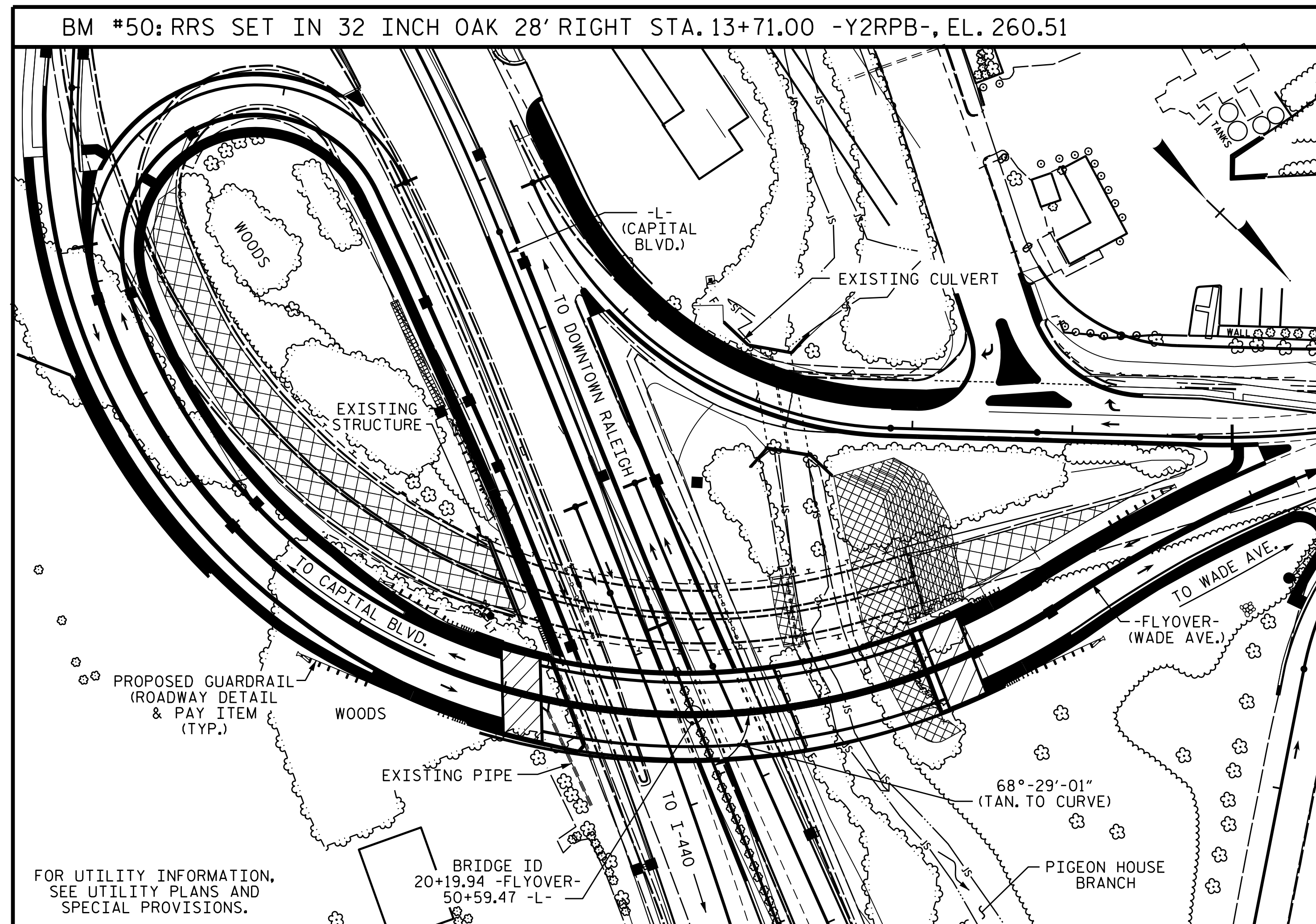
**BILL OF MATERIAL**

	REMOVAL OF EXISTING STRUCTURE	PILE EXCAVATION IN SOIL	PILE EXCAVATION NOT IN SOIL	3'-6" DRILLED PIERS IN SOIL	3'-6" DRILLED PIERS NOT IN SOIL	PDA TESTING	SID INSPECTIONS	CSL TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL
	LUMP SUM	LIN FT.	LIN FT.	LIN FT.	LIN FT.	EA.	EA.	EA.	SO. FT.	SO. FT.	CU. YDS.	LUMP SUM	LBS.
SUPERSTRUCTURE									14218	9993		LUMP SUM	
END BENT 1		44	38								45.5		5436
BENT 1				38	36						77.8		16117
BENT 2				74	34						75.2		17251
END BENT 2											44.0		5203
TOTAL	LUMP SUM	44	38	112	70	1	2	2	14218	9993	242.5	LUMP SUM	44007

**BILL OF MATERIAL**

	SPIRAL COLUMN REINFORCING STEEL	APPROX. 652000 LBS STRUCTURAL STEEL	HP 12 x 53 STEEL PILES	DECORATIVE CONCRETE PARAPET	4" SLOPE PROTECTION	DISC BEARINGS	EXPANSION JOINT SEALS	ASBESTOS ASSESSMENT	ARCHITECTURAL METAL FASCIA	CONCRETE PARAPET WITH MOMENT SLAB	PRECAST CONCRETE PANELS	
	LBS.	APPROX. LBS.	NO.	LIN FT.	LIN FT.	SO. YDS.	LUMP SUM	LUMP SUM	LUMP SUM	LIN. FT.	LIN FT.	SO. FT.
SUPERSTRUCTURE		LUMP SUM			509.82		LUMP SUM	LUMP SUM		478.75	168.79	220
END BENT 1			9	270		105						
BENT 1	2827											
BENT 2	3557											
END BENT 2			9	405		25						
TOTAL	6384	LUMP SUM	18	675	509.82	130	LUMP SUM	LUMP SUM	LUMP SUM	478.75	168.79	220

BM #50: RRS SET IN 32 INCH OAK 28' RIGHT STA. 13+71.00 -Y2RPB-, EL. 260.51



**LOCATION SKETCH**

**OVERTOPPING FLOOD DATA**

OVERTOPPING DISCHARGE ..... = N/A  
 FREQUENCY OF OVERTOPPING FLOOD ..... = N/A  
 OVERTOPPING FLOOD ELEVATION ..... = N/A

**HYDRAULIC DATA**

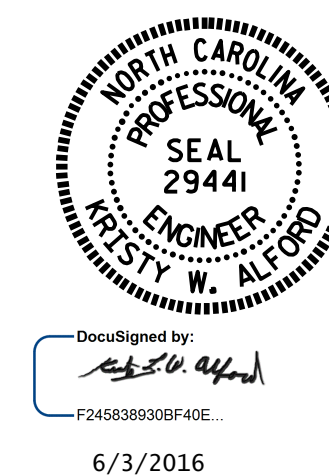
DESIGN DISCHARGE ..... = 1500 C.F.S.  
 FREQUENCY OF DESIGN FLOOD ..... = 50 YRS.  
 DESIGN HIGH WATER ELEVATION ..... = 246.2 FT.  
 DRAINAGE AREA ..... = 2.0 SQ. MI  
 BASE DISCHARGE (Q100) ..... = 1600 C.F.S.  
 BASE HIGH WATER ELEVATION ..... = 246.47 FT.

PROJECT NO. **B-5121/B-5317**

**WAKE COUNTY**

STATION: **20+19.94 -FLYOVER-**

SHEET 4 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**  
 FOR BRIDGE ON WADE AVE.  
 (US 70 / NC 50)  
 OVER CAPITAL BLVD. &  
 PIGEON HOUSE BRANCH

DRAWN BY : K.W. ALFORD DATE : 2/2016  
 CHECKED BY : I.L. AVERETTE DATE : 2/2016

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-47
2			4			110