

CITY OF SOUTH SAN FRANCISCO

INTER OFFICE MEMORANDUM

DATE: March 7, 2025

TO: Eunejune Kim, Director of Public Works/City Engineer

FROM: Traffic Advisory Committee

SUBJECT: TAC 2502 February 2025 Traffic Items

The Traffic Advisory Committee met on February 26, 2025, and recommends the following:

- TAC 2502-01 – Request for a stop sign or speed bump near Miller Avenue & Cypress Avenue
 - TAC recommends adding a “Cross Traffic Does Not Stop” (W4-4p) sign below the righthand stop sign on northbound Cypress Avenue. Staff and BKF will provide additional recommendations at March TAC based on a sight distance review being performed by the Engineering Division
- TAC 2502-02 – Multiple observations, requests, and comments near 674 Myrtle Avenue.
 - TAC recommends that staff contact USPS about moving the blue mailbox from its current position (near the northeast corner of W. Orange Avenue & Myrtle Avenue) to the opposite side of W. Orange Avenue. TAC recommends adding “Stop Ahead” (W3-1) and pavement markings north of the stop sign at W. Orange Avenue & Myrtle Avenue. No further actions are recommended on the remaining requests.
- TAC 2502-03 – Request to expand sidewalk, clean roadside trash, and maintain trees on B Street.
 - TAC recommends having the Parks Division arrange for the maintenance of public street trees and work with Code Enforcement to arrange for the maintenance of privately-owned trees. TAC requests that the resident utilize SeeClickFix to report specific instances of illegal dumping.
- TAC 2502-04 – Request to install a red-light camera for eastbound right turns at Airport Boulevard & Grand Avenue.
 - TAC recommends removing the “No Turn on Red Ball” (R10-11) signs, replacing the “Bike Signal” signs with 18”x24” signs, and adding louvers to restrict the visibility of the bike signal faces.
- TAC 2502-05 – Request to install rapid flashing beacons or equivalent protection for a crosswalk across Mission Road at Oak Avenue.
 - TAC recommends no action, as a complete street study is currently in progress for Mission Road.
- TAC 2502-06 – Request to paint red curbs near driveways at 123 S. Linden Avenue.

- TAC recommends no action in the public right-of-way. However, the Fire Marshall recommends that the property owner stripe an on-site curb in front of a fire hydrant red to prevent parking.
- TAC 2502-07 – Request to add two-way stop control at three intersections on Redwood Avenue.
 - TAC recommends no action at this time. Two-way stop control is not warranted at any of the three intersections evaluated.
- TAC 2502-08 – Request for rapid flashing beacons at a crosswalk on Belle Air Road (serving Costco at 451 S. Airport Boulevard).
 - TAC recommends no action at this time. Flashing beacons are not warranted at this location.
- TAC 2502-09 – Request to refresh pavement striping at Franklin Avenue & Hillside Boulevard.
 - TAC recommends no action at this time. The pavement markings are currently in acceptable condition.
- TAC 2502-10 – Request for red curb or no parking signs on 2nd Lane near 645 Baden Avenue.
 - TAC recommends no action.
- TAC 2502-11 – Request to improve visibility of traffic signal for eastbound traffic on Hillside Boulevard approaching signal at Lincoln Street.
 - TAC recommends no action at this time. Staff will forward this request to other members of staff working on the current road diet study for Hillside Boulevard.
- TAC 2502-12 – Request to add a bike lane on southbound Airport Boulevard between Tower and Butler Avenue.
 - TAC has reviewed the Engineering Division's initial concepts for missing bike facilities and recommended that staff proceed with reaching out to stakeholders to garner feedback and support.
- TAC 2502-13 – Request for speed humps on W. Orange Avenue near N. Canal Avenue crosswalk.
 - TAC will defer action to March TAC.
- TAC 2502-14 – Request for on-street ADA parking at 707 Grand Avenue.
 - TAC recommends reassigning the existing on-street ADA parking space to the new resident, who is also disabled.
- TAC 2502-15 – Request for mitigation of vehicles making illegal U-turns on westbound Chestnut at Antoinette Lane.
 - TAC will defer action to March TAC.

Deferred items from previous meetings:

- TAC 2411-06 – Concern about lane line extensions at Airport Boulevard & Baden Avenue.

- TAC requested feedback on the existing lane shift from Police and will finalize recommendations at the March TAC
- TAC 2411-11 – Request a crosswalk at 24-26 Wilms Avenue.
 - TAC deferred further action to March TAC.
- TAC 2411-12 – Request for signal retiming at Antoinette Lane & Chestnut Avenue.
 - Staff did initial retiming in December and did field assessments in February. Further action will be deferred until an engineering study can evaluate the intersection in detail.
- TAC 2411-18 – Consider reconstructing S. Maple Avenue & Victory Avenue to eliminate the northbound slip lane.
 - TAC recommends adding reconstruction of the intersection to the Capital Improvement Program project wish-list.
- TAC 2501-26 – Request to remove the “No Right Turn on Red” sign at the eastbound right turn lane on Oyster Point Boulevard & Gull Drive.
 - TAC recommends the removal of the existing “No Right Turn on Red” (R13A (CA)) sign on the eastbound approach.
- TAC 2410-C – Develop a process for speed bump installation
 - FAQ answers are complete, pending website updates.
- TAC 2410-D – Develop a process for stop sign installation
 - FAQ answers are complete, pending website updates.

Under South San Francisco Municipal Code Sections 11.08.040 and 11.16.010, the City Engineer (traffic) has the power and duty to place traffic control devices within the City.

By signing this memo, you are authorizing the TAC recommendations noted above.

DocuSigned by:

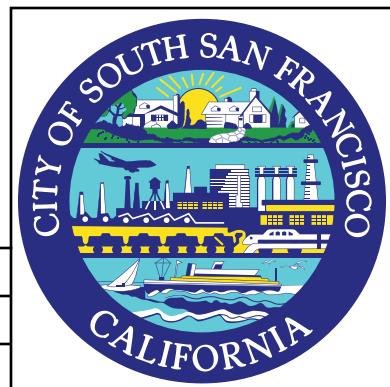

Euneyjune Kim
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City Engineer/Public Works Director

3/7/2025

Date



Eastbound Oyster Point Blvd. at Gull Dr.



Location

Oyster Point Blvd. & Gull Dr.

Page Number Date Sheet Name

1 of 1 03/07/2025 TAC 2501-26 Work Order



W4-4P



Northbound Cypress Ave. at Miller Ave.

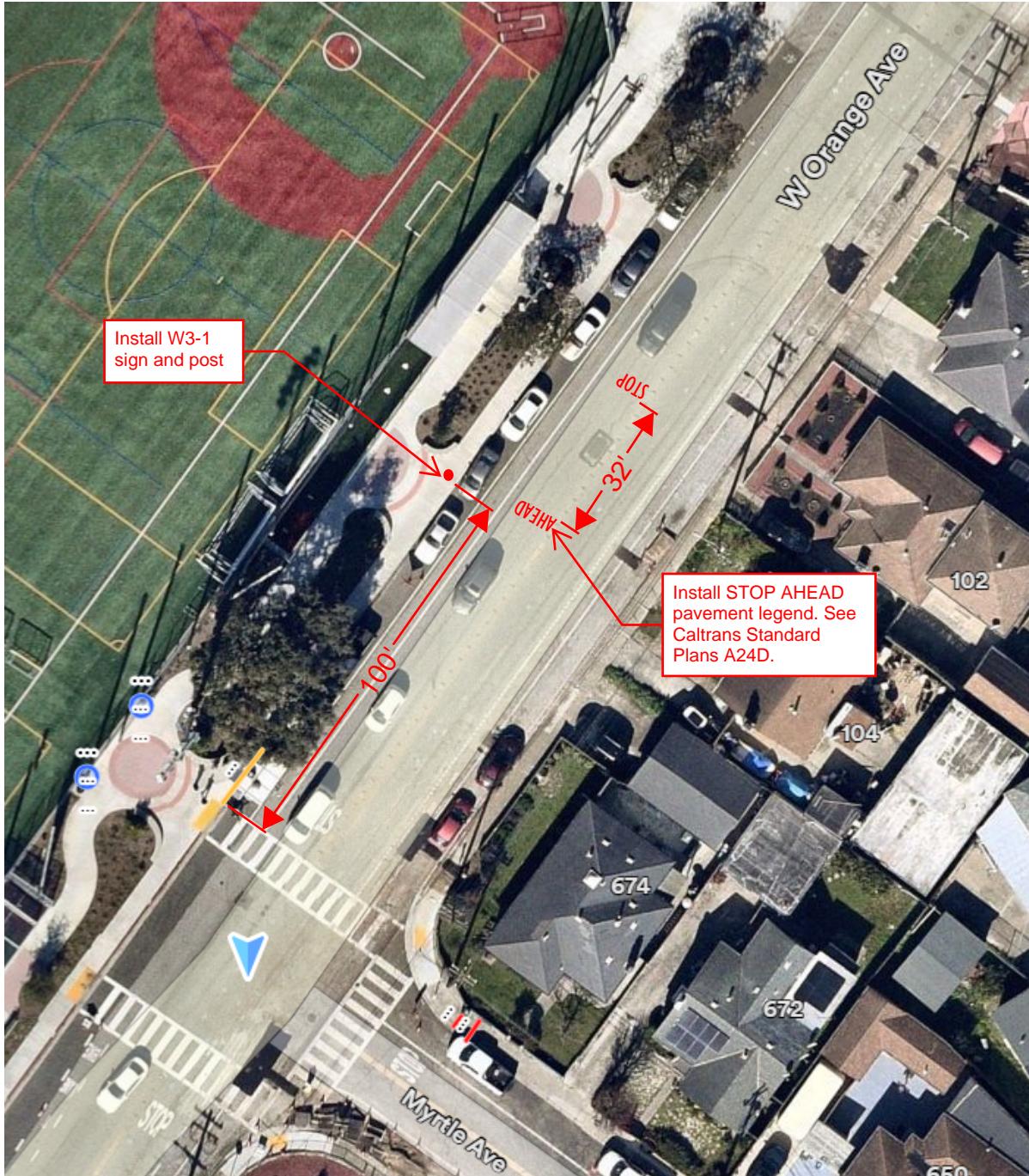
Location

Miller Ave. & Cypress Ave.

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1 of 1 03/07/2025 TAC 2502-01 Work Order





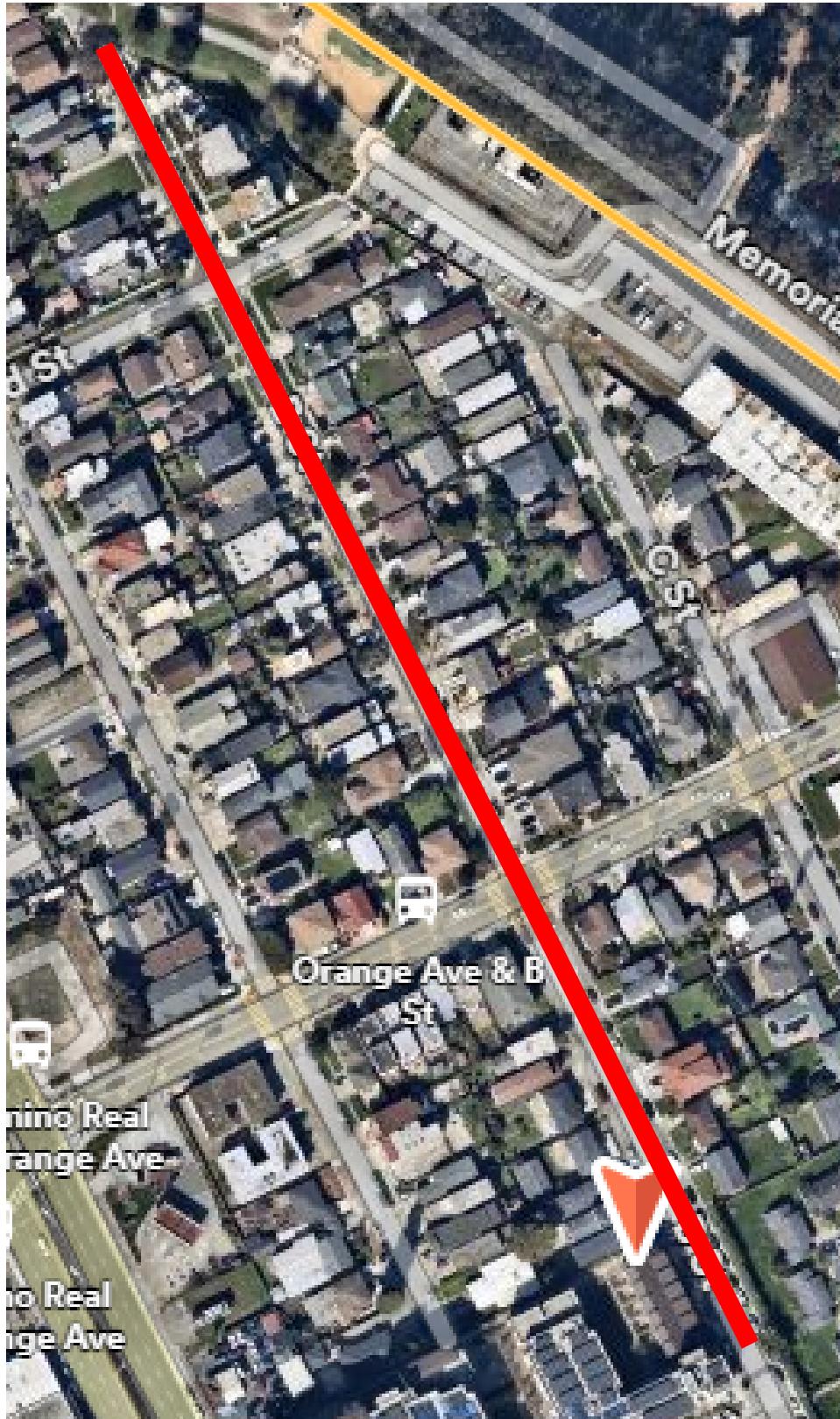
Location

W. Orange Ave. north of Myrtle Ave.

Page Number Date Sheet Name

1 of 1 03/07/2025 TAC 2502-02 Work Order





Inspect public street trees and trim any low-hanging branches covering sidewalk.

Identify private street trees needing pruning and refer to Code Enforcement.

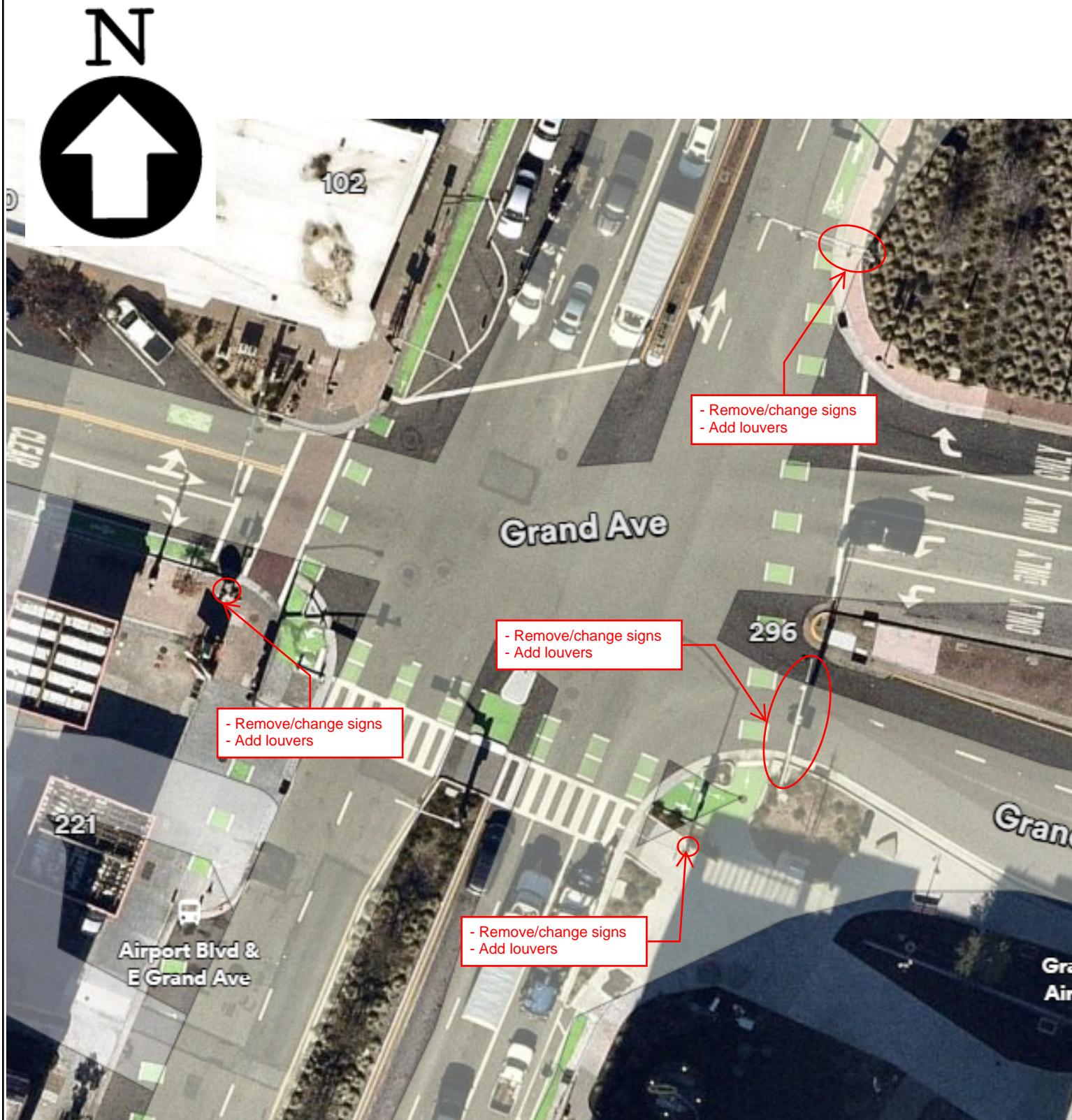


Location

B Street

Page Number Date Sheet Name

1 of 1 03/07/2025 TAC 2502-03 Work Order - PARKS DIVISION



See annotated signal plans next sheet

Location

Airport Blvd & Grand Ave

Page Number Date Sheet Name

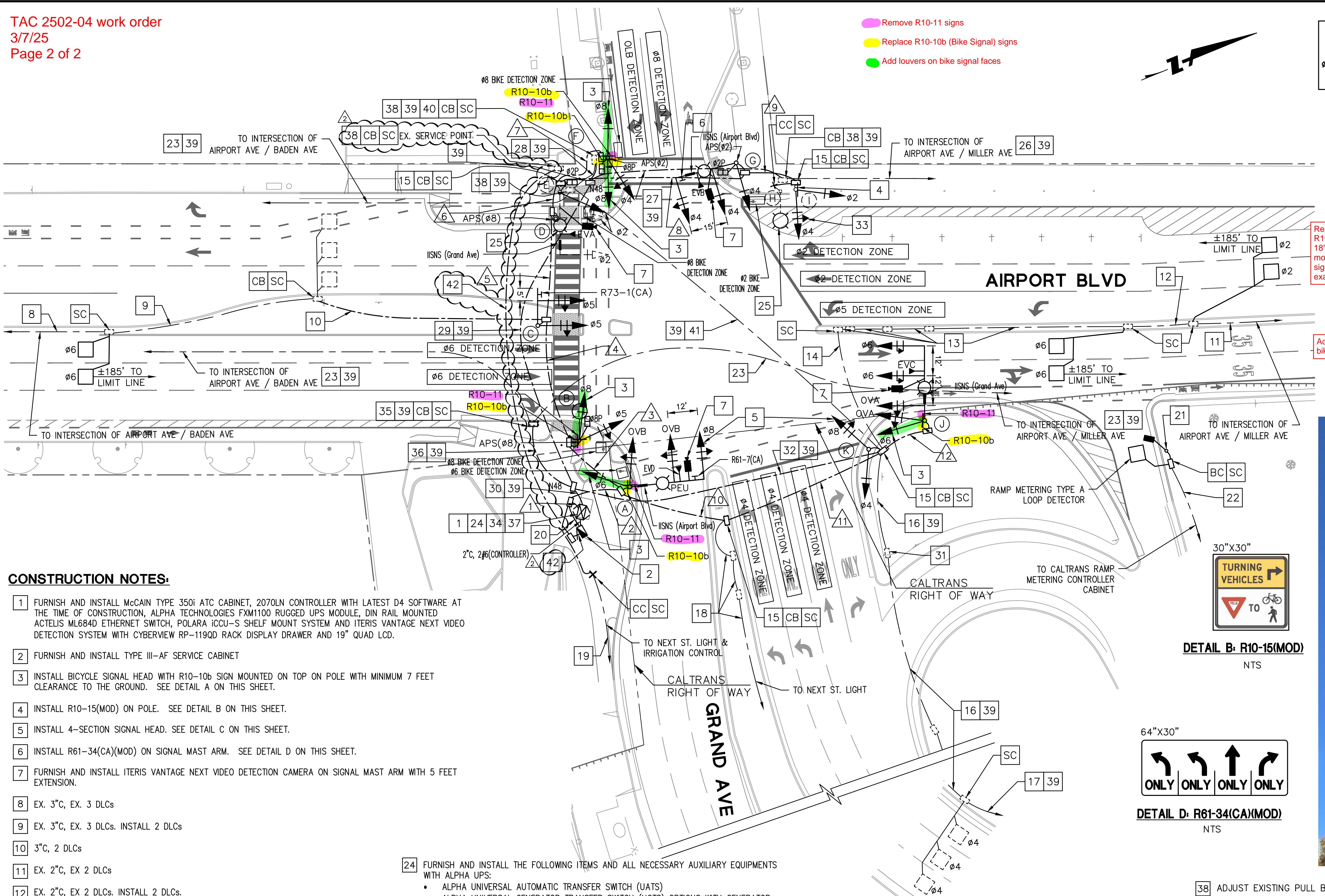
1 of 2 03/07/2025 TAC 2502-04 Work Order



TAC 2502-04 work order

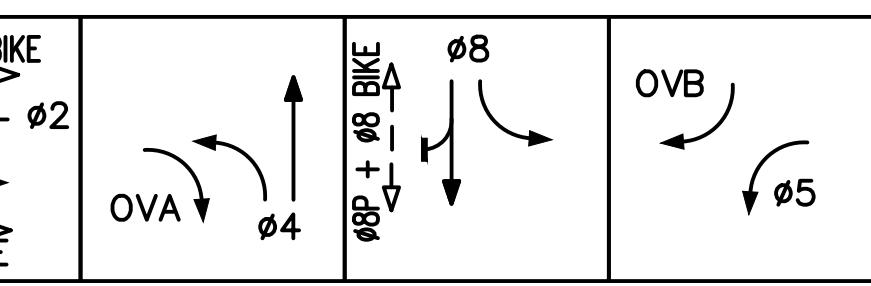
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Page 2 of 2

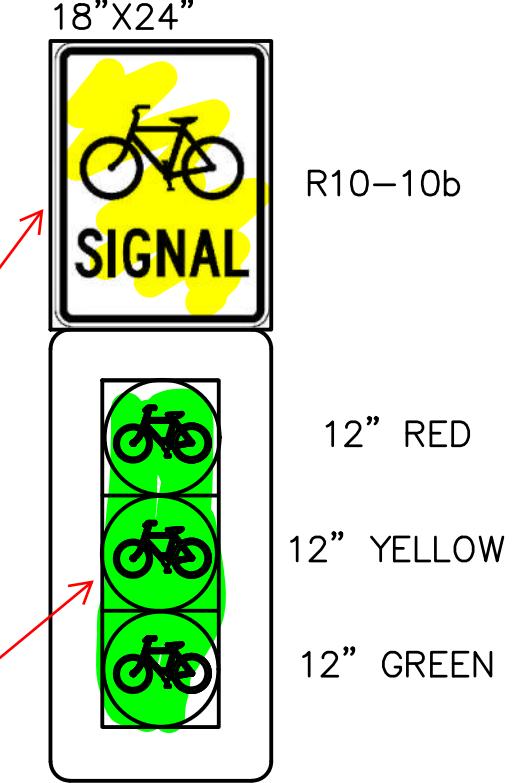
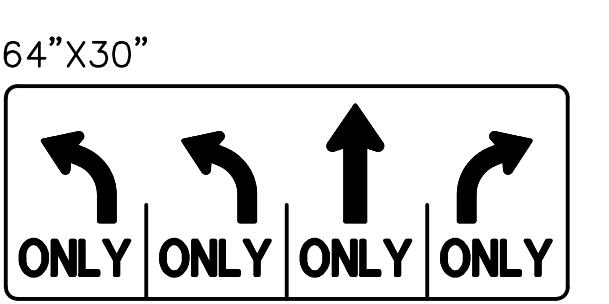


CONSTRUCTION NOTES:

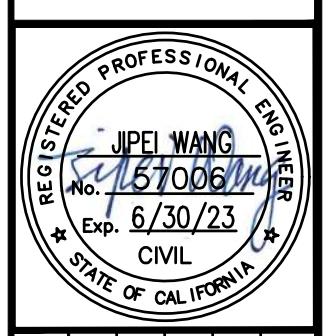
- 1 FURNISH AND INSTALL MCCAIN TYPE 350I ATC CABINET, 2070LN CONTROLLER WITH LATEST D4 SOFTWARE AT THE TIME OF CONSTRUCTION, ALPHA TECHNOLOGIES FXM1100 RUGGED UPS MODULE, DIN RAIL MOUNTED ACTELIS ML684D ETHERNET SWITCH, POLARA ICCU-S SHELF MOUNT SYSTEM AND ITERIS VANTAGE NEXT VIDEO DETECTION SYSTEM WITH CYBVIEW RP-119QD RACK DISPLAY DRAWER AND 19" QUAD LCD.
- 2 FURNISH AND INSTALL TYPE III-AB SERVICE CABINET
- 3 INSTALL BICYCLE SIGNAL HEAD WITH R10-10b SIGN MOUNTED ON TOP ON POLE WITH MINIMUM 7 FEET CLEARANCE TO THE GROUND. SEE DETAIL A ON THIS SHEET.
- 4 INSTALL R10-15(MOD) ON POLE. SEE DETAIL B ON THIS SHEET.
- 5 INSTALL 4-SECTION SIGNAL HEAD. SEE DETAIL C ON THIS SHEET.
- 6 INSTALL R61-34(CA)(MOD) ON SIGNAL MAST ARM. SEE DETAIL D ON THIS SHEET.
- 7 FURNISH AND INSTALL ITERIS VANTAGE NEXT VIDEO DETECTION CAMERA ON SIGNAL MAST ARM WITH 5 FEET EXTENSION.
- 8 EX. 3" C, EX. 3 DLCs
- 9 EX. 3" C, EX. 3 DLCs. INSTALL 2 DLCs
- 10 3" C, 2 DLCs
- 11 EX. 2" C, EX 2 DLCs
- 12 EX. 2" C, EX 2 DLCs. INSTALL 2 DLCs
- 13 EX. 3" C, INSTALL 2 DLCs.
- 14 EX. 3" C, INSTALL 2 DLCs.
- 15 REPLACE EXISTING PULL BOX WITH NO.6 PULL BOX. ADJUST THE PULL BOX TO GRADE.
- 16 EX. 2" C, EX 1 SIC (6 PAIRS), AND EX 3 DLCs TO REMAIN.
- 17 EX. 2" C, EX 1 SIC (6 PAIRS).
- 18 EX. 1" C, EX 2#8(ST LIGHTING).
- 19 EX. 1 1/2" C, EX 2#8(ST LIGHTING), EX. 2#8(IRRIGATION).
- 20 2" C, 3#14(PEU), 4#14(IISNS), 2#8(IRRIGATION), 4#8(ST LIGHTING), 4#8(SAFETY LIGHTING)
- 21 INSTALL CALTRANS RAMP METERING SIGNAL HEAD WITH TYPE 1-B POLE.
- 22 EX 2" C, 2#14(RAMP METERING), 1 DLC TO REMAIN.
- 23 EXISTING 288-STRAND SMFO TRUNK CABLE IN EXISTING CONDUIT TO REMAIN.
- 24 FURNISH AND INSTALL THE FOLLOWING ITEMS AND ALL NECESSARY AUXILIARY EQUIPMENTS WITH ALPHA UPS:
 - ALPHA UNIVERSAL AUTOMATIC TRANSFER SWITCH (UATS)
 - ALPHA UNIVERSAL GENERATOR TRANSFER SWITCH (UGTS) OPTIONS WITH GENERATOR HOOD UP PLUG (L5-30P)
- 25 REPLACE EXISTING LUMINAIRE FIXTURE WITH NEW ONE.
- 26 EX 2" C, REMOVE EXISTING 1 SIC, INSTALL 1 NEW SIC (6 PAIRS) TO INTERSECTION OF AIRPORT BLVD / MILLER AVE. ($\pm 700'$)
- 27 3" C, 1 SIC (6 PAIRS).
- 28 3" C, 2-12 STRANDS FIBER OPTIC CABLE.
- 29 2-3" C, 1 SIC (6 PAIRS), 1-12 STRANDS FIBER OPTIC CABLE.
- 30 2-3" C, 1 SIC (6 PAIRS), 1 EX SIC (6 PAIRS) FROM DUBUQUE AVE, 1-12 STRANDS FIBER OPTIC CABLE. INSTALL BOTH SIC IN 1-3" C CONDUIT.
- 31 CONTRACTOR SHALL CAREFULLY REMOVE EXISTING SIC CABLE (FROM DUBUQUE AVE) AND DLCs FROM EXISTING CONDUITS LEADING TO THE EXISTING CONTROLLER CABINET. DO NOT CUT, SPLICE, OR DAMAGE THE EXISTING CABLES. UPON COMPLETION OF THE SIGNAL MODIFICATION, REINSTALL THE EXISTING CABLES AS SHOWN ON PLAN. CONTRACTOR SHALL INSTALL NEW CABLES IF THE EXISTING CABLES ARE DAMAGED DURING CONSTRUCTION AT NO COST TO THE CITY.
- 32 3" C, REINSTALL 1 EX SIC (6 PAIRS)
- 33 INSTALL 5-SECTION SIGNAL HEAD. SEE DETAIL E ON THIS SHEET.
- 34 TRAFFIC SIGNAL CONTROLLER SHALL HAVE THE FOLLOWING MODULES:
 - 2070-1C CPU MODULE,
 - 2070-2N I/O MODULE
 - 2070-3B FRONT PANEL DISPLAY,
 - 2070-4A POWER SUPPLY,
 - ALL UNUSED SLOTS SHALL BE COVERED BY BLANK PLATES.
- 35 REPLACE EXISTING N48(T) PULL BOX WITH NEW N48 PULL BOX. ADJUST PULL BOX TO GRADE. MAKE ALL REQUIRED SPLICES PER SPLICE DIAGRAMS ON SHEET TS1.2.
- 36 3" C, 1 12-STRAND SMFO BRANCH CABLE.
- 37 FURNISH AND INSTALL FIBER TERMINATION PANEL, FIBER SWITCH IN CABINET. TERMINATE 12-STRAND SMFO BRANCH CABLE IN TERMINATION PANEL AND MAKE ALL CONNECTIONS BETWEEN PANEL AND SWITCH PER SPLICE DIAGRAMS ON SHEET TS1.2.



PROPOSED PHASE DIAGRAM

EVA=Ø2 + Ø5
EVB=Ø4
EVD=Ø8DETAIL A: BICYCLE SIGNAL HEAD
NTSDETAIL B: R10-15(MOD)
NTSDETAIL C: R61-34(CA)(MOD)
NTS

IMPROVEMENT PLANS
GRAND AVENUE AND AIRPORT BLVD STREETSCAPE
TRAFFIC SIGNAL MODIFICATION PLAN - PROPOSED SIGNAL
 SAN MATEO COUNTY
 SOUTH SAN FRANCISCO
 SAN FRANCISCO
 SOUTH



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DATE 4/15/2022
 DRAWING NUMBER: TS1.1
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GRAPHIC SCALE

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TS1.1
27 OF 51

DRAWING NO. 30, ***