



ORANGE COUNTY
RESOURCES & DEVELOPMENT
MANAGEMENT DEPARTMENT
SANTA ANA, CALIFORNIA
BRYAN G. SPEEGLE, DIRECTOR
PLANS FOR CONSTRUCTION OF
GLASSELL STREET BRIDGE WIDENING
OVER SANTA ANA RIVER CHANNEL
BRIDGE NO. 55C-0130

FUNDED BY: COUNTY ROAD FUNDS, HBRR, SAREEF AND CITY OF ORANGE
(HBRR: FEDERAL PROJECT# BHLS-5955(045); STATE EA# 12-931660)

MAINTAINED BY
THE COUNTY WILL OWN AND MAINTAIN THE BRIDGE AND STREET IMPROVEMENTS WITHIN THE UNINCORPORATED COUNTY LIMITS WITH EXCEPTION OF MAINTENANCE AND ENERGY CHARGES FOR ALL STREET LIGHTS WHICH WILL BE BORNE BY THE CITY OF ORANGE PER AGREEMENT NO. D00-104. AT PROJECT'S NOTICE OF COMPLETION, THE CITY OF ORANGE AND THE CITY OF ANAHEIM WILL OWN AND MAINTAIN BRIDGE AND OR STREET IMPROVEMENTS WITHIN THEIR RESPECTIVE CITY LIMITS.

COST REDUCTION INCENTIVE PROPOSAL (CRIP)
BRIDGE PRE-CAST ELEMENTS REPLACED WITH CAST-IN-PLACE ALTERNATIVE FOR THE SUPERSTRUCTURE PER CONTRACT CHANGE ORDER NO.3 TO AGREEMENT NO.D04-065.
APPROVED: DIRECTOR PUBLIC WORKS/CHIEF ENGINEER, RDMD DATE
APPROVED: PUBLIC WORKS DIRECTOR/CITY ENGINEER, CITY OF ORANGE DATE

APPROVALS
APPROVED FOR WORK WITHIN THE CITY OF ORANGE LIMITS
APPROVED: PUBLIC WORKS DIRECTOR/CITY ENGINEER DATE 4-12-04
APPROVED FOR WORK WITHIN THE CITY OF ANAHEIM LIMITS
APPROVED: DIRECTOR PUBLIC WORKS/CITY ENGINEER DATE 4-20-04
APPROVED FOR WORK WITHIN OCWD RIGHT-OF-WAY
APPROVED: ASSOCIATE GENERAL MANAGER DATE 4-15-04

RESOURCES & DEVELOPMENT MANAGEMENT DEPARTMENT
APPROVED FOR WORK WITHIN THE UNINCORPORATED COUNTY LIMITS
SUBMITTED: ROAD DIVISION/CAPITAL PROJECTS DATE 4/22/04
RECOMMENDED: ROAD DIVISION MANAGER DATE 4/23/04
APPROVED: DIRECTOR PUBLIC WORKS/CHIEF ENGINEER DATE 4/24/04

PREPARED BY
W. Koo & Associates, Inc.
600 The City Parkway West, Suite 310
Orange, CA 92668
PH: (714) 456-0280
FAX: (714) 456-0295
PREPARED UNDER RESPONSIBLE CHARGE OF:
DATE 4-12-04

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2	KEY MAP AND PROJECT CONTROL
3	CIVIL GENERAL NOTES AND ABBREVIATIONS
4	SURVEY CONTROL SCHEMATIC
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6	GLASSELL APPROACH MODIFICATION PLAN
7	MAINTENANCE ROAD/BIKEWAY (MR/BW) TYPICAL SECTIONS
8-9	MAINTENANCE ROAD/BIKEWAY (MR/BW) PLAN AND PROFILE
10	VEHICULAR RAMP TYPICAL SECTIONS
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29-30	LIGHTING PLAN
31-32	UTILITY PLAN
33-70	GLASSELL ST BRIDGE WIDENING

UTILITY OWNER	PHONE NO.	CONTACT
CITY OF ORANGE WATER DEPARTMENT	(714) 288-2475	RAMONA TAKAHASHI
CITY OF ORANGE, TRAFFIC	(714) 744-5536	ROGER HOHNBAUM
CITY OF ANEHEIM WATER DEPARTMENT	(714) 744-4129	MIKE JOUHARI
CITY OF ANEHEIM SEWER DEPARTMENT	(714) 765-5259	MARK KOMOTO
CITY OF ANEHEIM ELECTRIC DEPARTMENT	(714) 765-4271	TIMOTHY BASS
COMCAST (Formerly AT&T Broadband)	(909) 549-3977	MARK O'MARA
SEMPRA ENERGY (Formerly The Gas Company)	(714) 634-3034	BOB TRENTON
SOUTHERN CALIFORNIA EDISON	(714) 973-5449	JOHN BLOKZYL
ORANGE COUNTY WATER DISTRICT	(714) 378-3329	RICK MENDOZA
ORANGE COUNTY SANITATION DISTRICT	(714) 593-7318	BOB CHENOWITH
SBC (Formerly Pacific Bell)	(714) 666-5467	LESLIE WOOLSLAIR
THE GAS COMPANY - TRANSMISSION	(818) 701-4546	RON DIETL
SCE TRANSMISSION - REAL ESTATE	(714) 536-6854	ANITA VALKO
LEVEL 3 COMMUNICATIONS	(858) 292-2134	ERNIE MORRIS

DESIGN DEVIATION
PROFILE GRADE OF 0% NEEDED TO MATCH THAT OF THE EXISTING BRIDGE STRUCTURES. INLETS WERE SPACED TO MINIMIZE PONDING.
APPROVED: DIRECTOR PUBLIC WORKS/CHIEF ENGINEER DATE 4/24/04

BENCH MARK
THE ELEVATIONS NOTED HEREON ARE IN TERMS OF NGVD OF 1929, BASED LOCALLY UPON OCS 1976 ADJUSTMENT FOR BENCHMARK OCS BM 1L-61-82: ELEVATION 232.099
RECORD DRAWINGS
START : 2 / 4 / 05
COMPLETED : 7 / 17 / 06
RE : BRYAN MCKINNEY
INSP : CALOPEZ / B VALLE

NO.	DESCRIPTION	SHT.	APPROVED	DATE
REVISIONS				

W. O. NO. ER08933
DWG. NO.