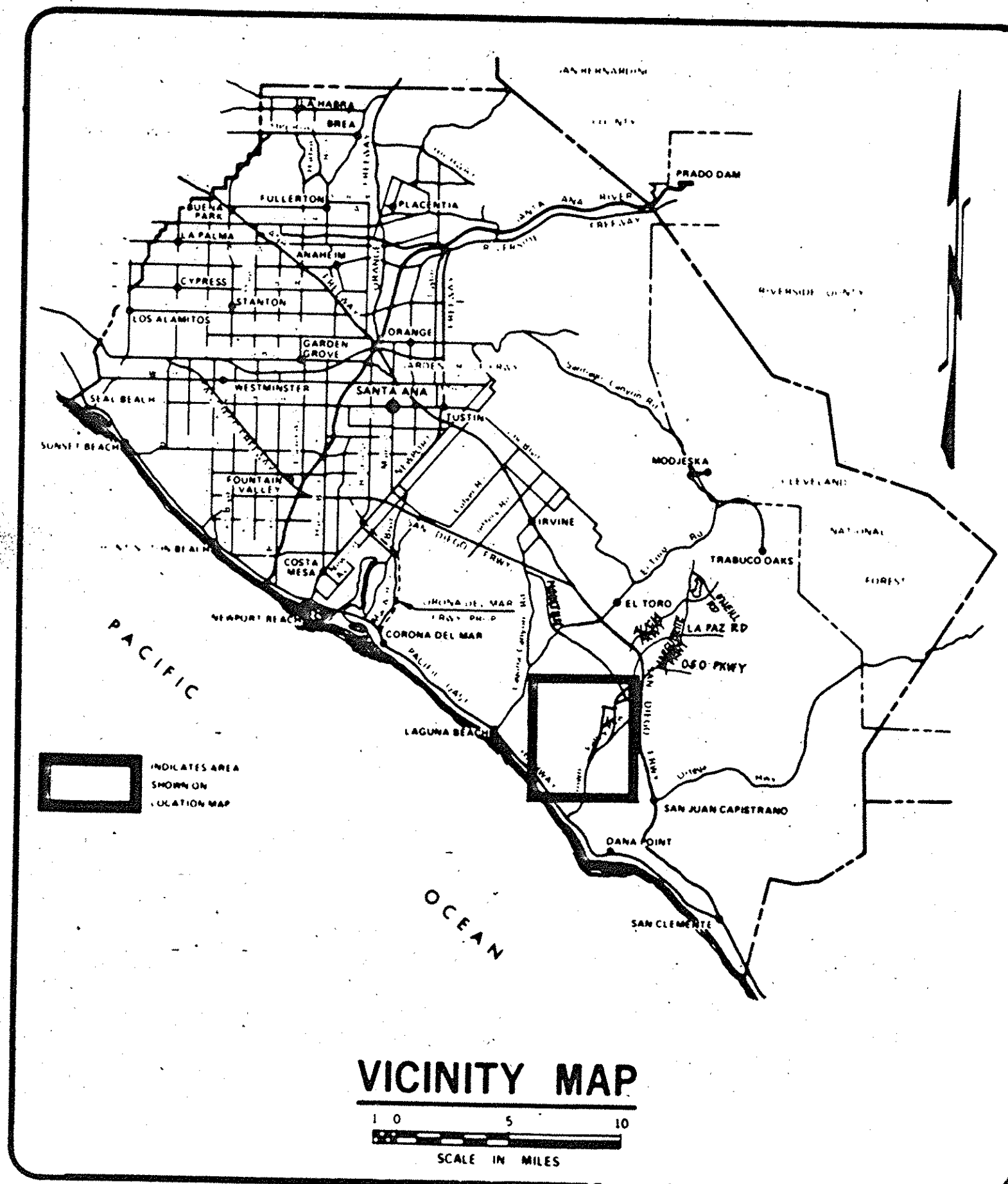


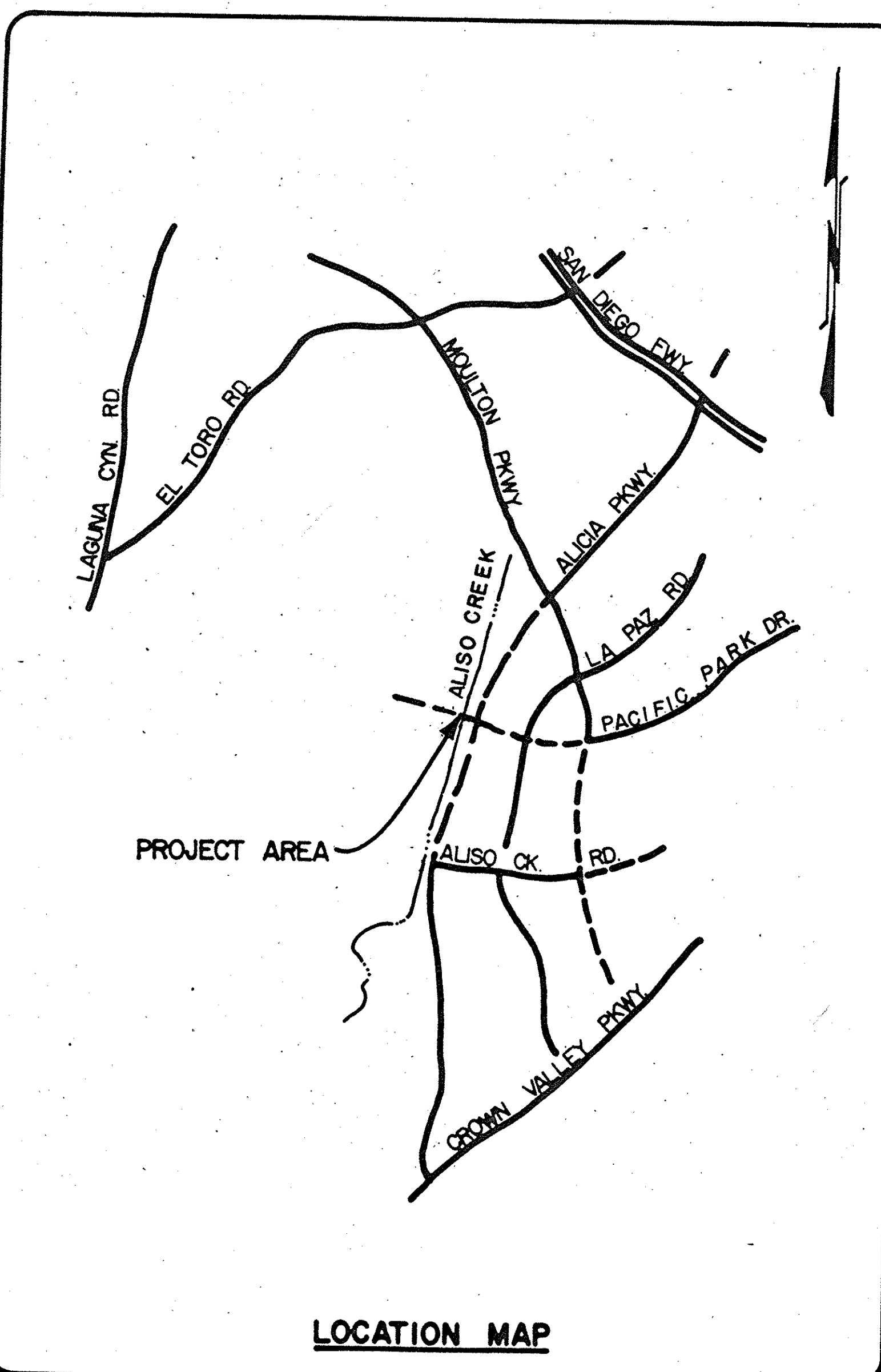
ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
SANTA ANA, CALIFORNIA



PACIFIC PARK DRIVE
BRIDGE

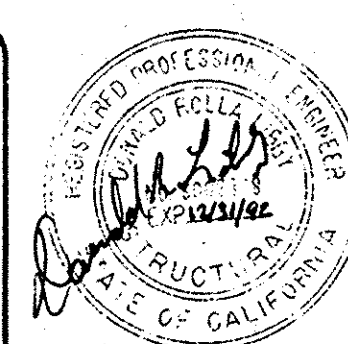
OVER
BICYCLE AND EQUESTRIAN TRAILS
AND AWMA EASEMENT
1300 FT. WEST OF ALICIA PARKWAY

TO BE BONDED WITH TRACT NO. 14331
(SEE SHEET 5 OF PACIFIC PARK DRIVE STREET IMPROVEMENT PLANS,
TRACT 14331 FOR SIGNING AND STRIPING PLAN)



(619) 283-5424
LIBBY
STRUCTURAL
ENGINEERS
4452 GLACIER AVENUE
SAN DIEGO, CALIFORNIA 92120
Donald R. Libby DATE Jan. 16, 1991
DONALD R. LIBBY S.E. 2878

APPROVED FOR MOULTON NIGUEL
WATER DISTRICT
APPROVED *Carlo H. Kach*
DATE 4/6/92



BLOCK 5155,
MODULE 43 & 44

EMA-REGULATION

APPROVED: *Patrick Stanton*
DATE: 4/17/92 RCE

THIS PLAN IS SIGNED BY O.C.E.M.A. REGULATION FOR CONCEPT
AND ADHERENCE TO COUNTY STANDARDS AND REQUIREMENTS ONLY.
O.C.E.M.A. REGULATION IS NOT RESPONSIBLE FOR DESIGN,
ASSUMPTIONS, OR ACCURACY.

ENCROACHMENT PERMIT NUMBERS

92-01628 HE
ROAD RIGHT-OF-WAY PERMIT 92-13248 RC

SOIL ENGINEER AND GEOLOGIST

LEJMAN AND LEE, INC.
23011 MOULTON PARKWAY SUITE 1-4
LAGUNA HILLS, CA 92653
PHONE (714) 581-5730

COUNTY OF ORANGE
E.M.A. TRAFFIC
ENGINEERING DIVISION

By *Shirley R. C.E.*
R.C.E. 34205 DATE 4/4/92

THIS PLAN IS SIGNED BY E.M.A./T.E.D. FOR CONCEPT AND
ADHERENCE TO COUNTY TRAFFIC SIGNAL, SIGNING AND STRIPING
STANDARDS AND REQUIREMENTS ONLY. E.M.A./T.E.D. IS NOT
RESPONSIBLE FOR DESIGN ASSUMPTIONS OR ACCURACY.

INDEX TO PLANS

SHEET NO	TITLE
1	TITLE SHEET
2	GENERAL PLAN
3	DECK CONTOURS
4	ABUTMENT 1 DETAILS
5	ABUTMENT 2 DETAILS
6	TYPICAL SECTION & DRAIN DETAILS
7	GIRDER LAYOUT & UTILITY PLAN
8	PILE & MISCELLANEOUS DETAILS
9	CAST-IN-PLACE PRESTRESS ANCHORAGE-DIAPHRAGM ABUTMENT
10	LOG OF BORINGS

UTILITY	PHONE
ALISO WATER MANAGEMENT AGENCY	586-4200
COUNTY OF ORANGE E.M.A.	567-7800
MOULTON NIGUEL WATER DISTRICT	831-2500
PACIFIC BELL TELEPHONE COMPANY	RICH VALDEZ 259-4465
SOUTHERN CALIFORNIA EDISON COMPANY	BRIAN SMITH 458-4447
SOUTHERN CALIFORNIA GAS COMPANY	MARK PALEN 634-3265
TIMES MIRROR CABLE COMPANY	MIKE KAUFMAN 248-1223
TRI-CITIES MUNICIPAL WATER DISTRICT	259-1540
BARRETT CONSULTING GROUP	
UNDERGROUND SERVICE ALERT	1-800-422-4133

BENCH MARK
3x1969 1976, ELEV. 141.622

ABOUT 1.60 MILES N.E. ALONG ALICIA PKWY.
FROM THE INTERSECTION OF NIGUEL RD. AND
ALICIA PKWY. TO CONSTRUCTION STATION
116+10.00 AT THE CONCRETE BRIDGE
OVERCROSSING OF ALISO CREEK. 60 FT. EAST
OF THE CENTERLINE OF THE PKWY. SET IN
THE TOP OF THE NORTH END OF CONCRETE
HEADWALL OF STRUCTURE OVER CREEK, ABOUT
LEVEL WITH THE STREET.

BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON
A LINE BETWEEN TRIANGULATION STATIONS
"7-8-21" AND "3-2-16-78", BEING
N 29°35'47" W. PER O.S.C. 1-1-75 DATUM
PUBLISHED BY THE ORANGE COUNTY SURVEYOR.

NO.	BY	DESCRIPTION	APPR'D.	DATE
1	CV.	SHT 6: REV. PLACEMENT OF REINF. SHT 4: REV. SHEARKEYS LOCATION FOR ABUT. 1 SHT 1: REV. SHEARKEYS LOCATION	<i>P. Stanton</i>	10/1/93
2	J.S.	SHT. 7: FLARE INSIDE FACE OF GIRDERS ONLY SHT. 6: REV. STIRRUP CLR. DIST. INT. GIRDERS SHT. 4: SEC. B-D REVISE ABUT. #1 PILE CAP REINF. SHT. 2: REVISE TOP OF CURB (T.C.) ELEVATIONS	<i>P. Stanton</i>	8/24/93
3	CV. G.M.	SHT. 1: REV. TRACT NOTE IN TITLE SHT. 2: REV. PROTECTIVE STRUCT. NOTE. LABEL CALTRANS STD. REV. PILE QUANTITY SHT. 4: REV. PILE TIP EL. EAST ABUTMENT W.W.	<i>P. Stanton</i>	3/4/93
4	J.S. NM	SHT. 2: REV. ABUT. FTG. SHOW PROTECTIVE STRUCT., SHOW END OF RET. WALLS, SHOW EXST. UTILS, SHOW CURB HT., REV. NOTES, STD. PLANS & QUANTITIES. SHT. 3: FURNISH NEW CONTOUR SHT. SHT. 4: REV. RET. WALL & FTG. REV. PILE TIP EL. CUT SEC. C-C, REF. STD. PLANS, REM. PERY BACKFILL SEC. A-A, CLARIFY REINF. IN ABT. FTG., REV. BAR LGTH. SEC. A-A SHOW MIN. GRADE CLR. SEC. B-D SHT. 5: REV. RET. WALL & FTG. CUT SEC. C-C, REF. STD. PLANS, REV. UTIL. OPNG. REINF. REV. PILE FTG. SHT. 6: SHOW CURB HT. SHOW REINF. CLR. SHT. 7: REV. STIRRUP SYMB. REV. P/S NOTE #1 SHT. 8: DELETE FTG. STEP DET. REV. WATER UTIL. DET. REV. PILE WELD, REV. S.C. EDISON NOTE		

REVISIONS

DWG. NO. 2721

SHEET 1 OF 10