

NOTES:
 FOR GENERAL NOTES, SEE SHEET 3 OF 3.

INDEX OF DRAWINGS

- 1 GENERAL DRAWING: GENERAL PLAN AND ELEVATION (SHEET 1 OF 3)
- 2 GENERAL DRAWING: FOUNDATION LAYOUT AND FOUNDATION NOTES (SHEET 2 OF 3)
- 3 GENERAL DRAWING: LOCATION SKETCH, TOTAL BILL OF MATERIAL, AND GENERAL NOTES (SHEET 3 OF 3)
- 4 SUPERSTRUCTURE: TYPICAL SECTION
- 5 SUPERSTRUCTURE: PLAN OF SPANS A AND B
- 6 SUPERSTRUCTURE: 4'-0" x 4'-6" BOX BEAM PLAN AND ELEVATION
- 7 SUPERSTRUCTURE: 4'-0" x 4'-6" BOX BEAM DETAILS
- 8 SUPERSTRUCTURE: DIAPHRAGM DETAILS
- 9 SUPERSTRUCTURE: BOX BEAM SUMMARY AND HANDRAIL DETAILS
- 10 SUBSTRUCTURE: ABUTMENT 1 (SHEET 1 OF 3)
- 11 SUBSTRUCTURE: ABUTMENT 1 (SHEET 2 OF 3)
- 12 SUBSTRUCTURE: ABUTMENT 1 (SHEET 3 OF 3)
- 13 SUBSTRUCTURE: PIER 1 (SHEET 1 OF 2)
- 14 SUBSTRUCTURE: PIER 1 (SHEET 2 OF 2)
- 15 SUBSTRUCTURE: ABUTMENT 2 (SHEET 1 OF 3)
- 16 SUBSTRUCTURE: ABUTMENT 2 (SHEET 2 OF 3)
- 17 SUBSTRUCTURE: ABUTMENT 2 (SHEET 3 OF 3)
- 18 STANDARD: 18" STEEL PIPE PILE
- 19 STANDARD: RIP RAP DETAILS

HYDRAULIC DATA

| | |
|---------------------------|----------------|
| DESIGN DISCHARGE | = 1020 CFS |
| FREQUENCY OF DESIGN FLOOD | = 100 YR. |
| DESIGN HIGH WATER ELEV. | = 161.74 |
| DRAINAGE AREA | = 10.5 SQ. MI. |
| BASIC DISCHARGE (Q100) | = 1020 CFS |
| BASIC HIGH WATER ELEV. | = 161.74 |

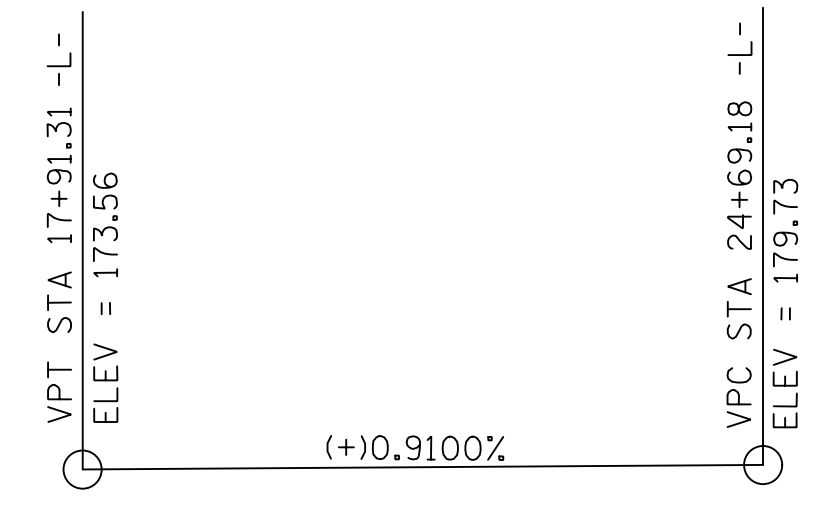
OVERTOPPING FLOOD DATA

| | |
|--------------------------------|-------------|
| OVERTOPPING DISCHARGE | = N/A |
| FREQUENCY OF OVERTOPPING FLOOD | = >500+ YR. |
| OVERTOPPING FLOOD ELEV. | = 171.74 |

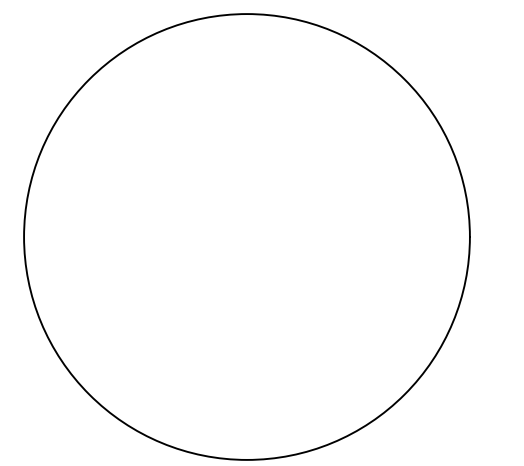
CURVE DATA -L- (102)

| |
|-------------------------|
| PIs STA. = 21+68.63 -L- |
| Δ = 1°-23'-41.7" (RT) |
| Ls = 124.00' |
| LT = 82.67' |
| ST = 41.34' |

GRADE DATA -L-



I HEREBY CERTIFY THESE PLANS ARE AS-BUILT PLANS



PROJECT NO. P-4900A
 ROBESON COUNTY
 STATION: POS 22+07.07 -L-
 MILE POST: 0.23
 SHEET 1 OF 3 BRIDGE NO. _____

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 BRIDGE ON PROPOSED
 CONNECTING TRACK OVER BEAR
 SWAMP BETWEEN
 ST. ANNA RD (SR 1515) AND
 UNION CHAPEL RD (SR 1563)

DocuSigned by:
Paul J. Barber
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 12916
 PAUL J. BARBER
 2/27/2015

DocuSigned by:
David W. Hawkins
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 27812
 DAVID W. HAWKINS
 2/27/2015

| | | | |
|--------------|------------|---------------------------------------------------------------------------------------------------------|-------|
| HNTB | | HNTB NORTH CAROLINA, P.C. License No. C-1554 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609 | |
| DRAWN BY | M. WRIGHT | DATE | 7/14 |
| CHECKED BY | D. HAWKINS | DATE | 10/14 |
| DWG. NO. 1 | | REVISIONS | |
| NO. | BY: | DATE: | NO. |
| 1 | | | 3 |
| 2 | | | 4 |
| SHEET NO. | | | S-1 |
| TOTAL SHEETS | | | 54 |

PLAN

NOTES: PILES NOT SHOWN FOR CLARITY.
 WORKLINE SHALL BE THE -L- LINE LONG CHORD BETWEEN ABUTMENT WORK POINTS.

