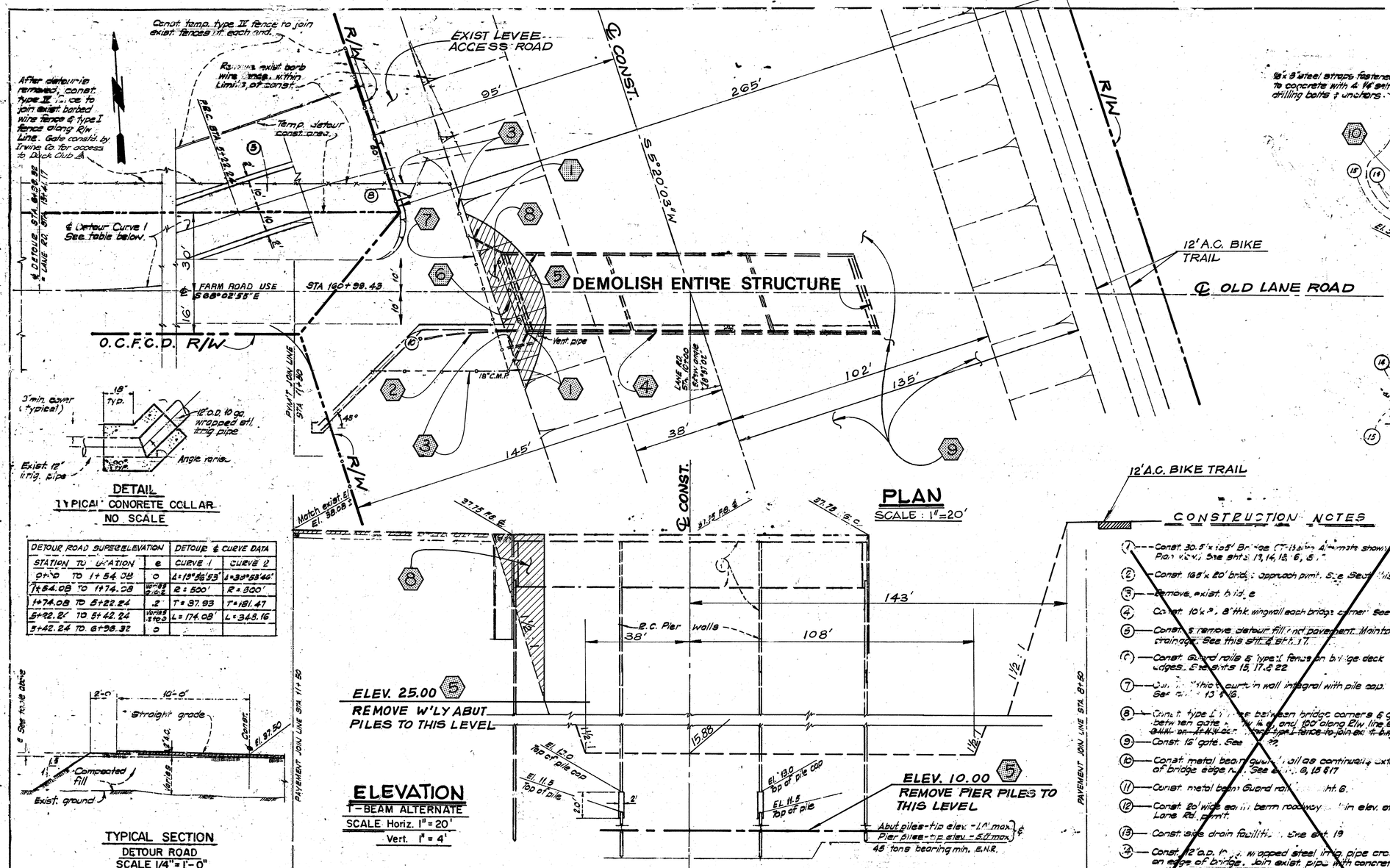



## PLAN
SCALE: 1" = 20'

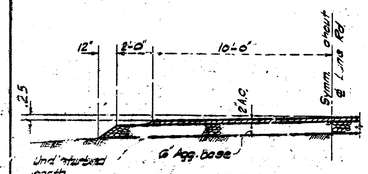



## DETAIL
TYPICAL CONCRETE COLLAR
NO SCALE

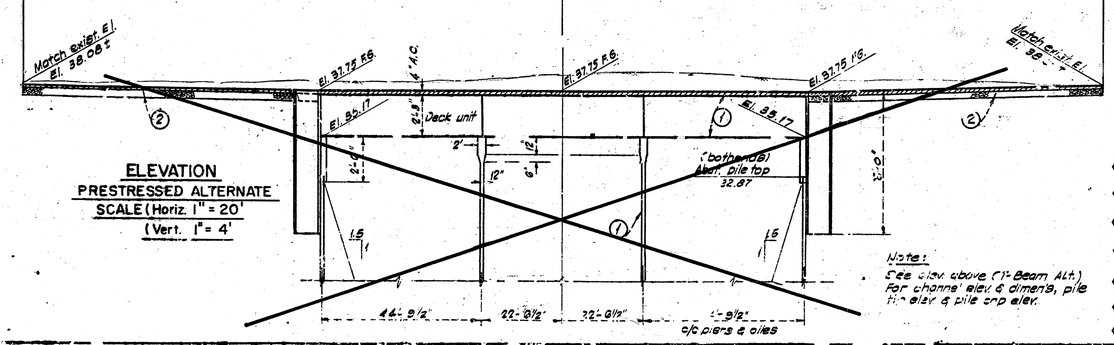
| DETOUR ROAD SUPERELEVATION | | DETOUR ℄ CURVE DATA | |
|---|---|---|---|
| STATION TO STATION | e | CURVE 1 | CURVE 2 |
| 0+00 TO 1+54.08 | 0 | Δ = 19°36'53" | Δ = 34°53'40" |
| 1+54.08 TO 1+74.08 | Varies 0 to .2 | R = 500' | R = 300' |
| 1+74.08 TO 5+22.24 | .2 | T = 97.93 | T = 181.47 |
| 5+22.24 TO 5+42.24 | Varies .2 to 0 | L = 174.08' | L = 348.16 |
| 5+42.24 TO 6+98.32 | 0 | | |




## TYPICAL SECTION
DETOUR ROAD
SCALE 1/4" = 1'-0"




## TYPICAL SECTION
APPROACH PAVING
SCALE 1/4" = 1'-0"




## ELEVATION
PRESTRESSED ALTERNATE
SCALE (Horiz. 1" = 20'
(Vert. 1" = 4'

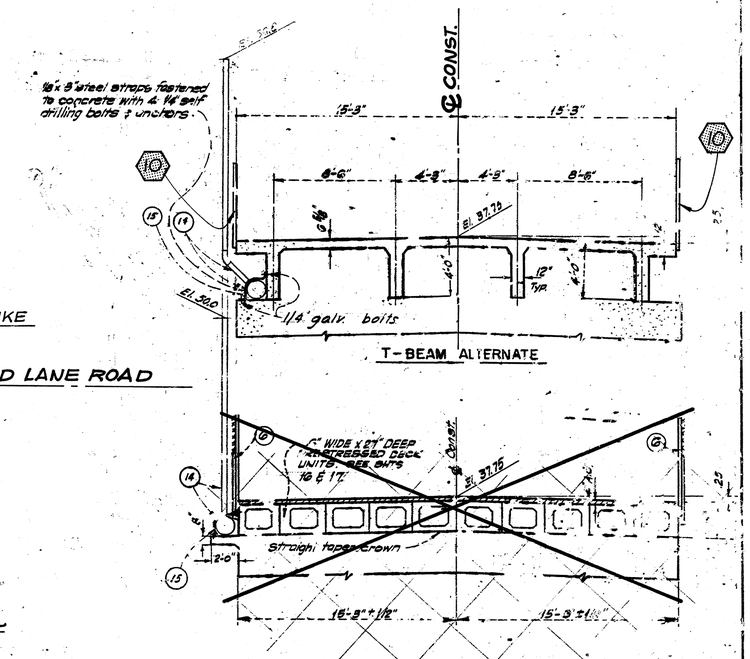
Note:
See elev. above (T-Beam Alt.) for channel elev. & dimens, pile tip elev. & pile cap elev.

## CONSTRUCTION NOTES

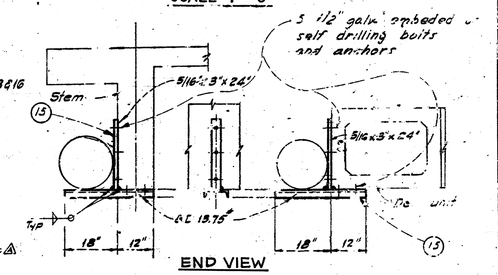
1. Const. 30.5' x 105' Bridge (T-Beam Alternate shown in Plan View). See sht's 13, 14, 15, 16, 8.
2. Const. 165' x 20' bridge approach pvmt. See Section this sht.
3. Remove exist. bridge
4. Const. 10' x 8", 8" thk. wingwall each bridge corner. See sht's 13 & 16
5. Const. & remove detour fill and pavement. Maintain drainage. See this sht. & sht's 17.
6. Const. guard rails & type I fence on bridge deck edges. See sht's 15, 17 & 22
7. Const. 1' thick curtain wall integral with pile cap. See sht's 13 & 16.
8. Const. type I fence between bridge corners & gate, between gate & R/W line and 100' along R/W line except 8' N.W. of R/W line. Const. type I fence to join exist. fence.
9. Const. 16' gate. See sht. 22.
10. Const. metal beam guard rail as continuation of bridge edge rail. See sht's 8, 15 & 17
11. Const. metal beam Guard rail. See sht. 8.
12. Const. 20' wide earth berm roadway to min elev. of Lane Rd. pavmt.
13. Const. side drain facilities. See sht. 19
14. Const. 12" O.D. 10 ga. wrapped steel irrig. pipe crossing on edge of bridge. Join exist. pipe with concrete collars. See typ. sections and details this sht. Remove exist. pipe crossing & supports. Const. 2-2" ϕ steel vent pipes to elev. shown.
15. Const. steel irrig. pipe supports at midspans of bridge deck. See details right. Const. 1/8 x 3" steel strap anchors over pipe at piers. See sections this sht.
16. Const. (a) clearance markers, (b) Guide markers. See sht. 17.

## DEMOLITION CONSTRUCTION NOTES

1. REMOVE INTERFERRING PORTIONS OF CHAIN LINK FENCE.
2. REMOVE METAL BEAM APPROACH GUARD RAIL.
3. PROTECT IN PLACE.
4. REMOVE INTERFERRING PORTION OF 12" STEEL IRRIGATION LINE.
5. REMOVE ENTIRE BRIDGE STRUCTURE.
6. REMOVE METAL BEAM ROAD BARRICADE
7. INSTALL 5' CHAIN LINK FENCE PER E.M.A. STA. PLAN 4-12.




## TYPICAL SECTIONS-BRIDGE SUPERSTRUCTURE
SCALE 1" = 5'




## TYPICAL PIPE SUPORT DETAILS
SCALE 1/2" = 1'-0"

## DEMOLITION CONSTRUCTION NOTES (CONT'D.)

8. RESTORE CHANNEL SLOPE TO 1.5 TO 1.
9. WING WALL AND LEVEE WAS REMOVED BY PRIOR CONSTRUCTION.
10. REMOVE AND SALVAGE BRIDGE GUARD RAIL.

| | | | |
|---|---|---|---|
| PRELIMINARY REVISION CODE Disregard Prints Bearing Earlier Codes | | 4 5-53 | |
| REVISIONS | | ORANGE COUNTY FLOOD CONTROL DISTRICT | |
| MARK | DATE | DESCRIPTION | PETERS CANYON CHANNEL CROSSING |
| 4 | 10-62 | | |
| DESIGNED E.L.C. | | RECOMMENDED | |
| DRAWN A.P. | CHECKED | | |
| SUBMITTED | DESIGN ENGINEER | SCALE AS SHOWN | DATE JULY 1963 |
| DESIGN DIVISION ENGINEER | | DWG. NO. FCD 101-2-4 | |

# AS BUILT PLAN