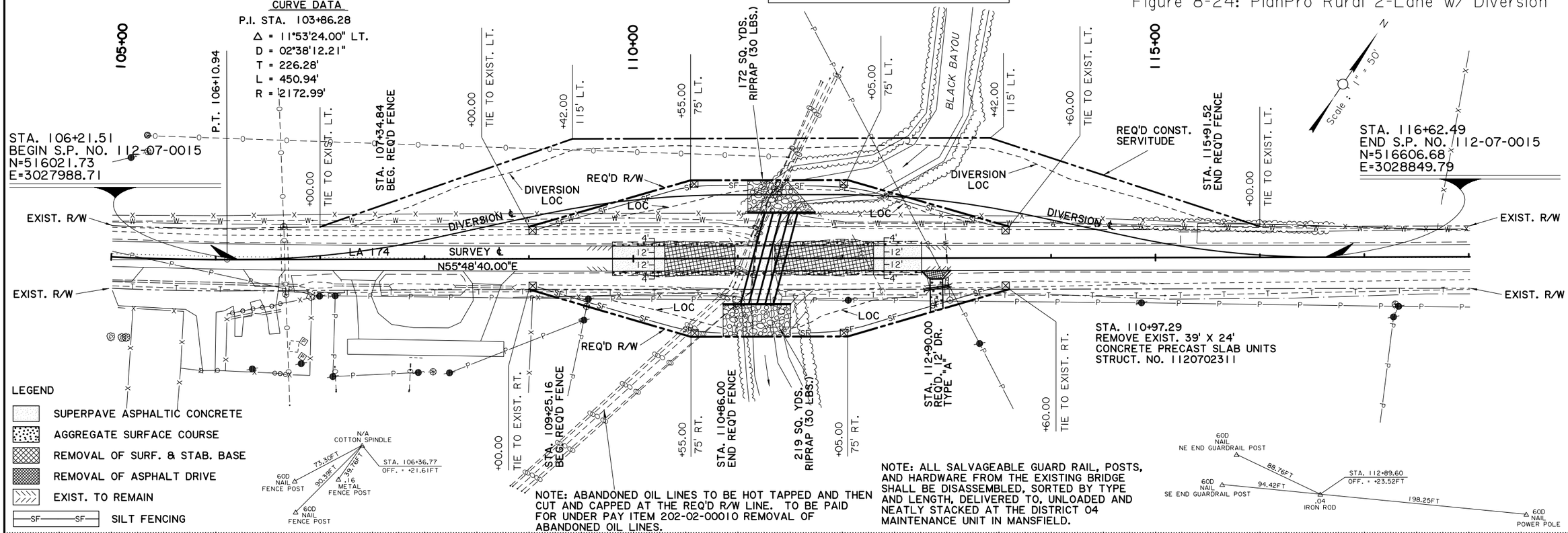
Figure 8-24: PlanPro Rural 2-Lane w/ Diversion

FOR DETAILS OF DIVERSION SEE SHT. 12

SURVEYED ℄ CURVE DATA
P.I. STA. 103+86.28
Δ = 11°53'24.00" LT.
D = 02°38'12.21"
T = 226.28'
L = 450.94'
R = 2172.99'




LEGEND
- SUPERPAVE ASPHALTIC CONCRETE
- AGGREGATE SURFACE COURSE
- REMOVAL OF SURF. & STAB. BASE
- REMOVAL OF ASPHALT DRIVE
- EXIST. TO REMAIN
- SF——SF SILT FENCING

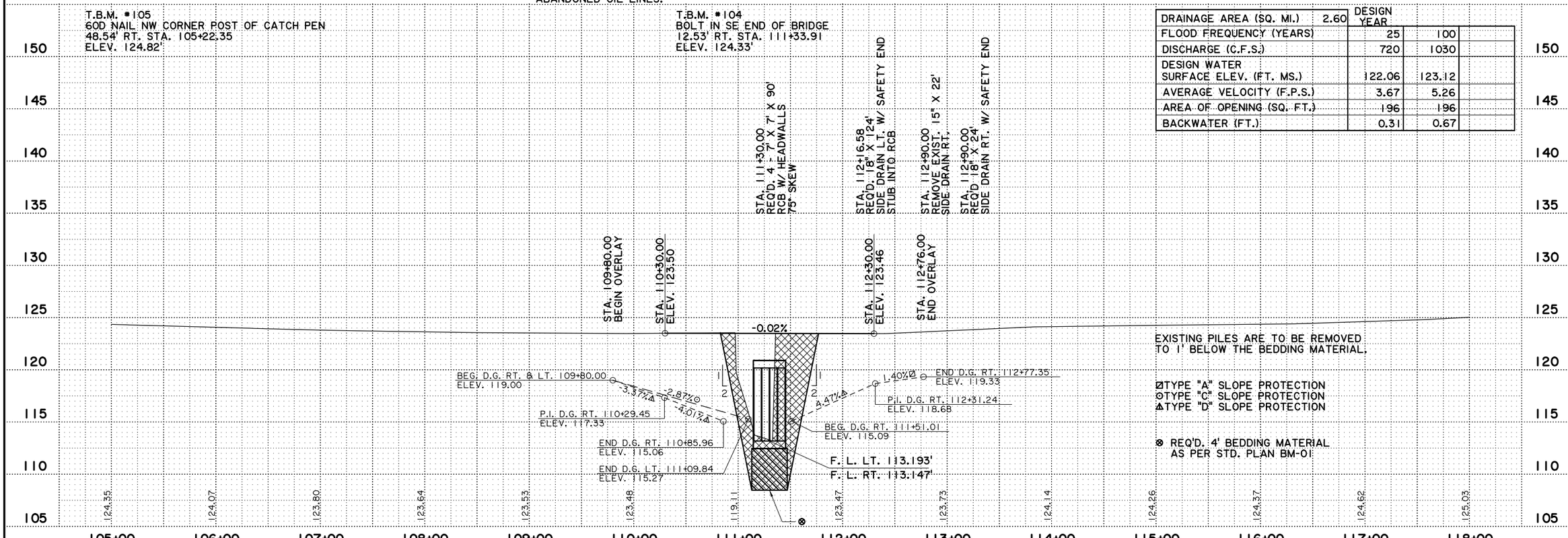
NOTE: ABANDONED OIL LINES TO BE HOT TAPPED AND THEN CUT AND CAPPED AT THE REQ'D R/W LINE. TO BE PAID FOR UNDER PAY ITEM 202-02-00010 REMOVAL OF ABANDONED OIL LINES.

NOTE: ALL SALVAGEABLE GUARD RAIL, POSTS, AND HARDWARE FROM THE EXISTING BRIDGE SHALL BE DISASSEMBLED, SORTED BY TYPE AND LENGTH, DELIVERED TO, UNLOADED AND NEATLY STACKED AT THE DISTRICT 04 MAINTENANCE UNIT IN MANSFIELD.

T.B.M. #105
60D NAIL NW CORNER POST OF CATCH PEN
48.54' RT. STA. 105+22.35
ELEV. 124.82'

T.B.M. #104
BOLT IN SE END OF BRIDGE
12.53' RT. STA. 111+33.91
ELEV. 124.33'

| DRAINAGE AREA (SQ. MI.) 2.60 | DESIGN YEAR | |
|---|---|---|
| FLOOD FREQUENCY (YEARS) | 25 | 100 |
| DISCHARGE (C.F.S.) | 720 | 1030 |
| DESIGN WATER SURFACE ELEV. (FT. MS.) | 122.06 | 123.12 |
| AVERAGE VELOCITY (F.P.S.) | 3.67 | 5.26 |
| AREA OF OPENING (SQ. FT.) | 196 | 196 |
| BACKWATER (FT.) | 0.31 | 0.67 |




EXISTING PILES ARE TO BE REMOVED TO 1' BELOW THE BEDDING MATERIAL.

⊘ TYPE "A" SLOPE PROTECTION
⊙ TYPE "C" SLOPE PROTECTION
△ TYPE "D" SLOPE PROTECTION

⊗ REQ'D. 4' BEDDING MATERIAL AS PER STD. PLAN BM-01

| SHEET NUMBER | 5 |
|---|---|
| PARISH | RED RIVER |
| CONTROL SECTION | 112-07 |
| STATE PROJECT | H.001812 |
| DESIGNED | |
| CHECKED | |
| DETAILED | |
| CHECKED | |
| SERIES NUMBER | 2 OF 3 |

| NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY |
|---|---|---|---|

STATE OF LOUISIANA

PLAN AND PROFILE SHEET

BLACK BAYOU BRIDGE ON LA 174

DOTD ROAD DESIGN