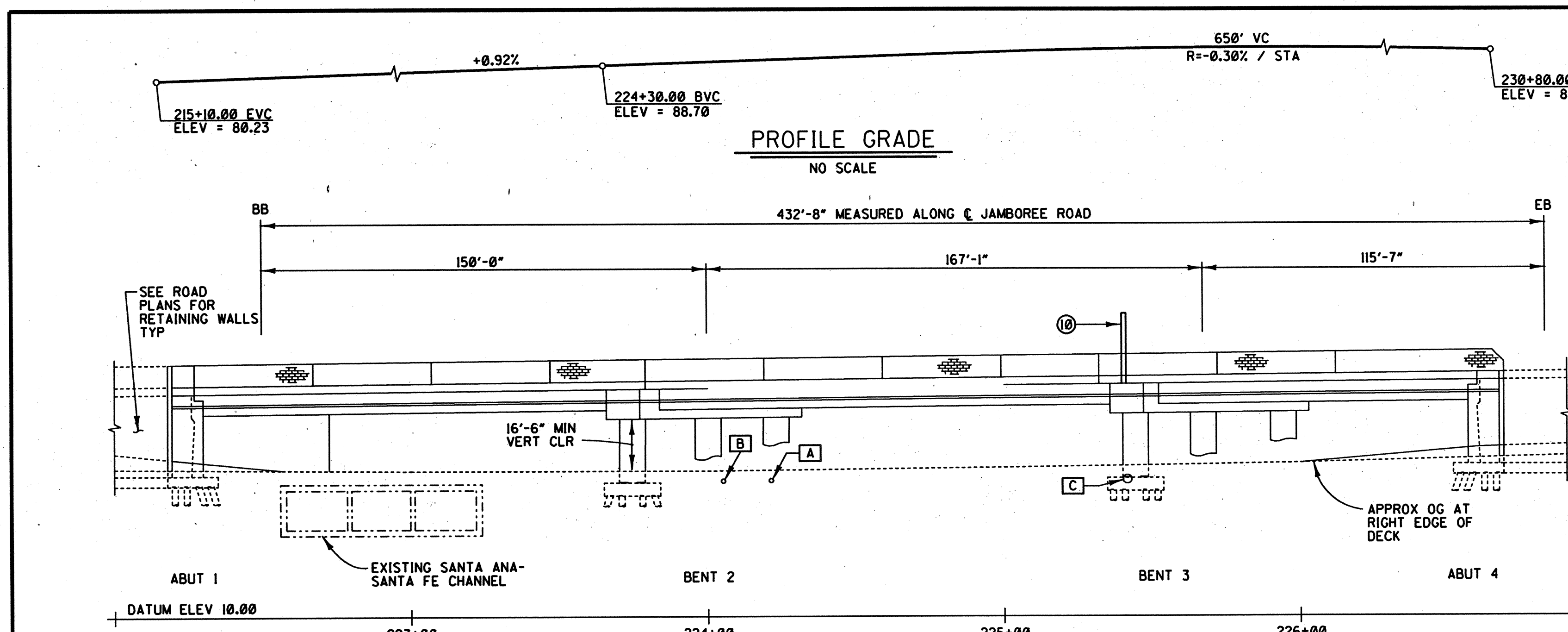
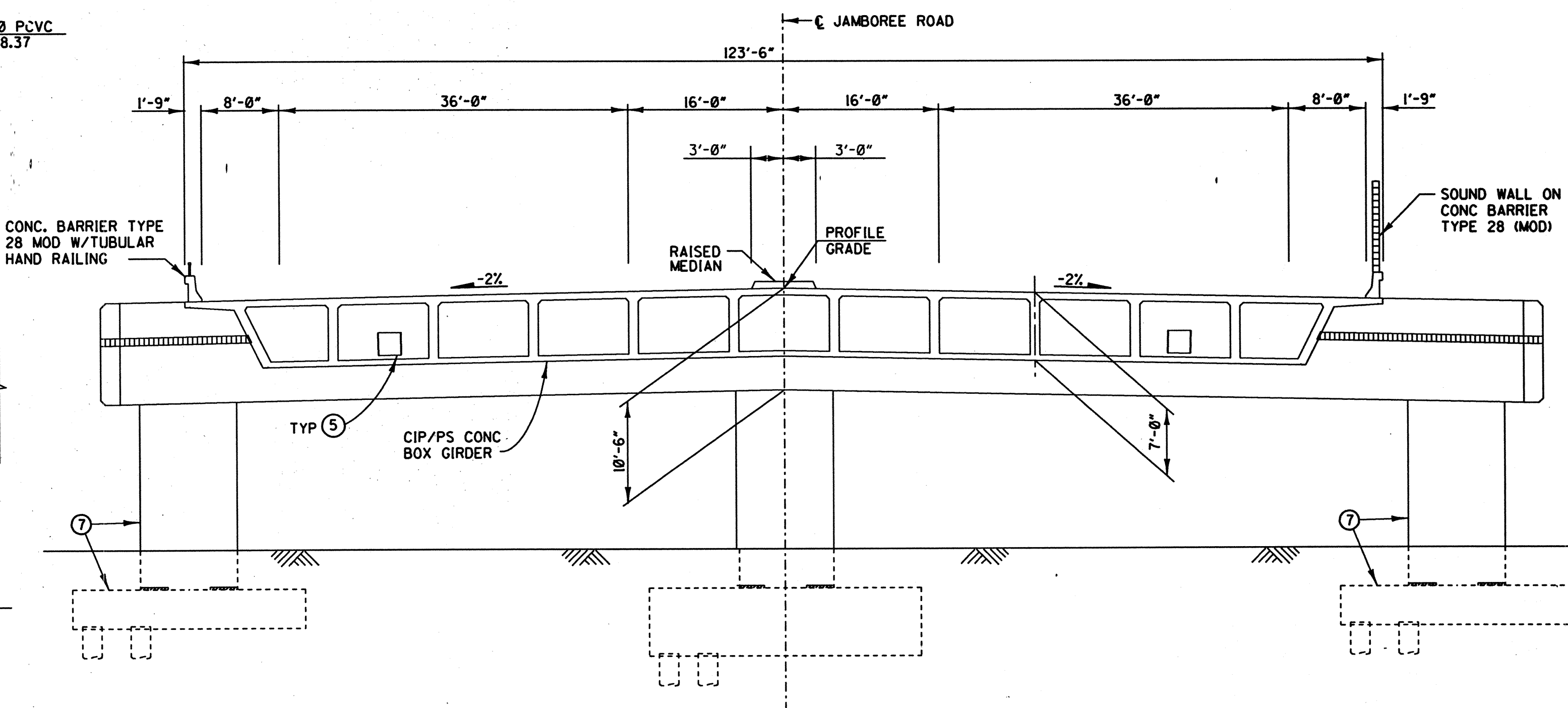
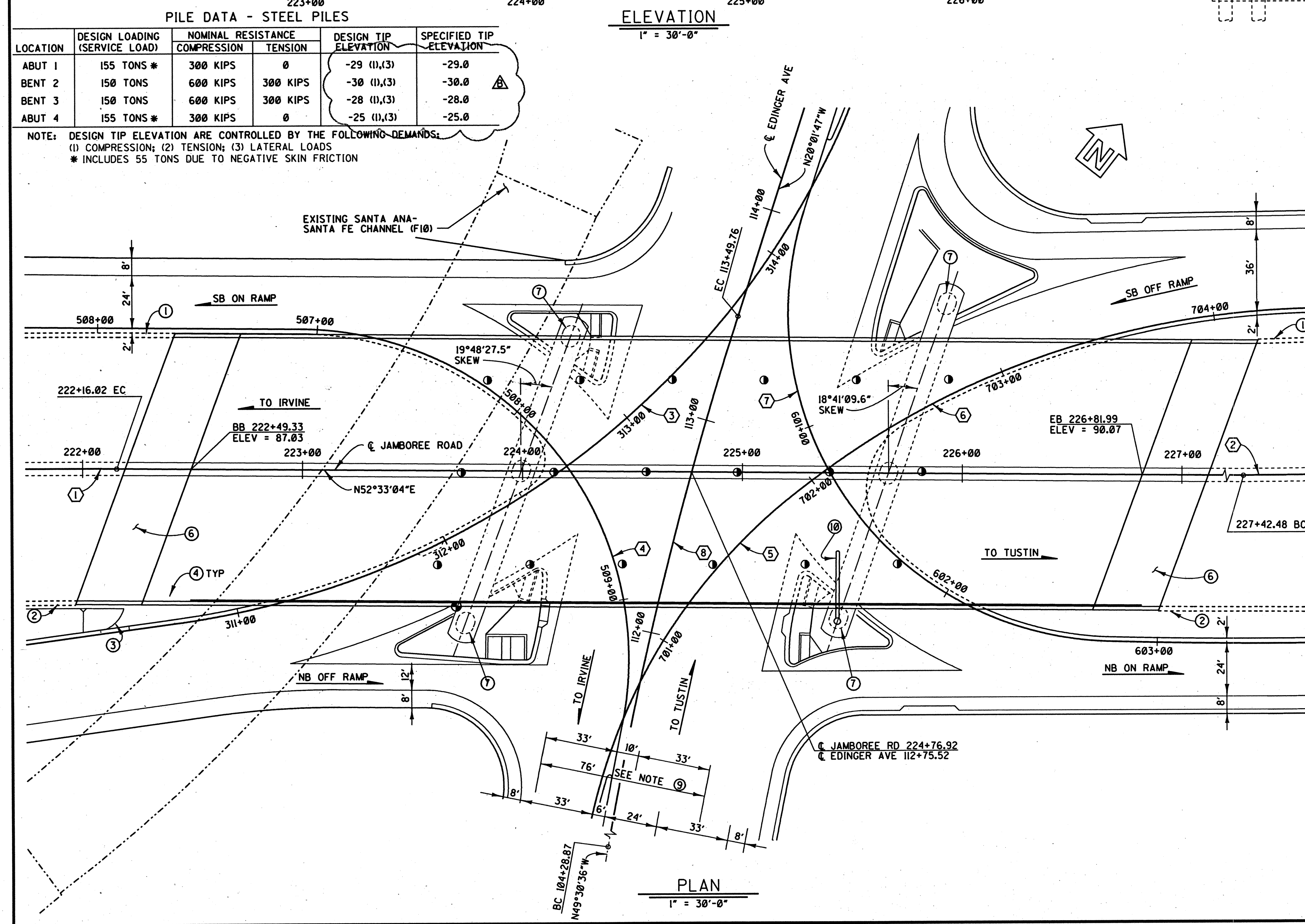




PILE DATA - STEEL PILES

LOCATION	DESIGN LOADING (SERVICE LOAD)	NOMINAL RESISTANCE		DESIGN TIP ELEVATION	SPECIFIED TIP ELEVATION
		COMPRESSION	TENSION		
ABUT 1	155 TONS *	300 KIPS	0	-29 (1),(3)	-29.0
BENT 2	150 TONS	600 KIPS	300 KIPS	-30 (1),(3)	-30.0
BENT 3	150 TONS	600 KIPS	300 KIPS	-28 (1),(3)	-28.0
ABUT 4	155 TONS *	300 KIPS	0	-25 (1),(3)	-25.0

NOTE: DESIGN TIP ELEVATION ARE CONTROLLED BY THE FOLLOWING DEMANDS:
 (1) COMPRESSION; (2) TENSION; (3) LATERAL LOADS
 * INCLUDES 55 TONS DUE TO NEGATIVE SKIN FRICTION



EXISTING UTILITIES

- A AT&T CONDUIT
- B PACIFIC BELL CONDUIT
- C 18" RCP STORM DRAIN TO BE RELOCATED

CURVE DATA

- ① R = 2700.00'
D = 13°50'56"
L = 652.61'
T = 327.90'
- ② R = 2350.00'
D = 27°29'01"
L = 1127.25'
T = 574.69'
- ③ R = 390.00'
D = 55°56'16"
L = 380.76'
T = 207.10'
- ④ R = 150.00'
D = 101°15'48"
L = 265.11'
T = 182.82'
- ⑤ R = 260.00'
D = 41°16'18"
L = 187.27'
T = 97.91'
- ⑥ R = 390.00'
D = 37°56'15"
L = 258.23'
T = 134.05'
- ⑦ R = 150.00'
D = 106°12'41"
L = 278.06'
T = 199.82'
- ⑧ R = 1799.96'
D = 29°28'49"
L = 920.89'
T = 468.44'

NOTES:

- ① POINT OF MINIMUM VERTICAL CLEARANCE
- ② DENOTES SOFFIT LIGHTING SEE "ROAD PLANS"
- ③ RETAINING WALL, SEE ROAD PLANS
- ④ SOUND WALL ON RETAINING WALL, SEE ROAD PLANS
- ⑤ TOE OF FILL
- ⑥ DECK DRAINS, SEE "DECK DRAIN DETAILS" SHEET
- ⑦ FUTURE UTILITY OPENING
- ⑧ STRUCTURE APPROACH TYPE N(385)
- ⑨ STAGE CONSTRUCT NORTH FOOTINGS AND COLUMNS IN PHASE 1A. STAGE CONSTRUCT SOUTH FOOTINGS AND COLUMNS IN PHASE 2B. FOR STAGE CONSTRUCTION SEE "ROAD PLANS"
- ⑩ FOR "INDEX TO BRIDGE PLANS" AND "GENERAL NOTES" SEE "DECK CONTOURS" SHEET
- ⑪ MINIMUM TEMPORARY TRAFFIC LANE WIDTH DURING CONSTRUCTION, SEE STAGE CONSTRUCTION PLANS
- ⑫ OVERHEAD SIGN NO. 3, SEE ROAD PLANS

CALTRANS STANDARD PLANS DATED JULY, 1992

- A10A ABBREVIATIONS
- A62B LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL- BRIDGE SURCHARGE AND WALL
- A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL- BRIDGE
- B0-1 BRIDGE DETAILS
- B0-3 BRIDGE DETAILS
- B0-5 BRIDGE DETAILS
- B0-13 BRIDGE DETAILS
- B7-1 BOX GIRDER DETAILS
- B7-10 UTILITY OPENING BOX GIRDER
- B8-5 CAST-IN-PLACE PRESTRESSED GIRDER DETAILS
- B11-51 TUBULAR HAND RAILING
- ES-7A SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS
- ES-7C ELECTRICAL DETAILS STRUCTURE INSTALLATIONS
- ES-7C ELECTRICAL DETAILS STRUCTURE INSTALLATIONS
- S40T OVERHEAD SIGNS TUBULAR FOUNDATION DETAILS

- ① STANDARD PLANS SHEET NO
- ② DETAIL NO

BRIDGE #55C-0647

URS GREINER, INC.
 1241 EAST DYER ROAD, SUITE 250
 SANTA ANA, CALIFORNIA 92705-5605

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
JAMBOREE ROAD GRADE SEPARATION AT EDINGER AVENUE	
GENERAL PLAN	
DESIGNED	CHECKED
DRAWN	DATE
SCALE	DRAWING NO.
AS SHOWN	6-97
SHEET 97 OF 130	

DR. 1 06152