

CONSTRUCTION NOTES:

- 1 INSTALL 24 STRAND SINGLE MODE FIBER OPTIC CABLE (24-SMFO) AND 6 PAIR SIGNAL INTERCONNECT (6PR SIC) IN EXISTING CONDUIT FROM TRAFFIC SIGNAL CABINET TO TRAFFIC SIGNAL CABINET.
- 2 INSTALL FIBER DISTRIBUTION UNIT (FDU) AND IP COMMUNICATIONS EQUIPMENT PER SPECIFICATIONS IN TRAFFIC SIGNAL CABINET.
- 3 COIL 10' OF 24-SMFO IN EXISTING PULLBOX.
- 4 REMOVE EXISTING INTERCONNECT CABLE FROM CONDUIT

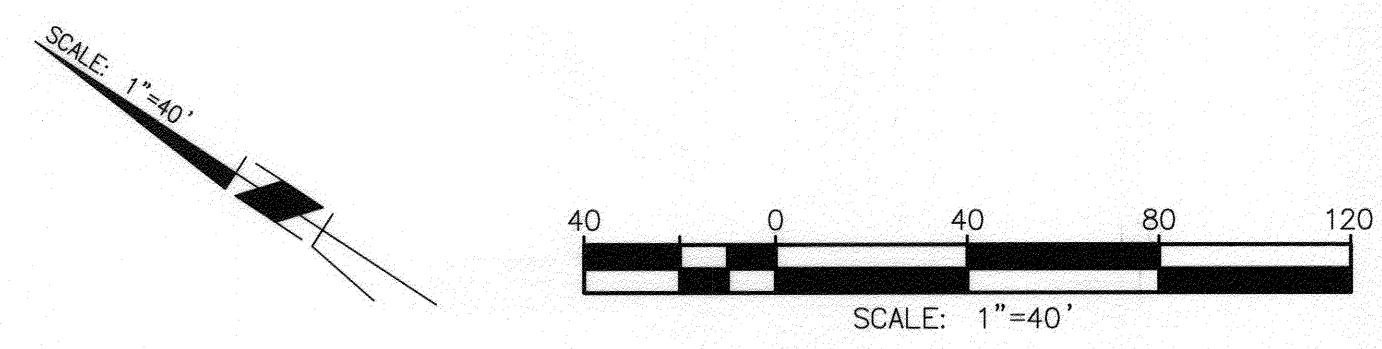
TRAFFIC SIGNAL GENERAL NOTES:

- 1. ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2006; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2012; AND THE SPECIAL PROVISIONS.
- 2. UTILITIES SHOWN ON THE PLAN ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL KNOWN SUBSTRUCTURES PRIOR TO DOING WORK THAT MAY DAMAGE OR INTERFERE WITH SUCH FACILITIES ("UNDERGROUND SERVICE ALERT" (800) 227-2600)
- 3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO NOTIFY ALL AFFECTED AGENCIES AND THE RIVERSIDE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
- 4. PULL BOXES SHALL BE No. 6 WITH FIBERLITE LIDS LABELED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED ON THE PLAN.
- 5. PULL BOXES SHALL NOT BE LOCATED IN OR WITHIN 1' OF ANY CURB ACCESS RAMP OR DRIVEWAY.
- 6. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
- 7. ALL LANDSCAPING WHICH IS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY AND THE PROPERTY OWNER.
- 8. SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY OF RIVERSIDE TRAFFIC SIGNAL MAINTENANCE YARD.
- 9. DAMAGED SIDEWALK CONCRETE SHALL BE REPLACED PER CITY OF RIVERSIDE STANDARD.
- 10. THE CONTRACTOR SHALL REMOVE ALL UNUSED PULL BOXES AND RE-PAVE SURROUNDING AREA TO MATCH EXISTING OR PROPOSED GRADE. ALL UNUSED CONDUIT SHALL BE ABANDONED AND CAPPED ONCE UNUSED CONDUCTORS ARE REMOVED.
- 11. ALL CONTRACTORS WORKING ON OR AROUND THE CITY OF RIVERSIDE'S UNDERGROUND ELECTRICAL FACILITIES MUST HAVE THE PROPERLY QUALIFIED PERSONNEL AND EQUIPMENT TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO ESTABLISH AND MAINTAIN A SAFE WORKING ENVIRONMENT INCLUDING, BUT NOT LIMITED TO WORK AROUND ENERGIZED HIGH VOLTAGE FACILITIES, GAS TESTING OF CONFINED SPACES, TRAFFIC AND PROTECTION.

EVERY ENTRY BY ANY PERSONNEL INTO A PUBLIC UTILITIES HIGH VOLTAGE STRUCTURE WILL REQUIRE THE PRESENCE OF A QUALIFIED ELECTRICAL WORKER IN ACCORDANCE WITH Cal/OSHA. ALL DEVELOPERS AND CONTRACTORS ARE REQUIRED TO SUBMIT REQUIRED DOCUMENTATION AND FOLLOW REQUIRED PROCEDURES. COPIES OF THE POLICY AND DOCUMENTS MAY BE OBTAINED AT 3901 ORANGE ST. RIVERSIDE, CA OR AT WWW.RIVERSIDEPUBLICUTILITIES.COM

FIBER/INTERCONNECT QUANTITIES - THIS SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT
1	24-SMFO CABLE	3070	LF
2	6PR SIC CABLE	3000	LF
3	FIBER DISTRIBUTION UNIT AND IP EQUIPMENT	2	EA



Under Ground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE

Gilbert M. Hernandez

GILBERT M. HERNANDEZ
R.C.E. No. 69170 EXPIRES: 6-30-14
DATE: 4-3-2013

MARK	REVISIONS	APPR. DATE

DESIGNED BY: RDO DRAWN BY: RDO CHECKED BY: GMH

**CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS**

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	FM	4-10-13	<i>[Signature]</i>
CONSTRUCTION ADMIN.	DL	4/17/13	CITY ENGINEER
TRAFFIC DIVISION	Z	4/15/13	DATE: 4/17/2013

FIBER AND INTERCONNECT

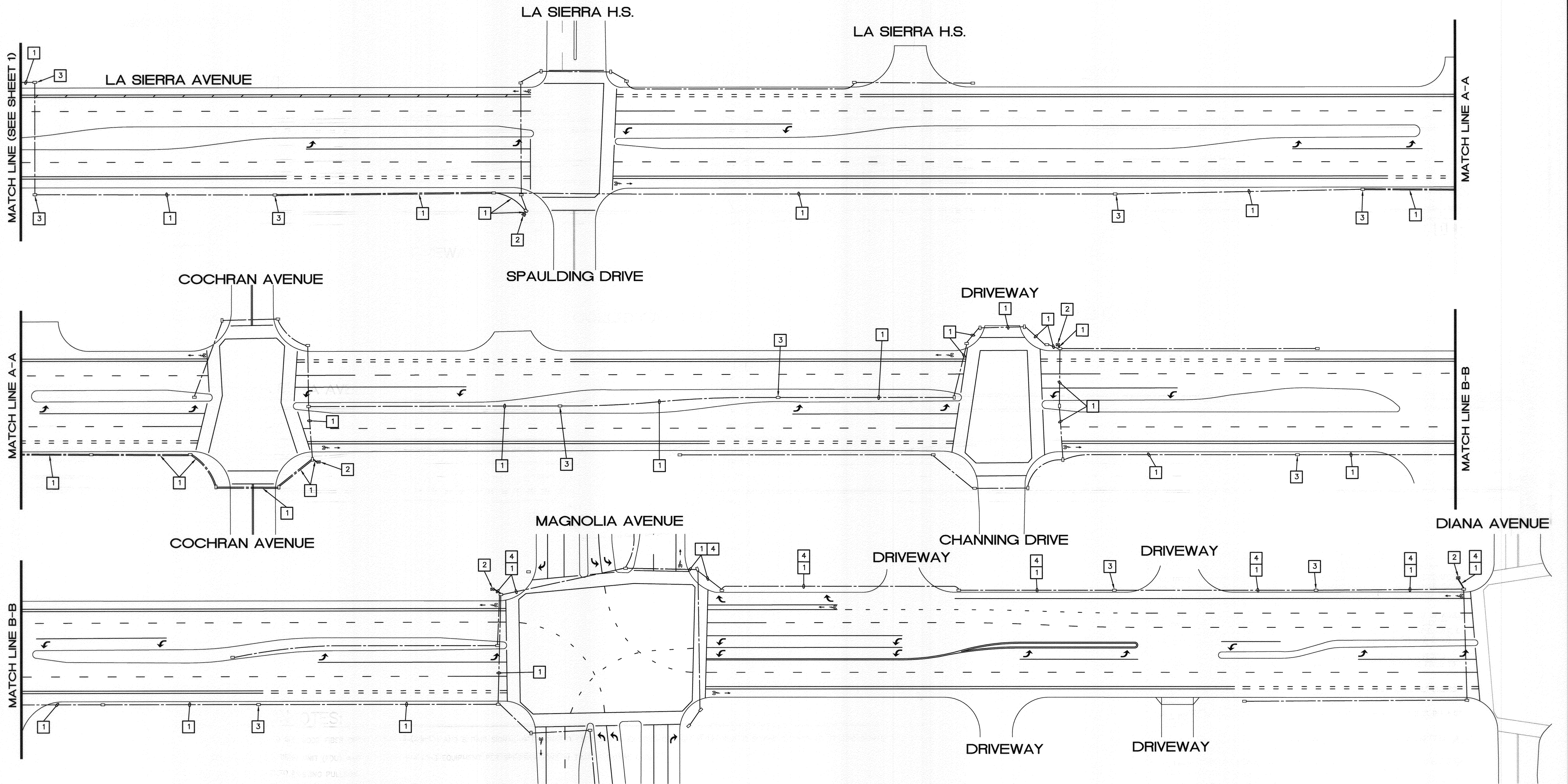
**LA SIERRA AVENUE
FROM SCHUYLER AVE
TO DIANA AVE**

SCALE: 1" = 40'

X-065

SHEET **1** OF **2**

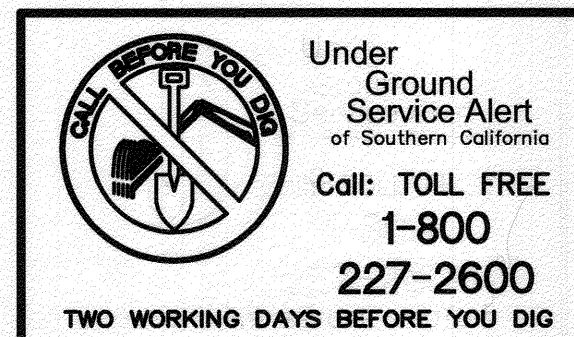
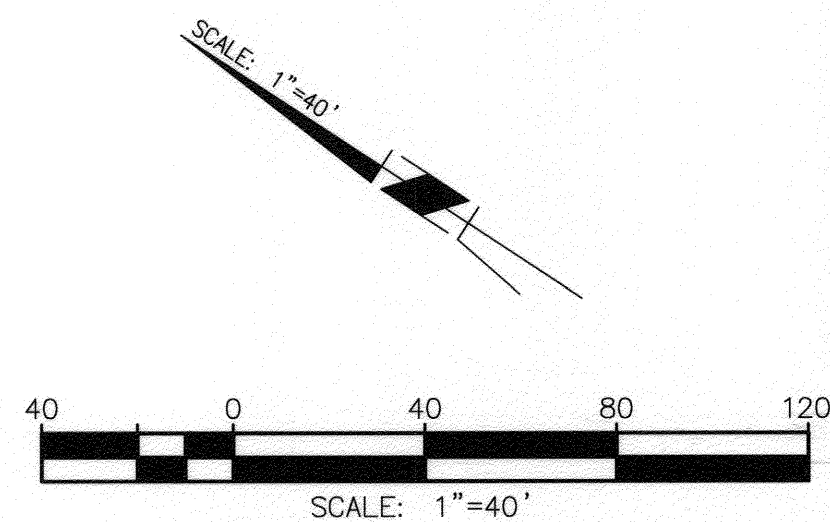
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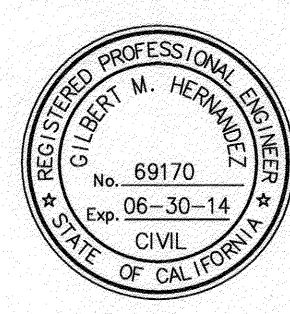
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ITEM	DESCRIPTION	QUANTITY	UNIT
1	24-SMFO CABLE	4910	LF
2	6PR SIC CABLE	4800	LF
3	FIBER DISTRIBUTION UNIT AND IP EQUIPMENT	5	EA



ENGINEER IN RESPONSIBLE CHARGE
 GILBERT M. HERNANDEZ
 R.C.E. No. 69170 EXPIRES: 6-30-14
 DATE: 4-3-2013



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ENGINEERING MANAGER	Fm	4-10-13	[Signature]
CONSTRUCTION ADMIN.	DC	4/17/13	CITY ENGINEER
TRAFFIC DIVISION	SC	4/17/13	DATE: 4/17/2013

FIBER AND INTERCONNECT
 LA SIERRA AVENUE
 FROM SCHUYLER AVE
 TO DIANA AVE
 SCALE: 1" = 40'

X-065
 SHEET 2 OF 2
 FILE NAME: X-065.DWG