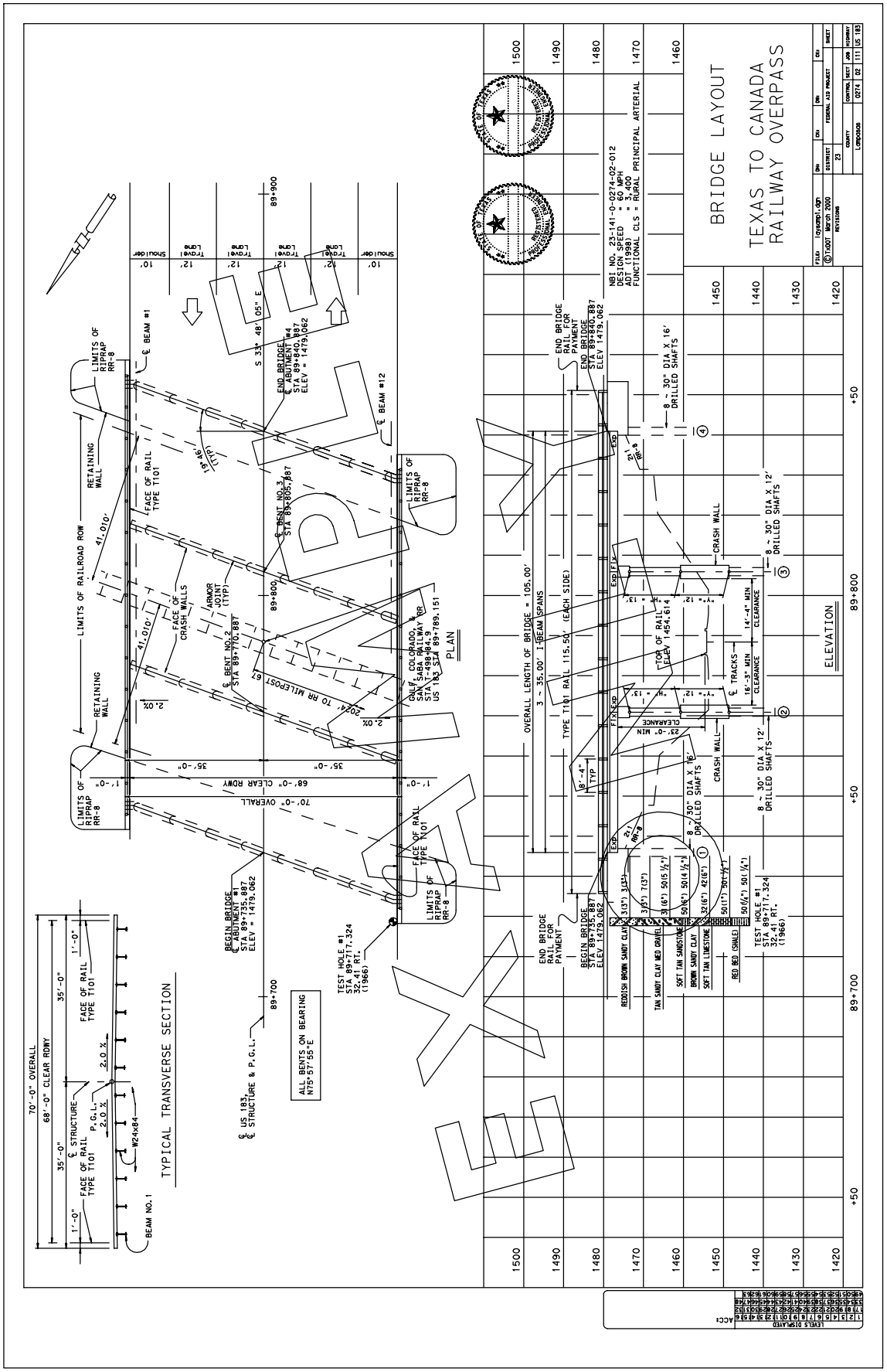
BRIDGE LAYOUT
TEXAS TO CANADA
RAILWAY OVERPASS
NBI NO. 23-141-0-0274-02-012
DESIGN SPEED = 60 MPH
ADT (1998) = 3,400
FUNCTIONAL CLS = RURAL PRINCIPAL ARTERIAL
PLAN
ELEVATION
TYPICAL TRANSVERSE SECTION
ALL BENTS ON BEARING
N75°57'55"E
70'-0" OVERALL
68'-0" CLEAR RDWY
LIMITS OF RAILROAD ROW
RETAINING WALL
FACE OF RAIL TYPE T101
LIMITS OF RIPRAP RR-8
BEGIN BRIDGE
END BRIDGE
OVERALL LENGTH OF BRIDGE = 105.00'
3 ~ 35.00' I-BEAM SPANS
TYPE T101 RAIL 115.50' (EACH SIDE)
CRASH WALL
8 ~ 30" DIA X 16' DRILLED SHAFTS
8 ~ 30" DIA X 12' DRILLED SHAFTS
TEST HOLE #1
STA 89+717.324
32.41 RT.
(1966)
TOP OF RAIL
ELEV 1454.614
REDDISH BROWN SANDY CLAY
TAN SANDY CLAY MED GRAVEL
SOFT TAN SANDSTONE
BROWN SANDY CLAY
SOFT TAN LIMESTONE
RED BED (SHALE)
LEVELS DISPLAYED
ACC:

Fig. 2-4