



PLAN

1" = 20'-0"

GENERAL NOTES
LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS
(1983 AASHTO WITH INTERIMS AND REVISIONS BY CALTRANS)

DEAD LOAD: INCLUDES 35 PSF FOR FUTURE WEARING SURFACE

LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD

SEISMIC LOADING: TRANSPORTATION CORRIDOR AGENCIES SEISMIC DESIGN CRITERIA.
TCA ARS: DESIGN SPECTRA IV
CALTRANS ARS: PEAK ROCK ACCELERATION 0.3G
DEPTH TO ALLUVIUM > 150'

REINFORCED CONCRETE: $F_y = 60000$ PSI
 $F'_c = 3250$ PSI (EXCEPT AS NOTED)
 $N = 9$
TRANSVERSE DECK SLAB (WORKING STRESS DESIGN)
 $F_s = 20000$ PSI
 $F'_c = 12000$ PSI
 $N = 10$

ABUTMENTS: (WORKING STRESS DESIGN) $F_s = 24000$ psi
 $F'_c = 13000$ psi
 $N = 10$

PRESTRESSED CONCRETE FOR "PRESTRESSING NOTES" SEE "GIRDER LAYOUT" AND "BENTS 2 AND 3 PRESTRESSING DETAILS" SHEETS

SOUND WALL ON BRIDGE FOR DESIGN NOTES (FOR SOUND WALL ON BRIDGE, SEE "SOUND WALL DETAILS" SHEET.

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	FOUNDATION PLAN
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	PILE LAYOUT
	BENTS 2 & 3 FOOTING LAYOUT AND STEEL PILE DETAILS
	BENTS 2 & 3 FOOTING REINFORCEMENT DETAILS
	BENT DETAILS
	BENT CAP DETAILS
	BENTS 2 & 3 PRESTRESSING DETAILS
	TYPICAL SECTION
	GIRDER LAYOUT
	GIRDER REINFORCEMENT
	JOINT SEAL ASSEMBLY
	DECK DRAIN DETAILS
	DECK DRAIN TYPE D-2 MODIFIED
	CONCRETE BARRIER TYPE 28 (MOD)
	SOUND WALL DETAILS
	STRUCTURE APPROACH TYPE N(30S)
	STRUCTURE APPROACH DRAINAGE DETAILS

NOTES:

1. X DENOTES 10' INTERVALS ALONG @ JAMBOREE ROAD.
2. □ DENOTES EVEN FOOT CONTOURS.
3. CONTOURS DO NOT INCLUDE CAMBER.
4. CONTOUR INTERVAL IS 0.10'.

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	
DECK CONTOURS	
DESIGNED: J.W.	
DRAWN: A. GOMEZ	
CHECKED: G.L.R.	
SCALE	DATE
AS SHOWN	6-97
DRAWING NO.	
SHEET	
98	
OF 130	

DR. 1 (10152)