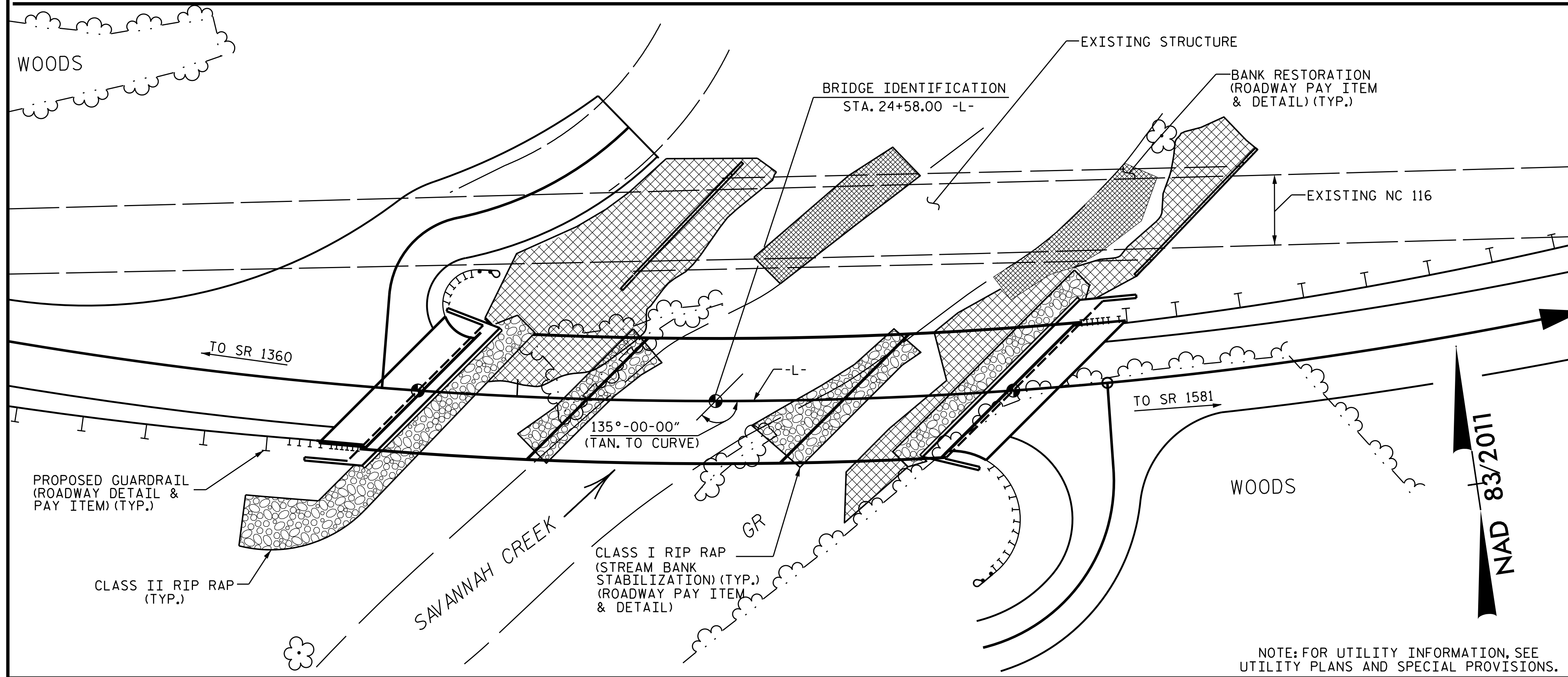


BENCHMARK #2: 8" RAILROAD SPIKE SET IN BASE OF 10" WALNUT TREE; 37' LT OF STA. 17+18.00 -L-; ELEV. 2055.26'



LOCATION SKETCH

TOTAL BILL OF MATERIAL

| ITEM | REMOVAL OF EXISTING STRUCTURE | ASBESTOS ASSESSMENT | PILE EXCAVATION IN SOIL | PILE EXCAVATION NOT IN SOIL | 4'-0" DIA. DRILLED PIERS IN SOIL | 4'-0" DIA. DRILLED PIERS NOT IN SOIL | PERMANENT STEEL CASING FOR 4'-0" DIA. DRILLED PIERS | CSL TESTING | UNCLASSIFIED STRUCTURE EXCAVATION | REINFORCED CONCRETE DECK SLAB | GROOVING BRIDGE FLOORS | CLASS A CONCRETE |
|----------------|-------------------------------|---------------------|-------------------------|-----------------------------|----------------------------------|--------------------------------------|---|-------------|-----------------------------------|-------------------------------|------------------------|------------------|
| | LUMP SUM | LUMP SUM | LIN. FT. | LIN. FT. | LIN. FT. | LIN. FT. | LIN. FT. | EA. | LUMP SUM | SQ. FT. | SQ. FT. | CU. YDS. |
| SUPERSTRUCTURE | | | | | | | | | | 6250 | 7652 | |
| END BENT 1 | | | 94.00 | 14.00 | | | | | | | | 63.3 |
| BENT 1 | | | | | 19.63 | 27.00 | 22.63 | | | | | 36.2 |
| BENT 2 | | | | | 15.61 | 25.00 | 16.61 | | | | | 35.2 |
| END BENT 2 | | | 90.00 | 20.00 | | | | | LUMP SUM | | | 70.9 |
| TOTALS | LUMP SUM | LUMP SUM | 184.00 | 34.00 | 35.24 | 52.00 | 39.24 | 1 | LUMP SUM | 6250 | 7652 | 205.6 |

| ITEM | BRIDGE APPROACH SLABS | REINFORCING STEEL | SPIRAL COLUMN REINFORCING STEEL | 45" PRESTRESSED CONCRETE GIRDERS | PILE DRIVING EQUIPMENT SETUP FOR HP 12 x 53 STEEL PILES | HP 12 x 53 STEEL PILES | TWO BAR METAL RAIL | 1'-2" x 2'-6" CONCRETE PARAPET | RIP RAP CLASS II (2'-0" THICK) | GEOTEXTILE FOR DRAINAGE | ELASTOMERIC BEARINGS | STRIP SEAL EXPANSION JOINT | | |
|----------------|-----------------------|-------------------|---------------------------------|----------------------------------|---|------------------------|--------------------|--------------------------------|--------------------------------|-------------------------|----------------------|----------------------------|----------|----------|
| | LUMP SUM | LBS. | LBS. | NO. | LIN. FT. | EA. | NO. | LIN. FT. | LIN. FT. | LIN. FT. | TONS | SQ. YDS. | LUMP SUM | LUMP SUM |
| SUPERSTRUCTURE | LUMP SUM | | | 12 | 668.32 | | | | 325.61 | 359.30 | | | | LUMP SUM |
| END BENT 1 | | 7761 | | | | 10 | 10 | 150 | | | 165 | 180 | | |
| BENT 1 | | 13332 | 1771 | | | | | | | | | | | |
| BENT 2 | | 13011 | 1672 | | | | | | | | | | | |
| END BENT 2 | | 7506 | | | | 13 | 13 | 195 | | | 70 | 80 | | |
| TOTALS | LUMP SUM | 41610 | 3443 | 12 | 668.32 | 23 | 23 | 345 | 325.61 | 359.30 | 235 | 260 | LUMP SUM | LUMP SUM |

DRAWN BY : LAB DATE : 10/22
 CHECKED BY : MGC DATE : 10/22

PROJECT NO. 17BP.14.R.204
 JACKSON COUNTY

STATION: 24+58.00-L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE OVER
 SAVANNAH CREEK
 ON NC 116 BETWEEN
 SR 1360 AND SR 1581

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 201 W. MARION ST STE 200
 SHELBY, NC 28150
 PH (704) 476-0003
 CORP. LICENSE NO.: C-0275

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