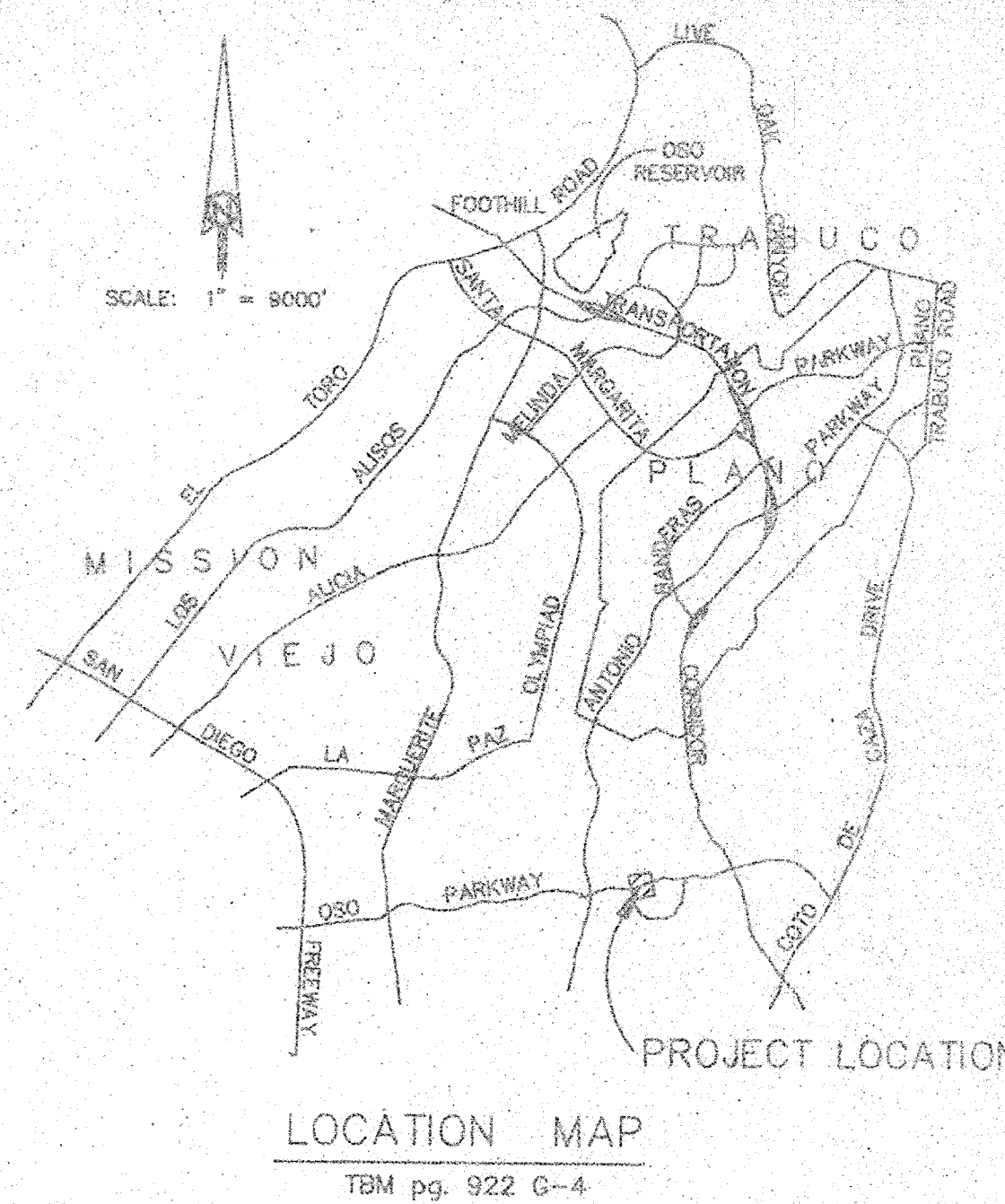


IMPROVEMENT PLANS FOR
OSO PARKWAY PEDESTRIAN BRIDGE
LAS FLORES (CITY)
ACROSS MEANDERING TRAIL



GENERAL NOTES
STREET IMPROVEMENTS

- THIS NOTE HEREIN INCORPORATES, BY REFERENCE, THOSE GENERAL NOTES NUMBERED 1 THROUGH 22 OF PF&RD STANDARD PLAN 1801, 1998 EDITION.
- ALL WORK MUST BE IN CONFORMANCE WITH THE CURRENT ORANGE COUNTY PF&RD STANDARD PLANS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITIONS, WHICH MUST BE KEPT ON THE WORKSITE AT ALL TIMES.
- THE DEVELOPER SHALL TELEPHONE PF&RD/PUBLIC WORKS/CONSTRUCTION AT 567-7800 AT LEAST 24 HOURS PRIOR TO STARTING CONSTRUCTION WORK SUBJECT TO PF&RD/PUBLIC WORKS' INSPECTION.
- PF&RD ENCROACHMENT PERMIT REQUIRED. PF&RD APPROVED PLANS DO NOT RELIEVE CONTRACTOR/DEVELOPER FROM RESPONSIBILITY TO OBTAIN A PUBLIC PROPERTY PERMIT WHICH SHALL BE AVAILABLE ON THE JOB AT ALL TIMES WORK IS BEING ACCOMPLISHED IN THE PUBLIC RIGHT-OF-WAY.
- ALL CONCRETE CURB AND GUTTER FLOWLINES WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL FINISHING TO INSURE PROPER DRAINAGE WITHOUT UNACCEPTABLE HIGH OR LOW SPOTS.
- ALL UTILITY TRENCH BACKFILL AND COMPACTION INSPECTION SHALL BE PERFORMED BY PF&RD CONSTRUCTION.
- ALL DAMAGED CONCRETE SIDEWALKS OR CURBS SHALL BE SAWCUT TO THE NEAREST TRANSVERSE SCORE MARK OR ADJUSTABLE CONTROL JOINT OR WEAKENED PLANE JOINT AND REPLACED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF PF&RD STANDARD
- DEVELOPER SHALL MAINTAIN ADJACENT STREETS IN A NEAT, CLEAN, DUST FREE AND SANITARY CONDITION AT ALL TIMES AND TO THE SATISFACTION OF COUNTY'S INSPECTOR. THE ADJACENT STREET SHALL BE KEPT CLEAN OF DEBRIS, WITH DUST AND OTHER NUISANCE BEING CONTROLLED AT ALL TIMES. DEVELOPER SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON ADJACENT STREET AFFECTED BY HIS CONSTRUCTION. METHOD OF STREET CLEANING SHALL BE BY DRY SWEEPING OF ALL PAVED AREAS. NO STOCKPILING OF BUILDING MATERIALS WITHIN THE COUNTY RIGHT-OF-WAY WITHOUT THE PERMISSION OF COUNTY'S INSPECTOR.
- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL STREET PAVEMENT, STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION PROJECT WILL BE RESTORED TO A "LIKE NEW" CONDITION, IN A MANNER MEETING THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS. ALL STRIPING AND STENCILING SHALL BE ACCORDING TO STANDARD PLAN NO. 1801, NOTE 18.
- TRAFFIC SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED WITH ADEQUATE BARRICADES, LIGHTS, SIGNS AND WARNING DEVICES AS PER THE CURRENT STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, MANUAL OF TRAFFIC CONTROLS, AND TO THE DIRECTIONS OF THE COUNTY'S INSPECTOR.
- PF&RD STANDARD PLANS SHALL TAKE PRECEDENCE OVER ANY CONFLICTS EXCEPT FOR STANDARD PLANS AFFECTING UTILITY COMPANIES, IF THEIR STANDARDS ARE MORE STRINGENT.
- ALL TRAFFIC MARKINGS AND STRIPING SHALL BE STENCILS WHICH CONFORM WITH FEDERAL TRANSPORTATION METRIC STANDARDS.
- SURVEY MONUMENTS SHALL BE PRESERVED AND REFERENCED BEFORE CONSTRUCTION AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8771 OF THE BUSINESS AND APPROVAL.
- WHEREVER EXISTING PAVEMENT JOINS ANY PROPOSED PAVEMENT, DEVELOPER SHALL SAWCUT, OVERLAY OR COLD PLANE TO PROVIDE A UNIFORM 1.7% CROSSFALL TO THE SATISFACTION OF PF&RD FIELD INSPECTOR.
- ALL INSTALLATIONS AND WORK AFFECTING COUNTY PROPERTIES OR FACILITIES SHALL CONFORM WITH STANDARD SPECIFICATIONS, STANDARD PLANS, AND WITH THE PROVISIONS OF THE CONSTRUCTION PERMIT GRANTED BY COUNTY'S PUBLIC PROPERTY PERMITS DIVISION. CONTRACTOR SHALL MAINTAIN A COPY OF SAID PERMIT AND STAMPED PLANS ON THE JOB SITE. USE OF COUNTY PROPERTY AND CONFORMANCE WITH THE ABOVE SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY COUNTY'S DUTY ASSIGNED INSPECTOR.

NOTICE TO CONTRACTORS

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS, AND THOSE SHOWN ON THE RECORDS EXAMINED, ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS PURSUANT THERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THOSE REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION" OF THE U.S. DEPARTMENT OF LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUB-CONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

THE ESTIMATED QUANTITIES HEREON ARE ONLY FOR THE PURPOSE OF OBTAINING THE NECESSARY PERMITS, AND WILLIAMSON & SCHMID DOES NOT GUARANTEE THE ACCURACY OF THE ESTIMATED QUANTITIES. THE CONTRACTOR SHALL PERFORM HIS OWN QUANTITY TAKEOFF BEFORE SUBMITTING A BID FOR ANY PORTION OF THE IMPROVEMENTS COVERED BY THESE PLANS.

UNAUTHORIZED CHANGES & USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

BRIDGE CONSTRUCTION TO BE IN ACCORDANCE WITH GEOTECHNICAL REPORT BY GOFFMAN, MCCORMICK AND URBAN, INC. DATED 11/26/97

NOTICE TO CONTRACTOR

PURSUANT TO ASSEMBLY BILL 3019, NO EXCAVATION PERMIT IS VALID UNLESS THE FOLLOWING IS PERFORMED:

- UNDERGROUND SERVICE ALERT HAS BEEN CONTACTED AND HAS PROVIDED INQUIRED I.D. NUMBER.
- THE UNDERSIGNED AGREES TO CONTACT AND OBTAIN AN INQUIRED I.D. NUMBER FROM UNDERGROUND SERVICE ALERT (1-800-422-4133) AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

BENCH MARK ORANGE COUNTY BENCH MARK DESIGNATION 3EE-8-72 LOCATED APPROXIMATELY 4000 FEET NORTHERLY OF CENTERLINE INTERSECTION OF OSO AND ANTONIO PARKWAYS, AND 700 FEET WESTERLY OF CENTERLINE OF ANTONIO PARKWAY, 90 FEET NORTHEAST OF HORIZONTAL CONTROL STATION 3-2-5-7-7. 3 FEET EAST OF A STEEL WITNESS POST, SET IN THE TOP OF A CONCRETE POST, 0.6 FEET HIGHER THAN GROUND. 1976 ADJUSTMENT ELEV. = 643.748	OWNER/DEVELOPER LAS FLORES COMMUNITY L.P. 600 ANTON BLVD STE 1350 COSTA MESA, CALIFORNIA 92626 (714) 825-1750	MAINTENANCE NOTE THE PEDESTRIAN BRIDGE IS A PRIVATELY OWNED AND MAINTAINED FACILITY AND WILL BE MAINTAINED BY THE LAS FLORES COMMUNITY, LP., ITS SUCCESSORS OR ASSIGNS.	HUITT-ZOLIARS Huitt-Zoliars, Inc. 15101 Red Hill Avenue, Tustin, CA 92780 (714) 258-7900 PREPARED UNDER THE SUPERVISION OF <i>William Earl</i> VILLAGE H. SART CIVIL DATE OF CALIFORNIA 1-20-98
BASIS OF BEARINGS THE BEARINGS SHOWN ON THESE PLANS ARE BASED UPON THE LINE BETWEEN TRANSLATION STATIONS (N65 BRASS CAP STAMPED PLANO 1039) AND (OCS 6-7-10) BEING N9°01'32"E PER THE CALIFORNIA COORDINATE SYSTEM ZONE 14, 1979 DATUM ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR	ENCROACHMENT PERMIT NO. 97-02332-RE COUNTY OF ORANGE APPROVED PLANS DO NOT RELIEVE CONTRACTOR/DEVELOPER FROM RESPONSIBILITY TO OBTAIN PUBLIC PROPERTY PERMIT WHICH SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES WHEN WORK IS BEING ACCOMPLISHED IN PUBLIC RIGHT OF WAY	COUNTY OF ORANGE PLANNING AND DEVELOPMENT SERVICES THIS PLAN IS SIGNED BY PLANNING AND DEVELOPMENT SERVICES FOR CONCEPT AND ADHERENCE TO COUNTY STANDARDS AND REQUIREMENTS ONLY. PLANNING & DEVELOPMENT SERVICES IS NOT RESPONSIBLE FOR DESIGN ASSUMPTIONS OR ACCURACY. <i>Patrick Stanton</i> APPROVED BY R.C.E. NO. 4/20/98 DATE	IMPROVEMENT PLANS FOR OSO PARKWAY PEDESTRIAN BRIDGE LAS FLORES (CITY) ACROSS MEANDERING TRAIL SHEET 1 OF 10 SHEETS 10-0492-01