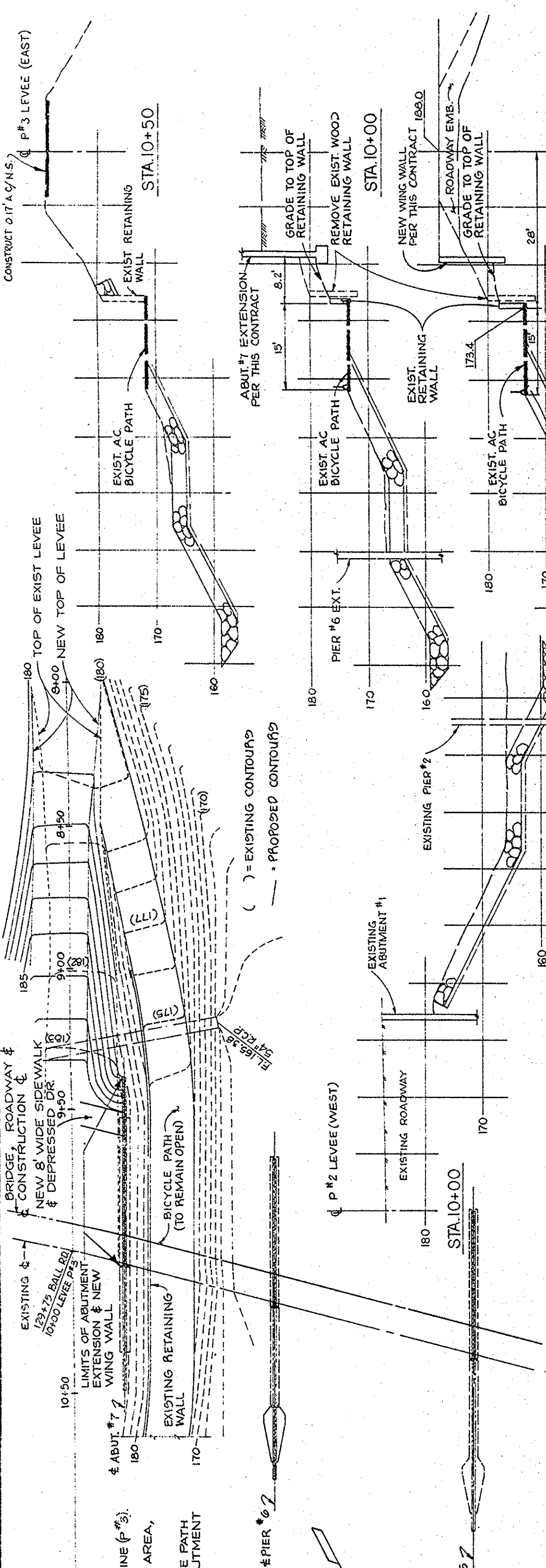
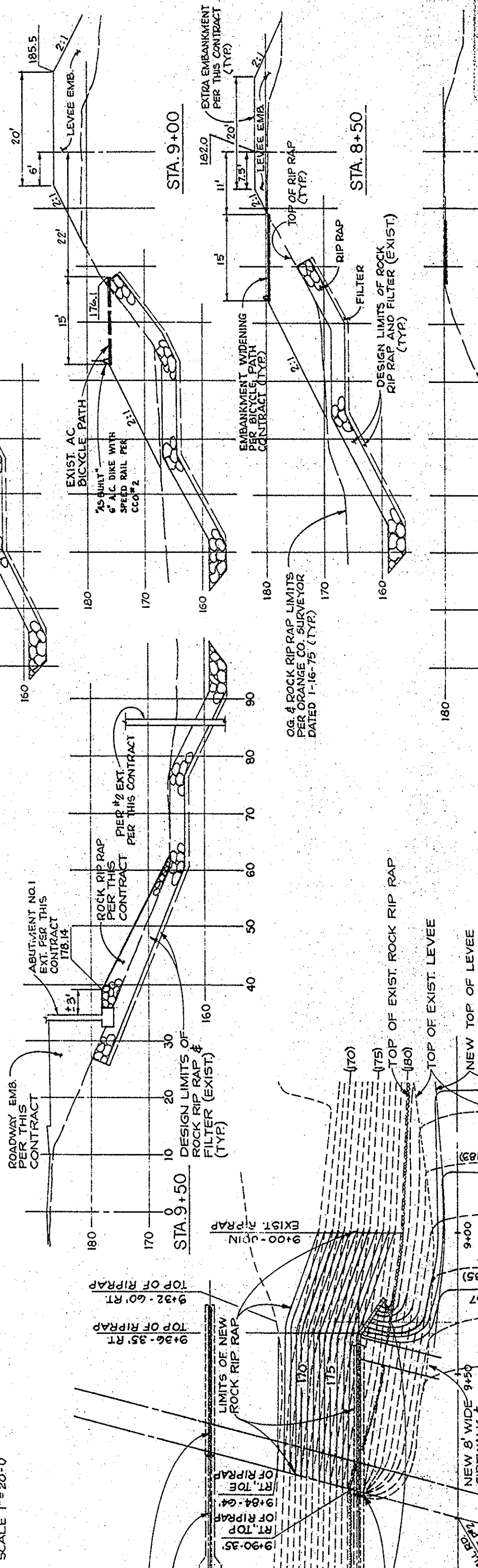




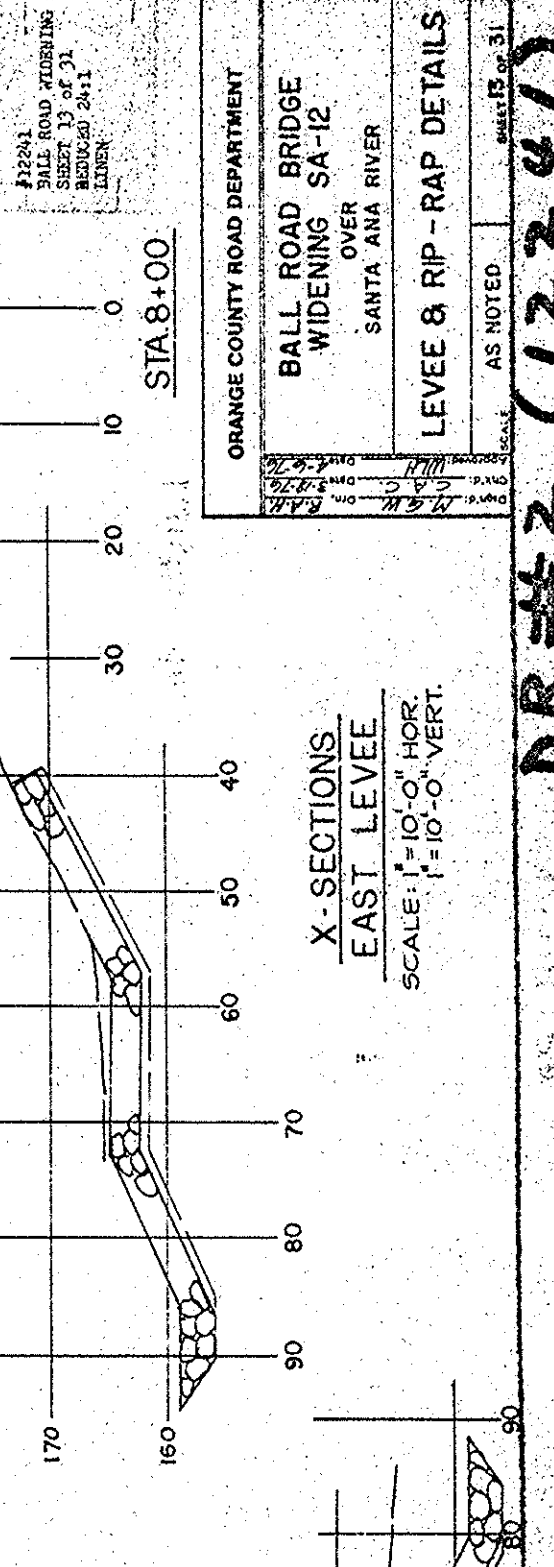
PLAN (EAST LEVEE)
SCALE 1" = 20'-0"

- NOTES:
1. SEE SHEET 6 FOR DETAILS OF CONTROL LINE (P#3).
 2. FOR DETAILS OF ROAD WIDENING IN THIS AREA, SEE SHEETS 4 & 5.
 3. PROTECT EXIST. ROCK RIP RAP & BICYCLE PATH IN PLACE DURING CONSTRUCTION OF ABUTMENT EXTENSION & NEW RETAINING WALL.
 4. FOR ACCESS ROAD PROFILE SEE SHEET 6.

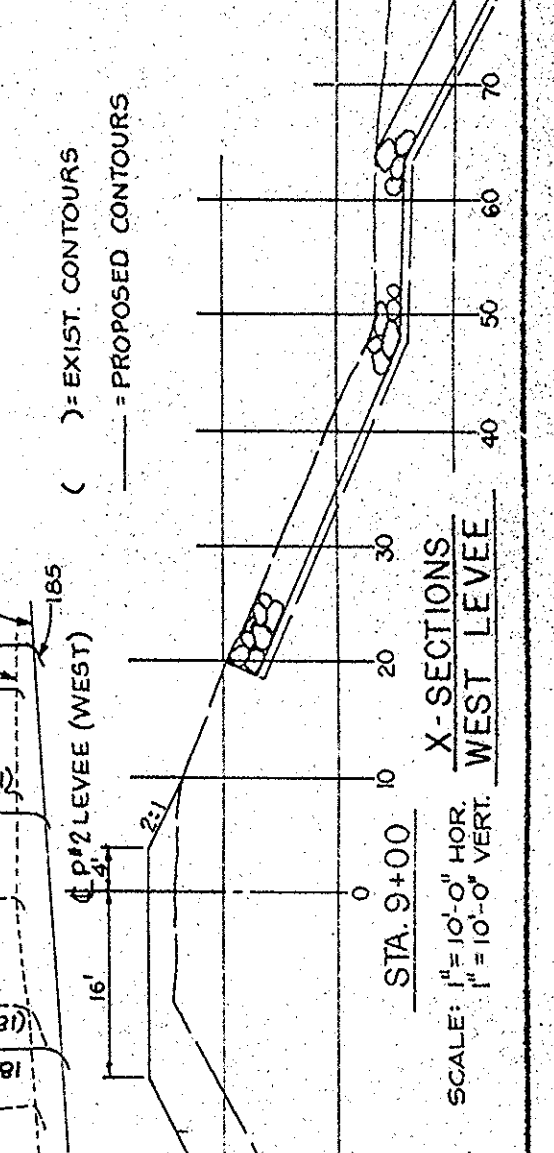


PLAN (WEST LEVEE)
SCALE 1" = 20'-0"

- NOTES:
1. SEE SHEET 6 FOR DETAILS OF CONTROL LINE (P#2).
 2. FOR DETAILS OF ROAD WIDENING IN THIS AREA, SEE SHT. 3.
 3. REMOVE EXIST. ROCK RIP RAP AS REQUIRED FOR CONSTRUCTION OF ABUTMENT EXTENSION, STOCKPILE, REPLACE, & FURNISH. PLACE ADDITIONAL ROCK RIP RAP AFTER CONSTRUCTION OF ABUTMENT EXTENSION & NEW WING WALL.
 4. FOR ACCESS ROAD PROFILES SEE SHEET 6.



X-SECTIONS
EAST LEVEE
SCALE: 1" = 10'-0" HOR.
1" = 10'-0" VERT.



X-SECTIONS
WEST LEVEE
SCALE: 1" = 10'-0" HOR.
1" = 10'-0" VERT.

ORANGE COUNTY ROAD DEPARTMENT
BALL ROAD BRIDGE
WIDENING SA-12
OVER
SANTA ANA RIVER
LEVEE & RIP - RAP DETAILS
AS NOTED
SHEET 12 OF 31
DR-#2 (12241)