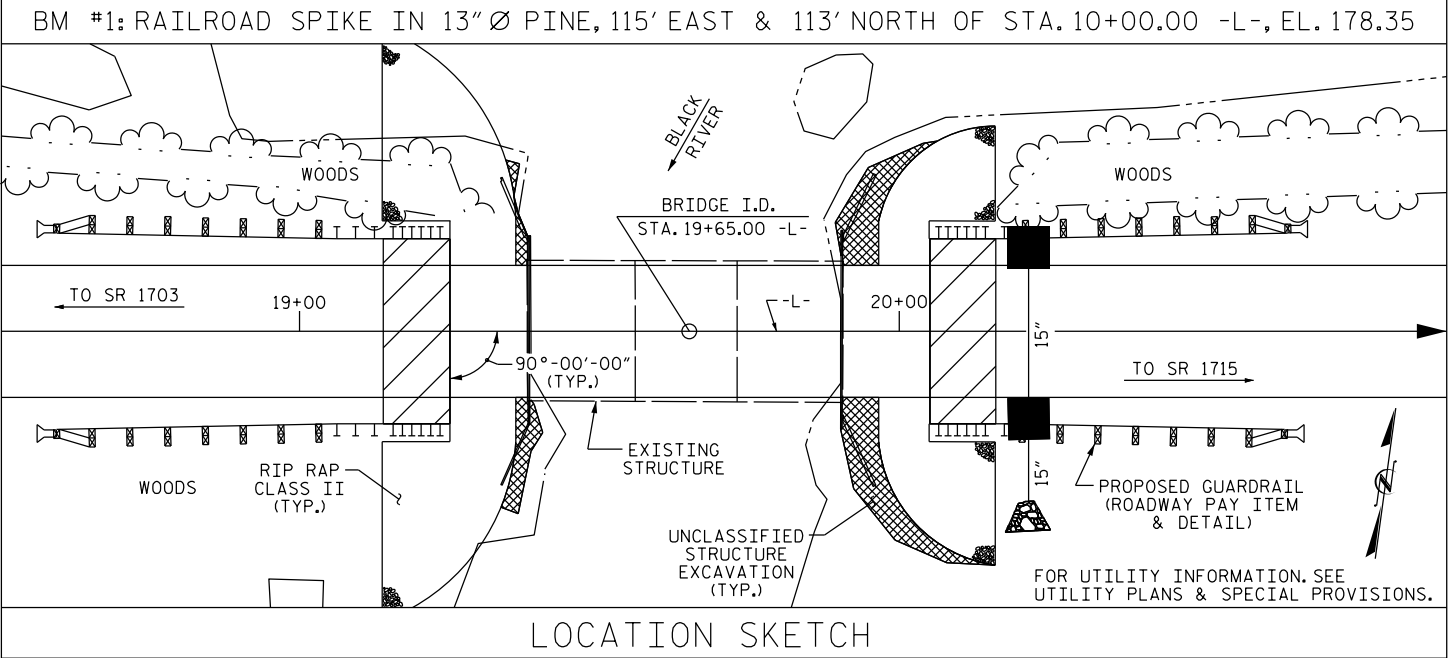




HYDRAULIC DATA

DESIGN DISCHARGE = 2200 C.F.S.
FREQUENCY OF DESIGN FLOOD = 25 YRS.
DESIGN HIGH WATER ELEVATION = 177.4
DRAINAGE AREA = 37.4 SQ. MI.
BASE DISCHARGE(0100) = 3300 C.F.S.
BASE HIGH WATER ELEVATION = 178.3

OVERTOPPING DATA

OVERTOPPING DISCHARGE = 5575 C.F.S.
FREQUENCY OF OVERTOPPING FLOOD = 500+ YRS.
OVERTOPPING FLOOD ELEVATION = 179.2± *

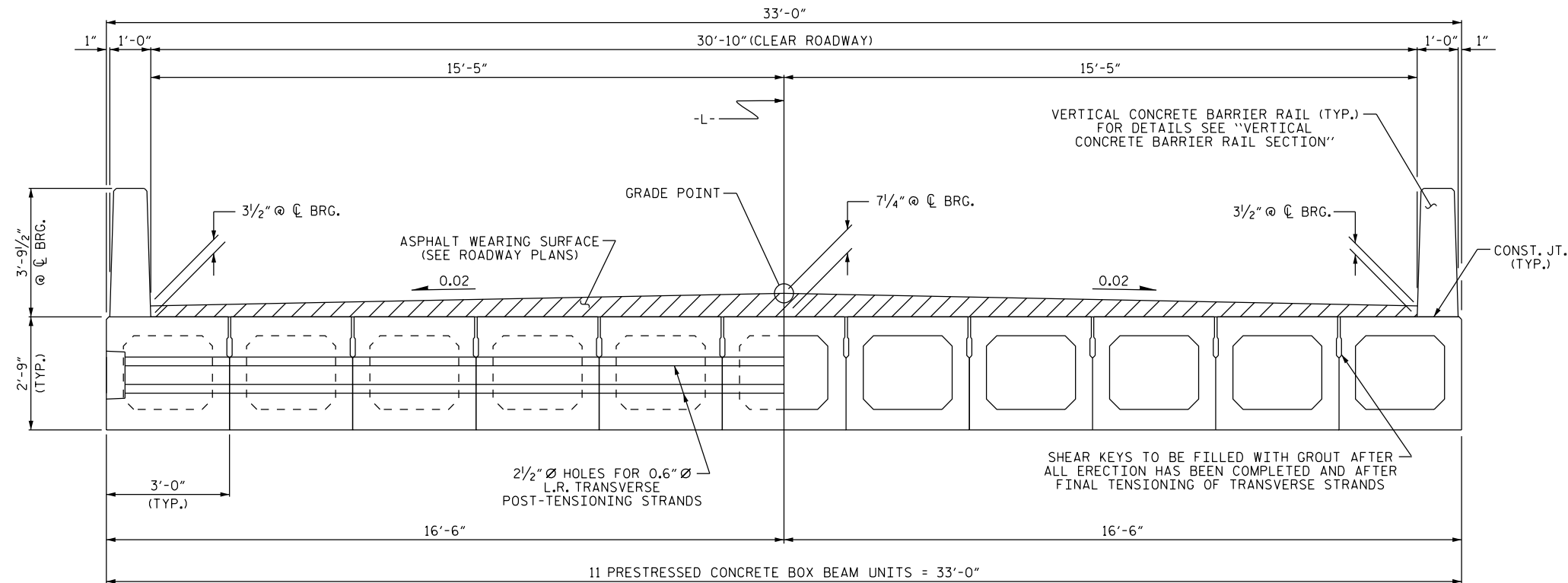
* ROADWAY OVERTOPPING ELEVATION

NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

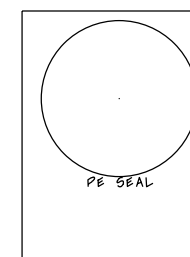
THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PROJECT NO. B-4544
HARNETT COUNTY
STATION: 19+65.00 -L-

SHEET 2 OF 2



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
PRELIMINARY
GENERAL DRAWING
FOR BRIDGE OVER BLACK RIVER
ON SR 1722 (THREE BRIDGE RD.)
BETWEEN SR 1703 (RED HILL
CHURCH RD.) & SR 1715
(MEADOWLARK RD.)

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

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

DRAWN BY : M.K. BEARD DATE : 9/30/16
CHECKED BY : J.P. MCCARTHA DATE : 10/24/16
DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE : 10/31/16

*****SYSTEM*****
*****DGN*****
*****USERNAME*****

STR. #2