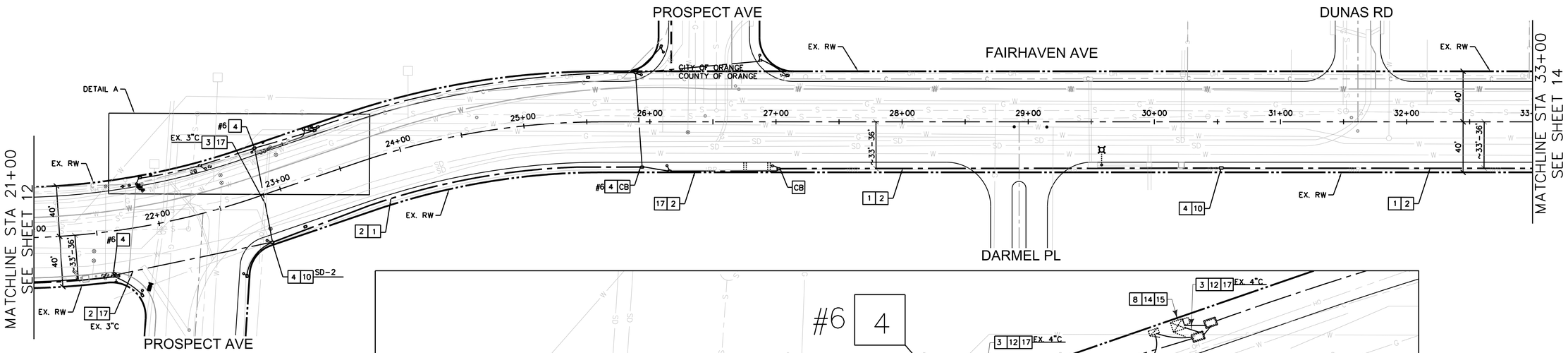

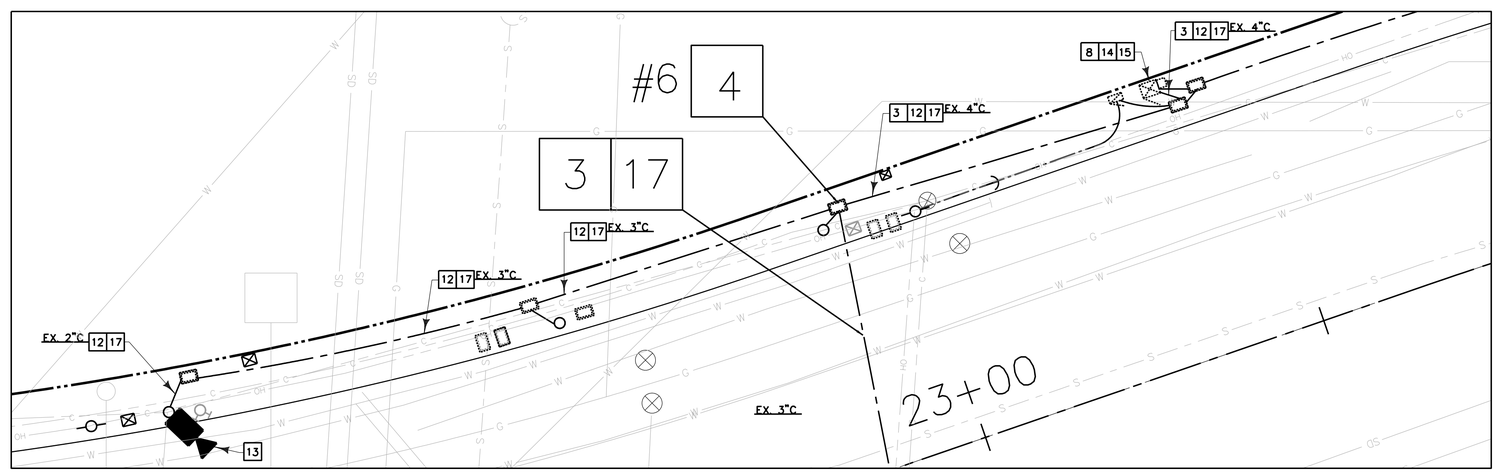

DETAIL A
1"=10'

CONSTRUCTION NOTES

1. FURNISH AND INSTALL NEW 3" PVC SCHEDULE 80 CONDUIT BY BORING METHOD.
2. FURNISH AND INSTALL 24 SMFO CABLE IN CONDUIT.
3. FURNISH AND INSTALL 12 SMFO CABLE IN CONDUIT.
4. FURNISH AND INSTALL NEW #6E PULL BOX UNLESS OTHERWISE NOTED.
7. FURNISH AND INSTALL AGENCY APPROVED FIBER OPTIC SPLICE ENCLOSURE IN PULL BOX PER AGENCY SPECIAL PROVISIONS. FUSION SPLICE 12-STRAND SMFO CABLE(S) TO 24 SMFO CABLE(S) IN SPLICE ENCLOSURE FOR SPLICING, AS IDENTIFIED ON PLANS. COIL 25' OF SLACK FOR EACH FIBER OPTIC CABLE ENTERING THE SPLICE ENCLOSURE.
8. FURNISH AND INSTALL 12 FIBER DISTRIBUTION UNIT WITH SPLICE TRAY. FURNISH AND INSTALL 6 SC DUPLEX CABLES INSIDE THE FIBER DISTRIBUTION UNIT. TERMINATE SC CABLES ON THE BACK OF THE PANELS. FUSION SPLICE 6 SMFO CABLE(S) TO DUPLEX CABLE IN SPLICE TRAY. FURNISH AND INSTALL 2 FIBER OPTIC DUPLEX JUMPER CABLES WITH SC CONNECTORS PER AGENCY STANDARD, CONNECT THESE CABLES TO FIBER SWITCH.
10. COIL 50' OF FIBER OPTIC CABLE SLACK IN PULL BOX.
11. FURNISH AND INSTALL NEW 2" PVC SCHEDULE 80 CONDUIT.
12. FURNISH AND INSTALL CA280S CABLE FOR CCTV POWER, VIDEO, AND CONTROL.
13. FURNISH AND INSTALL COHU RISE 4222HD (OR APPROVED EQUAL) CCTV CAMERA.
14. FURNISH AND INSTALL POE INJECTOR AND SURGE PROTECTOR PER CCTV CAMERA MANUFACTURER REQUIREMENTS.
15. FURNISH AND INSTALL FIBER SWITCH PER AGENCY SPECIAL PROVISIONS.
17. EXISTING TRAFFIC SIGNAL CONDUCTORS TO REMAIN.

CB. INSTALL CONDUIT INTO EXISTING PULL BOX.

LEGEND

- PROPOSED CONDUIT
- EXISTING CONDUIT
- EXISTING PULLBOX
- PROPOSED PULLBOX
- EXISTING CONTROLLER
- PROPOSED CCTV CAMERA

N

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.

COUNTY OF ORANGE
CCTV CAMERA AND FIBER OPTIC COMMUNICATIONS DESIGN PLANS

FAIRHAVEN AVE

DATE: 04/18/2017	SUBMITTED NAME/SIGNATURE	SHEET NO. 13 OF 25
SCALE: 1" = 40'	DATE	
DESIGN: JL	APPROVED NAME/SIGNATURE	PROJECT NO. 099598001
DRAWN: RP/RC	DATE	
CHECKED: MSW		

REGISTERED PROFESSIONAL ENGINEER SRIKANTH CHAKRAVARTHY No. C73629 CIVIL STATE OF CALIFORNIA

Kimley»Horn

© 2017 KIMLEY-HORN AND ASSOCIATES, INC.
660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017
Tel (213) 261-4040

811 Know what's below. Call before you dig.
DIAL TOLL FREE 811
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

\\fileserver2\home\PhamT\Microstation\cad fiberoptic\10-16-FO-Fairhaven.dgn 5/6/2014 9:45 AM