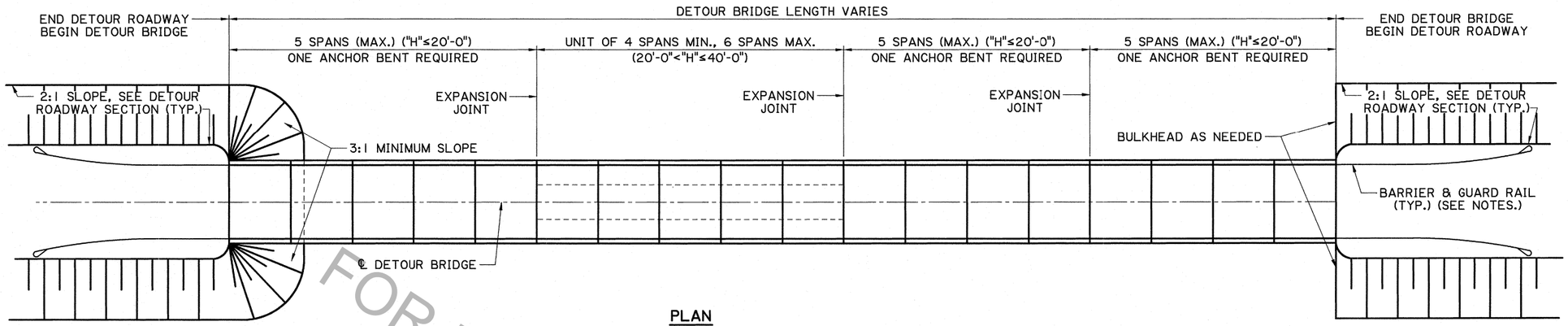
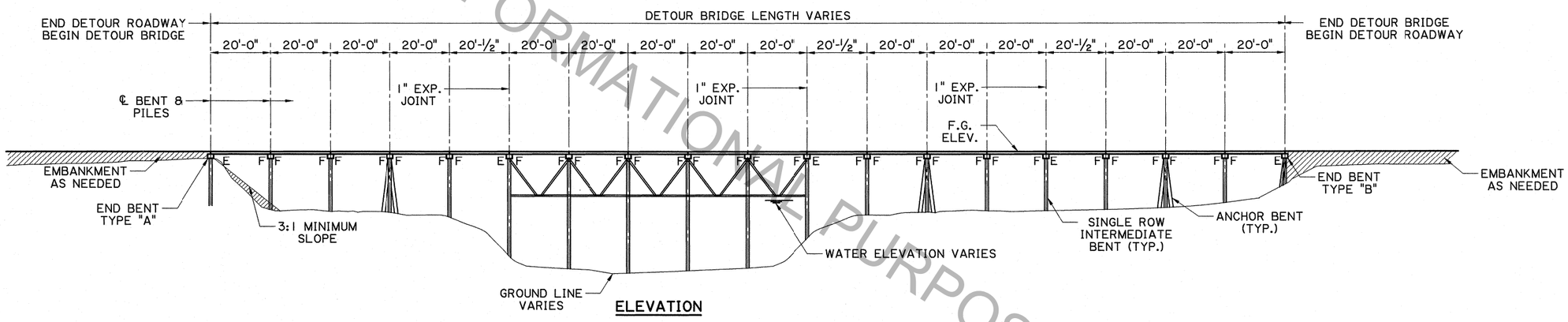
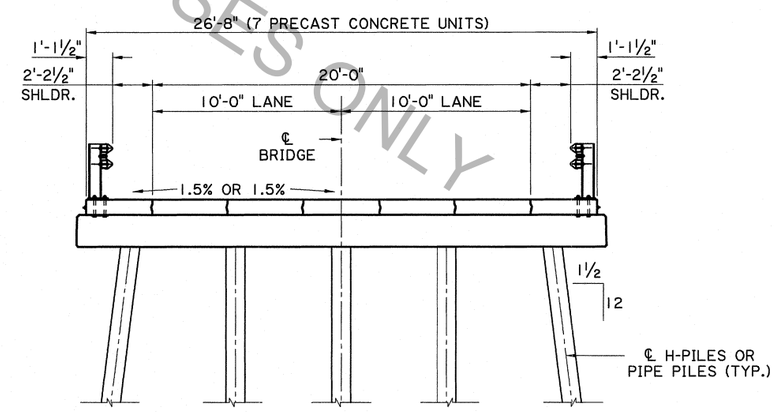
5/29/2012 08:23



PLAN



ELEVATION



TYPICAL CROSS SECTION

SHOWING SINGLE ROW INTERMEDIATE BENT

NOTES:

THE CONTRACTOR SHOULD NOTE THAT THE DETOUR BRIDGE PAY LENGTH IS BASED ON AN ASSUMED GROUND LINE. IF THE EXISTING GROUND LINE CONDITIONS RESULT IN THE END BENT CAP BEING EMBEDDED OVER 8" INTO THE GROUND, A TYPE "A" END BENT MAY BE USED. IF THE GROUND LINE DOES NOT PROVIDE THIS EMBANKMENT, A TYPE "B" END BENT IS REQUIRED. IF THE EXISTING GROUND LINE REQUIRES A FILL HEIGHT THAT EXCEEDS THE LIMIT OF A TYPE "B", ADDITIONAL SPANS WILL BE ADDED BY THE CONTRACTOR AND PAID FOR AT THE CONTRACT UNIT PRICE UNTIL THE TYPE "B" LIMITS ARE SATISFIED. IF THE CONTRACTOR DESIRES TO INCORPORATE TYPE "A" IN LIEU OF TYPE "B" END BENTS, HE IS ALLOWED THE OPTION TO ADD ADDITIONAL SPANS AT HIS EXPENSE, UNTIL THE EMBANKMENT CRITERIA FOR TYPE "A" IS MET.

FOR MORE GUARD RAIL INFORMATION, SEE STANDARD PLAN GR-200 AND SHEET 15 OF 15.

EMBANKMENT REQUIRED TO PLACE THE GUARD RAIL SHALL BE INCLUDED IN THE BID ITEM 725-01-00100, "TEMPORARY DETOUR ROADS."

THE USE OF TALL STEEL BENTS (UP TO 40 FT.) SHALL BE LIMITED TO ONE UNIT OF 4 TO 6 TWENTY FOOT SPANS (80 FT. TO 120 FT.) IF MORE SPANS ARE REQUIRED, IT IS PREFERABLE TO USE OTHER TYPES OF BRIDGES WHICH CAN ACCOMMODATE LONGER SPANS, SUCH AS AN ACROW OR A MODULAR BRIDGE SYSTEM.

STATE OF LOUISIANA
JUSTIN C. PELTIER
License No. 34765
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
5/8/2012

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER	PARISH	CONTROL SECTION	STATE PROJECT

DESIGNED T. LE
CHECKED J. PELTIER
DETAILED J. PELTIER
CHECKED M. HEBERT
SERIES NUMBER 2 OF 15

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

BRIDGE GENERAL PLAN

BD2.8.1.0. 02 - DETOUR BRIDGE

BRIDGE & STRUCTURAL DESIGN

IP_PWP:dms55670\Detour Bridge 02.dgn