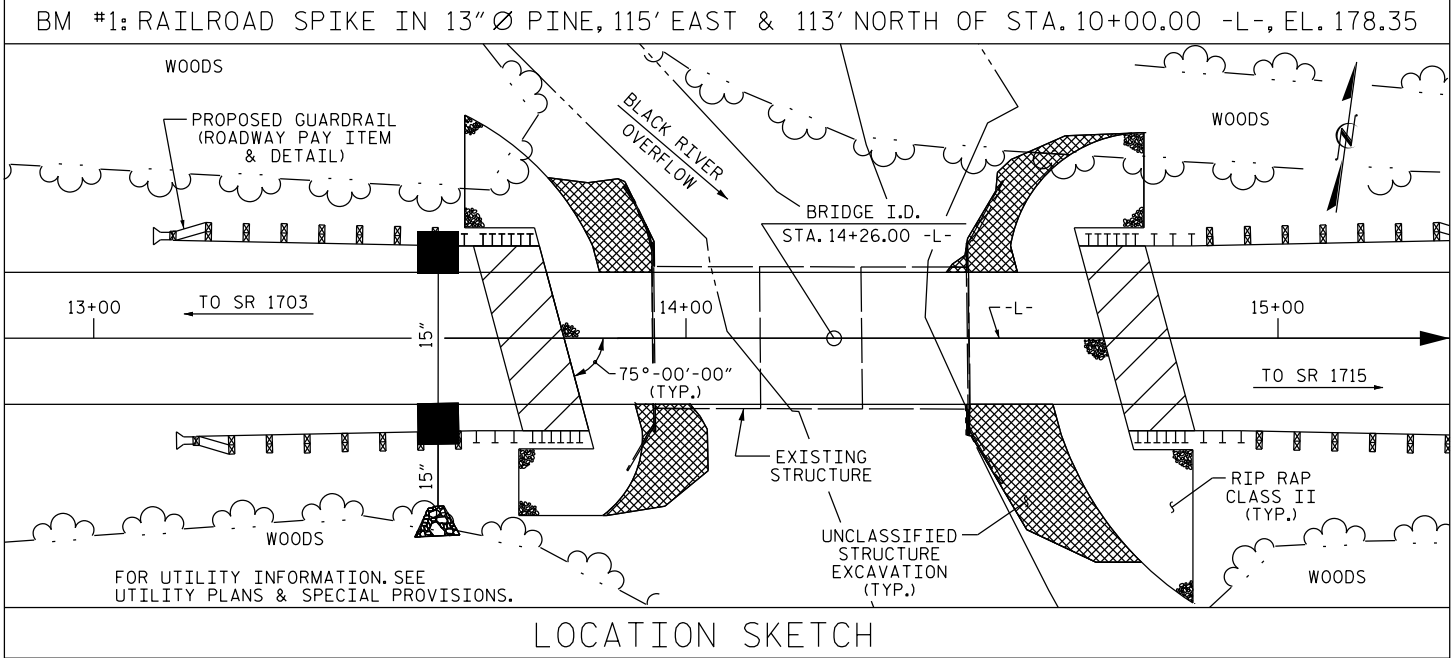




HYDRAULIC DATA	
DESIGN DISCHARGE	= 2200 C.F.S.
FREQUENCY OF DESIGN FLOOD	= 25 YRS.
DESIGN HIGH WATER ELEVATION	= 177.4
DRAINAGE AREA	= 37.4 SQ. MI.
BASE DISCHARGE(Q100)	= 3300 C.F.S.
BASE HIGH WATER ELEVATION	= 178.3

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

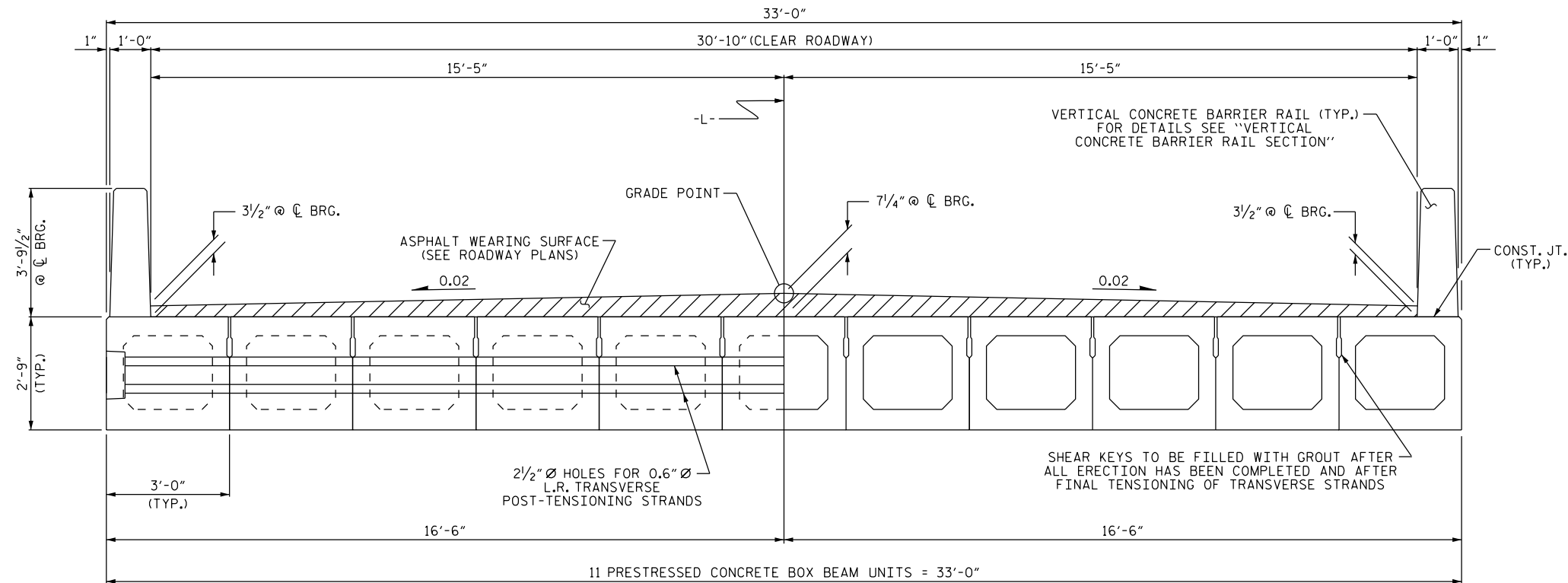
* ROADWAY OVERTOPPING ELEVATION

NOTES

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

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

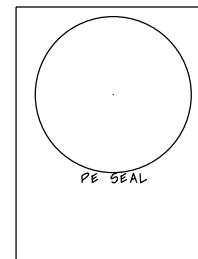
THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PROJECT NO. B-4544
HARNETT COUNTY
STATION: 14+26.00 -L-

SHEET 2 OF 2



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						
PRELIMINARY GENERAL DRAWING FOR BRIDGE OVER BLACK RIVER OVERFLOW ON SR 1722 (THREE BRIDGE RD.) BETWEEN SR 1703 (RED HILLCHURCH RD.) & SR 1715 (MEADOWLARK RD.)						
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			4

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

DRAWN BY : M.K. BEARD DATE : 9/30/16
CHECKED BY : J.P. McCARTHA DATE : 10/21/16
DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE : 10/31/16

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

STR. #1