



Q RAMP CURVE DATA

① Δ=38°29'56"
R=115.00'
L=77.27'

BASIS OF STATIONS

D03 CHANNEL
STATIONING SHOWN HEREON IS BASED ON ARMY CORPS OF ENGINEERS PLAN D03-101-6-R, SHEET C17 OF C45, HOLDING STA.157+57.75 AT THE B.C. DOWNSTREAM OF P.I. "J".
CORPS OF ENGINEERS STATIONING AND ALL CURVE DATA ON THE CONST. C/L OF D03 CHANNEL IS SHOWN IN GRID DISTANCES ON SAID PLANS. SEE SURVEYOR'S NOTE.
GISLER AVE.
STATIONING SHOWN HEREON IS ASSUMED, HOLDING STATION 10+00.00 AT THE INTERSECTION OF C/L GISLER AVE. WITH C/L IOWA ST.

NOTE :
IMPROVEMENTS AT GISLER AVE./IOWA ST. INTERSECTION TO BE DONE BY OTHERS.

STA.10+00.00 @ GISLER AVE.
STA.12+54.64 RAMP

CONSTRUCTION NOTES

- 1 CONSTRUCT BICYCLE/MAINTENANCE BRIDGE PER PLAN AND DETAILS.
- 2 CONSTRUCT 0.35'AC/0.50'AB BRIDGE RAMP AND MAINTENANCE ROADWAY PER PLAN, PROFILE AND DETAILS.
- 3 CONSTRUCT MASONRY BLOCK RETAINING WALL PER PF&RD STANDARD PLAN 618-0-OC, PLAN, PROFILE AND DETAILS SHEETS 5&6 AND AS DIRECTED BY ENGINEER.
- 4 INSTALL 6' HIGH CHAIN LINK FENCE PER PF&RD STANDARD PLAN 600-0-OC AND PLAN.
- 5 INSTALL 16' WIDE BY 6' HIGH DOUBLE-SWING CHAIN LINK GATES PER PF&RD STANDARD PLAN 600-0-OC AND PLAN.
- 6 INSTALL GUARD CABLE FENCE PER PF&RD STANDARD PLAN 1413 AND PLAN.
- 7 CONSTRUCT INLET TYPE V PER PF&RD STANDARD PLAN 1305, PLAN AND DETAILS.
- 8 CONSTRUCT REINFORCED CONCRETE COLLAR PER PF&RD STANDARD PLAN 1317, PLAN AND DETAILS.
- 9 INSTALL RCP PER PLAN AND DETAILS SHEET 5.
- 10 PLACE RIPRAP ALONG GRADED SLOPE PER PLAN, DETAILS AND SPECIAL PROVISIONS.
- 11 CONSTRUCT VARIABLE THICKNESS AC OVERLAY PER PLAN AND AS DIRECTED BY THE ENGINEER.
- 12 CONSTRUCT ABM SLOPE LINING PER PLAN AND DETAILS.
- 13 CONSTRUCT 0.25'AC/NS PER PLAN & DETAILS.
- 14 CONSTRUCT JUNCTION STRUCTURE TYPE VI PER PF&RD STANDARD PLAN 1315, DETAILS AND AS DIRECTED BY THE ENGINEER.
- 15 INSTALL CONCRETE FLARED END SECTION PER CALTRANS STD. PLAN D94B, PLANS, SPECIAL PROVISIONS AND AS DIRECTED BY ENGINEER.
- 16 INSTALL PVC PIPE PER PLAN, DETAILS & SPECIAL PROVISIONS, SIZE, LENGTH & NUMBER PER PLAN.
- 17 INSTALL CULVERT MARKER PER PF&RD STD. PLAN 1402 AND PLAN.

UTILITIES	OWNER
A	CSDOC
B	SOUTHERN CALIFORNIA GAS
C	MESA CONSOLIDATED WATER DISTRICT
D	COSTA MESA SANITATION DISTRICT
E	CITY OF COSTA MESA
F	ORANGE COUNTY WATER DISTRICT
G	SOUTHERN CALIFORNIA EDISON
H	COLONY CABLE

SURVEYORS NOTE

THIS TOPOGRAPHIC MAP WAS DONE IN 1983 NAD COORDINATES, (1991.35 EPOCH OCS GPS ADJUSTMENT), WITH 1927 NAD (11-1-75 OCS ADJUSTMENT) EQUIVALENT COORDINATES SHOWN ON SELECTED POINTS.
THE 1983 GRID COORDINATES SHOWN HEREON WERE DERIVED FROM A HELMUT TRANSFORMATION OF 1927 COORDINATES SHOWN ON [R1] AND COORDINATES CALC'D FROM [R2].
THE ARMY CORPS OF ENGINEERS PLANS FOR D03 CHANNEL WERE DONE IN 1927 COORDINATES. ALL CORPS STATIONING FOR THE CONSTRUCTION CENTERLINE OF D03 CHANNEL WAS DONE IN GRID. IT IS NOT POSSIBLE TO OBTAIN AN EXACT TRANSFORMATION BETWEEN 1927 AND 1983 GRID COORDINATES.
THEREFORE, INVERSE DISTANCES FROM 1983 COORDINATES SUPPLIED WITH THIS SURVEY WILL NOT MATCH THE CORPS OF ENGINEERS VALUES EXACTLY. THE DIFFERENCE IS SMALL, HOWEVER, BEING NO MORE THAN 0.05' IN 12,000'.

LEGEND

- 1 PROTECT IN PLACE
- 2 REMOVE
- 3 ADJUST TO GRADE
- 4 SAWCUT/JOIN
- 5 REMOVE AND RELOCATE AS SHOWN ON PLAN
- 6 TO BE RELOCATED BY OTHERS
- 7 REMOVE INTERFERING PORTIONS
- 8 JOIN EXISTING PAVEMENT AND FEATHER TO MATCH EXISTING
- 9 GRADE TO DRAIN
- 10 WORK BY OTHERS

1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY PUBLIC FACILITIES & RESOURCES DEPARTMENT	
BRIDGE OVER GREENVILLE-BANNING CHANNEL @ WESTERLY END OF GISLER AVENUE	
APPROACH RAMP DETAILS	
DESIGNED TR	SHEET 4 OF 7
DRAWN HP	CHECKED EK
SCALE AS SHOWN	DATE
DATE	

REVISIONS

MARK	DATE	DESCRIPTION

REGISTERED CIVIL ENGINEER

NO. C 48526

EXP. 6-30-00

TED RIGONI

*48526 (EXP. 6/30/00)