


CITY OF
ANTIOCH
CALIFORNIA

STAFF REPORT TO THE CITY COUNCIL

DATE: Regular Meeting of July 25, 2023

TO: Honorable Mayor and Members of the City Council

SUBMITTED BY: Charmine Solla, Consulting Traffic Engineer

APPROVED BY: Scott Buenting, Acting Public Works Director/City Engineer 

SUBJECT: Proposed Traffic Calming Improvements for Sycamore Drive, James Donlon Boulevard, and West 10th Street

RECOMMENDED ACTION

It is recommended that the City Council adopt the resolution:

1. Approving the proposed traffic calming improvements for Sycamore Drive;
2. Approving the proposed traffic calming improvements for James Donlon Boulevard from Somersville Road to Contra Loma Boulevard;
3. Approving the proposed traffic calming improvements for West 10th Street;
4. Approving the proposed traffic calming improvements for James Donlon Boulevard from Contra Loma Boulevard to Lone Tree Way; and
5. Approving an amendment to the Fiscal Year 2023/24 Operating Budget to include \$425,000 from the Gas Tax Fund for the traffic calming improvements for Sycamore Drive.

FISCAL IMPACT

Adoption of this resolution will amend the Fiscal Year 2023/24 Operating Budget to include \$425,000 from the Gas Tax Fund for the traffic calming improvements for Sycamore Drive.

DISCUSSION

Background

In response to the public's requests for traffic calming improvements and per the direction of City Council, Staff prepared traffic calming improvement plans for three roadway

segments: Sycamore Drive (Attachment B), James Donlon Boulevard (Attachment C), and West 10th Street (Attachment D).

Analysis

Existing conditions, collision history, speed surveys, traffic volumes, and public requests were considered in the preparation of the proposed improvements. The collision types and primary cause factors were analyzed to determine traffic patterns and identify corresponding countermeasures.

City and Traffic Consultant Staff met with both the Police and Fire Departments on April 21, 2023 and May 18, 2023 respectively, where the proposed plans were supported and approved.

The proposed improvements do not include any permanent infrastructure, such as concrete median islands, to provide the opportunity for all to try the improvements first and allow flexibility for future modifications, if needed. Additionally, the proposed improvements are lower cost with shorter turnaround times, affording the City the chance to implement the improvements quickly in the near-term future.

The engineer's estimate for implementing the proposed traffic calming improvements are shown below.

- Sycamore Drive - \$425,000
- James Donlon Boulevard (Somerville Rd to Contra Loma Blvd) – \$220,000
- James Donlon Boulevard (Contra Loma Blvd to Lone Tree Way) - \$545,000
- West 10th Street - \$220,000

Staff recommends implementing the traffic calming improvements on Sycamore Drive.

Alternatives

The intersections were studied to determine whether all-way stop signs or signalization were warranted and no intersection met all the warrants.

Roundabouts were considered, but the intersections lacked the minimum radial space, which could be mitigated by private property acquisition as an optional solution. However, the acquisition process adds a lot of risk and uncertainty to a project and may ultimately end up infeasible.

ATTACHMENTS

- A: Resolution
- B: Traffic Calming Improvement Plans for Sycamore Drive
- C: Traffic Calming Improvement Plans for James Donlon Boulevard
- D: Traffic Calming Improvement Plans for West 10th Street
- E: Engineer's Cost Estimate

ATTACHMENT "A"

RESOLUTION NO. 2023/**

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH
APPROVING THE PROPOSED IMPROVEMENT PLANS AND
APPROVING AN AMENDMENT TO INCREASE THE FISCAL YEAR
2023/24 OPERATING BUDGET FOR THE TRAFFIC CALMING
PROJECTS

WHEREAS, on June 14, 2022 the City Council adopted the 5-Year Capital Improvement Program 2022-2027;

WHEREAS, per City Council direction and requests from the Public, the traffic calming plans were prepared for the three roadway segments: James Donlon Boulevard, Sycamore Drive, and West 10th Street;

WHEREAS, the existing conditions, collision history, speed surveys, traffic volumes, and public requests were considered in the preparation of the proposed improvements;

WHEREAS, the collision types and primary cause factors were analyzed to determine traffic patterns and identify corresponding countermeasures;

WHEREAS, on April 21, 2023, the Plans were reviewed and supported by the Police Department;

WHEREAS, on May 18, 2023, the Plans were reviewed and supported by the Fire Department;

WHEREAS, the City Council has considered the approval of the traffic calming plans; and

WHEREAS, the City Council has considered an amendment to the Fiscal Year 2023/24 Operating Budget to include \$425,000 from the Gas Tax Fund for the traffic calming improvements for Sycamore Drive..

RESOLUTION NO. 2023/**

July 25, 2023

Page 2

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Antioch, hereby:

1. Approving the proposed traffic calming improvements for Sycamore Drive;
2. Approving the proposed traffic calming improvements for James Donlon Boulevard from Somersville Road to Contra Loma Boulevard;
3. Approving the proposed traffic calming improvements for West 10th Street;
4. Approving the proposed traffic calming improvements for James Donlon Boulevard from Contra Loma Boulevard to Lone Tree Way; and
5. Approving an amendment to the Fiscal Year 2023/24 Operating Budget to include \$425,000 from the Gas Tax Fund for the traffic calming improvements for Sycamore Drive.

* * * * *

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 25th day of July 2023, by the following vote:

AYES:

NOES:

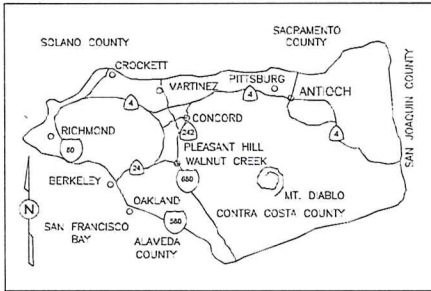
ABSTAIN:

ABSENT:

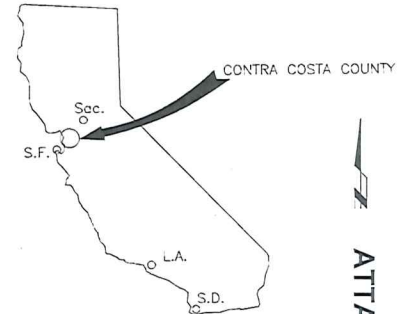
**ELIZABETH HOUSEHOLDER
CITY CLERK OF THE CITY OF ANTIOCH**

A2

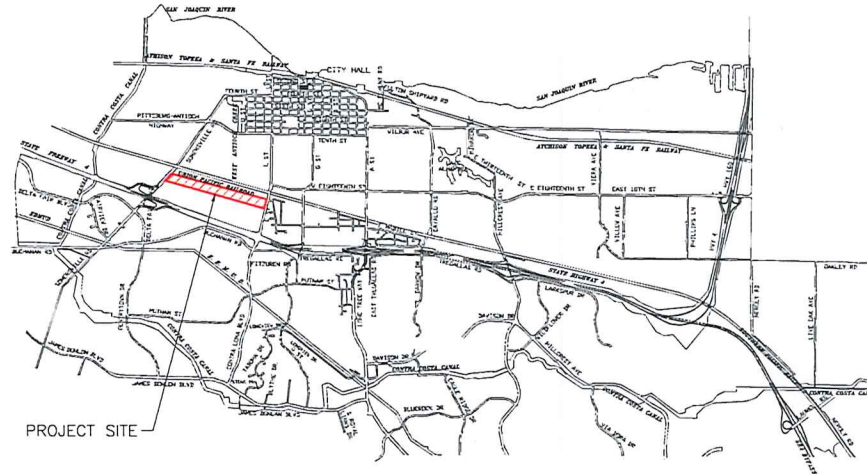
CITY OF ANTIOCH CAPITAL IMPROVEMENTS DEPARTMENT TRAFFIC CALMING IMPROVEMENTS SYCAMORE DR FROM AUTO CENTER DR TO L ST



VICINITY MAP



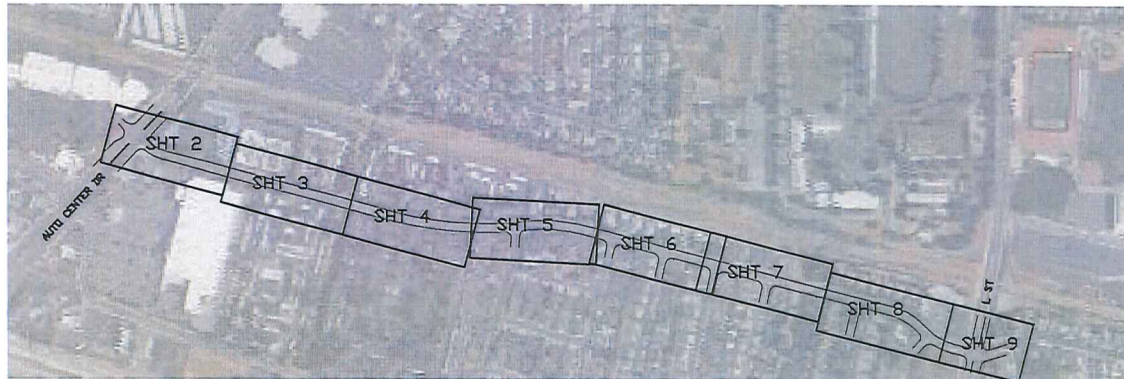
ATTACHMENT "B"



PROJECT SITE

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2-5	SIGNING & STRIPING - AUTO CENTER DR TO SPANOS ST
6	SIGNING & STRIPING - SPANOS ST TO BANYAN WAY
7	SIGNING & STRIPING - BANYAN WAY TO MANZANITA WAY
8	SIGNING & STRIPING - MANZANITA WAY TO PEPPERTREE WAY
9	SIGNING & STRIPING - PEPPERTREE WAY TO L ST

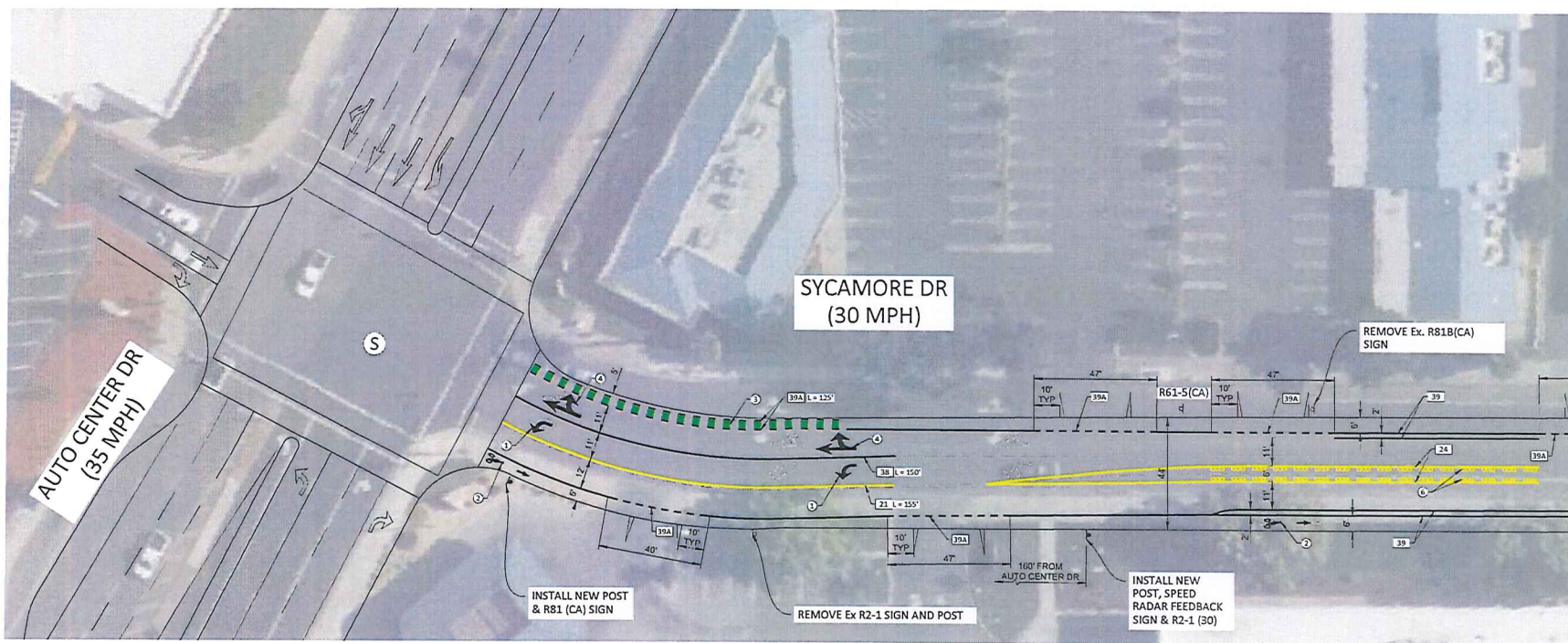


CITY OF ANTIOCH

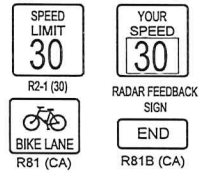
SCOTT BUENTING, P.E.
ACTING PUBLIC WORKS DIRECTOR
R.C.E. NO. 67442
EXPIRES _____

DATE _____

B1

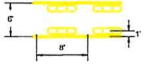


SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY)



- ◻ EXISTING SIGN AND POST TO REMAIN
- ◻ INSTALL NEW SIGN AND POST
- ◻ EXISTING SIGN TO BE REMOVED
- Ⓢ SIGNALIZED INTERSECTION

DELIMITER SPACING DETAIL:
SCALE: 1" = 12'



NOTE:
LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINES (DETAILS 20.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH 4.50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C, ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (I) ARROW MARKING PER CALTRANS STD PLAN A24A.
- ⑤ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑥ FURNISH & INSTALL SEPARATOR CURBS SYSTEM WITH YELLOW FLEXIBLE DELINEATORS.
- ⑦ FURNISH & INSTALL WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C, SO/LA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: _____
DRAWN BY: KV	C.E.
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
SYCAMORE DR

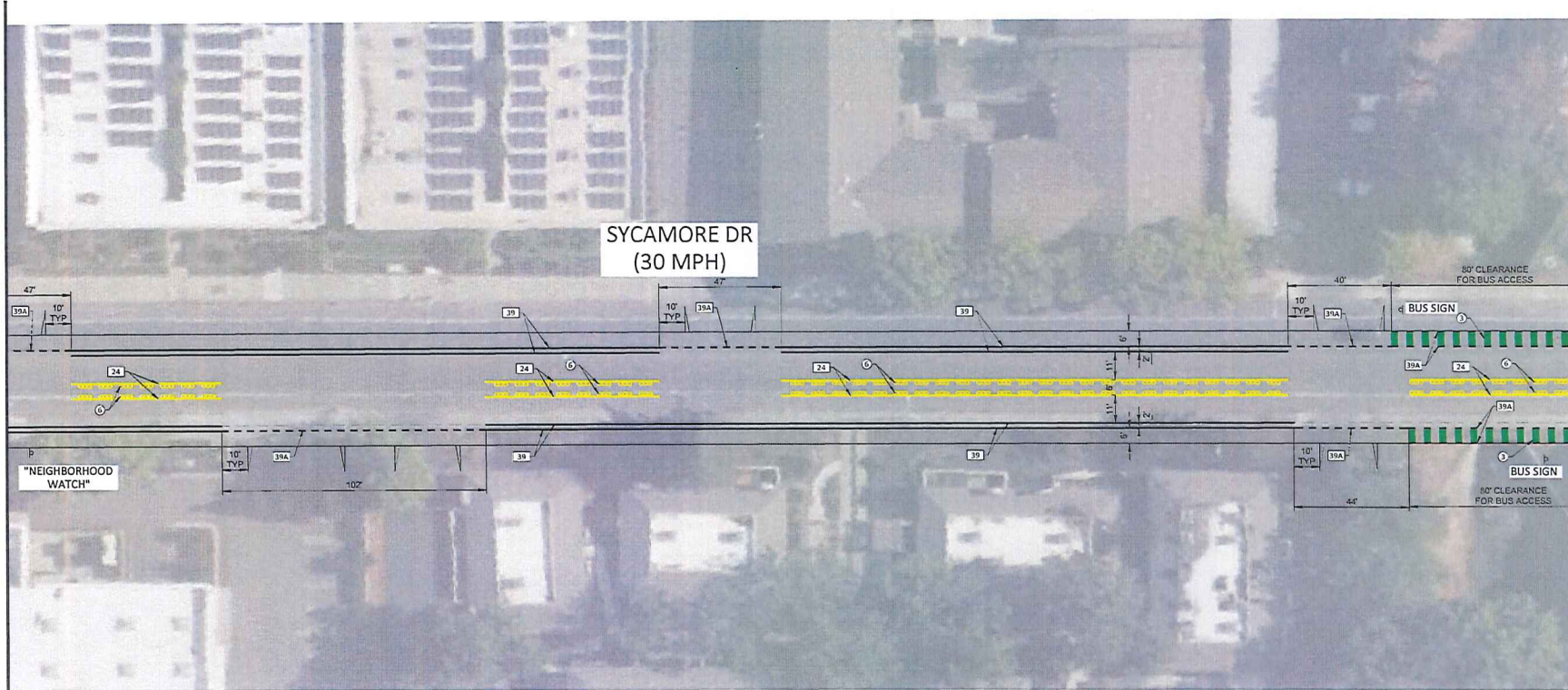
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PUBLIC WORKS PROJECT NO. PW XXX-XXX
SHEET 2 OF 9 SHEETS

B2



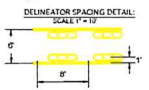
MATCHLINE A - SEE SHEET 2

MATCHLINE B - SEE SHEET 4

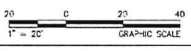


SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

- DRAWING LEGEND:**
- Ⓛ EXISTING SIGN AND POST TO REMAIN
 - Ⓜ INSTALL NEW SIGN AND POST
 - Ⓧ EXISTING SIGN TO BE REMOVED
 - Ⓢ SIGNALIZED INTERSECTION



NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

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INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINES (DETAILS 8, 9, 11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

- CONSTRUCTION NOTES (CONTINUED):**
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- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C, ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 39A), WIDTH PER PLAN.

- CONSTRUCTION NOTES (CONTINUED):**
- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.
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ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C, SO/LA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. BY DATE
REVISIONS:	

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

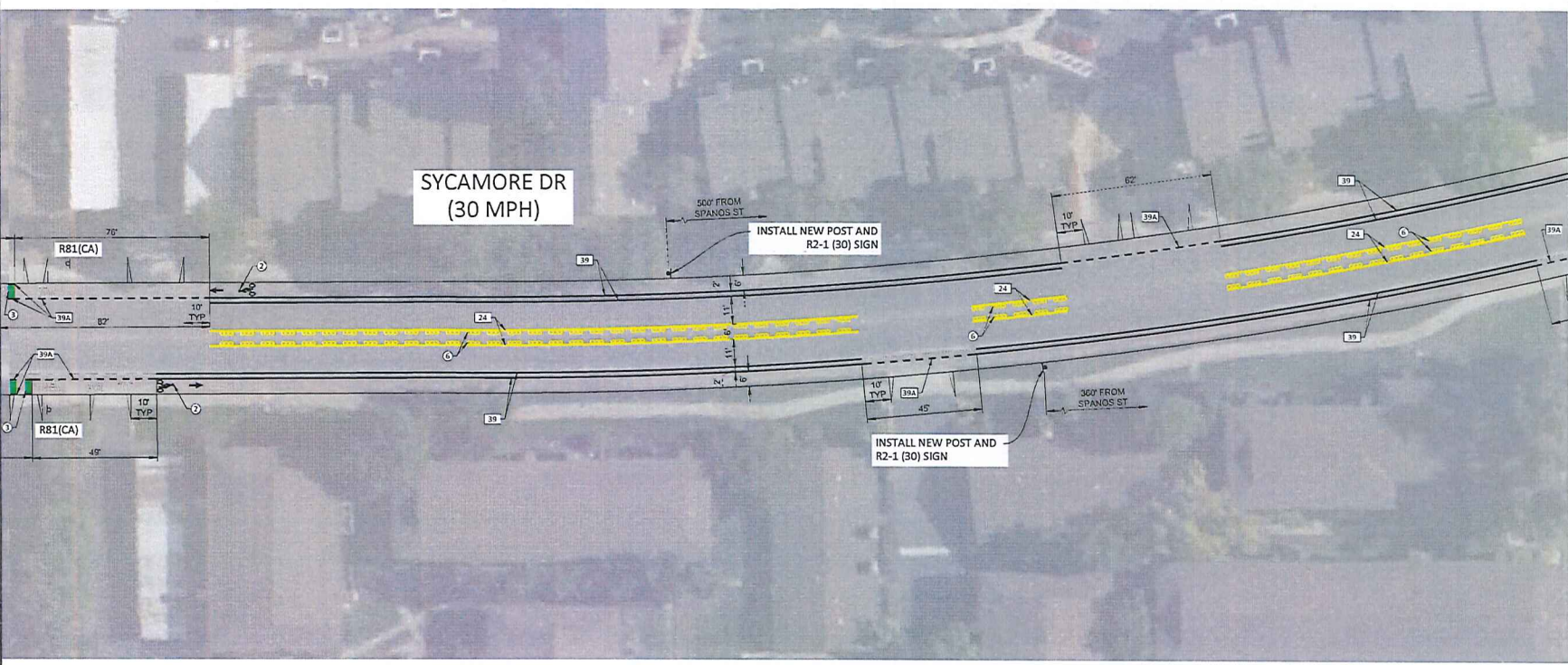
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SHEET 3
OF 9 SHEETS

RS



MATCHLINE B - SEE SHEET 3

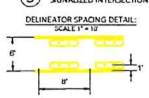
MATCHLINE C - SEE SHEET 5



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



- DRAWING LEGEND:**
- ⊠ EXISTING SIGN AND POST TO REMAIN
 - ⊡ INSTALL NEW SIGN AND POST
 - ⊞ EXISTING SIGN TO BE REMOVED
 - Ⓢ SIGNALIZED INTERSECTION



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INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

CONSTRUCTION NOTES (CONTINUED):

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- ③ FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 30A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (I) ARROW MARKING PER CALTRANS STD PLAN A24A.
- ⑤ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
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- ⑦ FURNISH & INSTALL WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C, SO/LA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. BY DATE
REVISIONS:	

PUBLIC WORKS DEPARTMENT
 CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
 JAMES DONLON BLVD

SCALE: 1"=20'

PUBLIC WORKS PROJECT NO. 24 XXX-XX

SHEET 4

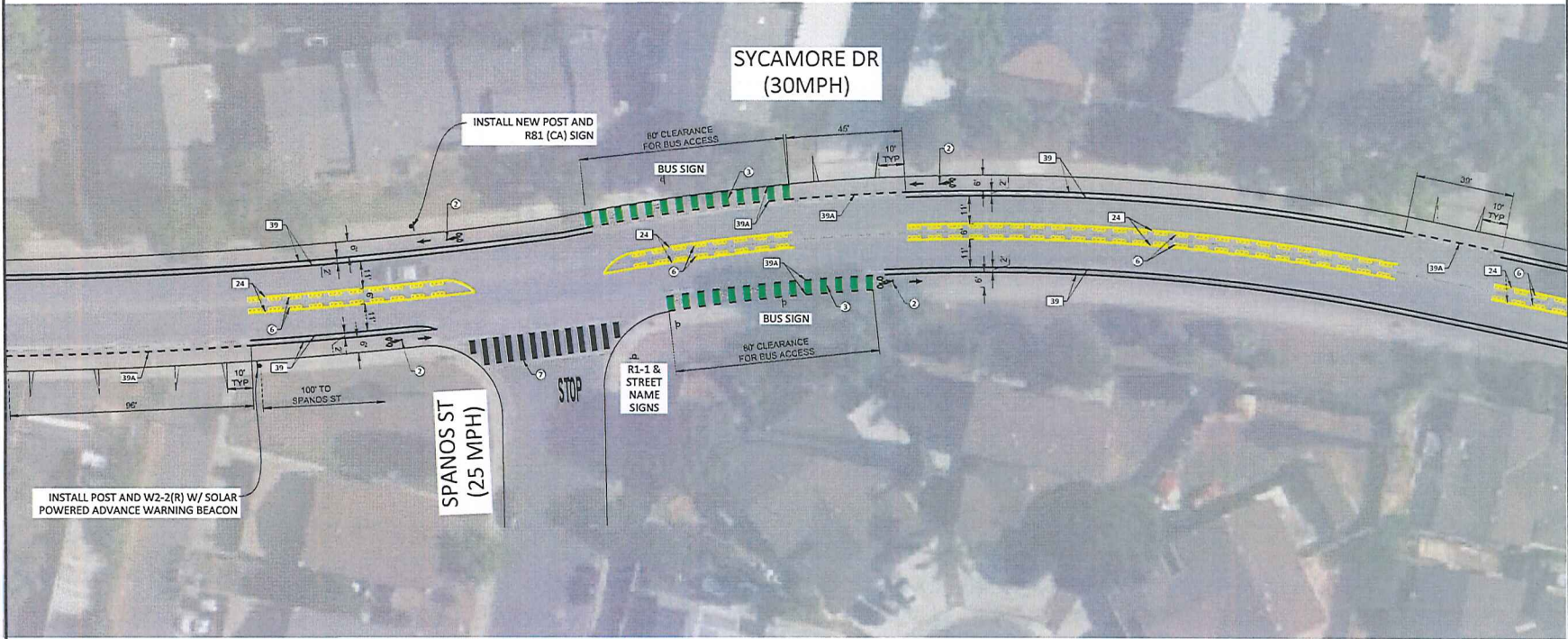
OF 9 SHEETS

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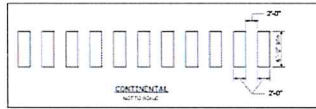


MATCHLINE C - SEE SHEET 4

MATCHLINE D - SEE SHEET 6

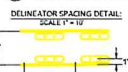


SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY)



DRAWING LEGEND:

- ▲ EXISTING SIGN AND POST TO REMAIN
- INSTALL NEW SIGN AND POST
- EXISTING SIGN TO BE REMOVED
- Ⓢ SIGNALIZED INTERSECTION



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CONSTRUCTION NOTES:

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ALL LANELINES (DETAILS 20, 11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

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- ③ FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.
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- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH YELLOW FLEXIBLE DELINEATORS.
- ⑦ FURNISH & INSTALL WHITE THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C, SO/LA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. ET DATE
REVISIONS:	

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

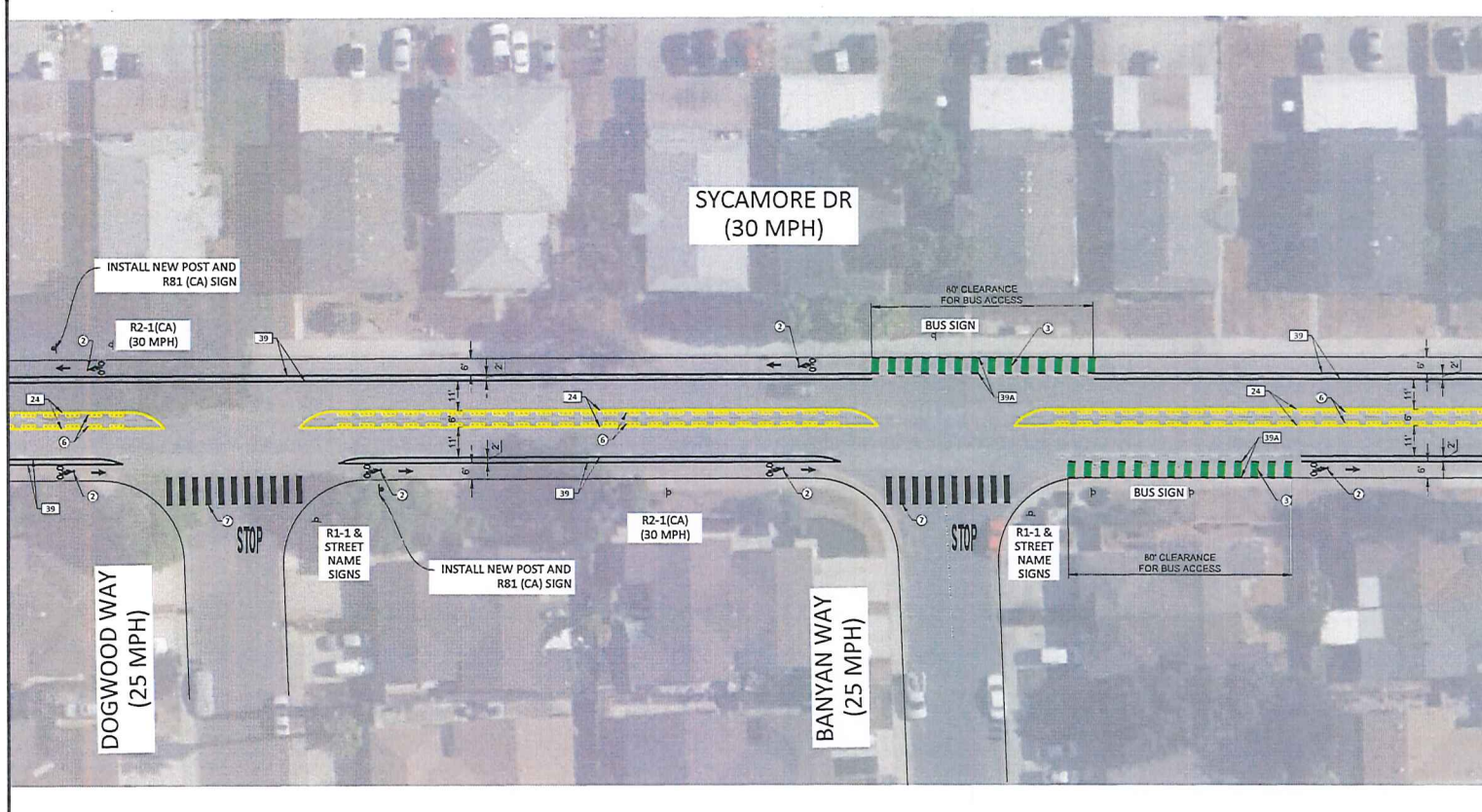
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PUB-C WORKS
PROJECT NO. 24 XXX-XX
SHEET 5
OF 9 SHEETS

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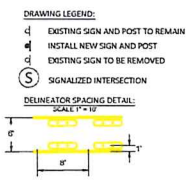
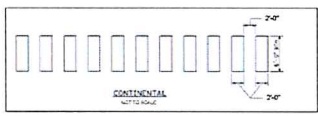


MATCHLINE D - SEE SHEET 5

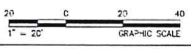
MATCHLINE E - SEE SHEET 7



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



NOTE:
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CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 20.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH 4.50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C, ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 35A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.
- ⑤ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
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- ⑦ FURNISH & INSTALL WHITE THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C, SO/LA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. BY DATE
REVISIONS:	

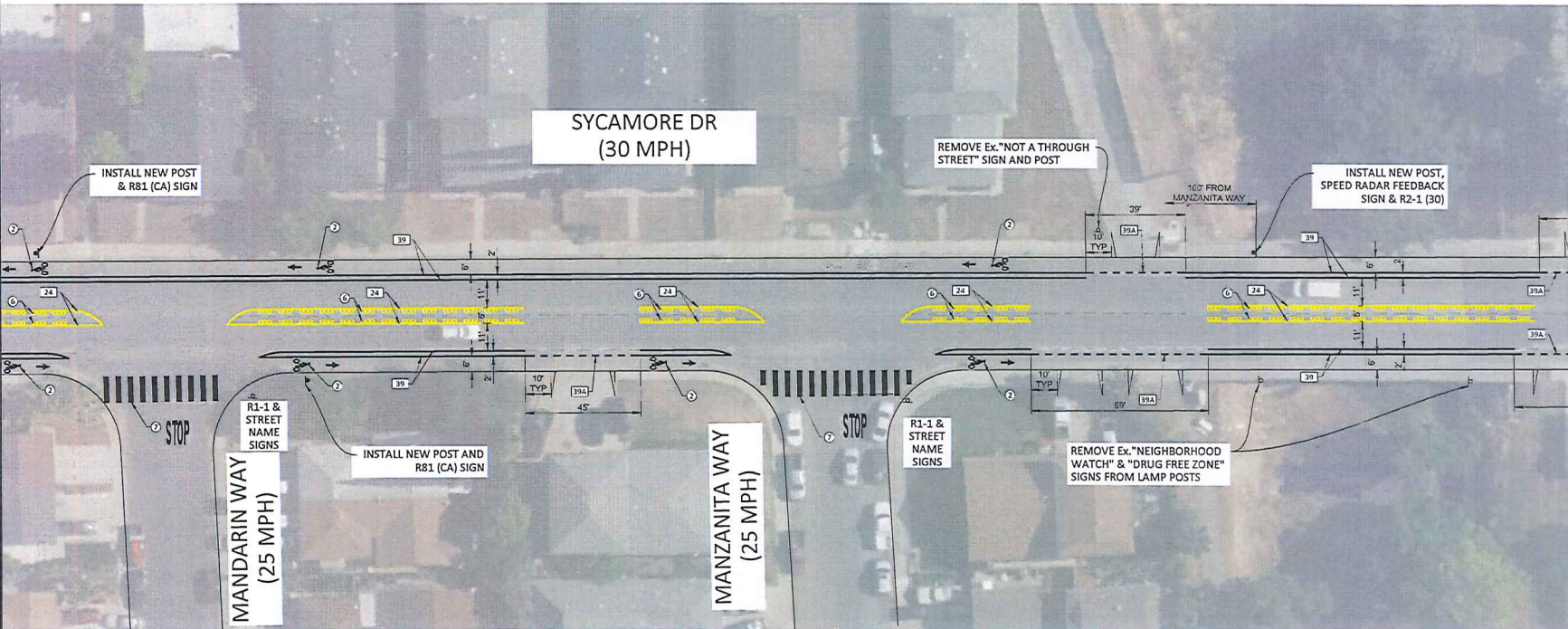
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. PW XXX-XX
		SHEET 5
		OF 9 SHEETS

B/C

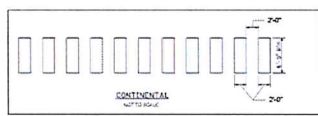


MATCHLINE E - SEE SHEET 6

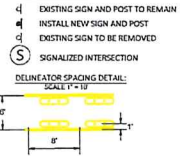
MATCHLINE F - SEE SHEET 8



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



DRAWING LEGEND:



NOTE: CURB WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANE LINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C, ORIENTATION PER PLAN.
- FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (I) ARROW MARKING PER CALTRANS STD PLAN A24A.
- FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH YELLOW FLEXIBLE DELINEATORS.
- FURNISH & INSTALL WHITE THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

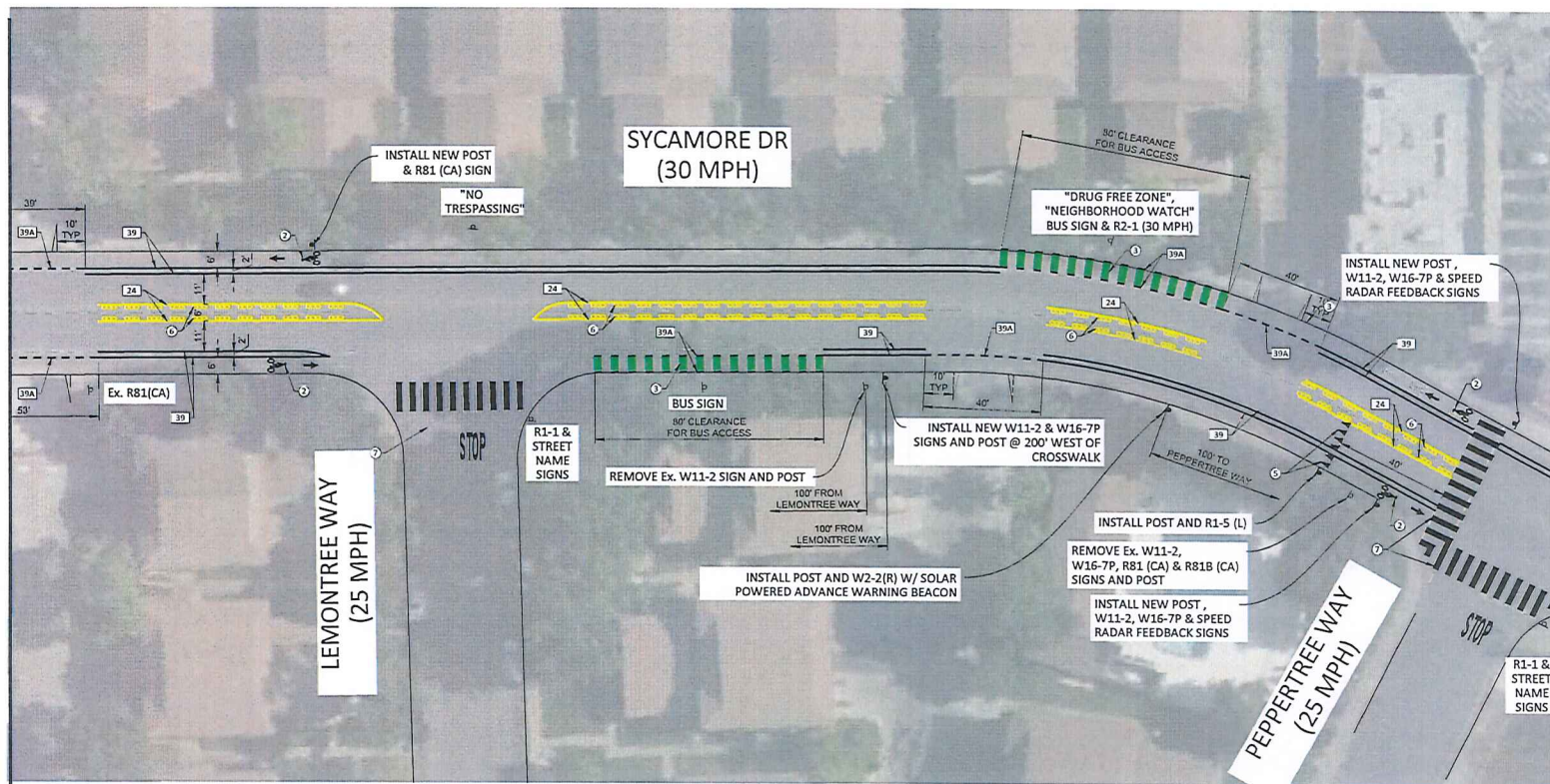
AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 6/16/23	APPROVED BY:
DESIGNED BY: KV/C. SOLLA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. BY DATE
REVISIONS:	

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1" = 20'
PUBLIC WORKS PROJECT NO. PW XXX-XX
SHEET 7
OF 9 SHEETS

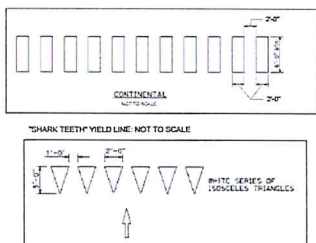
87



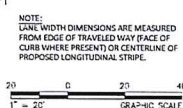
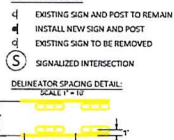
MATCHLINE F - SEE SHEET 7

MATCHLINE G - SEE SHEET 9

SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



DRAWING LEGEND:



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 9, 9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.

- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C, ORIENTATION PER PLAN.
- FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (I) ARROW MARKING PER CALTRANS STD PLAN A24A.
- FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH YELLOW FLEXIBLE DELINEATORS.
- FURNISH & INSTALL WHITE THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 6/19/23
DESIGNED BY: KV/C, SO/LA
CHECKED BY: C.SOLLA
DRAWN BY: KV
REVISIONS: _____

APPROVED BY: _____
PUBLIC WORKS DIRECTOR: _____
DATE: C.E.
NO. | BY | DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

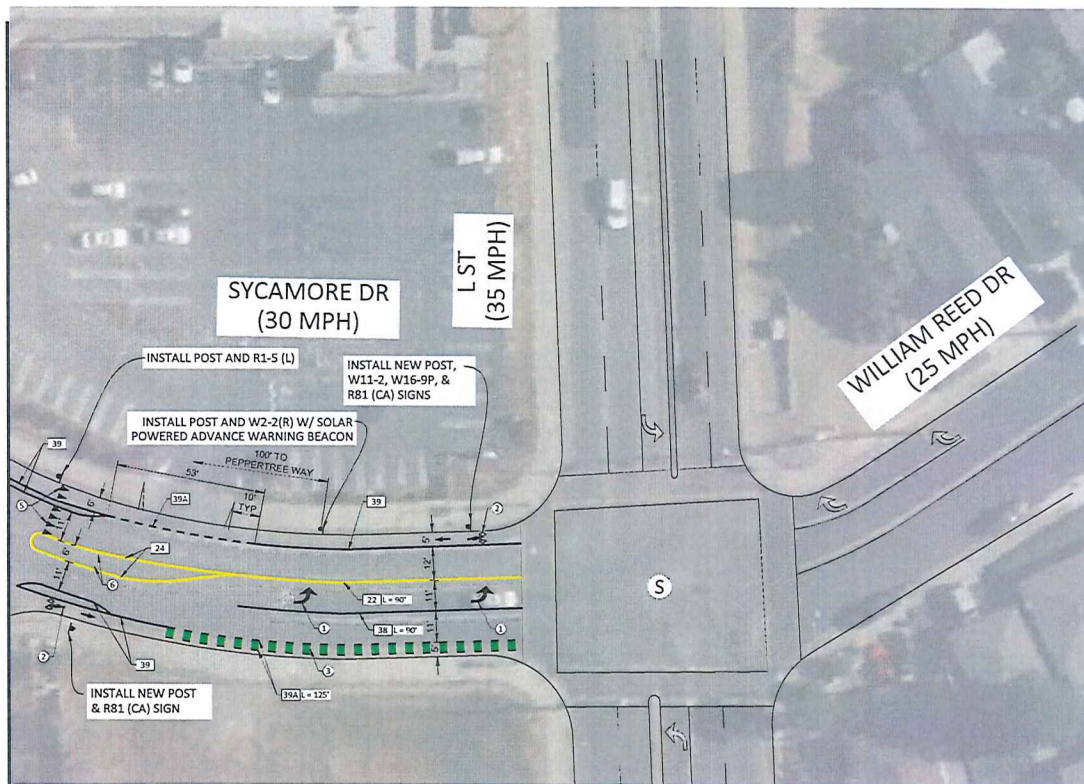
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. PW XXXX-XXX
SHEET 8
OF 9 SHEETS

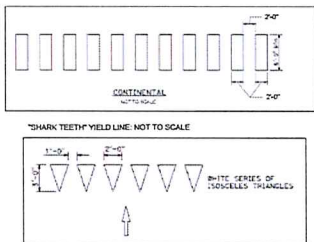
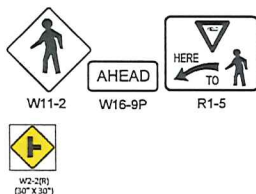
88



MATCHLINE G - SEE SHEET 8

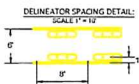


SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



DRAWING LEGEND:

- d EXISTING SIGN AND POST TO REMAIN
- ▲ INSTALL NEW SIGN AND POST
- d EXISTING SIGN TO BE REMOVED
- S SIGNALIZED INTERSECTION



NOTE:
LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 5' LONG, 6\"/>

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

- 1 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2 FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C ORIENTATION PER PLAN.
- 3 FURNISH & INSTALL DASHED GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED AS SHOWN BY WHITE, THERMOPLASTIC LINE (DETAIL 30A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.
- 5 FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 6 FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH YELLOW FLEXIBLE DELINEATORS.
- 7 FURNISH & INSTALL WHITE THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (10' WIDE).

DATE: 6/19/23	APPROVED BY:
DESIGNED BY: KV/C. SOLLA	PUBLIC WORKS DIRECTOR
CHECKED BY: C.SOLLA	DATE: C.E.
DRAWN BY: KV	NO. 1 BY DATE
REVISIONS:	

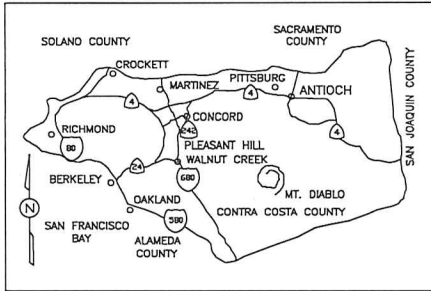
PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

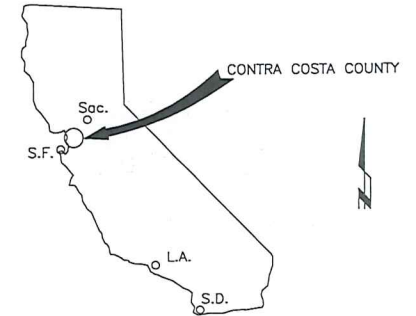
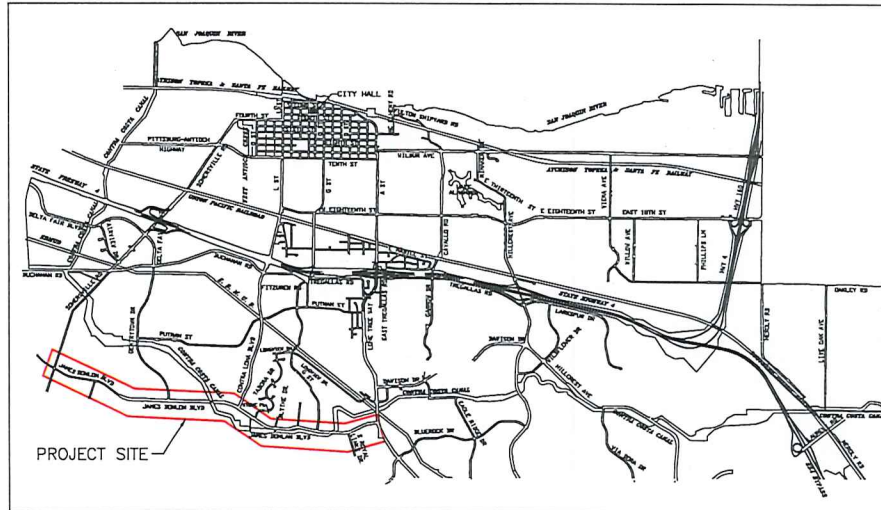
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. PW XXX-XX
SHEET 9
OF 9 SHEETS

B9

CITY OF ANTIOCH
 CAPITAL IMPROVEMENTS DEPARTMENT
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BOULEVARD
 FROM SOMERSVILLE RD TO LONE TREE WAY



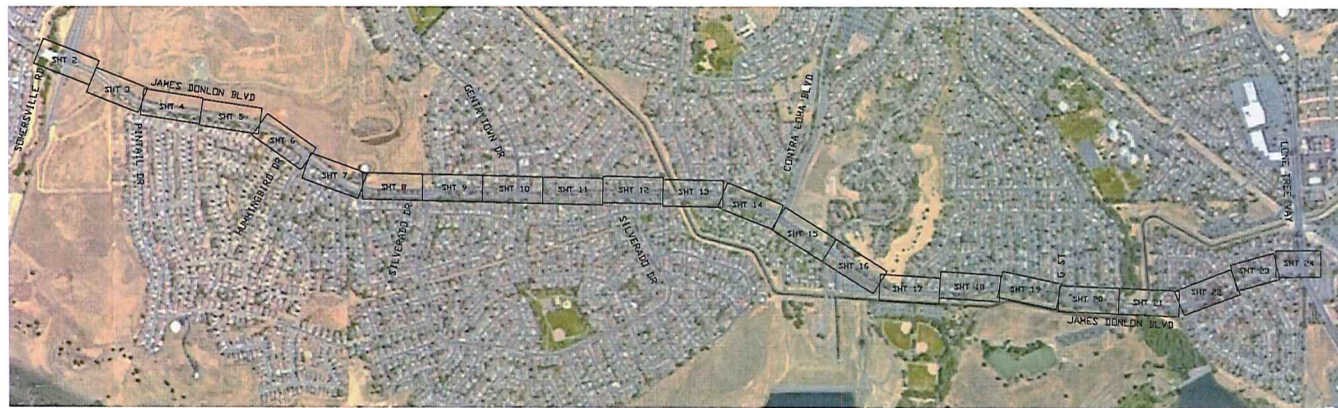
VICINITY MAP



SHEET INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2-24	SIGNING & STRIPING PLANS

ATTACHMENT "C"



CITY OF ANTIOCH

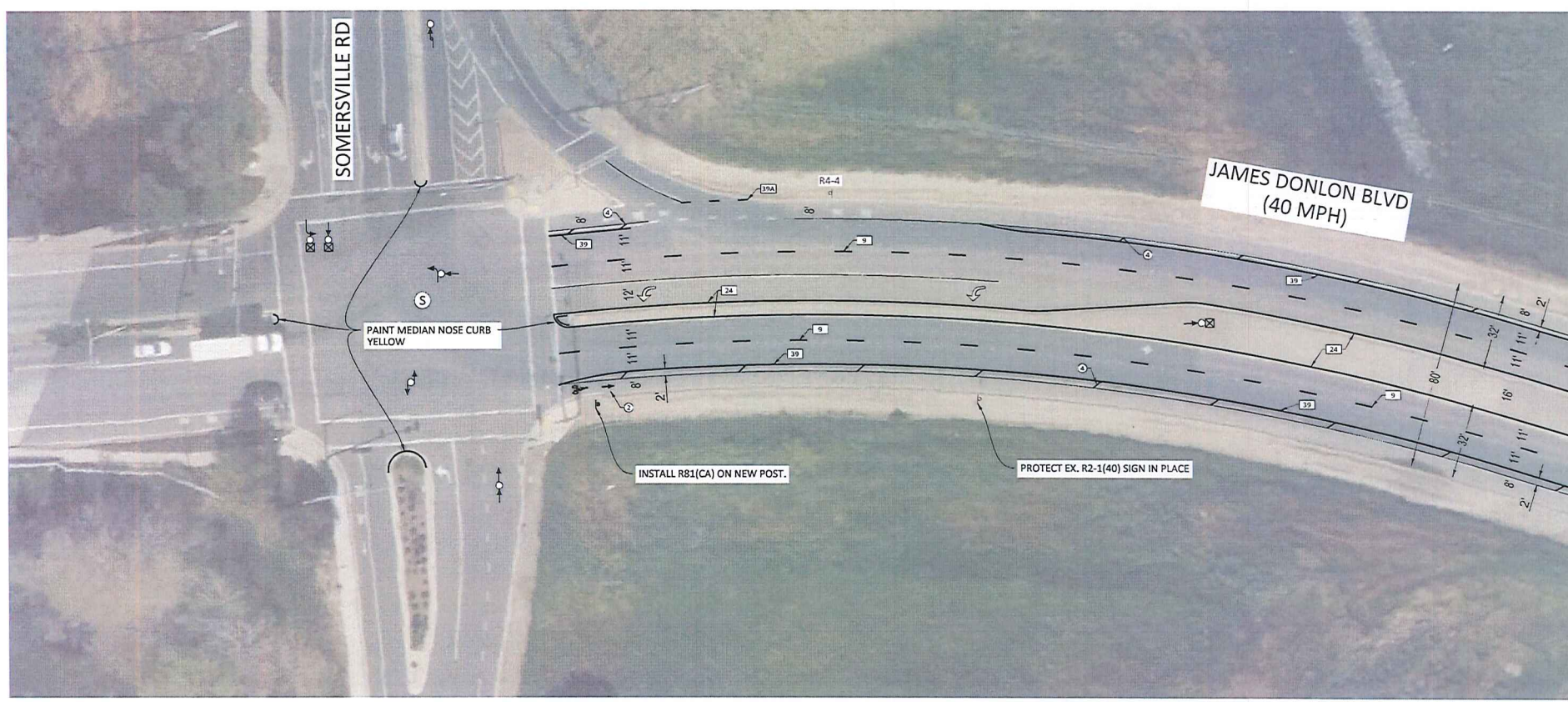
SCOTT BUENTING, P.E.
 ACTING PUBLIC WORKS DIRECTOR/CITY ENGINEER
 R.C.E. NO. 67442
 EXPIRES 12-31-2024

DATE

SHEET 1 OF 24 SHEETS

PW XXX-XX

21



MATCHLINE A - SEE NEXT SHEET

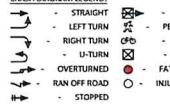
SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	8
MAPPED	8
NOT DRAWN	3
TOTAL	11

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:

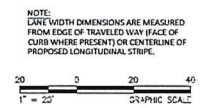


CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANE LINES (DETAILS R.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.



CONSTRUCTION NOTES (CONTINUED):

- 1) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2) FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5', ORIENTATION PER PLAN.
- 3) FURNISH & INSTALL GREEN, THERMOPLASTIC CONFLICT ZONE BORDERED ON BOTH SIDES BY WHITE, THERMOPLASTIC DASHES [DETAIL 39A], WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4) FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5) FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6) FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7) FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- 8) FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9) FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 10) FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 11) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (A) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SO.LA	/CITY ENGINEER
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'

PUBLIC WORKS PROJECT NO. FW 33X-33A

SHEET 2

OF 24 SHEETS

62



MATCHLINE A - SEE PREVIOUS SHEET

MATCHLINE B - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

-  R4-7
-  W2-2(R)
(20" X 30")
-  Pintail Dr
(20" X 8")
-  SOLAR POWERED
ADVANCED WARNING
BEACON


DRAWING LEGEND:

-  EXISTING SIGN AND POST
-  INSTALL NEW SIGN AND POST
-  INSTALL NEW SIGN ON EXISTING POST
-  SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

 122

ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5', ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (A) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

1" = 20'
GRAPHIC SCALE

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:		
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR / CITY ENGINEER		
CHECKED BY: C. SOLLA			
DRAWN BY: SDJ	NO.	BY	DATE
REVISICKS:			

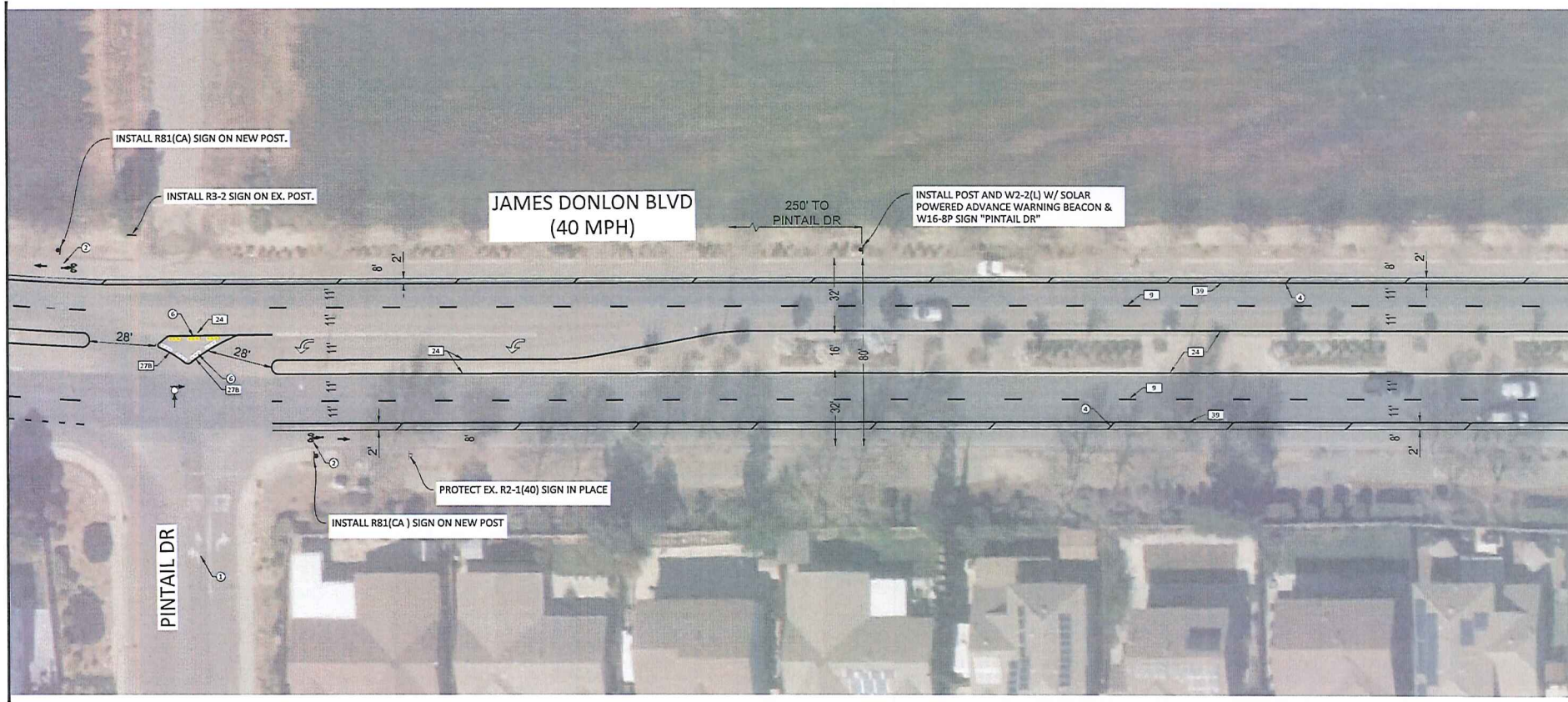
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		S.C.A.E.: 1"=20' PUBLIC WORKS PROJECT NO. FW XXX-XX
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		
		SHEET 3
		OF 24 SHEETS

3



MATCHLINE B - SEE PREVIOUS SHEET

MATCHLINE C - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	1
NOT DRAWN	1
TOTAL	2

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:

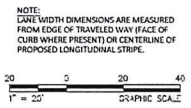
- ◻ EXISTING SIGN AND POST
- ◻ INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- Ⓢ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINE DETAILS S.9.11, OR 121 SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.



CONSTRUCTION NOTES (CONTINUED):

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5', ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 394), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS SECTOR
CHECKED BY: C. SOLLA	/CITY ENGINEER
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

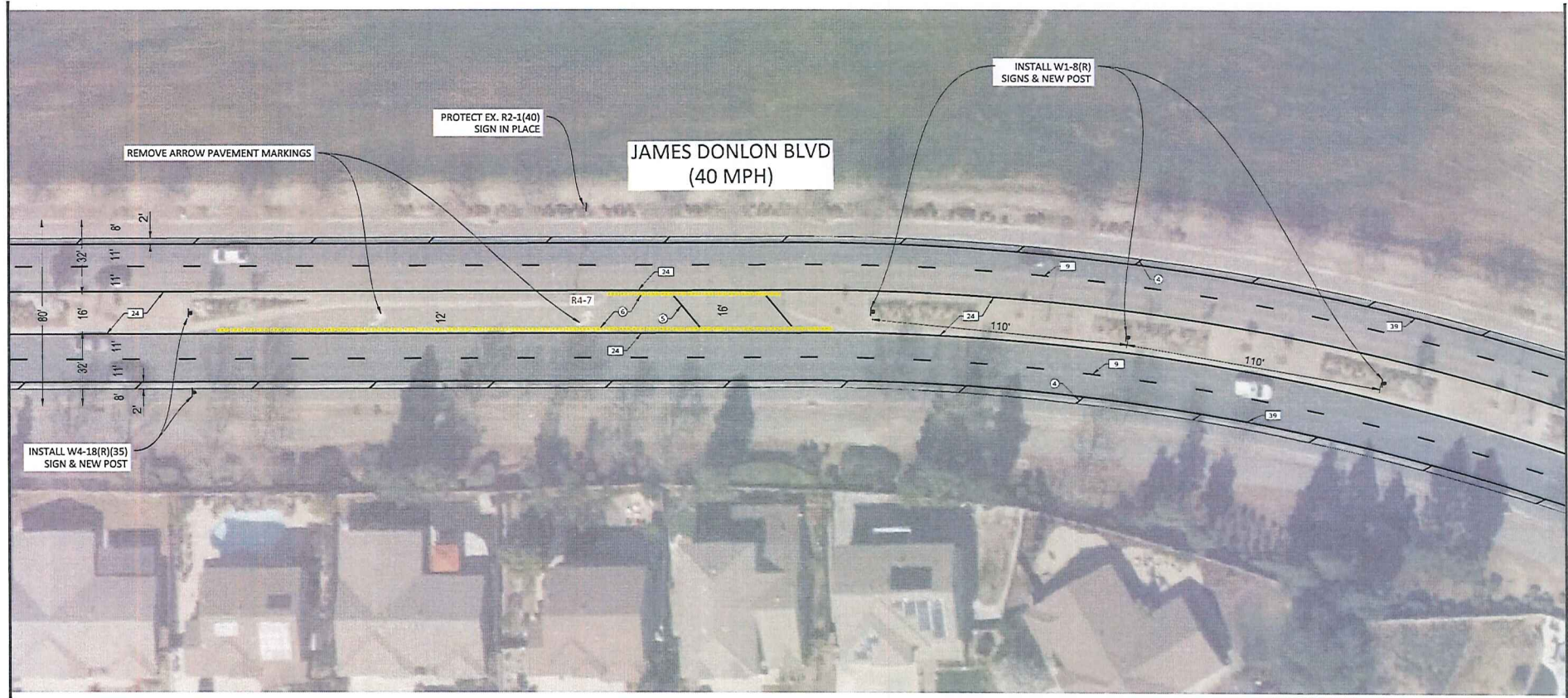
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 4
		OF 24 SHEETS

Handwritten initials 'SDJ' in the bottom left corner.



MATCHLINE C - SEE PREVIOUS SHEET

MATCHLINE D - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



- DRAWING LEGEND:**
- ◻ EXISTING SIGN AND POST
 - ◻ INSTALL NEW SIGN AND POST
 - ◻ INSTALL NEW SIGN ON EXISTING POST
 - Ⓢ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANE LINES (DETAILS 8.9.11, OR 122) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

- CONSTRUCTION NOTES (CONTINUED):**
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5", ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

- CONSTRUCTION NOTES (CONTINUED):**
- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
 - ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
 - ⑥ FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
 - ⑦ FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
 - ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

- CONSTRUCTION NOTES (CONTINUED):**
- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
 - ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
 - ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (A) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

1" = 20' GRAPHIC SCALE

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLJA	CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'

PUBLIC WORKS PROJECT NO. FW XXX-XX

SHEET 5

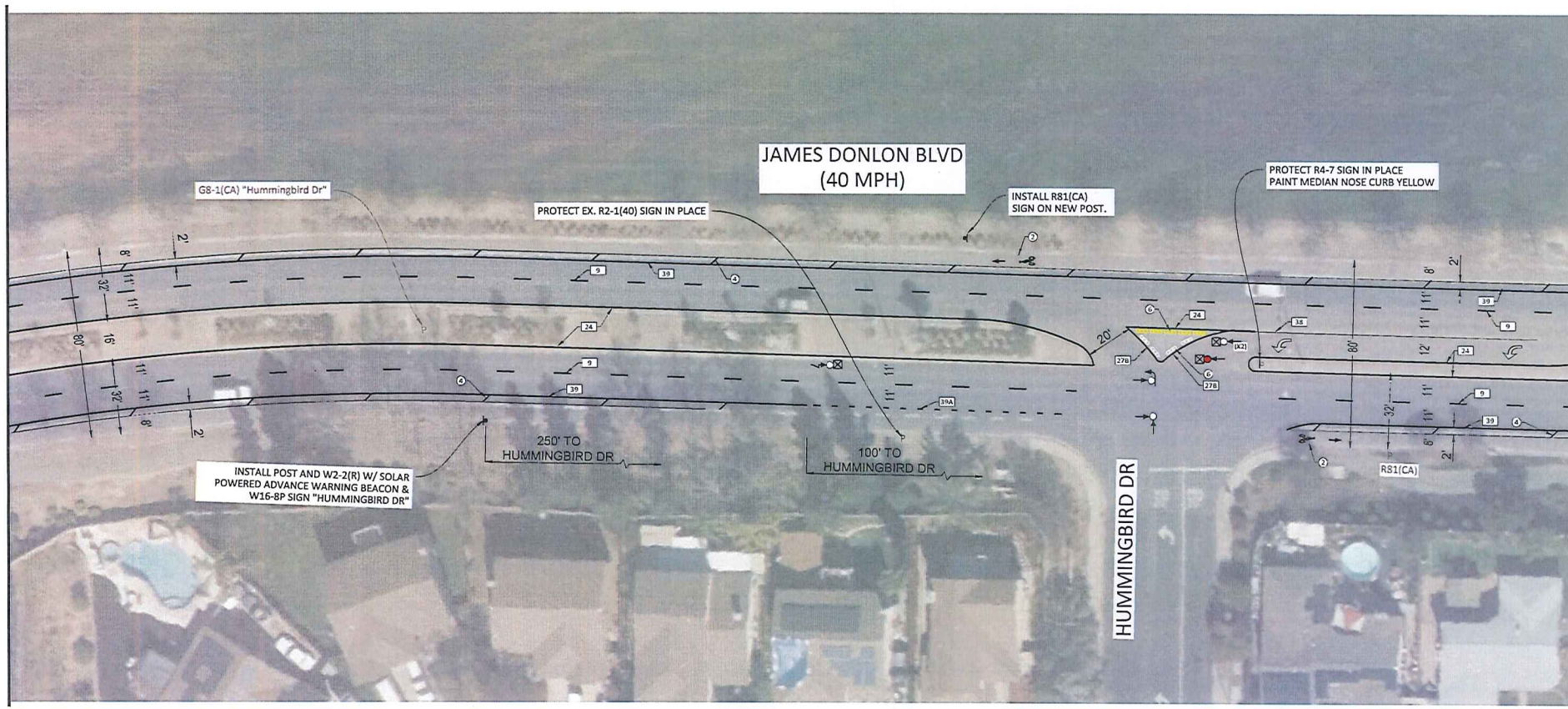
OF 24 SHEETS



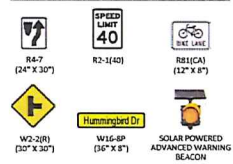


MATCHLINE D - SEE PREVIOUS SHEET

MATCHLINE E - SEE NEXT SHEET



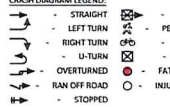
SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



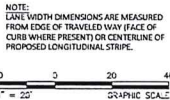
COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	1
INJURY CRASH	5
MAINP	6
NOT DRAWN	5
TOTAL	11

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.
 INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:
 ALL LANELENS (DETAILS 8.0, 11.0 OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- 1. FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2. FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20\"/>

CONSTRUCTION NOTES (CONTINUED):

- 3. FURNISH & INSTALL WHITE, THERMOPLASTIC, 4\"/>
- 4. FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4\"/>
- 5. FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 6. FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24B & A24E.
- 7. FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12\"/>

CONSTRUCTION NOTES (CONTINUED):

- 8. FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 9. FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24C.
- 10. FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (J) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIPOCH CALIFORNIA
 OPPORTUNITY LIVES HERE

AS BUILT
 DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	C.E.
REVISIONS:	NO. BY DATE

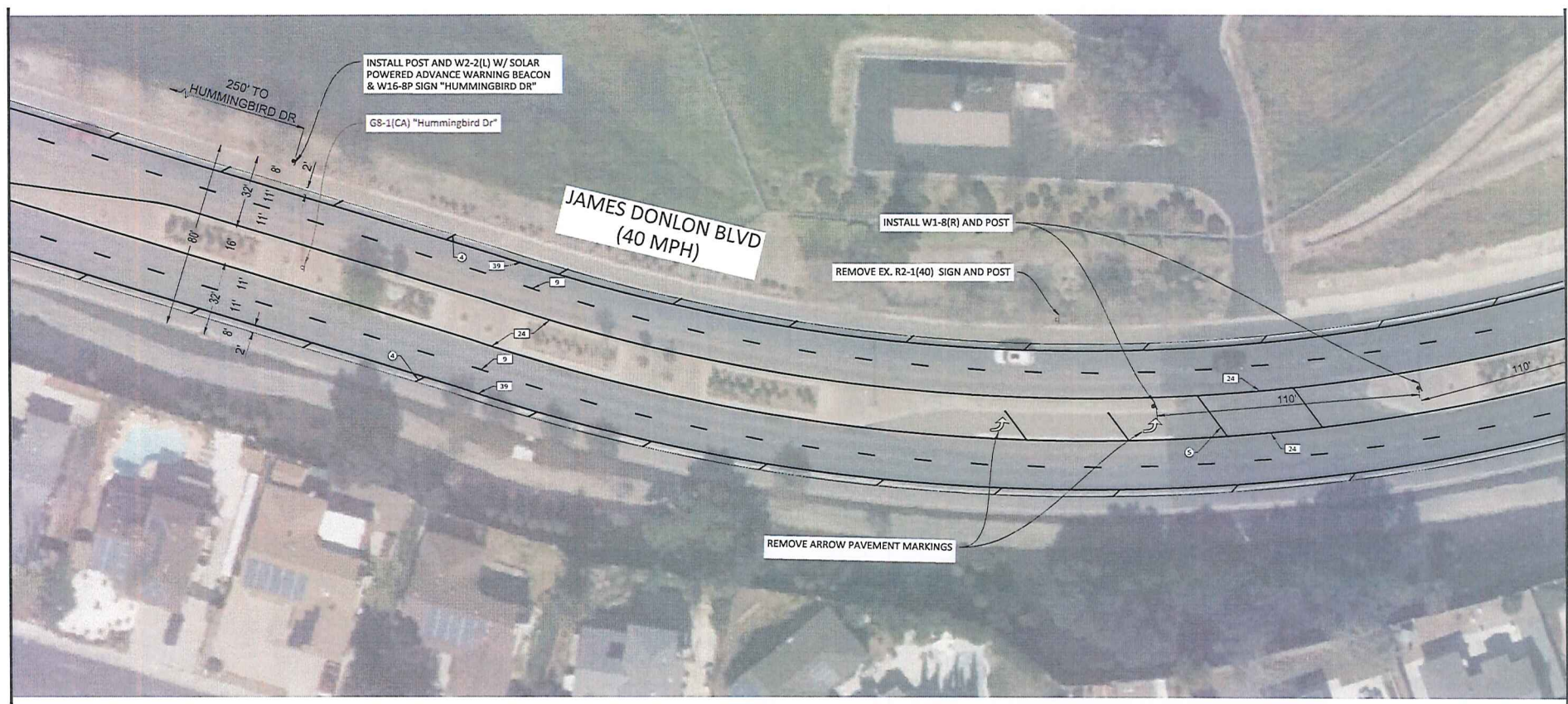
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. PW XXX-XX
		SHEET 6
		OF 24 SHEETS

Handwritten initials or mark.



MATCHLINE E - SEE PREVIOUS SHEET

MATCHLINE F - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- INSTALL NEW SIGN ON EXISTING POST
- SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL MATCHLINES (DETAILS B-0.11, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE 'V' ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BICYCLE LANE ARROW AND BICYCLE LANE SYMBOL, WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS, 20'X55', ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIGHT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (4) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: CARE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____

INSPECTED BY: _____

AS BUILT REVISIONS: _____

DATE: _____

BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDM	PUBLIC WORKS DIRECTOR CITY ENGINEER
CHECKED BY: C. SO,LA	
DRAWN BY: SD	DATE: _____
REVISIONS:	NO. BY DATE

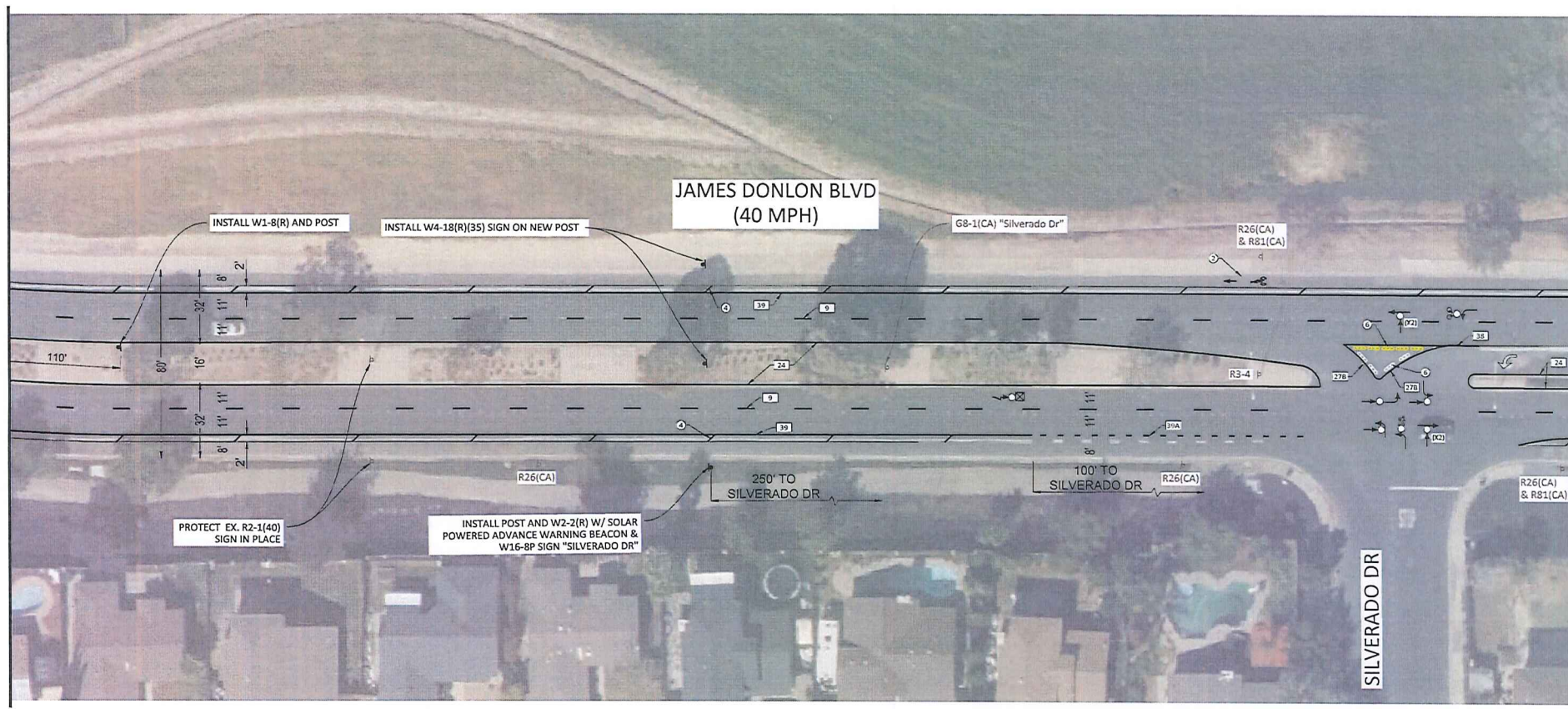
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 7
		OF 24 SHEETS

07



MATCHLINE F - SEE PREVIOUS SHEET

MATCHLINE G - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

R2-1(40)

W1-6(R) (15' x 24')

W4-18(R)(35) (48" x 48')

W2-2(R) (30" x 30')

W16-8P (30" x 8')

SILVERADO DR

SOLAR POWERED ADVANCED WARNING BEACON

COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	10
MAPPED	2
NOT DRAWN	2
TOTAL	12

CRASH DIAGRAM LEGEND:

STRAIGHT
 LEFT TURN
 RIGHT TURN
 U-TURN
 OVERTURNED
 RUN OFF ROAD
 STOPPED

DRAWING LEGEND:

EXISTING SIGN AND POST
 INSTALL NEW SIGN AND POST
 INSTALL NEW SIGN ON EXISTING POST
 SIGNALIZED INTERSECTION

PARKED
 PEDESTRIAN
 BICYCLE
 OBJECT
 FATAL CRASH
 INJURY CRASH

NOTE:
LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN.

ALL LANELINES (DETAILS R0-11, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL, WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X55", ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 399L WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONVENTIONAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIPOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	
CHECKED BY: C. SOLLA	PUBLIC WORKS DIRECTOR
DRAWN BY: SDJ	CITY ENGINEER
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

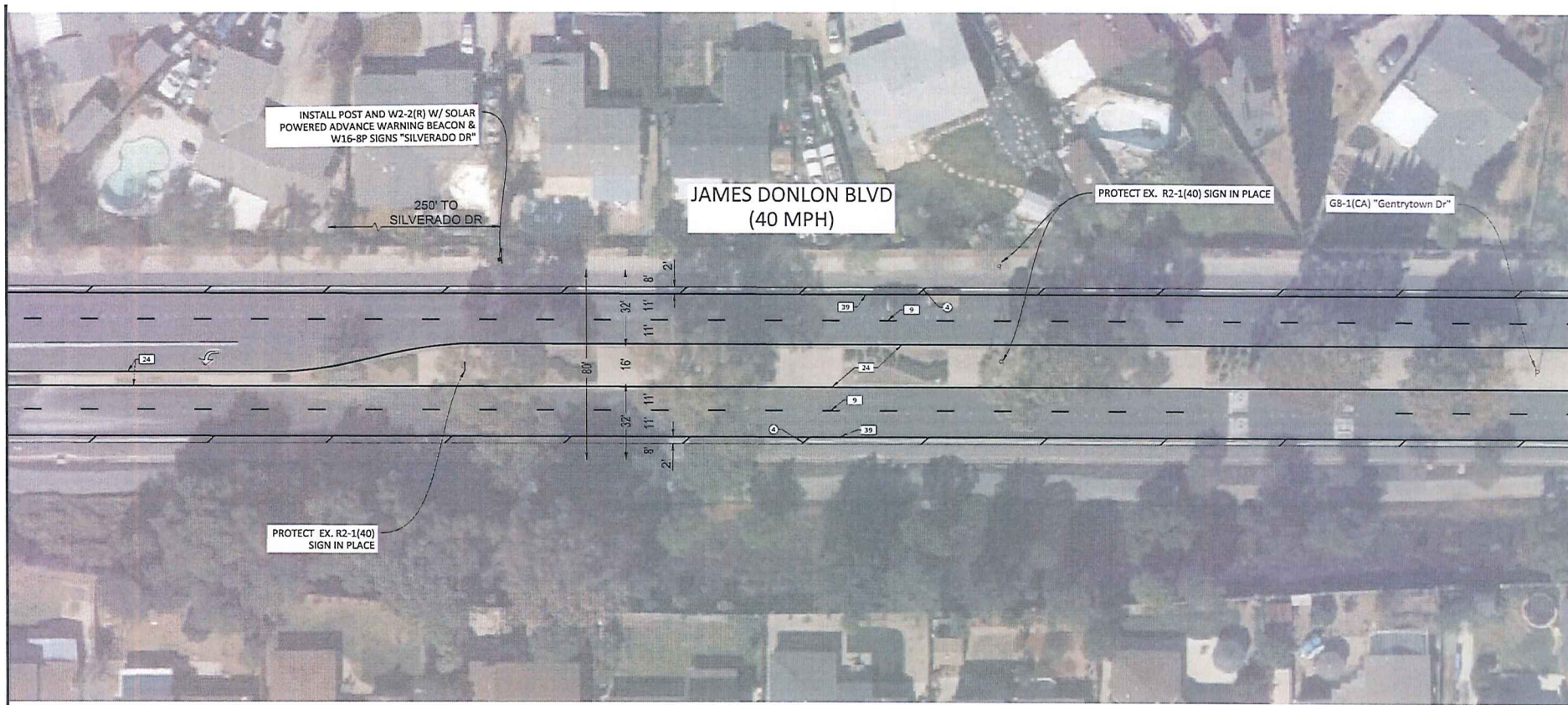
SCALE: 1"=20'	PUBLIC WORKS PROJECT NO. FW XXX-XX
	SHEET 9
	OF 24 SHEETS

SD



MATCHLINE G - SEE PREVIOUS SHEET

MATCHLINE H - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

- R2-1(40)
- W2-2(R) (30" X 30")
- W16-8P (30" X 6")
- SOLAR POWERED ADVANCED WARNING BEACON

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- INSTALL NEW SIGN ON EXISTING POST
- SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.9.1A, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 5/2" LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE W ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5". ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINGENTIAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (8) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: CARE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____

INSPECTED BY: _____

AS BUILT REVISIONS: _____

DATE: _____

BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR / CITY ENGINEER
CHECKED BY: C. SO, LA	
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

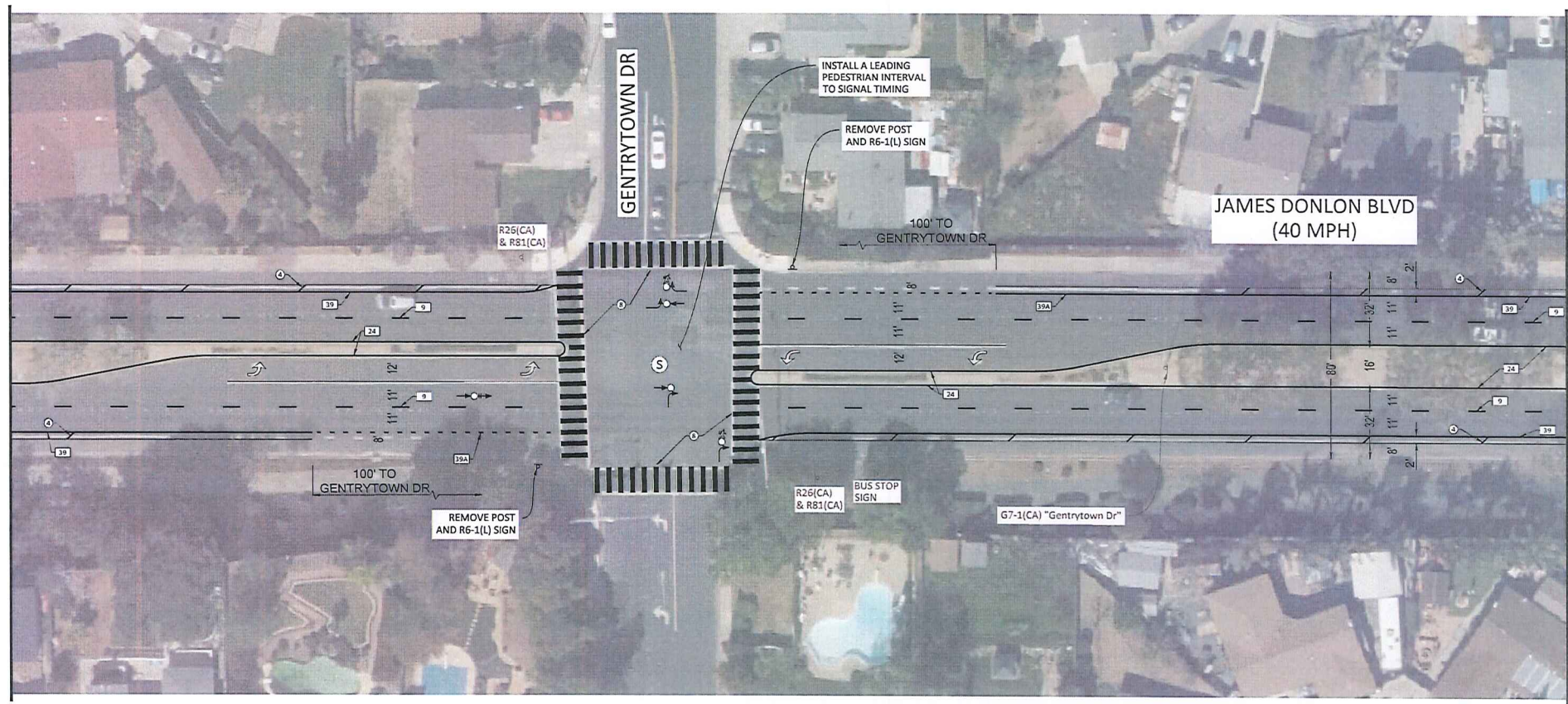
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION	SCALE: 1"=20'
	PUBLIC WORKS PROJECT NO. FW XXX-XX
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD	SHEET 9
	OF 24 SHEETS

09



MATCHLINE H - SEE PREVIOUS SHEET

MATCHLINE I - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	5
MAILED	5
NOT DRAWN	1
TOTAL	6

DRAWING LEGEND:

- ◻ EXISTING SIGN AND POST
- ◻ INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CRASH DIAGRAM LEGEND:

- STRAIGHT
- ↙ LEFT TURN
- ↘ RIGHT TURN
- ↺ U-TURN
- ↻ OVERTURNED
- ↗ RAN OFF ROAD
- ⊙ STOPPED
- ⊙ PARKED
- ⊙ PEDESTRIAN
- ⊙ BICYCLE
- ⊙ OBJECT
- ⊙ FATAL CRASH
- ⊙ INJURY CRASH

NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELER WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN.

ALL LANELINES (DETAILS 8.0.11, 8.0.13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE 'N' ARROW MARKING PER CALTRANS STD PLAN A34A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BICYCLE LANE ARROW AND BICYCLE SYMBOL, WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 2'X5', ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDM	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SD	DATE: _____
REVISIONS:	NO. BY DATE

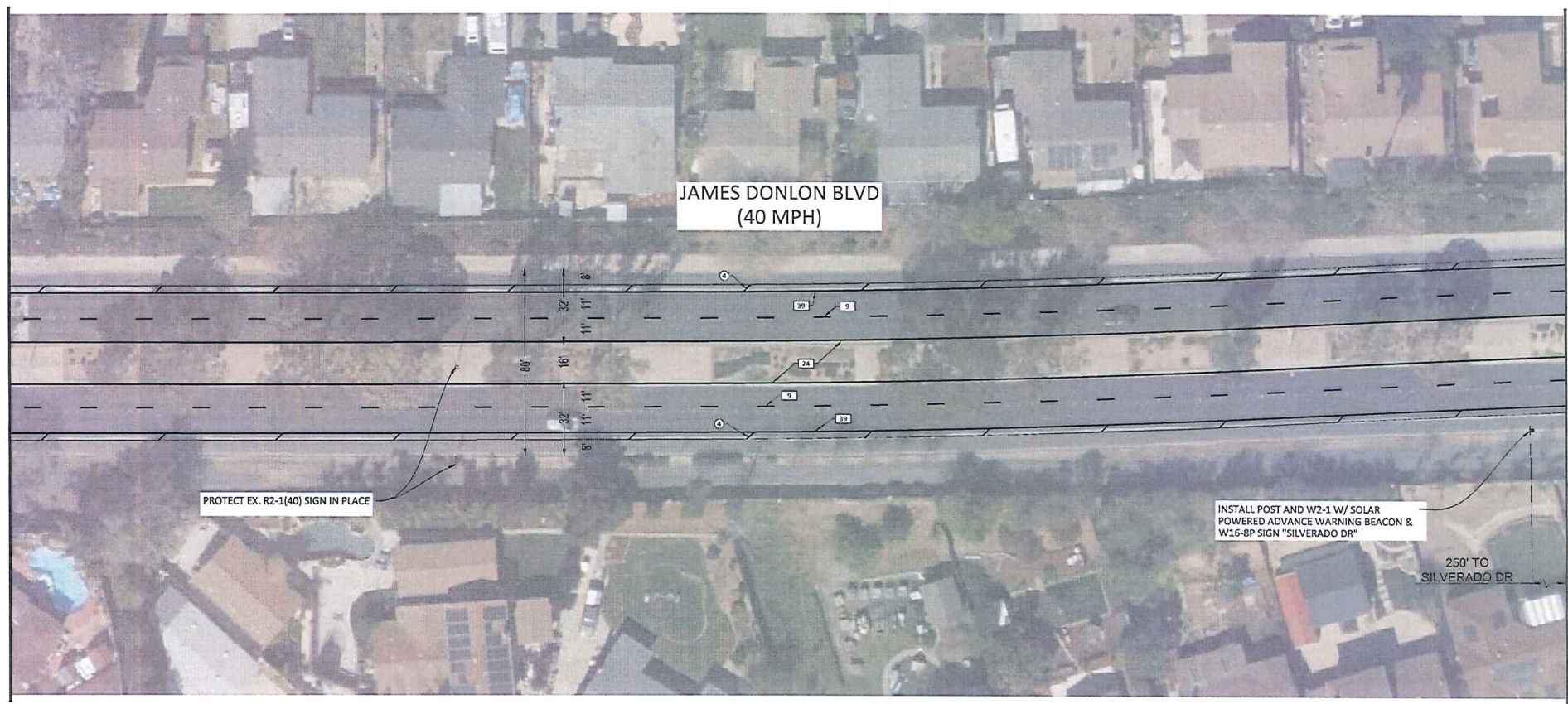
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 10
		OF 24 SHEETS

910



MATCHLINE I - SEE PREVIOUS SHEET

MATCHLINE J - SEE NEXT SHEET



**JAMES DONLON BLVD
(40 MPH)**

PROTECT EX. R2-1(40) SIGN IN PLACE

INSTALL POST AND W2-1 W/ SOLAR POWERED ADVANCE WARNING BEACON & W16-8P SIGN "SILVERADO DR"

250' TO SILVERADO DR

SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

R2-1(40) W2-1 (30" X 30") Silverado Dr W16-8P (30" X 8") SOLAR POWERED ADVANCED WARNING BEACON

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- INSTALL NEW SIGN ON EXISTING POST
- SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

122

ALL LANELINES (DETAILS 8.0.1.1, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL, WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5", ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

1" = 20' GRAPHIC SCALE

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____

INSPECTED BY: _____

AS BUILT REVISIONS: _____

DATE: _____

BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLOA	/CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

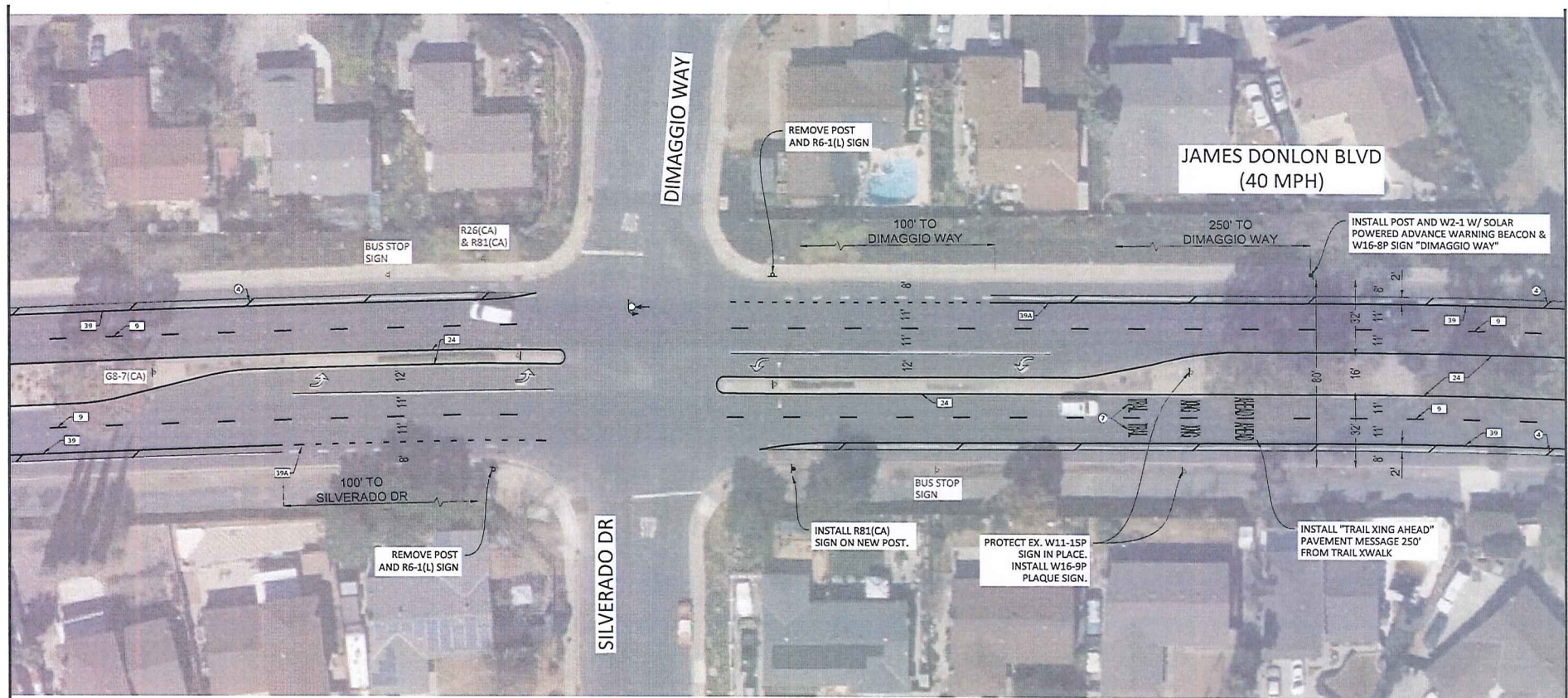
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 11
		OF 24 SHEETS

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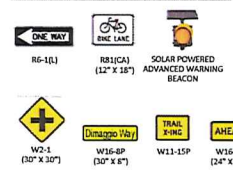


MATCHLINE J - SEE PREVIOUS SHEET

MATCHLINE K - SEE NEXT SHEET



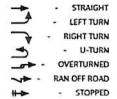
SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	1
MAILED	2
NOT DRAWN	2
TOTAL	5

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:

- DISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINE DETAILS 80.11, 88.13 SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

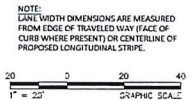
- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X55", ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 399A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	/CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

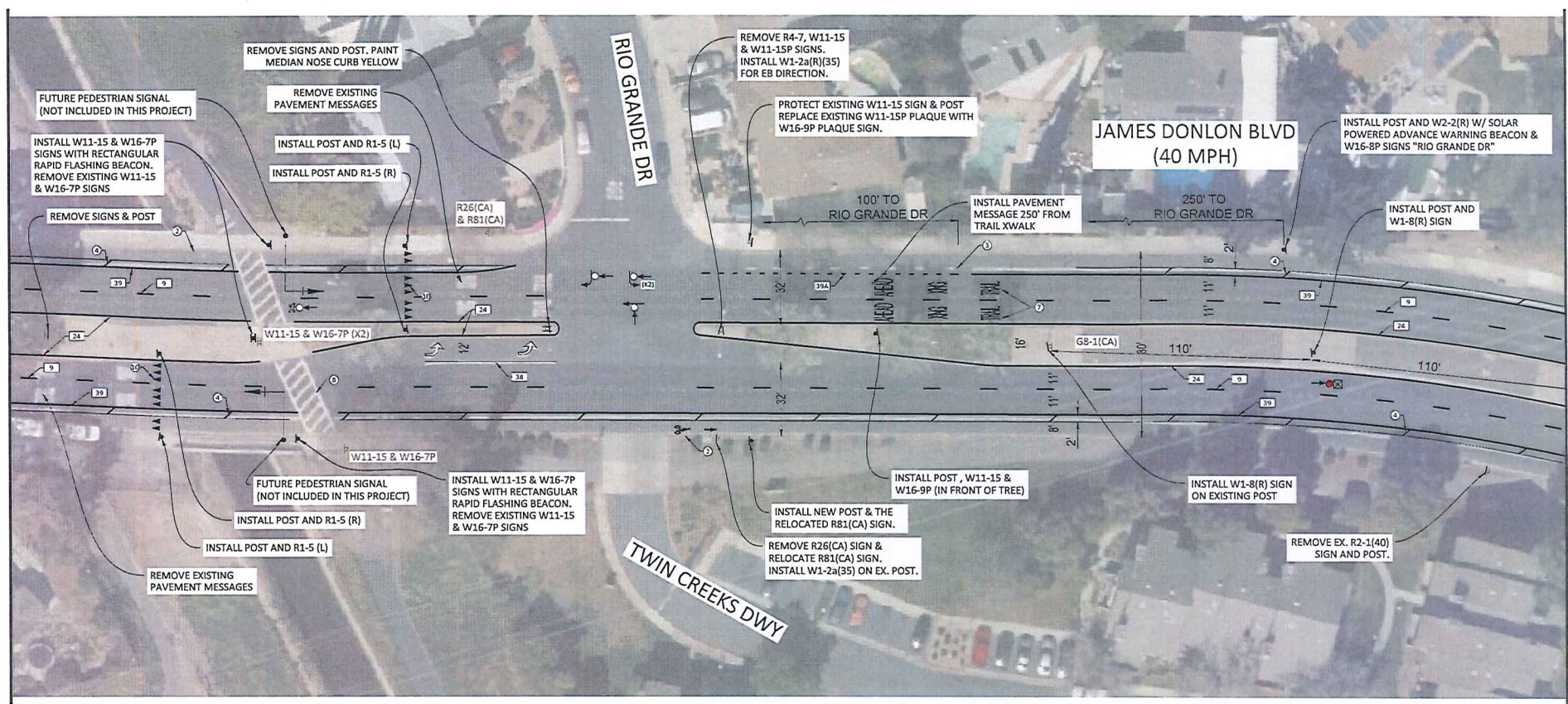
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 12
OF 24 SHEETS

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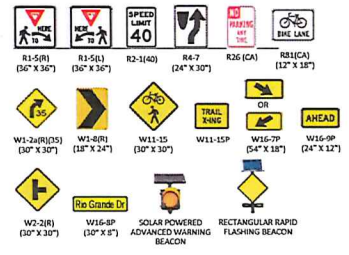


MATCHLINE K - SEE PREVIOUS SHEET

MATCHLINE L - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	1
INJURY CRASH	5
MAPPED	6
NOT DRAWN	1
TOTAL	7

CRASH DIAGRAM LEGEND:

- STRAIGHT
- LEFT TURN
- RIGHT TURN
- U-TURN
- OVERTURNED
- RAN OFF ROAD
- STOPPED
- PARKED
- PEDESTRIAN
- BICYCLE
- OBJECT
- FATAL CRASH
- INJURY CRASH

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- INSTALL NEW SIGN ON EXISTING POST
- SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

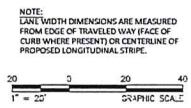
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- FURNISH & INSTALL WHITE, THERMOPLASTIC BICYCLE LANE ARROW AND BICYCLE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24E WITH DIMENSIONS 20"X5". ORIENTATION PER PLAN.
- FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24E & A24E.
- FURNISH & INSTALL THERMOPLASTIC CONTINGENTIAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (A) ARROW MARKING PER CALTRANS STD PLAN A24A.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DEPARTMENT
CHECKED BY: C. SOLLA	CAPITAL IMPROVEMENTS DIVISION
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

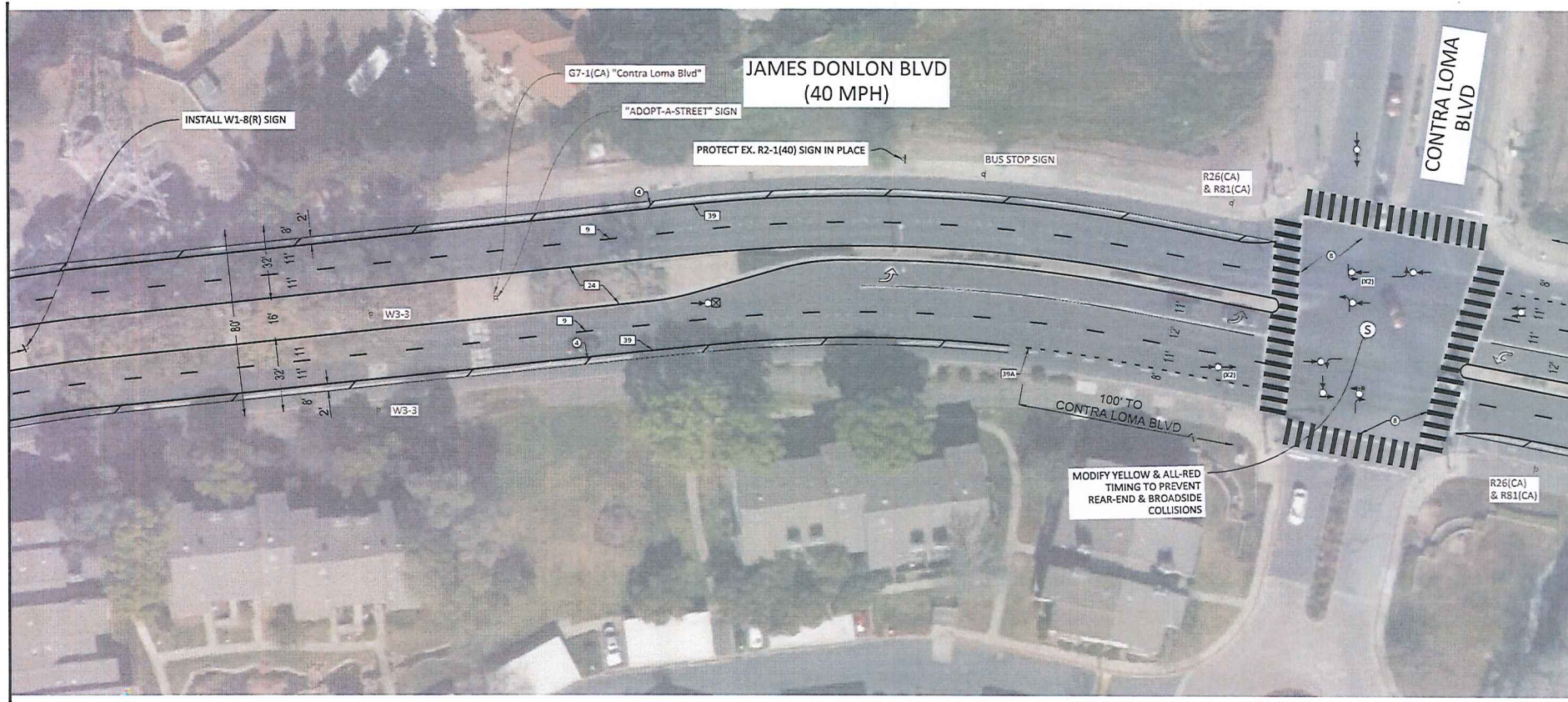
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 13
		OF 24 SHEETS

013



MATCHLINE L - SEE PREVIOUS SHEET

MATCHLINE M - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

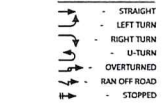


W3-6(1)
[18" X 24"]

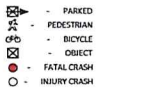
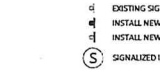
COLLISION SUMMARY (THIS SHEET ONLY):

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INJURY CRASH	12
MAPPED	12
NOT DRAWN	1
TOTAL	13

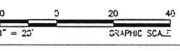
CRASH DIAGRAM LEGEND:



DRAWING LEGEND:



NOTE:
LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANE LINES (DETAILS 8.9.11, OR 8.12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

AS BUILT

DATE ACCEPTED: _____

INSPECTED BY: _____

AS BUILT REVISIONS: _____

DATE: _____

BY: _____

CONSTRUCTION NOTES (CONTINUED):

- 1) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2) FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5", ORIENTATION PER PLAN.
- 3) FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4) FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5) FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6) FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7) FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- 8) FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9) FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 10) FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 11) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (A) ARROW MARKING PER CALTRANS STD PLAN A24A.

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE:
REVISIONS:	NO. BY DATE

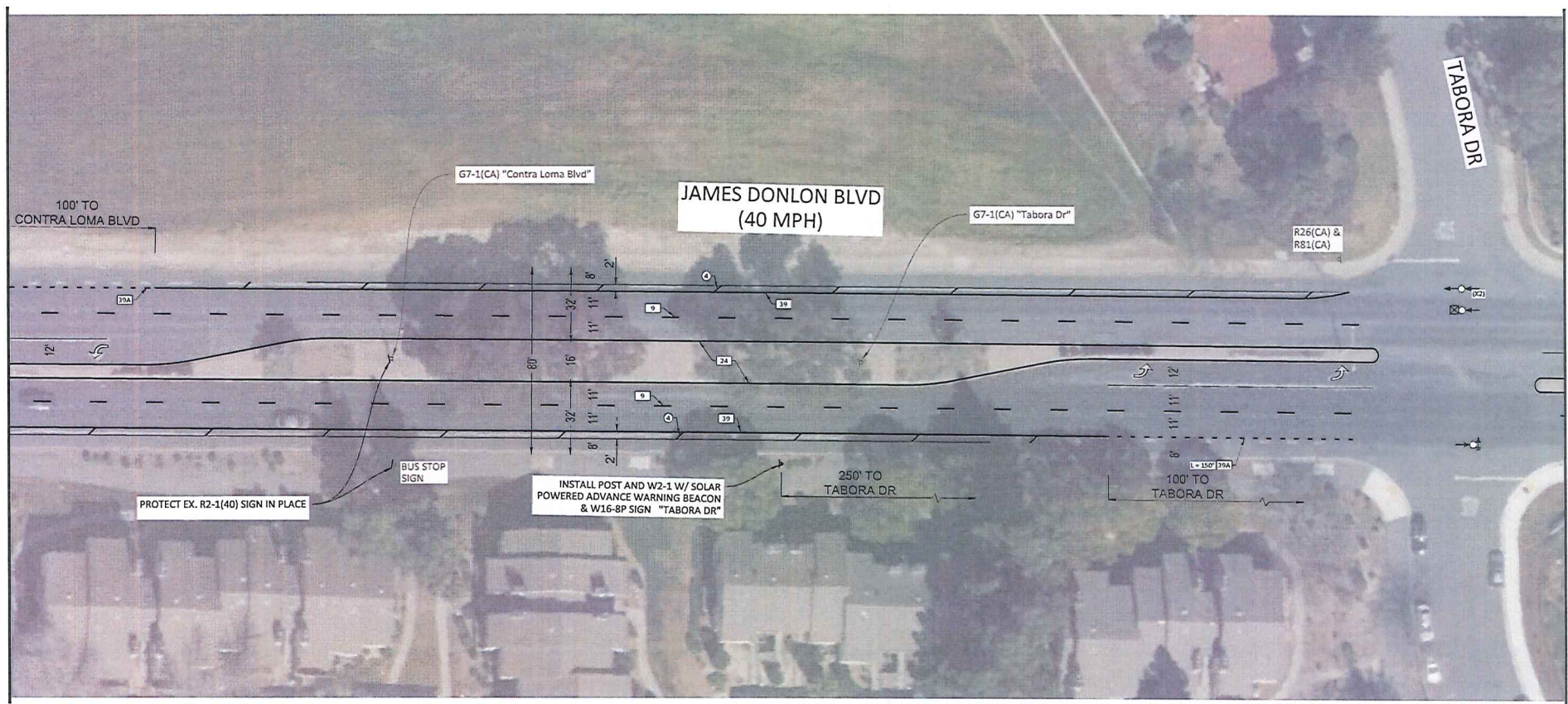
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CAPITAL IMPROVEMENTS DIVISION		PUBLIC WORKS PROJECT NO. FW 2023-03
TRAFFIC CALMING IMPROVEMENTS		SHEET 14
JAMES DONLON BLVD		OF 24 SHEETS

Handwritten signature 'CJF' in the bottom left corner.



MATCHLINE M - SEE PREVIOUS SHEET

MATCHLINE N - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	4
MAJOR CRASH	4
NOT DRAWN	0
TOTAL	4

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:

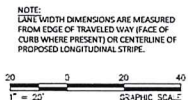
- ◻ EXISTING SIGN AND POST
- ◻ INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANE LINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 5' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.



CONSTRUCTION NOTES (CONTINUED):

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BICYCLE LANE ARROW AND BICYCLE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"X5", ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLJA	CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

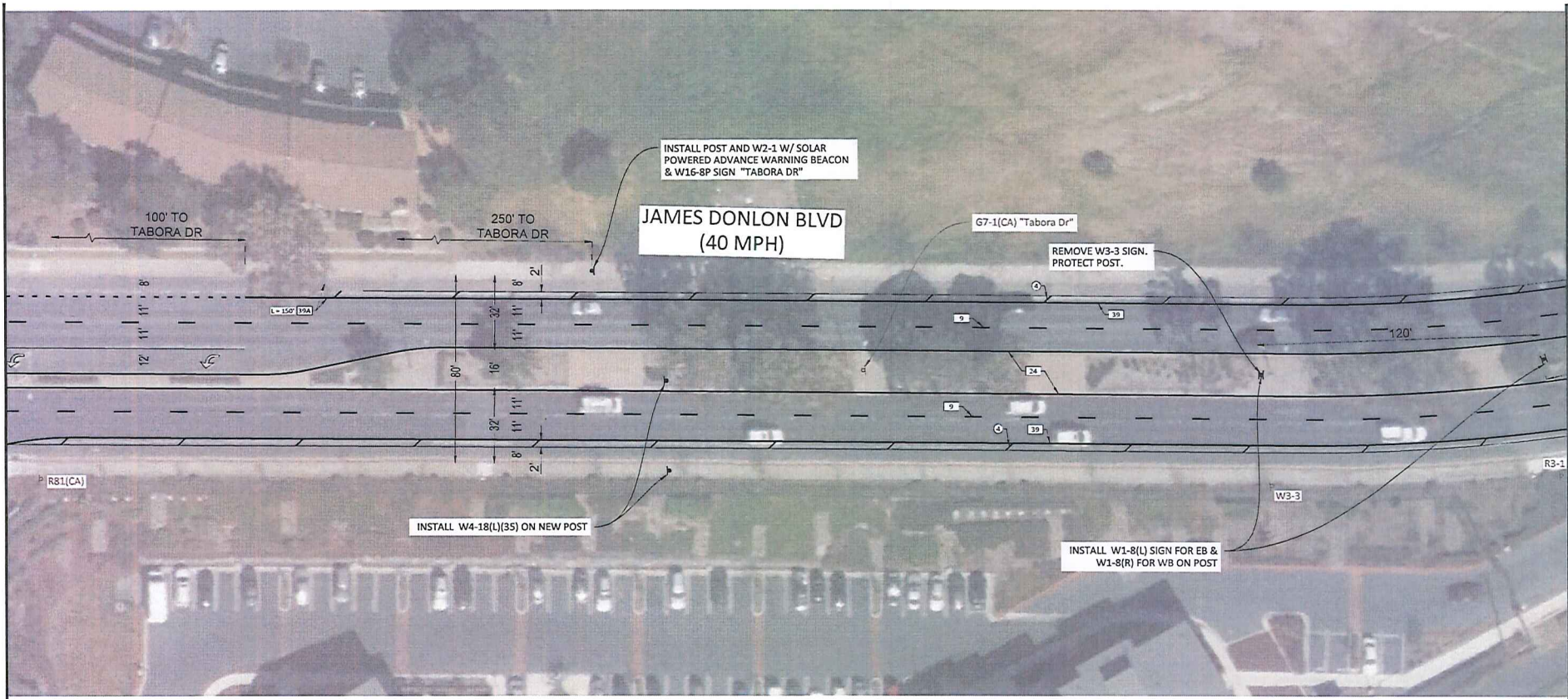
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 15
OF 24 SHEETS

CIS



MATCHLINE N - SEE PREVIOUS SHEET

MATCHLINE O - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



DRAWING LEGEND:

- ◻ EXISTING SIGN AND POST
- ◻ INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- Ⓢ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANE LINES (DETAIL 327, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE C RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 200"; ORIENTATION PER PLAN.
- ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 394) WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50" APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50" APART.
- ⑥ FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24B & A24E.
- ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR / CITY ENGINEER
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

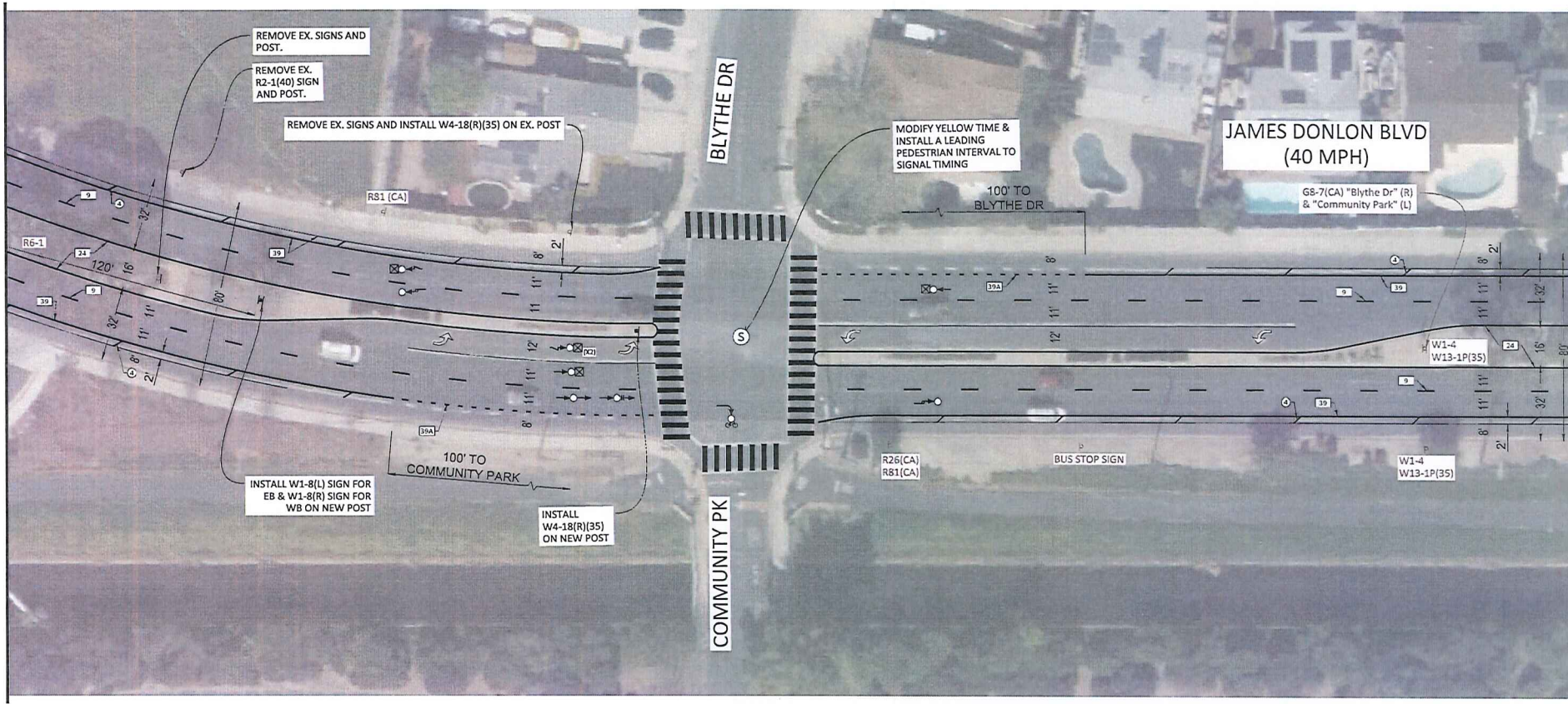
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 16
OF 24 SHEETS

C/E



MATCHLINE O - SEE PREVIOUS SHEET

MATCHLINE P - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



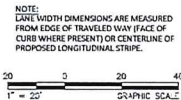
COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	10
MAPPED	10
NOT DRAWN	4
TOTAL	14

DRAWING LEGEND:



CRASH DIAGRAM LEGEND:



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINES (DETAILS 8.8, 11, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 5' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
1. FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
 2. FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"; ORIENTATION PER PLAN.
 3. FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

4. FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
5. FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
6. FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
7. FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24B & A24E.
8. FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

9. FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
10. FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
11. FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV (L) ARROW MARKING PER CALTRANS STD PLAN A24A.

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE:
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

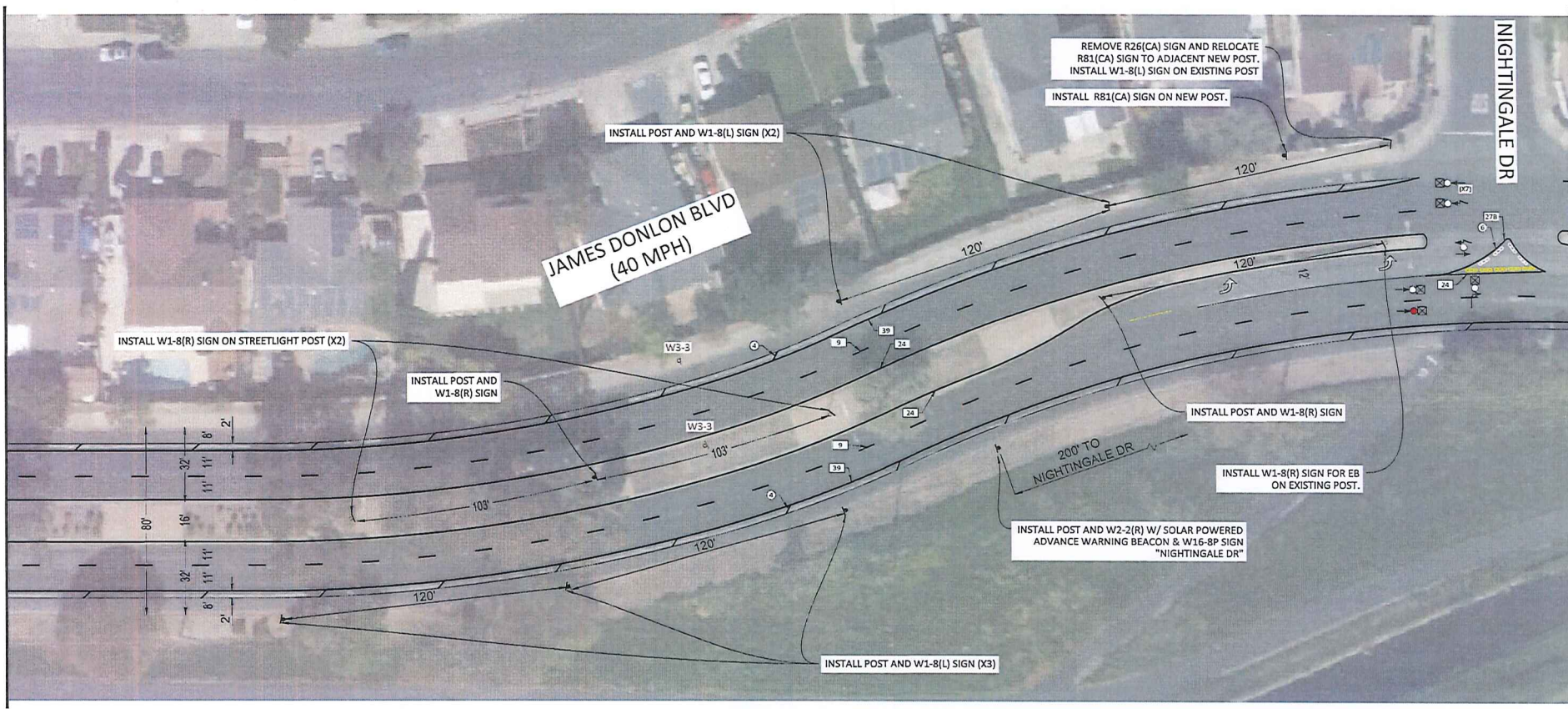
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 17
OF 24 SHEETS

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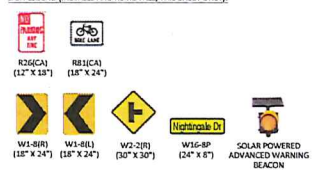


MATCHLINE P - SEE PREVIOUS SHEET

MATCHLINE Q - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



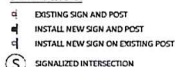
COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	11
INJURY CRASH	1
MAPPED	12
NOT DRAWN	2
TOTAL	14

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINE DETAILS (S.B.11, OR 13) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

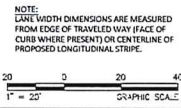
- 1 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A244, ORIENTATION PER PLAN.
- 2 FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A244 & A245 WITH DIMENSIONS 20"X5". ORIENTATION PER PLAN.
- 3 FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4 FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5 FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6 FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7 FURNISH & INSTALL PAVEMENT MARKING WORKS AS SHOWN AND PER CALTRANS STD PLANS A240 & A246.
- 8 FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A246 (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9 FURNISH & INSTALL THERMOPLASTIC LINE LANE PER CALTRANS STD PLAN A246.
- 10 FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A246.
- 11 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV (L) ARROW MARKING PER CALTRANS STD PLAN A244.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
 INSPECTED BY: _____
 AS BUILT REVISIONS: _____
 DATE: _____
 BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

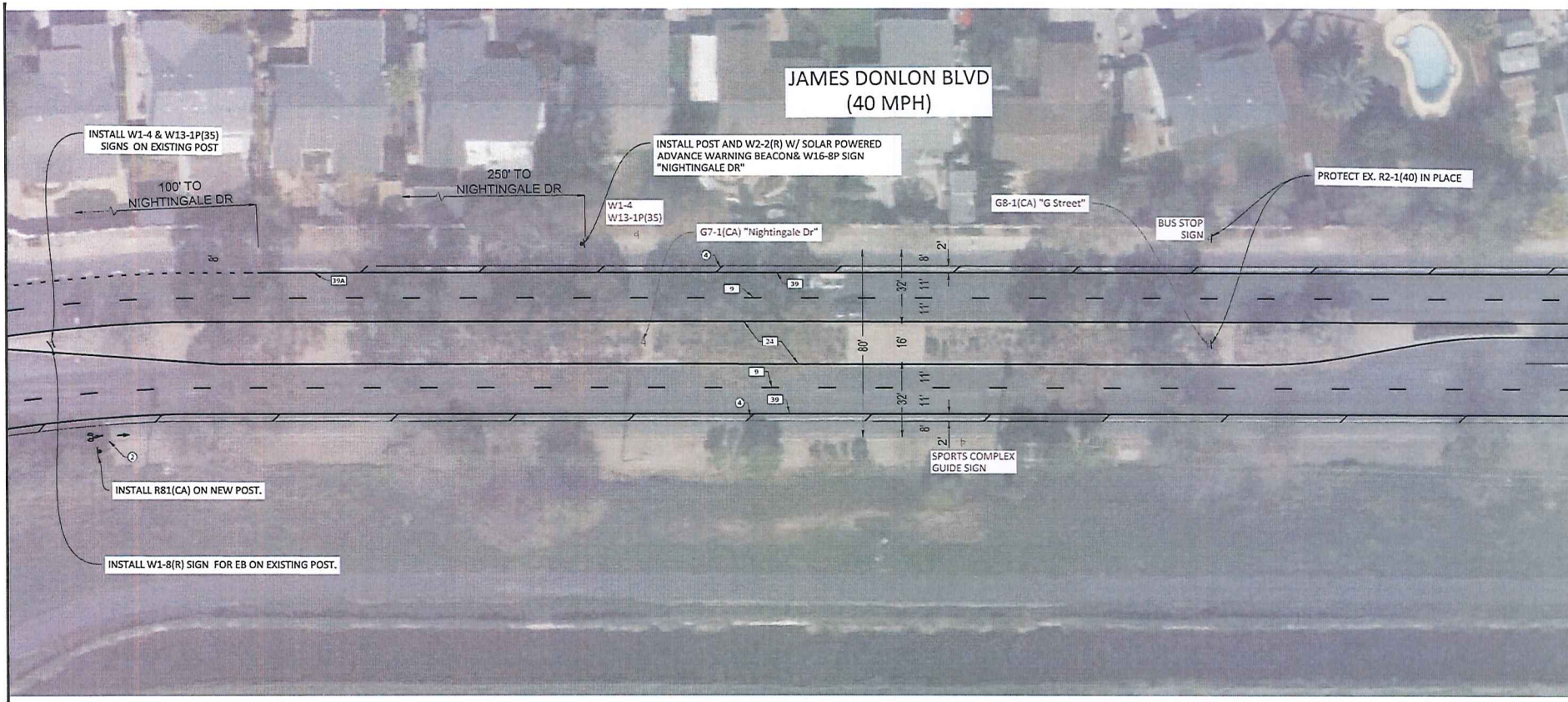
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'
 PUBLIC WORKS PROJECT NO. FW XXX-XX
 SHEET 15
 OF 24 SHEETS

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JAMES DONLON BLVD (40 MPH)



MATCHLINE Q - SEE PREVIOUS SHEET

MATCHLINE R - SEE NEXT SHEET

SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.0.11, OR 11) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 5' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

- 1) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2) FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 2075'; ORIENTATION PER PLAN.
- 3) FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 33A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4) FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5) FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6) FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7) FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24B & A24C.
- 8) FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9) FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 10) FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 11) FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (1) ARROW MARKING PER CALTRANS STD PLAN A24A.

NOTE:
LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____

INSPECTED BY: _____

AS BUILT REVISIONS: _____

DATE: _____

BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

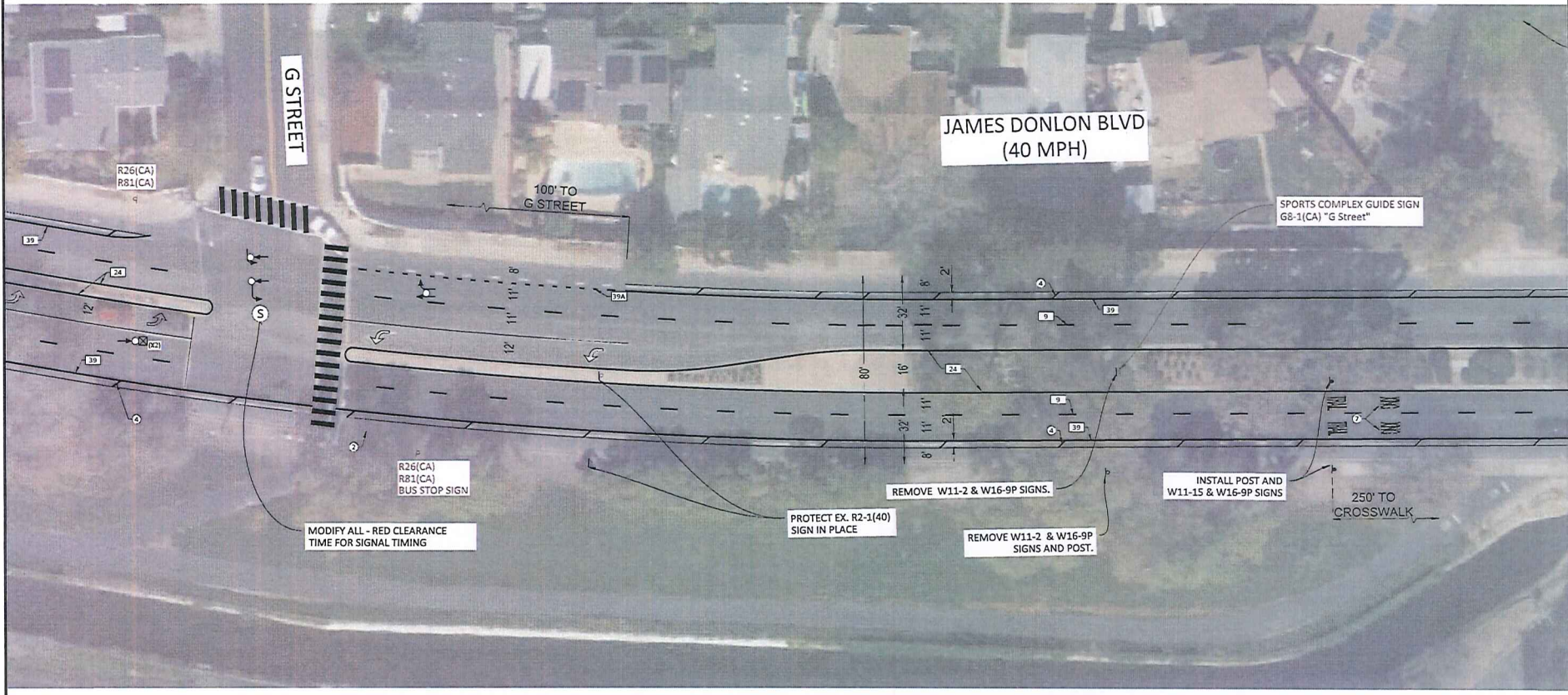
PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION		SCALE: 1"=20'
TRAFFIC CALMING IMPROVEMENTS JAMES DONLON BLVD		PUBLIC WORKS PROJECT NO. FW XXX-XX
		SHEET 19
		OF 24 SHEETS

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MATCHLINE R - SEE PREVIOUS SHEET

MATCHLINE S - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	5
MAPPED	5
NOT DRAWN	2
TOTAL	7

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CRASH DIAGRAM LEGEND:



NOTE: LANE WIDTH DIMENSIONS ARE MEASURED FROM EDGE OF TRAVELED WAY (FACE OF CURB WHERE PRESENT) OR CENTERLINE OF PROPOSED LONGITUDINAL STRIPE.

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS:
DATE: _____
BY: _____

CONSTRUCTION NOTES (CONTINUED):

- 1 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A24A, ORIENTATION PER PLAN.
- 2 FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A24A & A24C WITH DIMENSIONS 20"; ORIENTATION PER PLAN.
- 3 FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 25A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4 FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5 FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6 FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7 FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- 8 FURNISH AND INSTALL THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9 FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 10 FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 11 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (S) ARROW MARKING PER CALTRANS STD PLAN A24A.

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR / CIV. ENGINEER
CHECKED BY: C. SOLLA	
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

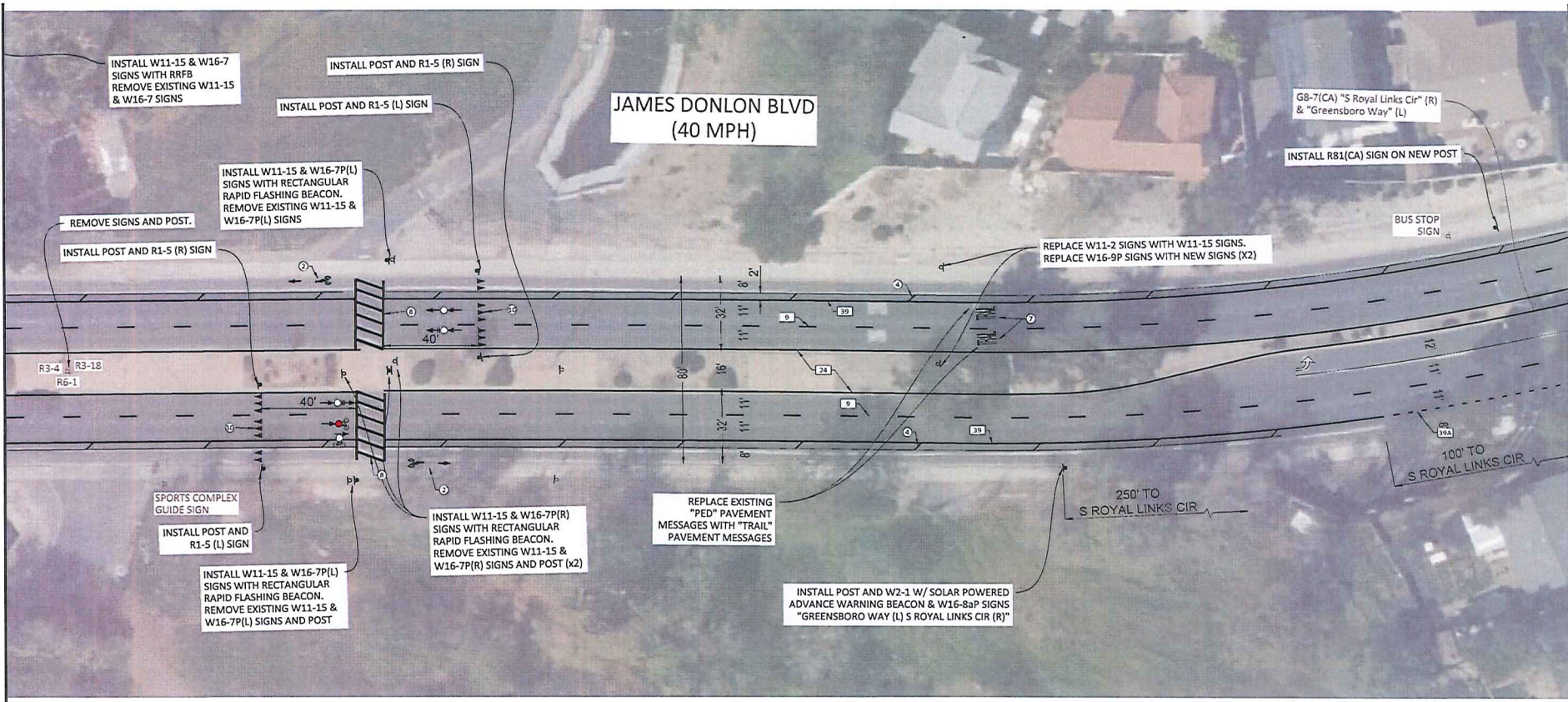
SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 23
OF 24 SHEETS

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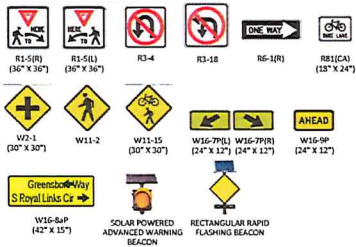


MATCHLINE S - SEE PREVIOUS SHEET

MATCHLINE T - SEE NEXT SHEET



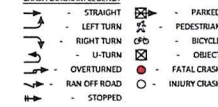
SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	1
INJURY CRASH	4
MAPPED	1
NOT DRAWN	1
TOTAL	6

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:

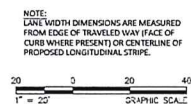
- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS 8.9.11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.



CONSTRUCTION NOTES (CONTINUED):

- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
- ① FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A2A4, ORIENTATION PER PLAN.
 - ② FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A2A4 & A2A6 WITH DIMENSIONS 20"X5. ORIENTATION PER PLAN.
 - ③ FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- ④ FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- ⑤ FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- ⑥ FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- ⑦ FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A24D & A24E.
- ⑧ FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F 12" WIDE.

CONSTRUCTION NOTES (CONTINUED):

- ⑨ FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- ⑩ FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- ⑪ FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (R) ARROW MARKING PER CALTRANS STD PLAN A2A4.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE: C.E.
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

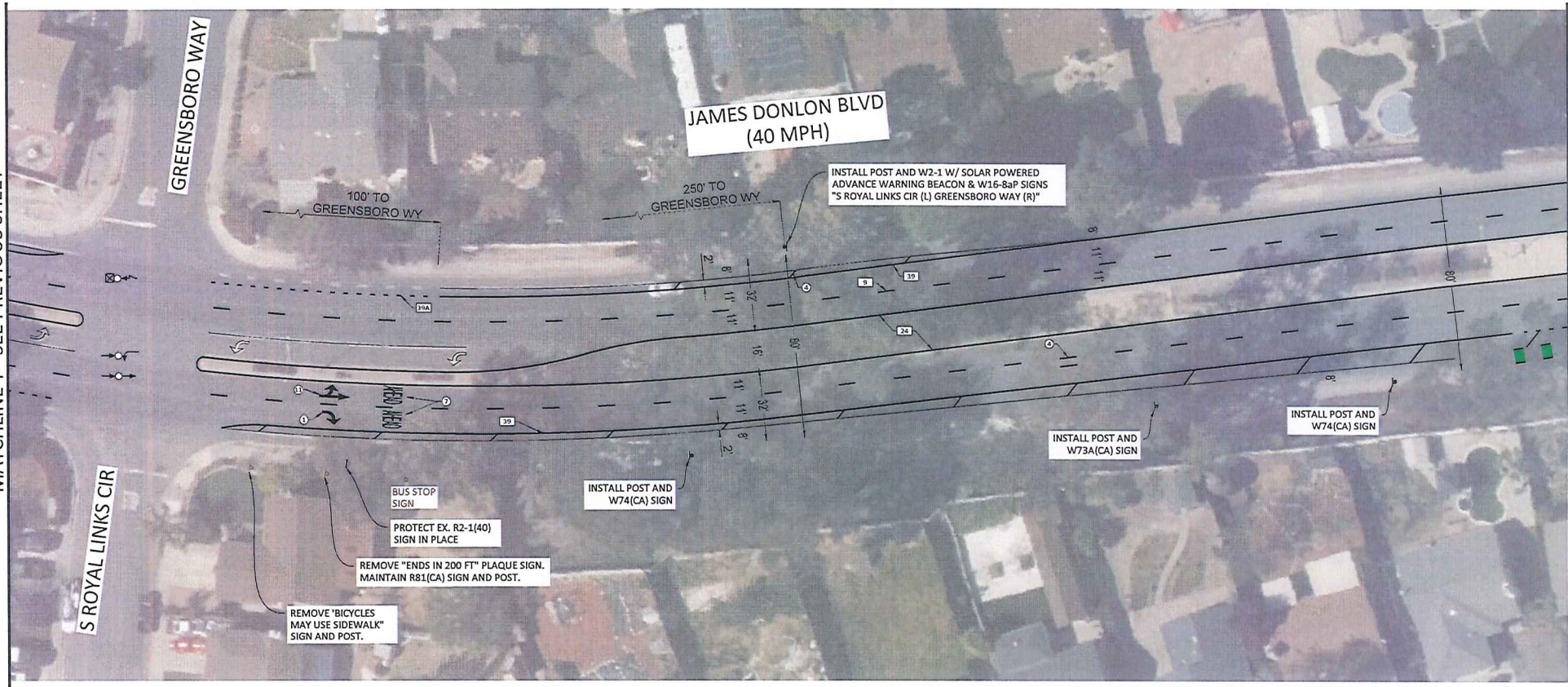
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PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 21
OF 24 SHEETS

120

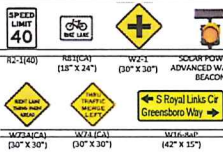


MATCHLINE T - SEE PREVIOUS SHEET

MATCHLINE U - SEE NEXT SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	3
MAPPED	2
NOT DRAWN	2
TOTAL	5

CRASH DIAGRAM LEGEND:



DRAWING LEGEND:



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTED), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANE LINE DETAILS (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 4" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

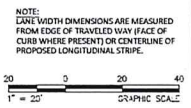
- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL.
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A244, ORIENTATION PER PLAN.
 - FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A244 & A245 WITH DIMENSIONS 2075'; ORIENTATION PER PLAN.
 - FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 394), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- FURNISH & INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- FURNISH & INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A240 & A241.
- FURNISH & INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12' WIDE).

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (L) ARROW MARKING PER CALTRANS STD PLAN A24A.



ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

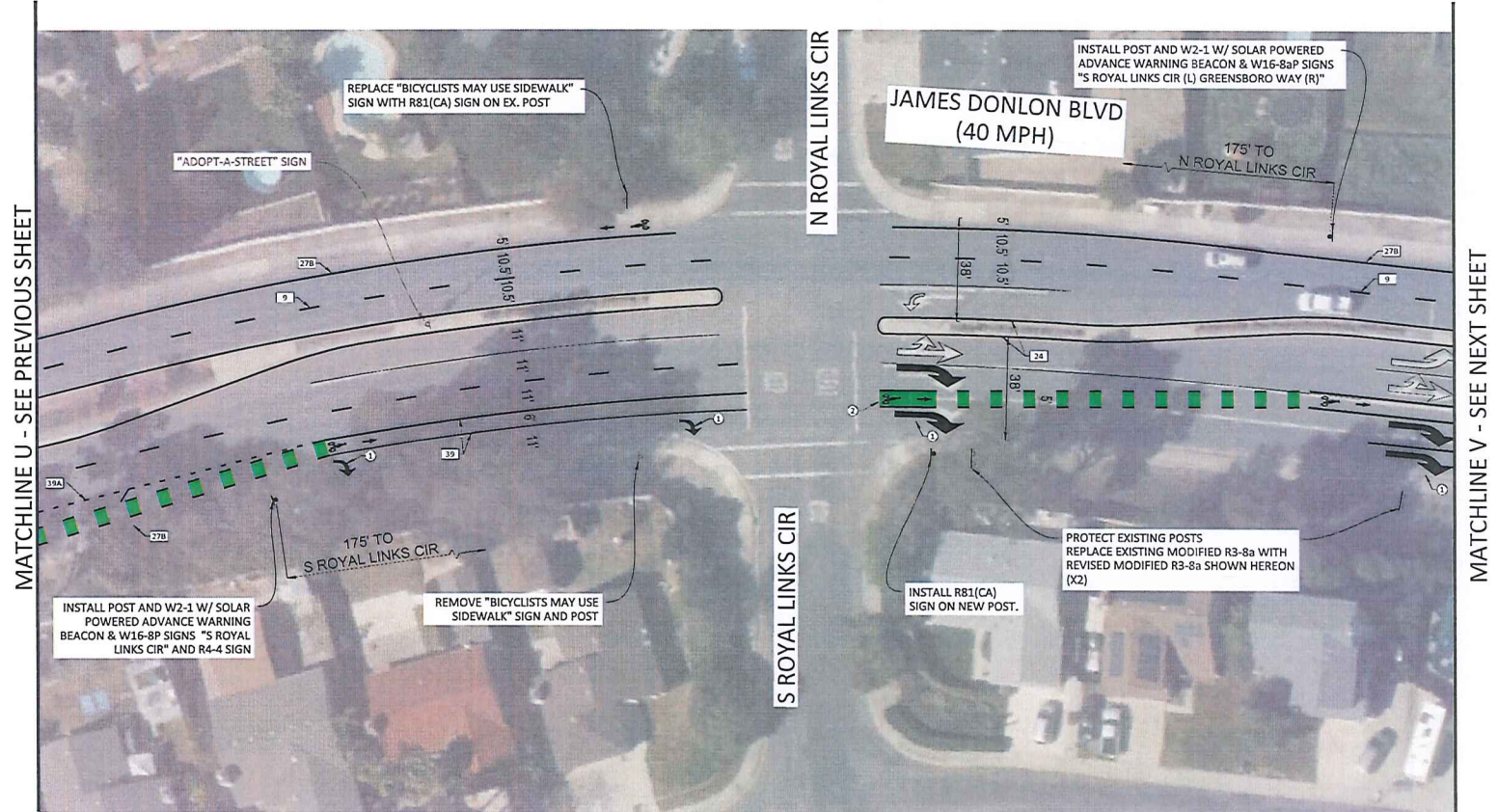
AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR
CHECKED BY: C. SOLLA	CITY ENGINEER
DRAWN BY: SDJ	DATE: _____
REVISIONS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 22
OF 24 SHEETS

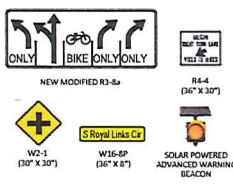
22



MATCHLINE U - SEE PREVIOUS SHEET

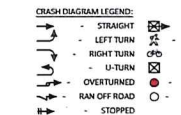
MATCHLINE V - SEE NEXT SHEET

SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

FATAL CRASH	0
INJURY CRASH	31
MAPPED	31
NOT DRAWN	2
TOTAL	33



DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:

ALL LANELINES (DETAILS R.0, 11, OR 12) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 30' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

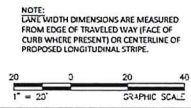
- THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE 'N' ARROW MARKING PER CALTRANS STD PLAN A244, ORIENTATION PER PLAN.
 - FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A244 & A246 WITH DIMENSIONS 2075', ORIENTATION PER PLAN.
 - FURNISH & INSTALL THERMOPLASTIC DASHES [DETAIL 39A], WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A240 & A241.
- FURNISH AND INSTALL THERMOPLASTIC, CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE 'VH' (L) ARROW MARKING PER CALTRANS STD PLAN A254A.



ANTIQUOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23
DESIGNED BY: SMJ
CHECKED BY: C. SOLLA
DRAWN BY: SDJ
REVISIONS: _____

APPROVED BY: _____
PUBLIC WORKS DIRECTOR / CITY ENGINEER
DATE: _____
NO. BY DATE

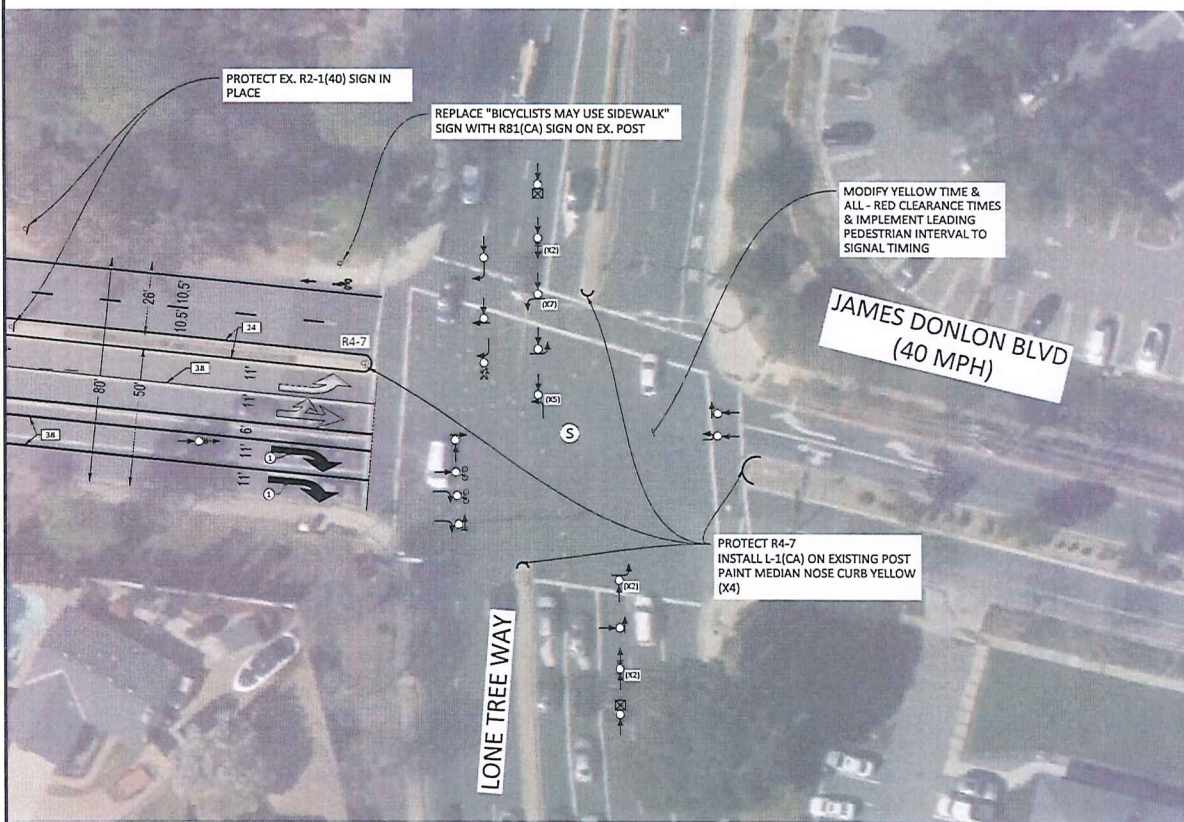
PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. FW XXX-XX
SHEET 23 OF 24 SHEETS

663



MATCHLINE V - SEE PREVIOUS SHEET



SIGN LEGEND (INSTALLS AND REMOVALS, THIS SHEET ONLY):



COLLISION SUMMARY (THIS SHEET ONLY):

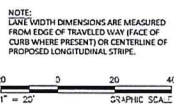
FATAL CRASH	0
INJURY CRASH	31
MAPPED	2
NOT DRAWN	2
TOTAL	33

DRAWING LEGEND:

- EXISTING SIGN AND POST
- INSTALL NEW SIGN AND POST
- ◻ INSTALL NEW SIGN ON EXISTING POST
- ⊙ SIGNALIZED INTERSECTION

CRASH DIAGRAM LEGEND:

- STRAIGHT
- ↙ LEFT TURN
- ↘ RIGHT TURN
- ↻ U-TURN
- ↔ RAN OFF ROAD
- ⊘ STOPPED
- ⊙ PARKED
- ⊙ PEDESTRIAN
- ⊙ BICYCLE
- ⊙ OBJECT
- ⊙ FATAL CRASH
- ⊙ INJURY CRASH



CONSTRUCTION NOTES:

ALL STRIPING AND PAVEMENT MARKING DETAILS AND LAYOUTS SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CALTRANS STANDARD SPECIFICATIONS AND CALTRANS STANDARD PLANS, UNLESS OTHERWISE SPECIFIED.

INSTALLATION OF NEW STRIPING IS INDICATED BY A SOLID-LINE BOX THAT CONTAINS THE CALTRANS STANDARD STRIPING DETAIL NO. AS SHOWN:



ALL LANELINES (DETAILS B.0.1.1. OR L3) SHALL BEGIN AND END AT EVERY INTERSECTION WITH A 50' LONG, 6" WIDE, WHITE, THERMOPLASTIC LINE WITH ONE, TYPE G RETROREFLECTIVE PAVEMENT MARKER (RPM) AT EACH END.

CONSTRUCTION NOTES (CONTINUED):

THE NUMBERED CONSTRUCTION NOTES BELOW ARE PROVIDED FOR ADDED CLARITY. A SOLID-LINE CIRCLE INDICATES A NEW INSTALLATION, AND A DOTTED-LINE CIRCLE INDICATES A REMOVAL:

- 1 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE IV ARROW MARKING PER CALTRANS STD PLAN A244, ORIENTATION PER PLAN.
- 2 FURNISH & INSTALL WHITE, THERMOPLASTIC BIKE LANE ARROW AND BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD PLANS A244 & A246 WITH DIMENSIONS 20'0". ORIENTATION PER PLAN.
- 3 FURNISH & INSTALL THERMOPLASTIC DASHES (DETAIL 39A), WIDTH PER PLAN.

CONSTRUCTION NOTES (CONTINUED):

- 4 FURNISH & INSTALL WHITE, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART FOR THE ENTIRE LENGTH OF BIKE LANE BUFFER, WIDTH PER PLAN.
- 5 FURNISH & INSTALL YELLOW, THERMOPLASTIC, 4" WIDE DIAGONAL STRIPES 50' APART.
- 6 FURNISH AND INSTALL SEPARATOR CURB SYSTEM WITH FLEXIBLE DELINEATORS, COLOR PER PLAN.
- 7 FURNISH AND INSTALL PAVEMENT MARKING WORDS AS SHOWN AND PER CALTRANS STD PLANS A240 & A246.
- 8 FURNISH & INSTALL THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD PLAN A24F (12" WIDE).

CONSTRUCTION NOTES (CONTINUED):

- 9 FURNISH & INSTALL THERMOPLASTIC LIMIT LINE PER CALTRANS STD PLAN A24E.
- 10 FURNISH & INSTALL THERMOPLASTIC YIELD LINE PER CALTRANS STD PLAN A24E.
- 11 FURNISH & INSTALL WHITE, THERMOPLASTIC TYPE VII (J) ARROW MARKING PER CALTRANS STD PLAN A24A.

ANTIOCH CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT

DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 7/12/23	APPROVED BY:
DESIGNED BY: SDJ	PUBLIC WORKS DIRECTOR / CIVIL ENGINEER
CHECKED BY: C. SOLLA	DATE: _____
DRAWN BY: SDJ	C.E.:
REVISAS:	NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

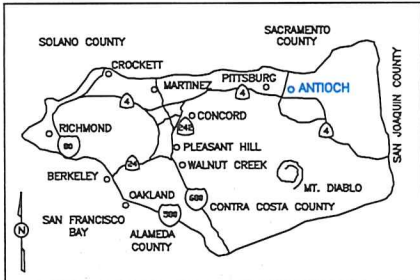
TRAFFIC CALMING IMPROVEMENTS
JAMES DONLON BLVD

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. _____
FW XXXX-XX
SHEET 24
OF 24 SHEETS

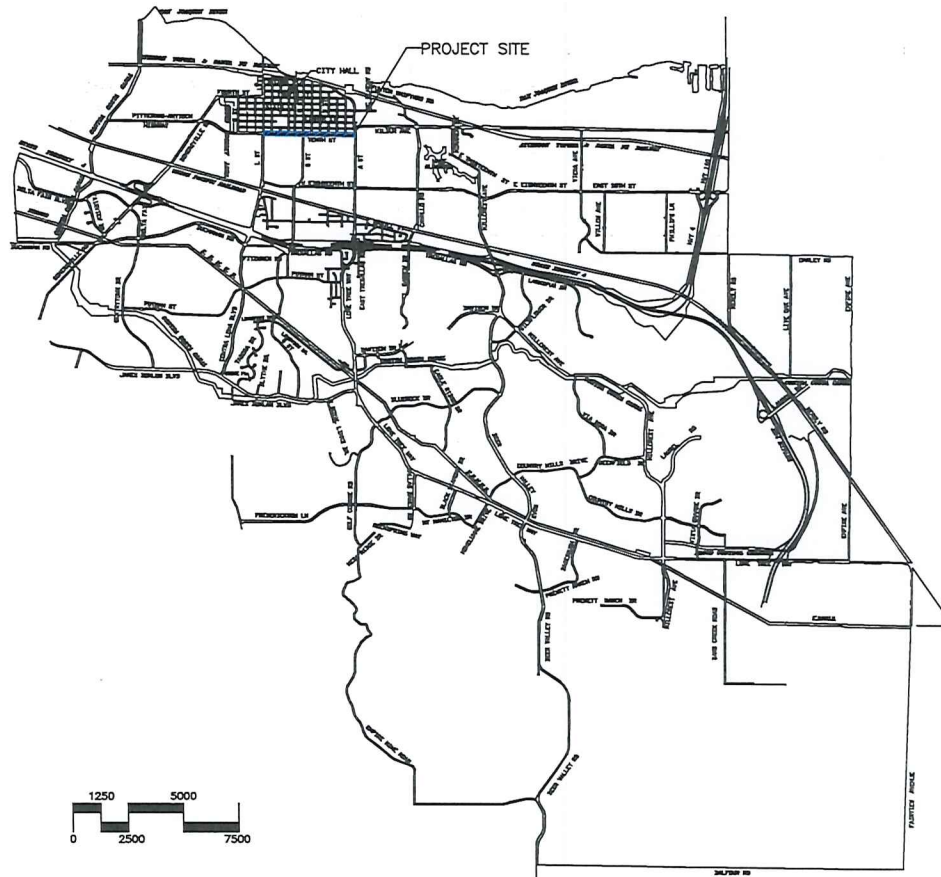
024

CITY OF ANTIOCH
CAPITAL IMPROVEMENTS DEPARTMENT

TRAFFIC CALMING IMPROVEMENTS
WEST 10TH STREET
L Street to A Street



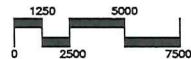
VICINITY MAP
N.T.S.



ATTACHMENT "D"

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES, LEGEND, & DETAILS
3	SIGNING & STRIPING - L ST TO J ST
4	SIGNING & STRIPING - J ST TO H ST
5	SIGNING & STRIPING - H ST TO F ST
6	SIGNING & STRIPING - F ST TO D ST
7	SIGNING & STRIPING - D ST TO B ST
8	SIGNING & STRIPING - B ST TO A ST



CITY OF ANTIOCH

SCOTT BUENTING
PUBLIC WORKS DIRECTOR/CITY ENGINEER
R.C.E. NO. 67442
EXPIRES 12-31-2024

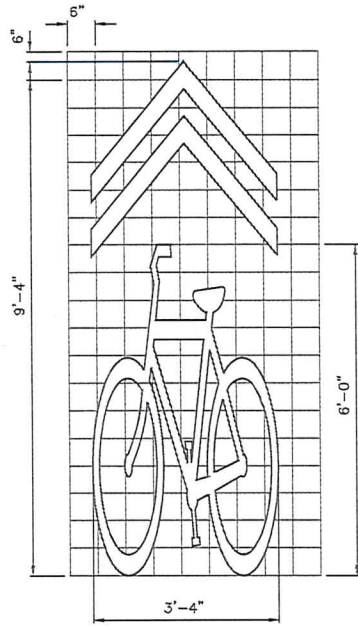
DATE

SIGN LEGEND

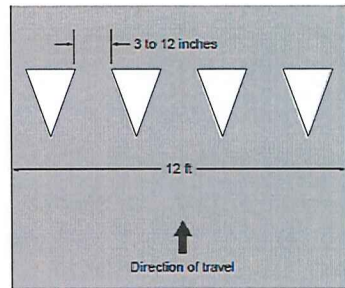


SIGN SIZES

SIGN	SIZE
R1-5	36" X 36"
R2-1	24" X 30"
R28	12" X 18"
SW24-2 (CA)	36" X 48"
SW24-3 (CA)	36" X 48"
W11-2	30" X 30"
W11-8	30" X 30"
W16-7P	24" X 12"
W16-9P	24" X 12"

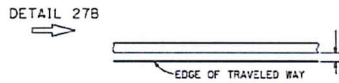
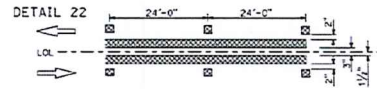
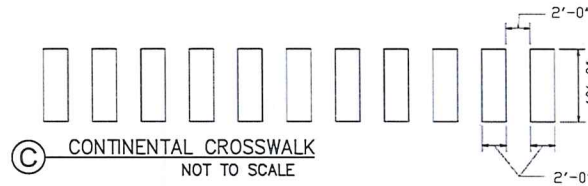
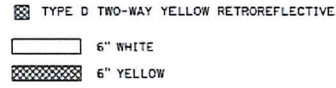


(A) SHARROW
NOT TO SCALE

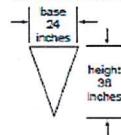


(B) "SHARK TEETH" YIELD LINE
NOT TO SCALE

STRIPING LEGEND

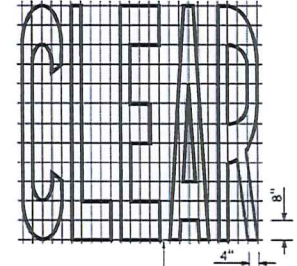


(b) Maximum Dimensions

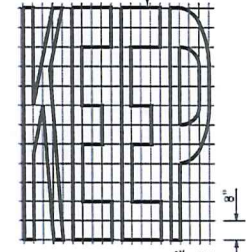


Notes:
Triangle height is equal to 1.5 times the base dimension.

Yield lines may be smaller than suggested when installed on much narrower, slow-speed facilities such as shared-use paths.



A=27 f+2
32'-0" DISTANCE BETWEEN WORDS



A=24 f+2

(D) "KEEP CLEAR" PAVEMENT MESSAGE
NOT TO SCALE

ANTIOCH
CALIFORNIA
OPPORTUNITY LIVES HERE

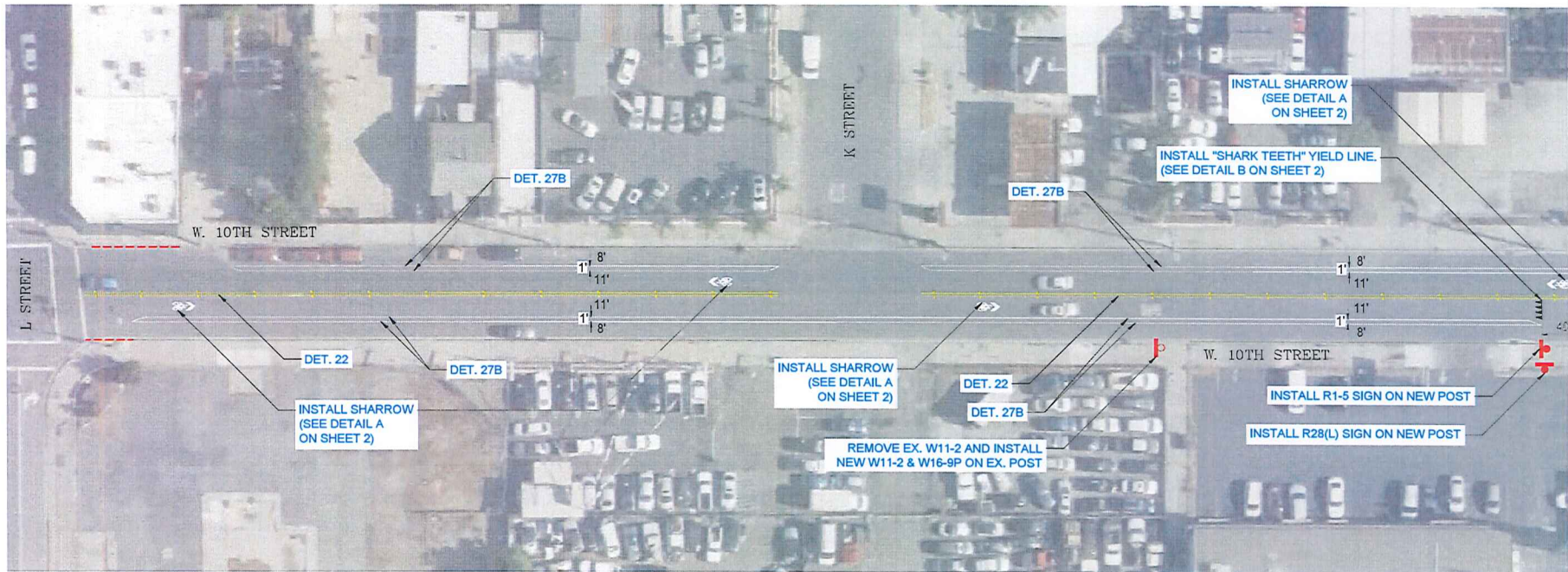
AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 11-3-22
DESIGNED BY: C. SOLLA
CHECKED BY: _____
DRAWN BY: _____
REVISIONS: _____

APPROVED BY: _____
PUBLIC WORKS DIRECTOR / CITY ENGINEER
DATE: C.E. 67442
NO. BY 1 DATE

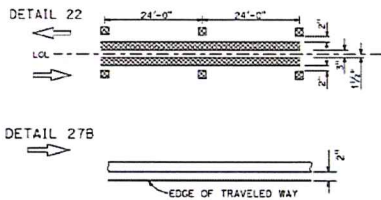
PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
W. 10TH STREET
GENERAL NOTES, LEGEND, & DETAILS

SCALE: NO SCALE
PUBLIC WORKS PROJECT NO. XXXX
SHEET 2
OF 8 SHEETS



MATCHLINE A - SEE SHEET 4

LEGEND



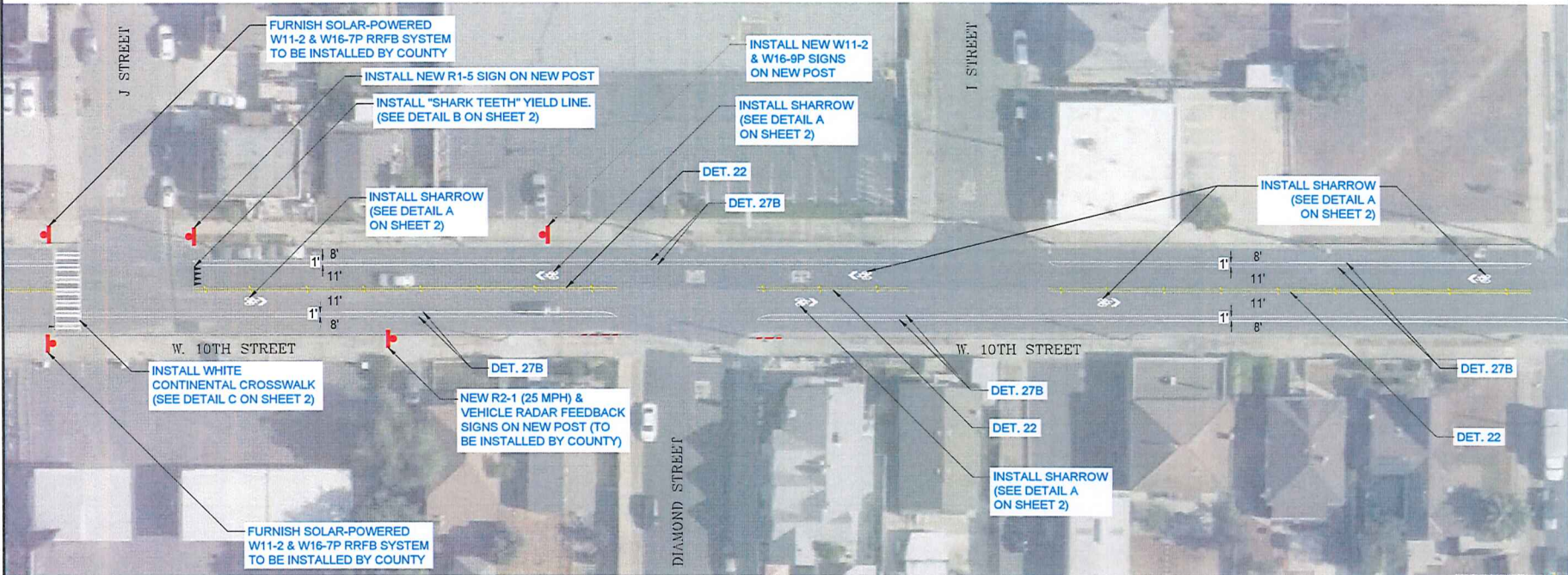
0003

	AS BUILT	DATE: 11-03-22	APPROVED BY:	PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION	SCALE: 1"=20'
	DATE ACCEPTED:	DESIGNED BY: C. SOLLA	 P.E. C. ADAMS CITY ENGINEER	TRAFFIC CALMING IMPROVEMENTS W. 10TH STREET FROM L STREET TO J STREET	PUBLIC WORKS PROJECT NO. 000X
	INSPECTED BY:	CHECKED BY:			DATE: 11.07.22
	AS BUILT REVISIONS:	DATE:	NO.	BY	DATE
BY:					

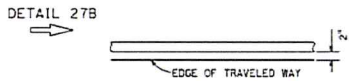
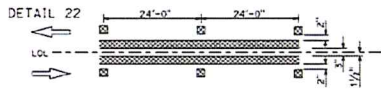


MATCHLINE A - SEE SHEET 3

MATCHLINE B - SEE SHEET 5



LEGEND



W11-2



R1-5



W16-6P

W16-7P



R2-1



Vehicle Speed Feedback Sign

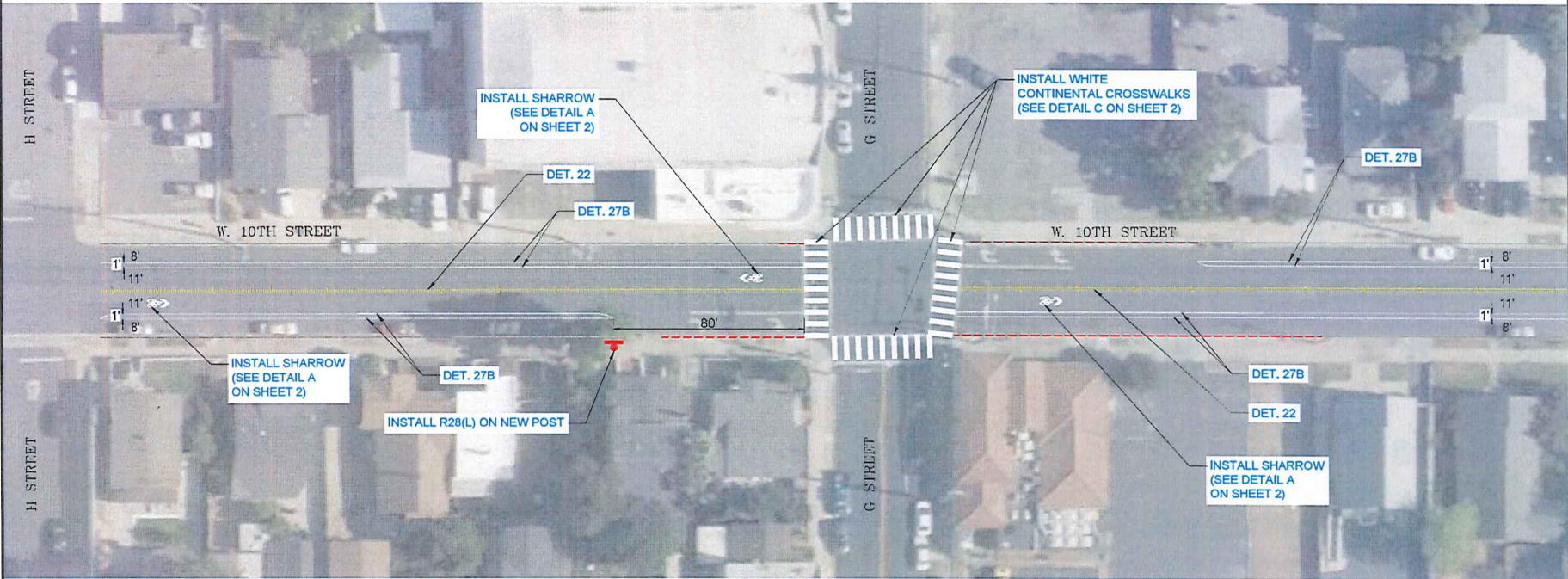
P000

ANTIOCH CALIFORNIA OPPORTUNITY LIVES HERE	AS BUILT	DATE: 11-03-22	APPROVED BY:	PUBLIC WORKS DEPARTMENT	SCALE: 1"=20'
	DATE ACCEPTED: _____	DESIGNED BY: C. SOLLA	CHECKED BY:	CAPITAL IMPROVEMENTS DIVISION	PUBLIC WORKS PROJECT NO. 13066
	INSPECTED BY: _____	CHECKED BY: PUBLIC WORKS DIRECTOR / CITY ENGINEER	DRAWN BY: _____	TRAFFIC CALMING IMPROVEMENTS	SHEET 4
	AS BUILT REVISIONS: _____	DRAWN BY: _____	DATE: 11-03-22	W. 10TH STREET FROM J STREET TO H STREET	OF 8 SHEETS
	DATE: _____	BY: _____	REVISENS: _____		

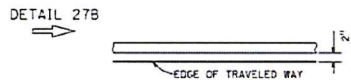
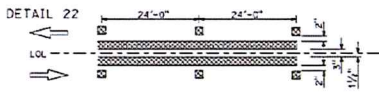


MATCHLINE B - SEE SHEET 4

MATCHLINE C - SEE SHEET 6



LEGEND



R28 (CA)

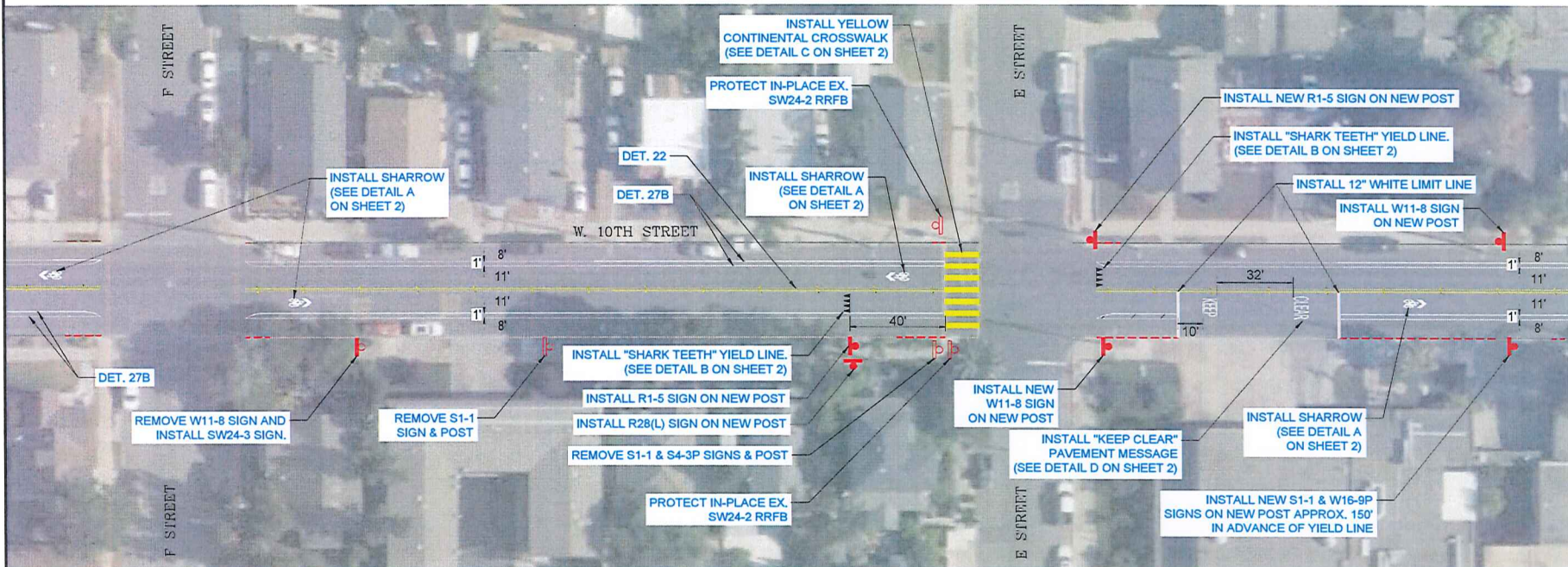
ANTIOCH CALIFORNIA OPPORTUNITY LIVES HERE	AS BUILT	DATE: 11-03-22	APPROVED BY:	PUBLIC WORKS DEPARTMENT	SCALE: 1"=20'
	DATE ACCEPTED: _____	DESIGNED BY: C. SCLIA	PUBLIC WORKS ENGINEER / CITY ENGINEER	CAPITAL IMPROVEMENTS DIVISION	PUBLIC WORKS PROJECT NO. XXXX
	INSPECTED BY: _____	DRAWN BY: _____		TRAFFIC CALMING IMPROVEMENTS	SHEET 5
	AS BUILT REVISIONS:	REVISIONS:	DATE: 11-03-22	W. 10TH STREET	OF 5 SHEETS
DATE: _____	NO. BY DATE		FROM H STREET TO F STREET		
BY: _____					

5000

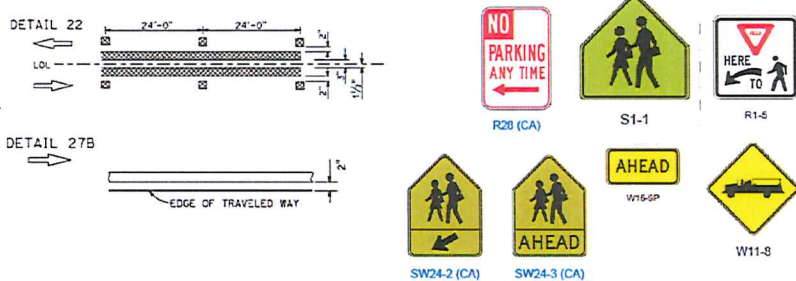


MATCHLINE C - SEE SHEET 5

MATCHLINE D - SEE SHEET 7



LEGEND



ANTIOCH
CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT	DATE: 11-03-22	APPROVED BY:
DESIGNED BY: C. SCLIA	CHECKED BY:	PUBLIC WORKS SUPERVISOR / CITY ENGINEER
INSPECTED BY:	DRAWN BY:	DATE: 01.06.23
AS BUILT REVISIONS:	REVISIONS:	NO. BY DATE
DATE:		
BY:		

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
W. 10TH STREET
FROM F STREET TO D STREET

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. XXXX
SHEET 5
OF 5 SHEETS

9000

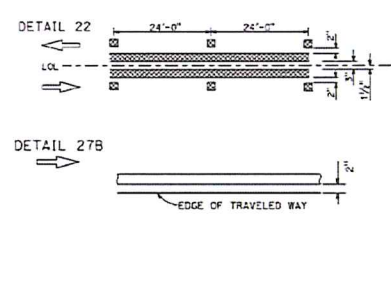


MATCHLINE D - SEE SHEET 6

MATCHLINE E - SEE SHEET 8



LEGEND



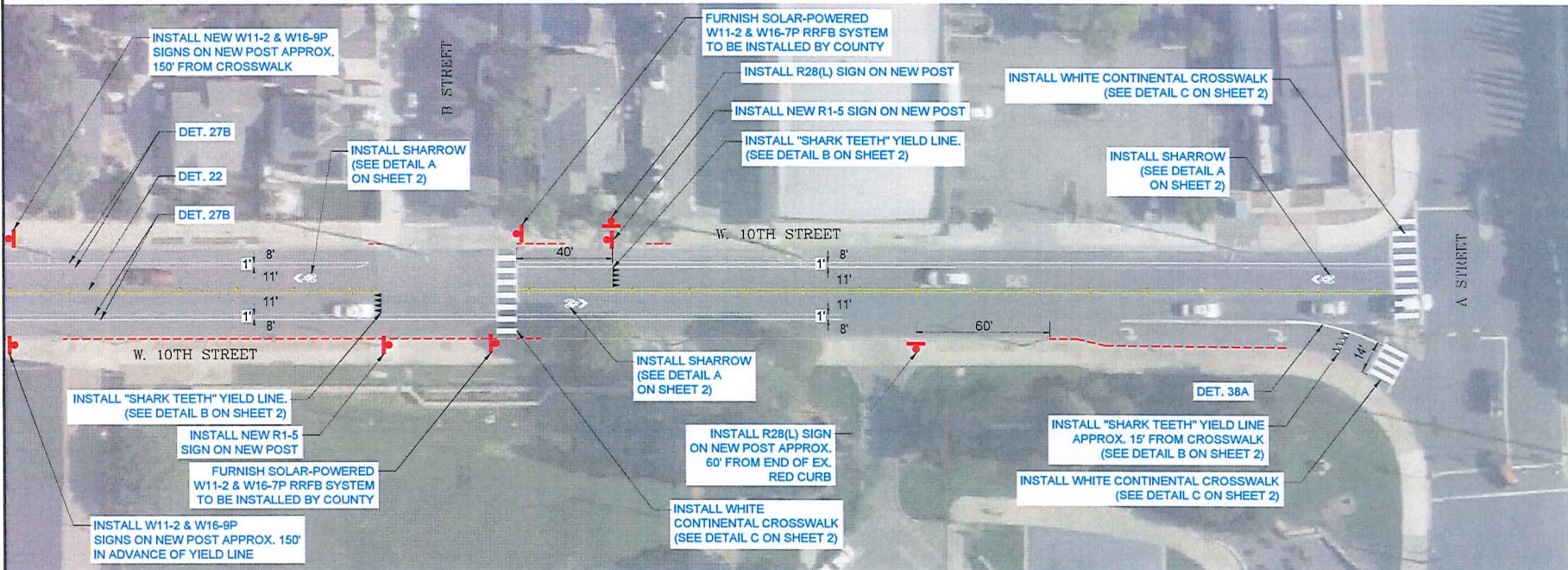
R28 (CA)	S1-1	R1-5	R2-1	Vehicle Speed Feedback Sign	W11-8
SW24-3 (CA)	W16-6P	W11-8			

ANTIOCH CALIFORNIA OPPORTUNITY LIVES HERE	AS BUILT	DATE: 11-01-22	APPROVED BY:	PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENTS DIVISION	SCALE: 1"=20'
	DATE ACCEPTED:	DESIGNED BY: C. SCLIA	CHECKED BY:	TRAFFIC CALMING IMPROVEMENTS	PUBLIC WORKS PROJECT NO. XXXX
	INSPECTED BY:	DRAWN BY:	PUBLIC WORKS DIRECTOR / CITY ENGINEER	W. 10TH STREET	SHEET 7
	AS BUILT REVISIONS:	REVISIONS:	DATE: C.E. 67442	FROM D STREET TO B STREET	OF 5 SHEETS

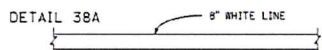
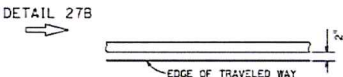
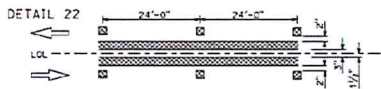
0007



MATCHLINE E - SEE SHEET 7



LEGEND



R26 (CA)



W11-2



R1-5



W16-9P



W16-7P

ANTIOCH
CALIFORNIA
OPPORTUNITY LIVES HERE

AS BUILT
DATE ACCEPTED: _____
INSPECTED BY: _____
AS BUILT REVISIONS: _____
DATE: _____
BY: _____

DATE: 11-03-22
DESIGNED BY: C. SCLLA
CHECKED BY: _____
DRAWN BY: _____
REVISIONS: _____

APPROVED BY: _____
PUBLIC WORKS DIRECTOR / CITY ENGINEER
DATE: C.E. 67442
NO. BY DATE

PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION
TRAFFIC CALMING IMPROVEMENTS
W. 10TH STREET
FROM B STREET TO A STREET

SCALE: 1"=20'
PUBLIC WORKS PROJECT NO. XXXX
SHEET 8
OF 8 SHEETS

Sycamore Drive Traffic Calming
Cost Estimate

STRIPING INSTALLATION

No.	Description	Quantity	Unit	Unit Price	Extension
1	6" Broken White	2,790	Lin Ft	\$3.00	\$8,370
2	6" Solid White	6,240	Lin Ft	\$3.00	\$18,720
3	8" Solid White	250	Lin Ft	\$4.00	\$1,000
4	6" Solid Yellow (Detail 24)	5,230	Lin Ft	\$3.00	\$15,690
5	Double Yellow	250	Lin Ft	\$6.00	\$1,500
6	Green/Red Lane - thermoplastic	3,570	Sq Ft	\$22.43	\$80,062
7	Markings & Messages (see page 2)	522	Sq Ft	\$8.52	\$4,447
8	Staggered Yellow/White Continental Crosswalks (see page 3)		Lump Sum	-	\$8,042
9	Existing Striping Removal	2,290	Lin Ft	\$6.00	\$13,740
10	Dots Removal	944	EA	\$2.00	\$1,888
					\$153,460

SIGN INSTALLATION

No.	Sign Type	Quantity	Unit	Unit Price	Extension
1	R1-5	1	Each	\$250.00	\$250
2	R2-1 (30mph)	4	Each	\$250.00	\$1,000
3	R81	9	Each	\$250.00	\$2,250
4	R81B	1	Each	\$250.00	\$250
5	W2-2	3	Each	\$250.00	\$750
6	W11-2	4	Each	\$250.00	\$1,000
7	W16-7P	3	Each	\$250.00	\$750
8	W16-9P	1	Each	\$250.00	\$250
9	Radar Feedback Sign	4	Each	\$7,200.00	\$28,800
10	New sign poles	15	Each	\$50.00	\$750
11	Sign Removals	6	Each	\$125.00	\$750
					\$36,800

DELINEATORS

No.	Description	Quantity	Unit	Unit Price	Extension
1	Tuff Curb - yellow	602	8 LF	\$303.73	\$182,847

BEACONS

No.	Description	Quantity	Unit	Unit Price	Extension
1	Solar Powered Amber Beacon	3	Each	\$2,500.00	\$7,500

Subtotal \$380,607
10% Contingency \$38,061
Total \$418,668

With Engineering Contingency **\$425,000**

**James Donlon Boulevard Traffic Calming
Somerville to Contra Loma
Cost Estimate**

Item No.	Description	Quantity	Unit	Unit Price	Extension
1	Det 38A (8" SW)		Lin Ft	\$4.00	\$0
2	Det 9, Det39A (6" Broken White)	17620	Lin Ft	\$3.00	\$52,860
3	Detail 39 (6" Solid White)	14775	Lin Ft	\$3.00	\$44,325
4	Messages** (see page 2)	4000	ea		\$4,000
5	4" SW for hatching in buffer	1330	Lin Ft	\$3.00	\$3,989
6	6" SY (Det 24)	25655	Lin Ft	\$3.00	\$76,965
7	Continental Xwalk (24" bar x11')	56.00	Each Bar	\$100.54	\$5,630
8	Green/Red Lane - thermoplastic	0	Sq Ft	\$22.43	\$0
					\$187,769

Item No.	Message or Arrow	Quantity	EA	Total Area	
1	Type I Straight Arrow (10')	0	200	0	
2	Type IV Left/Right Arrow (8')	0		0	0.00
3	Type III Left/Right Arrow (24')	0		0	
4	Type VII Straight+Lt/Rt Arrow (13')	0		0	
5	Type V Straight Arrow (24')	0		0	
6	Type VI Merge Arrow (10')	0		0	
7	Bike Lane Symbol (78")	6	300	1800	
8	TRAIL	2	400	800	48.00
9	AHEAD	2	400	800	62.00
10	XING	2	300	600	42.00
11	Yield Teeth (Typically 4 per lane)	8		0	

Item No.	Description	Quantity	Unit	Unit Price	
1	Grind Striping	152.00	SQFT	\$6.00	\$912.00
2	Remove buttons	15730.00	LF	\$2.50	\$39,325.00

No.	Sign Type	Estimated Signs	Unit	Unit Price	Extension
1	R1-5	4	Each	\$200.00	\$800.00
2	W1-8	9	Each	\$200.00	\$1,800.00
3	R3-2	1	Each	\$200.00	\$200.00
4	W2-1/ W2-2	10	Each	\$200.00	\$2,000.00
5	W16-8P (sns)	10	Each	\$200.00	\$2,000.00
6	W1-2a/ W1-4	8	Each	\$200.00	\$1,600.00
7	W11-2		Each	\$200.00	\$0.00
8	W11-15 (TRAIL XING)		Each	\$200.00	\$0.00
9	W16-7P (HERE)		Each	\$200.00	\$0.00

10	W73A / W74		Each	\$200.00	\$0.00
11	W16-9P (AHEAD)	1	Each	\$200.00	\$200.00
12	R81 (BIKE LANE)	4	Each	\$150.00	\$600.00
13	R3-8 (LANE ASSIGNMENT)		Each	\$200.00	\$0.00
14	Radar Feedback Sign	2	Each	\$7,200.00	\$14,400.00
15	Post	29	Each	\$50.00	\$1,450.00
16	Remove sign and post	11	Each	\$75.00	\$825.00
					\$25,875.00

No.	Delineator	Quantity	Unit	Unit Price	Extension
1	Tuff Curb - yellow	15	Each	\$303.73	\$4,555.95
2	Tuff Curb - white	12	Each	\$304.73	\$3,656.76

No.	Flashing beacon	Quantity	Unit	Unit Price	Extension
1	Flashing beacon	9	Each	\$2,500.00	\$22,500.00

Subtotal \$284,594.20
 10% Contingency \$28,459.42
 Total \$313,053.62

With Engineering Contingency **\$320,000**

**James Donlon Boulevard Traffic Calming
 Contra Loma to Lone Tree Way
 Cost Estimate**

Item No.	Description	Quantity	Unit	Unit Price	Extension
1	Det 38A (8" SW)		Lin Ft	\$6.57	\$0
2	Det 9, Det39A (6" Broken White)	12970	Lin Ft	\$3.69	\$47,859
3	Detail 39 (6" Solid White)	10480	Lin Ft	\$5.61	\$58,793
4	Messages** (see page 2)	12985	Sq Ft	\$8.52	\$12,985
5	4" SW for hatching in buffer	943	Lin Ft	\$4.49	\$4,235
6	6" SY (Det 24)	25655	Lin Ft	\$5.61	\$143,925
7	Continental Crosswalks 24" x11'	72	Each Bar	\$100.54	\$7,239
8	Green/Red Lane - thermoplastic	624	Sq Ft	\$22.43	\$13,996
					\$289,032

Item No.	Message or Arrow	Quantity	Unit Price	Total Area
1	Type I Straight Arrow (10')	0		0
2	Type IV Left/Right Arrow (8')	5	200	1000
3	Type III Left/Right Arrow (24')	6	710	4260
4	Type VII Straight+Lt/Rt Arrow (13')	1	325	325
5	Type V Straight Arrow (24')	0	710	0
6	Type VI Merge Arrow (10')	0		0
7	Bike Lane Symbol (78")	8	300	2400
8	TRAIL	4	400	1600
9	AHEAD	2	400	800
10	XING	2	300	600
11	Yield Teeth (Typically 4 per lane)	20	100	2000

Item No.	Description	Quantity	Unit	Unit Price
1	Grind Striping	5946	SQFT	6.00
2	Remove buttons	27225	LF	2.50

No.	Sign Type	Estimated Signs	Unit	Unit Price	Extension
1	R1-5	4	Each	\$200.00	\$800.00
2	W1-8	18	Each	\$200.00	\$3,600.00
3	R3-2		Each	\$200.00	\$0.00
4	W2-1/ W2-2	10	Each	\$200.00	\$2,000.00
5	W16-8P (sns)	10	Each	\$200.00	\$2,000.00
6	W1-2a/ W1-4	5	Each	\$200.00	\$1,000.00
7	W11-2		Each	\$200.00	\$0.00
8	W11-15 (TRAIL XING)	8	Each	\$200.00	\$1,600.00
9	W16-7P (HERE)	4	Each	\$200.00	\$800.00

10	W73A / W74	2	Each	\$200.00	\$400.00
11	W16-9P (AHEAD)	4	Each	\$200.00	\$800.00
12	R81 (BIKE LANE)	5	Each	\$150.00	\$750.00
13	R3-8 (LANE ASSIGNMENT)		Each	\$200.00	\$0.00
14	Radar Feedback Sign		Each	\$7,200.00	\$0.00
15	Post	23	Each	\$50.00	\$1,150.00
16	Remove sign and post	11	Each	\$75.00	\$825.00
					\$15,725.00

No.	Delineator	Quantity	Unit	Unit Price	Extension
1	Tuff Curb - yellow	5	Each	\$303.73	\$1,518.65
2	Tuff Curb - white	4	Each	\$304.73	\$1,218.92

No.	Flashing beacon	Quantity	Unit	Unit Price	Extension
1	Flashing beacon	10	Each	\$2,500.00	\$25,000.00

Subtotal \$488,732.89
 10% Contingency \$48,873.29
 Total \$537,606.18

With Engineering Contingency **\$545,000**

W 10th St Traffic Calming
Cost Estimate

STRIPING INSTALLATION

No.	Description	Quantity	Unit	Unit Price	Extension
1	12" Crosswalk Lines / Stop Bars	39	Lin Ft	\$12.00	\$468
2	6" Solid White	12,300	Lin Ft	\$3.00	\$36,900
3	8" Solid White or Yellow	45	Lin Ft	\$4.00	\$180
4	Double Yellow	3,300	Lin Ft	\$6.00	\$19,800
5	Raised Pavement Markers (White or Yellow)	279	Lin Ft	\$20.55	\$5,728
6	Messages** (see page 2)	486	Sq Ft	\$17.04	\$8,283
7	Color Curb Painting	1,150	Sq Ft	\$14.31	\$16,457
8	Staggered Yellow/White Continental Crosswalks (see page 3)	Lump Sum	-		\$8,042
9	Existing Striping Removal	320	Lin Ft	\$6.00	\$1,920
10	Dots removal	383	EA	\$2.00	\$766
					\$98,545

SIGN INSTALLATION

No.	Sign Type	Quantity	Unit	Unit Price	Extension
1	R1-5	10	Each	\$250.00	\$2,500
2	R2-1 (25mph)	3	Each	\$250.00	\$750
3	R28 (L)	6	Each	\$250.00	\$1,500
4	S1-1	0	Each	\$250.00	\$0
5	SW24-2	0	Each	\$250.00	\$0
6	SW24-3	2	Each	\$250.00	\$500
7	W11-2	16	Each	\$250.00	\$4,000
8	W11-8	2	Each	\$250.00	\$500
9	W16-7P	8	Each	\$250.00	\$2,000
10	W16-9P	8	Each	\$250.00	\$2,000
11	Radar Feedback Sign	2	Each	\$7,200.00	\$14,400
12	New sign poles	33	Each	\$50.00	\$1,650
13	Sign Removals	7	Each	\$125.00	\$875
					\$30,675

BEACONS

No.	Description	Quantity	Unit	Unit Price	Extension
1	RRFB	4	Each	\$16,000.00	\$64,000

Subtotal \$193,220
10% Contingency \$19,322
Total \$212,542

With Engineering Contingency **\$220,000**