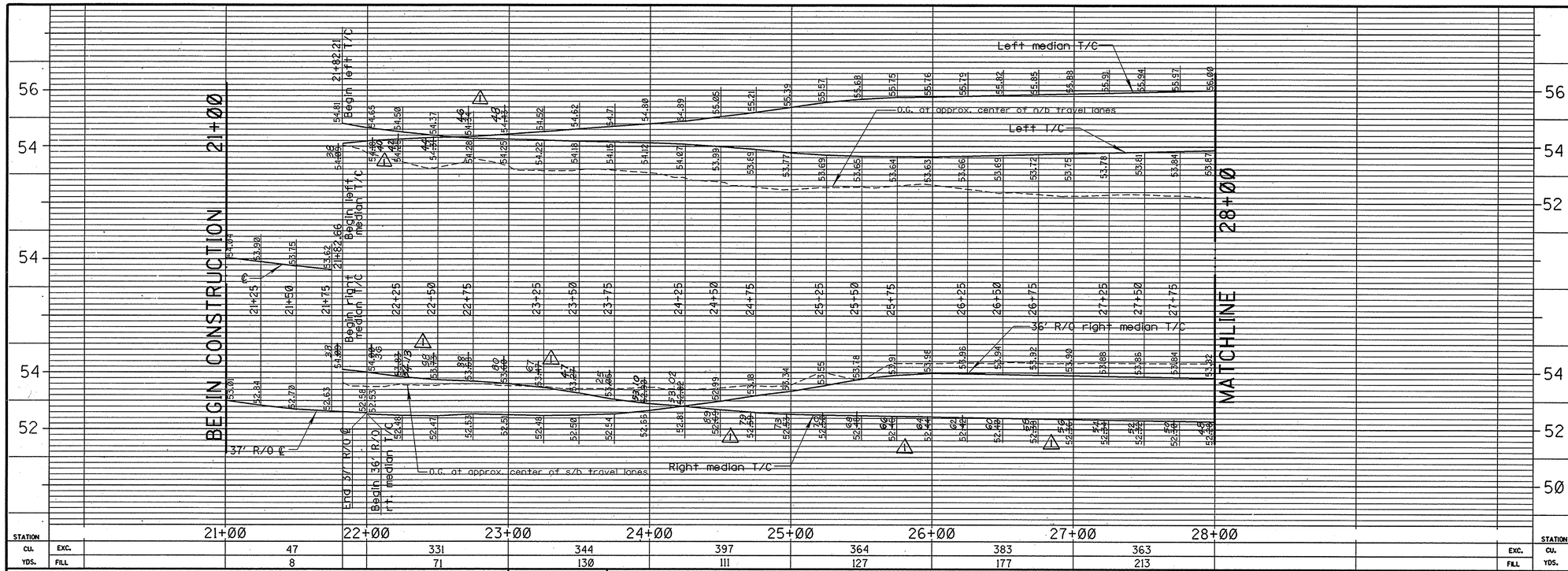
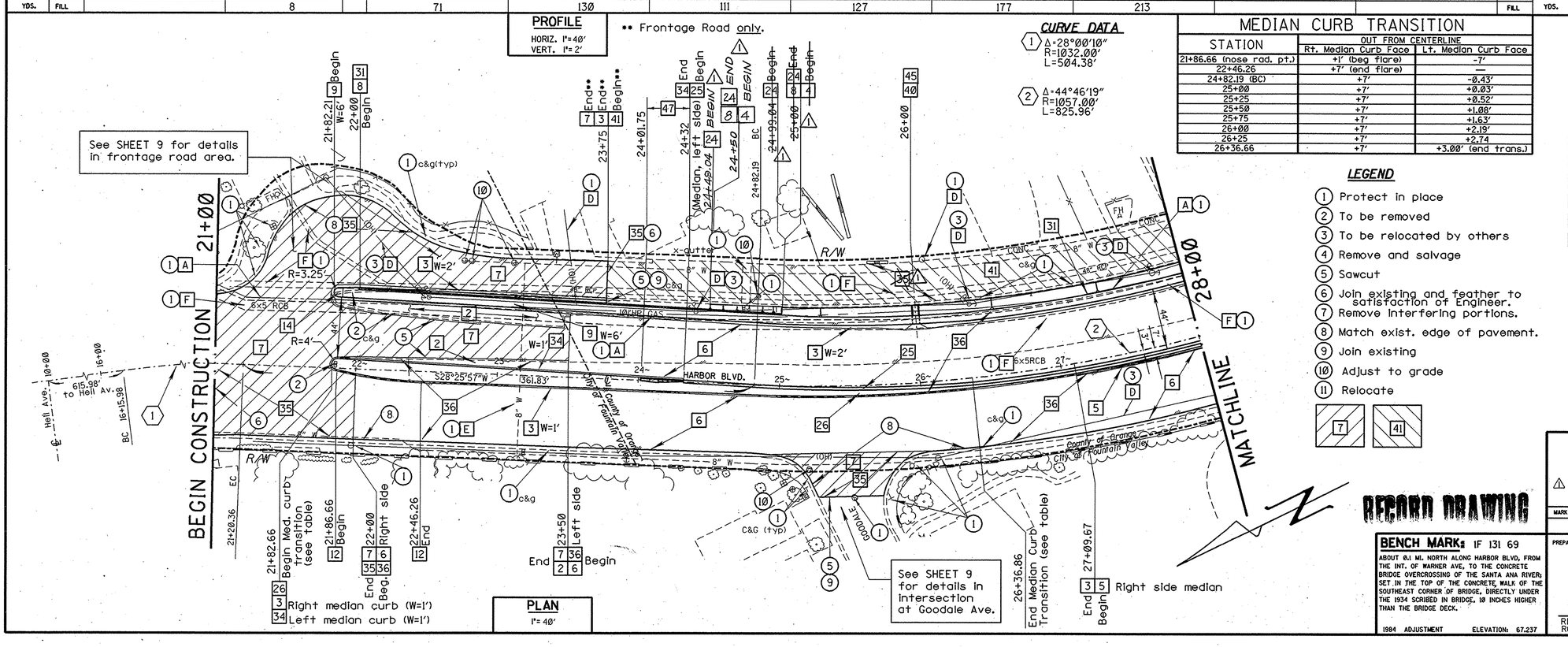


PROFILE
HORIZ. 1"=40'
VERT. 1"=2'



PLAN
1"= 40'

CURVE DATA

(1) Δ=28°00'10" R=1032.00' L=504.38'

(2) Δ=44°46'19" R=1057.00' L=825.96'

MEDIAN CURB TRANSITION

STATION	OUT FROM CENTERLINE Rt. Median Curb Face	Lt. Median Curb Face
21+86.66 (nose rad. pt.)	+1' (beg flare)	-7'
22+46.26	+7' (end flare)	—
24+82.19 (BC)	+7'	-0.43'
25+00	+7'	+0.03'
25+25	+7'	+0.52'
25+50	+7'	+1.08'
25+75	+7'	+1.63'
26+00	+7'	+2.19'
26+25	+7'	+2.74
26+36.66	+7'	+3.00' (end trans.)

LEGEND

(1) Protect in place
(2) To be removed
(3) To be relocated by others
(4) Remove and salvage
(5) Sawcut
(6) Join existing and feather to satisfaction of Engineer.
(7) Remove interfering portions.
(8) Match exist. edge of pavement.
(9) Join existing
(10) Adjust to grade
(11) Relocate

CONSTRUCTION NOTES

2 Furnish and place 1.05' AC over NS @ 90% RC.
3 Construct PCC curb and gutter, type A2-8, per EMA Std. Plan No. 104-0-0C.
4 Construct conc. slope lining per details sheet 11.
5 Constr. drainage improvements per Local Drainage improvement plan sheets.
6 Furnish and place 0.45' A.C. over 1.60' (max)A.B./N.S. per plan, profile and typical sections.
7 Furnish and place var. thickness AC cap (min. 0.2') over exist. AC.
8 Construct retaining wall per details sheet 10.
9 Construct PCC sidewalk per EMA STd. Plan No. 1205.
12 Constr. median flare per APWA Std. Plan No. 109-0-0C.
14 Construct access ramp per detail sheet 9.
24 Construct closure wall per details sheet 11.
25 Construct Type 50C concrete median barrier per Caltrans Std. Plan A75A and details sheet 2.
26 Construct median with pattern stamped concrete on 4" sand base (SE>30).
31 Construct metal hand railing, Type B, per APWA Std. Plan No.606-0, post spacing 8' C.C. max.
34 Construct PCC curb and gutter, type A3-8, per APWA Std. Plan No. 104-0.
35 Cold plane AC per typical sections and as directed by Engineer.
36 Remove existing AC pavement.
40 Constr. Local Depression per EMA Std. Plan No. 1308.
41 Construct .12' AC overlay.
45 Construct sidewalk culvert per details sheet 16.
47 Construct Double Thrie Beam Barrier and end anchors & Type 50C Barrier Connection per Caltrans Std. Plan A78C and A78D.

UTILITIES	OWNER
A 10" H.P. Gas	So. Calif. Gas Co.
B Overhead Lines & Poles	Western Union
C Overhead Lines & Poles	Edison Company
D Overhead Lines & Poles	Pacific Bell
E Water Line	City of Fountain Valley
F Storm Drain & RCB	OCFCD

CAUTION: A 10" HIGH PRESSURE GAS LINE RUNS PARALLEL AND BENEATH HARBOR BLVD. CONTRACTOR TO USE EXTREME CARE WHEN WORKING IN VICINITY OF THIS UTILITY.

½ 0 1 2
3 inches on original drawing

RECORD DRAWING

BENCH MARK: 1F 131 69
ABOUT 0.1 MI. NORTH ALONG HARBOR BLVD, FROM THE INT. OF WARNER AVE, TO THE CONCRETE BRIDGE OVERCROSSING OF THE SANTA ANA RIVER; SET IN THE TOP OF THE CONCRETE WALK OF THE SOUTHEAST CORNER OF BRIDGE, DIRECTLY UNDER THE 1934 SCRIBED IN BRIDGE, 10 INCHES HIGHER THAN THE BRIDGE DECK.
1984 ADJUSTMENT ELEVATION: 67.237

MARK	DATE	DESCRIPTION
1	4/95	CHANGE PROFILE ELEV. CHANGE STA. OF CLOSURE WALL & RETAINING WALL

REVISIONS

PREPARED UNDER REGISTERED PROFESSIONAL ENGINEER RICHARD A. HART No. 39595 Exp. 12/31/93 CIVIL STATE OF CALIFORNIA
RICHARD HART
RCE 39595 (12-31-93)
3/4/93 DATE

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
HARBOR BLVD. IMPROVEMENTS

PLAN AND PROFILE
STA. 21+00 to STA. 28+00

DESIGNED R SCHLESINGER
DRAWN S GARCIA CHECKED RAH
SCALE AS SHOWN DATE 3/93 DRAWING NO.
SHEET 5 OF 60