



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

SANTA ANA, CALIFORNIA
JOHN W. SIBLEY, ACTING DIRECTOR

PLANS FOR CONSTRUCTION OF ANTONIO PARKWAY PHASE II ORTEGA HIGHWAY TO 8,340 FT NORTHERLY

FUNDED BY: ROAD FUNDS

EMA - PUBLIC WORKS

SUBMITTED: *[Signature]* ROAD DESIGN CHIEF

RECOMMENDED: *[Signature]* DESIGN DIVISION MANAGER

APPROVED: *[Signature]* DIRECTOR OF PUBLIC WORKS

DATE: 11/1/96

DATE: 2-21-99

DATE: 11/1/96

REVISIONS				
NO.	DESCRIPTION	SHEETS	APPROVED	DATE
1	REVISED NOTE	38, 39, 40, 41, AND 42	<i>[Signature]</i>	12-24
2	REVISED SECTION	38, 39, 40, 41, 42, 43, AND 44	<i>[Signature]</i>	12-24
3	REVISED DETAIL	40, 41, AND 42	<i>[Signature]</i>	12-24
4	REVISED TERRACE DRAIN	ADDED 7D, 8D, 9E, 10E, 11E, 12E	<i>[Signature]</i>	12-24
5	ADDITION OF C/DH @ BENT 2	60 AND 63	<i>[Signature]</i>	12-24
6	AS BUILT SHOWN	51, 52, 54, 64	<i>[Signature]</i>	12-24
		7, 8, 9, 10, 11, 21, 22, 26		
		27, 31, 32, 33, 37, 44, 86, 88		

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	CONSTRUCTION NOTES
4	TYPICAL PAYLINE SECTIONS
5	INDEX MAPS
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20-25	STORM DRAIN - PLAN
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43-44	CROSS DRAINAGE
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83-85	SMWD LAND OUTFALL RELOCATION
86-87	SMWD ACCESS ROAD RELOCATION
88-119	CROSS SECTIONS
120-126	GEOTECHNICAL PLATES

UTILITY OWNER	PHONE NO.	CONTACT
SANTA FE PACIFIC PIPELINE PARTNERS	(714) 560-4944	GEORGE REED
SAN DIEGO GAS & ELECTRIC	(714) 361-8047	PATTI GOOD
THE GAS COMPANY	(714) 634-3041	JIM BEVANS
PACIFIC BELL	(714) 348-0595	SANDY WALTER
PACIFIC BELL	(714) 666-5707	BILL LOWING
COX COMMUNICATIONS	(714) 220-8828	MARTY ZUPANCIC
CAPISTRANO VALLEY WATER DISTRICT	(714) 493-1515	CRAIG HARRIS
SANTA MARGARITA WATER DISTRICT	(714) 459-6582	JAIME AGUILAR
SAN JUAN BASIN AUTHORITY	(714) 489-7735	MATT SMITH
SANTA MARGARITA RANCH OPERATIONS	(714) 493-1571	GARY JACKSON

BENCH MARK:

THE ELEVATIONS SHOWN HEREON ARE IN TERMS OF THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, BASED LOCALLY UPON THE ORANGE COUNTY SURVEYOR'S 1995 ADJUSTMENT FOR BENCHMARKS OSO-C-91: ELEVATION 540.048' AND Y-312: ELEVATION 282.478'

OSO-C-91 IS AN OSC 3 3/4" ALUMINUM BENCHMARK DISK STAMPED "OSO-C-91" FLUSH IN A CONCRETE CATCH BASIN, ESTABLISHED BY OCS IN 1991.

Y-312 IS STANDARD 3" BRONZE DISK ESTABLISHED BY USC & GS IN 1935.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING BETWEEN OCS HORIZONTAL CONTROL STATION GPS #0198 AND STATION GPS #0742, BEING N 59°45'19" E, PER RECORDS ON FILE AT THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, 1983 NAD (1991.35 EPOCH ADJUSTMENT).

DR. 3 (16158)