

## **COMPLETE STREETS COMMISSION MEETING AGENDA**

**5:30 PM - Wednesday, May 25, 2022**

*Virtual Online Meeting*

**Members of the Public may join the conference with the following methods:**

**Join via personal computer: <https://zoom.us/join>**

**Enter Meeting ID: 846 8517 8451**

**Passcode: 172584**

**Call in with phone + 1 (253)-215-8782**

**Enter Meeting ID: (846 8517 8451)**

**Passcode: 172584**

**Participants who join the meeting via phone number will not be able to view presentation slides during the meeting.**

### **ESTABLISH QUORUM**

### **PLEDGE OF ALLEGIANCE**

### **PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA**

Members of the Public may only comment during times allotted for public comments. Public testimony will be taken at the direction of the Commission Chair. Members of the public are also encouraged to submit written testimony prior to the meeting at [Transportation@losaltosca.gov](mailto:Transportation@losaltosca.gov). Emails received prior to the meeting will be included in the public record. Participants who join the meeting with personal computer will have access to “raise hand” feature. Please use this feature when prompted by the Commission Chair for public comments. Participants who join by phone will not have access to “raise hand” feature.

### **CONSENT ITEMS and (TARGET START TIME)**

1. Approve CSC Meeting Minutes of April 27, 2022 (5:30pm)

### **DISCUSSION ITEMS and (TARGET START TIME)**

2. Fremont Pedestrian Bridge Design Update and Lighting Discussion (5:45pm)
3. Cuesta Drive Traffic Calming Redesign (6:15pm)
4. [Los Altos High School Quick Build Concept Plan for Drop-off](#) (7:15pm)

### **UPDATE ITEMS and (TARGET START TIME)**

4. School Route Improvement Project (8:10pm)
5. Annual Transportation CIP Program Recommendations (8:40pm)
7. School Routes App Update (8:50pm)

## COMMISSIONERS' REPORTS AND COMMENTS

## POTENTIAL FUTURE AGENDA ITEMS

## ADJOURNMENT

### SPECIAL NOTICES TO PUBLIC

In compliance with the Americans with Disabilities Act, the City of Los Altos will make reasonable arrangements to ensure accessibility to this meeting. If you need special assistance to participate in this meeting, please contact the Engineering Division 72 hours prior to the meeting at (650) 947-2780.

Agendas, Staff Reports and some associated documents for Complete Streets Commission (CSC) items may be viewed on the Internet at <https://www.losaltosca.gov/completestreets>.

On occasion, the Complete Streets Commission may consider agenda items out of order.

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, and that are distributed to a majority of the legislative body, will be available for public inspection at the City Hall, Engineering Division, City of Los Altos, located at One North San Antonio Road, Los Altos, California at the same time that the public records are distributed or made available to the legislative body. Any draft contracts, ordinances and resolutions posted on the Internet site or distributed in advance of the Commission meeting may not be the final documents approved by the Commission. Contact the CSC Liaison at 650-947-2626 for the final document.

If you wish to provide written materials, please provide CSC with **10 copies** of any document that you would like to submit to the CSC for the public record.

For other questions regarding the meeting proceedings, please contact the CSC Liaison at 650-947-2626.

MINUTES OF THE COMPLETE STREETS COMMISSION  
REGULAR MEETING OF THE CITY OF LOS ALTOS,  
HELD ON WEDNESDAY, APRIL 27, 2022 AT 5:30 PM  
HELD OVER ZOOM CONFERENCE CALL

PRESENT: Stacy Banerjee (Chair), Suresh Venkatraman (Vice Chair), Nadim Maluf, Cynthia O'Yang (joined at start of Item 4), Tom Gschneidner, Steve Katz, Marisa Lee (Staff Liaison)

ABSENT: Suzanne Ambiel

Meeting YouTube link: [https://www.youtube.com/watch?v=JS7xlOy6\\_Xw](https://www.youtube.com/watch?v=JS7xlOy6_Xw)

**PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA**

None

**CONSENT ITEMS**

1. Approve CSC Meeting Minutes of March 30th, 2022

Upon motion by Commissioner Katz, seconded by Commissioner Nadim Maluf, the Commission moved to approve the March 30<sup>th</sup> meeting minutes, subject to the following changes: Commissioner Stacy did not abstain from vote and voted Yes for Items 1 and 2.

Vote passed 5-0 with two Commissioners Absent

2. Annual CSC letter to City Council in Advance of Joint Meeting (with Updated CSC Work Plan Attached)

Upon motion by Commissioner Tom Gschneidner, seconded by Commissioner Steve Katz, the Commission moved to approve the annual CSC letter.

Vote passed 5-0 with two Commissioners Absent

3. Complete Streets Master Plan (CSMP) Support Letter to City Council

Upon motion by Commissioner Nadim Maluf, seconded by Vice Chair Suresh Venkatraman, the Commission moved to approve the Complete Streets Master Plan Support Letter.

Vote passed 5-0 with two Absent

## DISCUSSION ITEMS

### 4. Fremont Avenue Pedestrian Bridge Rehabilitation - Workshop

Levi Kinnebrew with Dewberry (Consultant) provided updates on the design and estimate for the rehabilitation of Fremont Avenue Pedestrian Bridge over Permanente Creek.

Additionally, lighting options on the deck and two ends of the bridge were presented to the Commissioners and the public for input.

Comments:

- The current bridge lighting (downward facing lighting on each end of the bridge, no deck lighting) was preferred by residents.
- Concerns were raised over toxicity of pressure-treated wood and residents requested a cost comparison between using pressure-treated wood vs. redwood.
- The retrofitted bridge to be maintained following a maintenance schedule and current maintenance schedule on this bridge to be provided.
- Staff to visit the bridge at night regarding any safety considerations related to bridge lighting

### 5. Almond Ave/Los Altos High School (LAHS) update (Andre-Anne Cadieux, Alta Planning + Design)

The staff discussed Los Altos High School and Almond Ave traffic during pick-up and drop-off, which was originally brought up by a resident during an earlier CSC meeting in 2022.

The staff coordinated the issue with the Vice Principal of LAHS (Galen Rosenberg) and conducted survey and observations. Solutions were provided by the staff accordingly, using a combination of three approaches including Programmatic and Infrastructure solutions, Traffic Demand Management, Network and Systems perspective.

Comments:

- Commissioners requested quantification of goals and metrics, including tiered goals, defined metrics, and survey data to quantify progress in behavior change.
- Commission requested increased enforcement and asked for information on how many tickets are issued in that zone in morning and afternoon hours, and for increased enforcement of U-turns
- Commission requested the percentage of students driving to the school and a goal for reducing this percentage
- Commissioners requested to the consideration of staggered start times.
- Commission requested directing students on where to enter campus depending on the direction they are coming from and what mode they are using, in order to reduce conflicts
- Recommend including Police Department staff for next meeting on this topic

## UPDATE ITEMS

6. Education and Encouragement (EE) Update for Safe Routes to School Project (Andre-Anne Cadieux) and School Routes App Update (Jaime Rodriguez)

Safe Routes to Schools Education and Encouragement updates were shared, including the “We Slow Down for Each Other” yard sign campaign, Safe Route to School toolkit/tallies/surveys, Bike and Pedestrian Curriculum, and bike events throughout the community.

Comments:

- Commissioners requested quantifying the outcome to correlate effort with the outcome.
- Considerations for certifying the instructors

7. City Attorney Presentation on State Housing Law

Erik Ramakrishnan, the City Attorney, discussed State Housing Law, including Permit Streamlining Act, Objective Standards, and Housing Accountability Act.

8. Update on St Joseph Sidewalk Gap Closure Project (Nafis Majd)

Staff presented 65% design layouts for St Joseph Avenue Sidewalk Gap Closure between Robles Ranch Rd and Deodara Dr.

9. Subcommittee List

Commissioners discussed the Subcommittee List. The Workplan and VMT-TDM Subcommittees were disbanded.

## INFORMATIONAL ITEMS

- Next Tuesday is joint meeting with the Council at 5:30 pm.
- The City’s Engineering Services Manager, Jim Sandoval, will provide update on next CSC meeting for the fiscal year 22-23 budget.
- Consultant for the First Street Streetscape Plan was selected.
- Traffic Patterns Contract will be brought to the City Council for extension.
- The Complete Streets Master Plan will be brought back to City Council for a small budget increase to cover the cost of the additional updates requested by Council during the Final Draft presentation.

## **COMMISSIONERS REPORTS AND POTENTIAL FUTURE AGENDA ITEMS**

- Request for a future item on the City's maintenance agenda, asset maintenance, including road, signals, bridges, etc.

## **ADJOURNMENT**

Chair Stacy Banerjee adjourned the meeting at 9:50 PM



**TO:** Complete Streets Commission

**FROM:** Marisa Lee, Transportation Services Manager

**SUBJECT:** Fremont Avenue Pedestrian Bridge Rehabilitation Project, TS-01055

**ATTACHMENTS:** None

**RECOMMENDATION:**

Review and Approve Draft design for Fremont Avenue Pedestrian Bridge, Provide Input on Selection of Lighting Alternatives

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**INTRODUCTION**

The Fremont Avenue Pedestrian Bridge over Permanente Creek is scheduled for routine maintenance due to age and exposure to the elements. The purpose of this rehabilitation is to ensure public safety and to improve the service life of the structure. Work includes replacement of the following:

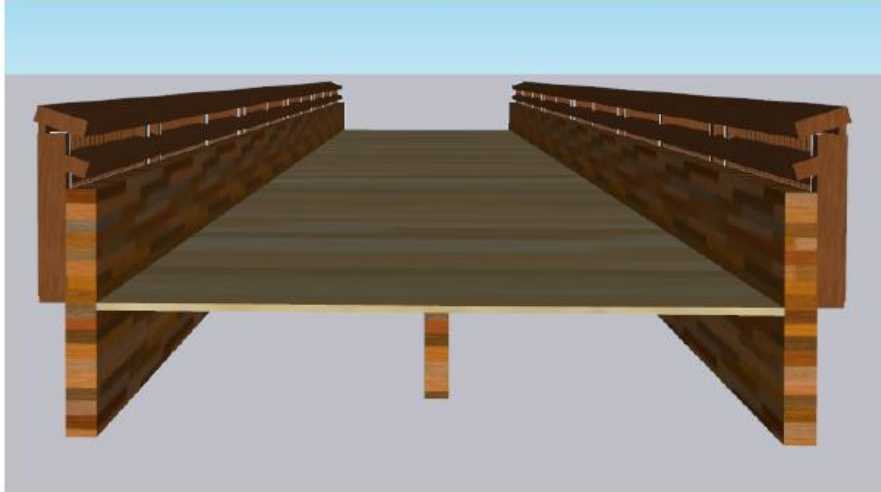
- Timber deck and railing
- Support blocks under the bridge
- Drainage
- Backfilling behind the bin-abutment wall

The Consultant, Dewberry Engineering Inc., has completed 65% submittal for the PS&E design package. With the City's comments and public input, the City will move to 100% design.

**BACKGROUND**

A feasibility study for rehabilitation of the Fremont Avenue Pedestrian Bridge was completed by Drake Haglan and Associates in 2016 and they concluded that rehabilitation is the most cost-effective option with minimum environmental effects. City staff conducted temporary safety improvements in 2020 due to community concerns regarding bridge deterioration at that time.

A Design Professional Consulting Services agreement was executed with Dewberry Engineering Inc. in February 2021. City staff recently received the 65% design package for the project and it is being presented to the Complete Streets Commission in efforts to provide a community outreach opportunity.



*Figure 1:  
Proposed Bridge Deck Improvements*

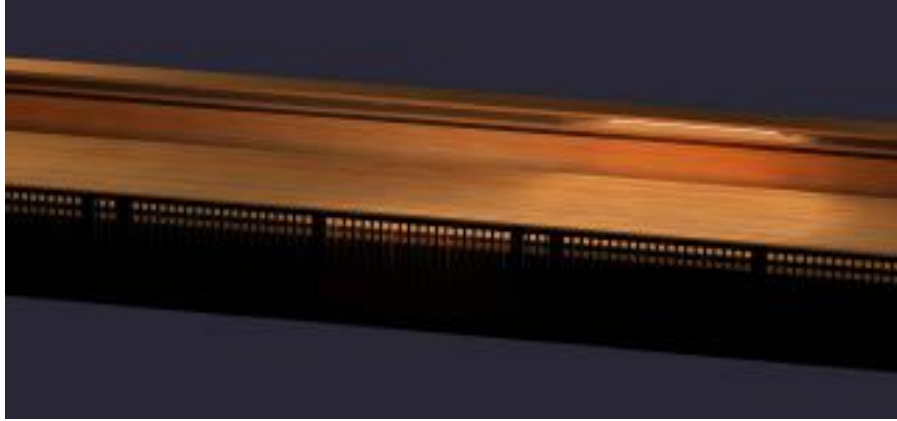
## **DISCUSSION**

This is an opportunity for the Complete Streets Commission to review the design for the Fremont Avenue Pedestrian Bridge Rehabilitation over Permanente Creek. In addition to the proposed bridge rehabilitation improvements, the City also plans to introduce lighting improvements. There are two types of lighting improvements to discuss:

1. Pedestrian-scale, streetlight type lighting fixtures at each end of the bridge. These would replace the existing lights at each end of the bridge, which are old and becoming unsightly. The City plans to incorporate this type of lighting based on past community input.
2. Low-level lighting across the span of the bridge, imbedded into the bottom side of the railing, shining down at the bridge deck across the span of the bridge. Deck lighting options across the span of the bridge will be discussed. As shown in Figure 2, the deck lighting will only shine on the decking within the designed angle with low level lights, and therefore, will not have a wildlife impact.

Figure 3 presents the proposed lighting fixtures for commission and public input. These light fixtures are selected to begin the conversation, not as final selections, and to receive direction on shape, lighting directionality, and aesthetic. These fixtures were selected with the intention of fitting the rural aesthetic of the Los Altos community.





*Figure 2:  
Rendering of bridge deck lighting, embedded in the underside of the railing, shining at low levels onto the deck surface. The rendering shows lighting at the center of the bridge, and the lights at the two ends of the bridge (options to be discussed).*



*Option A  
Decorative*

*Option B  
Historic*

*Option C  
Top: Rustic  
Bottom: Modern/Rustic*

*Figure 3:  
Options for AESTHETIC, LOOK & FEEL of Light Fixtures at Ends of Bridge*



**TO:** Complete Streets Commission

**FROM:** Marisa Lee, Transportation Services Manager

**SUBJECT:** Cuesta Drive Traffic Calming Project

**ATTACHMENTS:** Conceptual Drawing

**RECOMMENDATION:**

Receive update and provide input on Cuesta Drive Traffic Calming Project

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**INTRODUCTION**

The Cuesta Drive traffic calming project was implemented in the Summer of 2020 following an extensive one-year community outreach process. Since completion of the construction project, public input on the Cuesta Drive speed tables has varied. Residents have noted significantly reduced vehicle speed and increased bicycle and pedestrian comfort, while commuters on the corridor have expressed concerns regarding the height of the speed tables having an impact on vehicles and motorists. The Santa Clara County Fire Department, who provides service to the City of Los Altos, has informed Staff that the constructed speed tables exceed their three-inch maximum height requirement, and City Staff and County Fire have been working together to find a replacement that will meet both the needs of the emergency vehicle response time as well as resident needs for calmer traffic on Cuesta Drive.

This project, post construction, has been discussed at several previous Complete Streets Commission meetings. During the April 28, 2021 Complete Streets Commission meeting the commission advised staff to implement additional signage & striping measures to help improve visibility of the speed tables. The City commissioned topographic surveys of the Cuesta Drive speed tables in the Fall 2021 to get an accurate measurement of height and conducted additional traffic data collection. On October 27, 2021 the Complete Streets Commission received an update on the topographic survey data as well as speed surveys conducted after the installation of the speed tables. At this meeting it had already been determined, due to Santa Clara County Fire Standards, that the existing speed tables must be removed and replaced with speed tables no more than three inches in height, and the Commission meeting facilitated a discussion with Commissioners and residents about options for the replacement tables.

The speed humps constructed on Arboleda Drive as a part of the same original project meet the three-inch maximum height and therefore are not being replaced, and are not a part of this discussion.

## BACKGROUND

While the original Cuesta Drive traffic calming concept design included raised intersections at Cuesta Drive & Campbell Avenue and Cuesta Drive & S Clark Avenue, this concept plan was modified early in the project, upon initiation of the design phase, when residents and policy officials expressed concerns regarding the effectiveness and character change of the neighborhood from the proposed raised intersection treatments. A new traffic calming planning phase was initiated in the Spring of 2019, over the next 12 months the City and its consultant design team (Alta Planning + Design) worked with residents to identify an alternative traffic calming program that includes the installation of the following traffic calming elements, all installed in the Fall of 2020:

### Cuesta Drive:

- 5 Speed Tables (Street Width x 20')
- New All-way STOP at Cuesta Drive & S Clark Avenue
- New Pedestrian Pathway along North Side of Cuesta Drive between S Clark Avenue and Campbell Avenue

### Arboleda Drive

- 7 Speed Humps (Street Width x 12')
- New All-Way STOP at Arboleda Drive & Campbell Avenue

### Additional Traffic Calming Elements:

- High visibility crosswalks and warning signage
- Painted Intersection Returns at Cuesta Drive & Arboleda Drive and Arboleda Drive & Springer Road

During the construction phase the Cuesta Drive speed tables were adjusted from a planned 3.5-inch height to a targeted 4.25-inch height following community input on construction of the first two speed tables not being sufficient to change driver behavior on the street. In addition, the contractor's field crews were experimenting with construction methods to properly build the speed tables to better match the design elements of the project. City staff agreed with residents regarding the ineffectiveness of the speed tables at the designed 3.5-inch height and worked with the contractor to identify a better height through field experimentation. Thus, a 4.25-inch target height was identified to achieve the designed 15-MPH drive speed discussed with the community during the planning phase. The speed tables were constructed with the goal of reaching a 4.25-inch height at the crown of the street and to provide flat top on the speed tables to help achieve vehicle speed reductions to 15 MPH. Because the cross-section of Cuesta Dr varies in height due to the age and lack of curb & gutter facilities on the street, the height of the sides of the speed tables near the edge lines or shoulder of Cuesta Dr vary as a result, in some cases reaching a height much higher than the allowed three-inch height.

Over the Summer of 2021 the following additional modifications were made to the Cuesta Drive speed tables following the Complete Streets Commission's April input and subsequent City Council input on July 13, 2021:

- 12” White Borders on each Cuesta Drive approach
- 2<sup>nd</sup> set of Chevron Pavement Arrows on each side of the Cuesta Dr Speed Tables
- 2<sup>nd</sup> set of “Speed Hump” and “15 MPH” signs on each side of the Cuesta Dr Speed Tables

The City also commissioned a land surveyor to survey each of the Cuesta Dr speed tables to accurately measure the height of each speed table. Additional vehicle speed and volume data on and along streets surrounding Cuesta Drive was collected to help measure the ongoing effectiveness of the Cuesta Dr speed tables and Arboleda Ave speed humps and any impacts to adjacent neighborhood streets.

## **DISCUSSION**

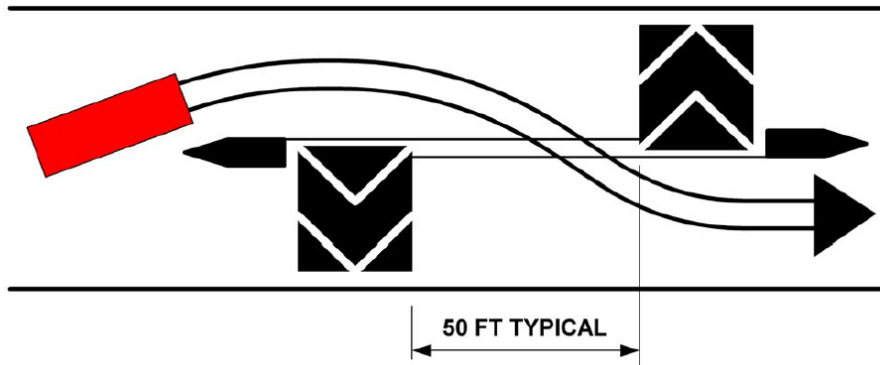
The height of the Cuesta Dr speed tables has been the primary concern of residents, commuters, and the Santa Clara County Fire Department. The County of Santa Clara Fire Department, who provides first responder service to the City of Los Altos, requires a 3.0-inch height maximum for speed humps and tables. (The Institute of Transportation Engineers (ITE) notes the common practice height for speed tables from between 3- and 4-inches and as high as 6-inches. This was the standard that was referenced in the design of the speed tables.) The existing speed tables must be removed and replaced with tables that do not exceed County Fire’s three-inch height requirement.

City Staff has been in ongoing communication with County Fire to determine the options for replacing the speed tables. The Fire department has requested the use of Offset “Lane Split” Speed Tables, where the vertical element in one travel lane is offset from that of the opposite travel lane; the lane split speed tables are a minimum of 120-FT apart to allow a fire truck to meander down the street to avoid the speed tables, as illustrated in Figure 1. The Fire Department prefers this “Lane Split” design over the more commonly seen slotted speed hump/table designs. Fire has also requested the use of rubber speed tables, to avoid any inconsistency in height and remove any chance that the reconstructed tables could exceed the three-inch requirement. (If the existing speed tables are replaced with asphalt tables, inconsistency in manual construction methods will make it difficult to achieve a uniform height given the irregularity in the pavement cross-section along Cuesta Dr. The use of prefabricated rubber speed tables would address irregularities in manual construction methods.)

The “Lane Split” concept retains one speed table in the location of the existing speed tables and splits the other a minimum of 120-FT apart.

The “Lane Split” concept also removed one existing speed table, the speed table located between El Monte Avenue and Arboleda Dr and proposed a new All-Way STOP at the Cuesta Drive & Arboleda Drive intersection along with crosswalk treatments to support the Suggested Route to School connection to Covington Elementary.

Figure 1  
Diagram of Offset Speed Table



In the October CSC meeting, the potential noise impacts of prefabricated speed tables was discussed, and the community expressed concern over both the noise of the existing speed tables (due to their height) as well as the potential noise of the rubber speed tables. Staff has been in contact with the vendor (TrafficLogix) regarding this concern, and to address the noise issue plans to affix the rubber speed table with an adhesive as well as filling in the lip between rubber and asphalt with a caulking-like material. Rubber speed tables also offer the advantage of embedded reflective striping to help improve visibility--one of the concerns expressed by residents and commuters about the existing speed tables. Figure 2 illustrates the Traffic Logix brand rubber tables, the leading market unit.

Figure 2  
Traffic Logix Rubber Speed Table



Traffic Logix Product (with reflective quality)

The split speed table design allows emergency response vehicles to weave around the tables to reduce their delay. The Fire Department requested this configuration after successful use of this method in other states, and following extensive documented case studies in Oregon. One concern with this methodology is that passenger vehicles may also weave to avoid the vertical element. Staff has been working with the Fire department to come up with a design

solution for this concern, and options will be presented at the meeting. Options include a hardened centerline both between the two pieces of the offset tables, as well as in advance of the tables in each direction. A hardened centerline may be constructed with the use of reflective markers or “bots dots” along the centerline of the roadway, or some other vertical element to deter swerving (see Figure 3). Another consideration is a flex post along the edgeline of the roadway at the end of the speed table, to deter vehicles from swerving into the shoulder to avoid the vertical element, as residents and Commissioners were concerned about bicycle safety on the shoulder if drivers were to swerve to the right. Staff anticipates monitoring and enforcement of this project for a period following installation. Swerving across the centerline is illegal for motorists.

Figure 3  
Examples of Hardened Centerline Options

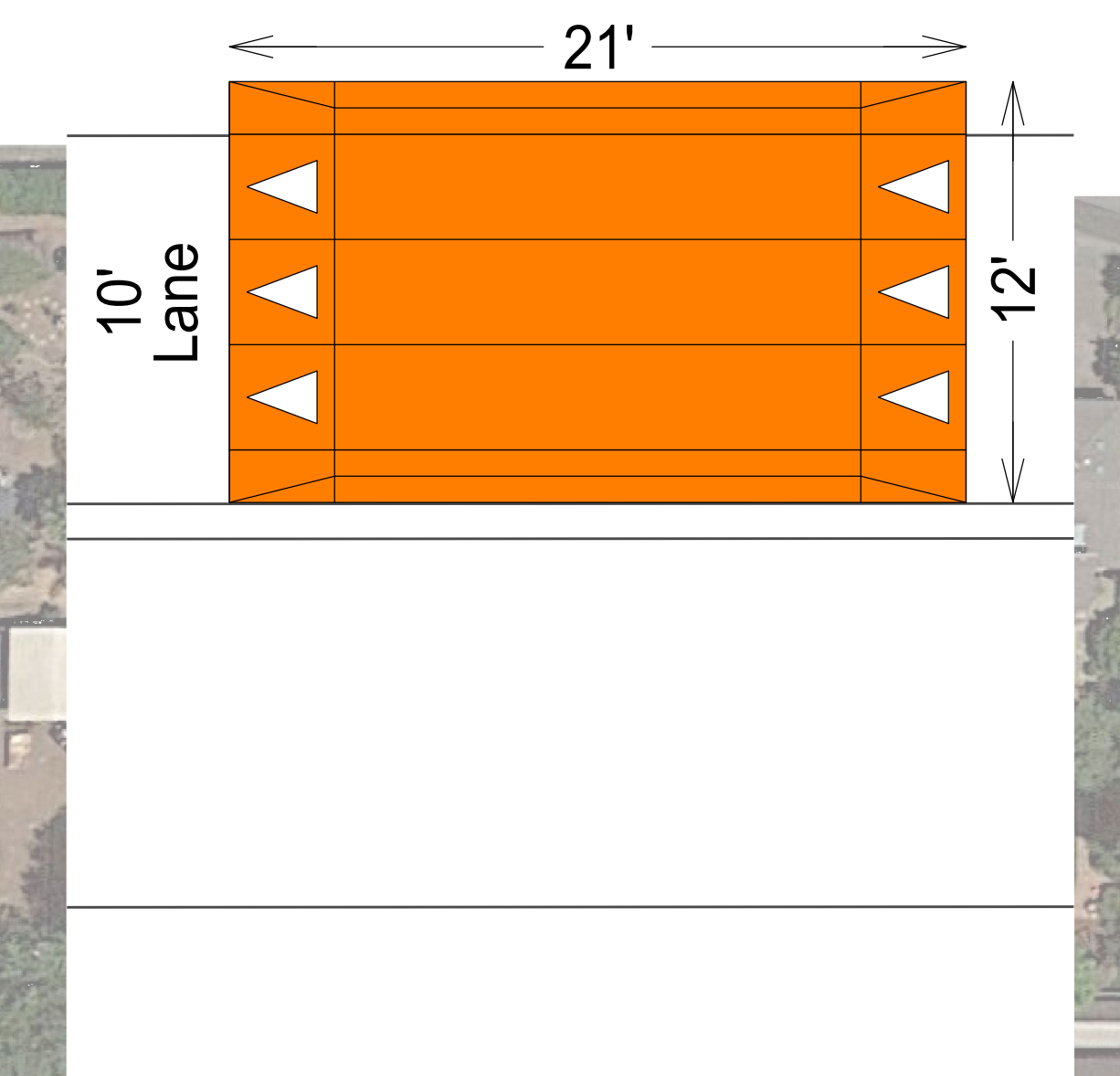
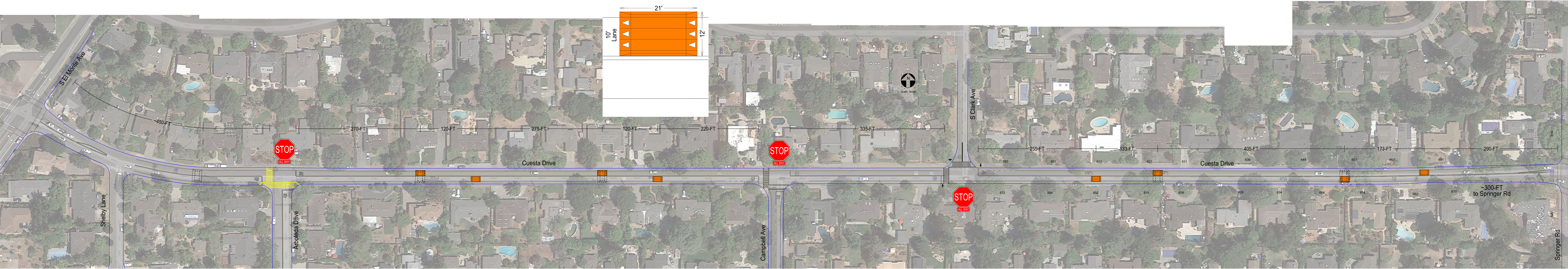


**RECOMMENDATIONS**

City staff recommends that the Complete Streets Commission receive the update on the Cuesta Drive Traffic Calming project, review the requirements of County Fire, and provide input on the alternatives discussed in the presentation.

No modifications to the Arboleda Avenue speed humps are recommended at this time.

Staff intends to monitor traffic speed and flow after the installation of the new speed tables and will return to this Commission for an update.







**TO:** Complete Streets Commission

**FROM:** Marisa Lee, Transportation Services Manager

**SUBJECT:** Los Altos High School (LAHS) Drop-Off and Pick-Up

**ATTACHMENTS:** Los Altos High Drop-Off Zone on Jardin Drive

**RECOMMENDATION:**

Review plan for drop-off zone on Jardin Drive to mitigate drop-off and pick-up traffic at Los Altos High School and facilitate a smoother drop-off and pick-up window for the neighborhood. Provide feedback on the plan. This plan is intended to be one part of the multi-pronged approach for improving traffic operations in the area surrounding LAHS, as discussed in previous meetings.

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**INTRODUCTION**

Since construction began at LAHS, the neighborhood has experienced increased traffic during the drop-off and pick-up peak periods. The City has been working with the School and with Alta Planning + Design, who runs the City’s Safe Routes to School Program, as well as the Complete Streets Commission, to mitigate traffic and facilitate a smoother plan for drop-off and pick-up that accommodates students walking, students biking, students driving, and students being dropped off at school.

**BACKGROUND**

Staff has been monitoring drop-off and pick-up traffic at Los Altos High School (LAHS), especially after the installation of the new two-way bicycle cycletrack. Staff, the Commission, and the school have received complaints about ongoing traffic issues, as well as driver behavior, in the neighborhood during drop-off and pick-up periods.

A resident was invited to give a presentation of her observations at the February 2021 CSC meeting, which initiated a discussion between commissioners, residents, school administrators, and City staff regarding the ongoing issues, and a multi-pronged approach to alleviate the issues, including Transportation Demand Management (TDM), a holistic look at transportation in the neighborhood, and infrastructure improvements.

The City’s Safe Routes to School Consultant, Alta Planning + Design, was commissioned by the City to conduct a site visit during peak periods at Los Altos High School on

Wednesday, March 30, 2022. This site visit followed the February CSC meeting in which Commissioners, residents, City staff, and school administrators discussed the ongoing issues around school drop-off and pick-up, and potential programmatic and infrastructure improvements to alleviate drop-off and pick-up traffic in the neighborhood.

## **DISCUSSION**

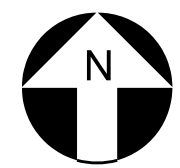
The neighborhood surrounding LAHS has experienced increased traffic during the construction on the school campus. City staff has been working with the school and the City's Safe Routes to School consultant (Alta Planning + Design) to alleviate the issue and facilitate smoother peak hour periods.

Construction on the school campus is planned to continue for the next year. During that time, the East Drive is closed for construction staging. City Staff and school administrators agree that re-opening the drop-off loop is an option after construction is finished, because bikes may be routed up the East Drive and avoid conflicts with vehicles turning into the drop-off loop. During the time of construction, Staff and LAHS also agree that re-opening the drop-off loop poses a hazard to students biking to school in the two-way bicycle facility on Almond Ave. Vehicles are likely to queue in the cycletrack, unless a barrier is installed, in which case vehicles will have to queue in the travel lanes on Almond Ave, blocking through traffic. Staff and school administrators believe this option is likely to make the traffic situation on Almond Ave worse, not better.

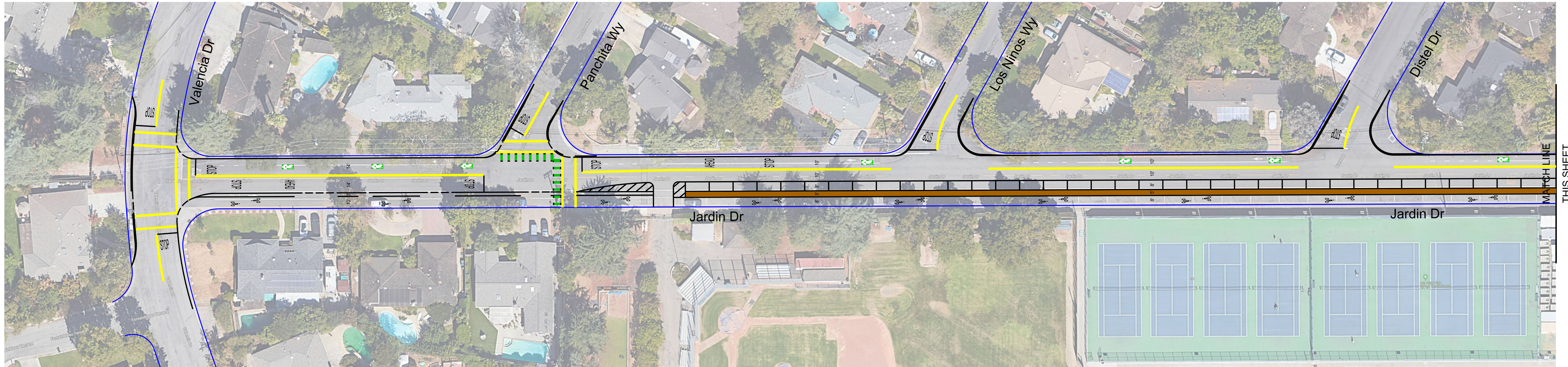
Until re-opening the drop-off loop after school construction is complete, Staff and the school would like to consider an alternative drop off area on Jardin Drive, as discussed in previous CSC meetings. The attached concept drawing shows a drop-off zone on Jardin that could be used as a "rolling-drop off" – a more efficient and coordinated drop-off procedure that streamlines vehicle movements and has been very successful at other schools. The drop-off zone separates vehicle movements, bicycle movements, and pedestrians, to reduce conflicts between modes and increase safety and efficiency. This drop-off could be temporary and used in the interim, or could be permanent if successful. The City plans to submit an application for a Quick-Build grant through Caltrans' Active Transportation Program (ATP).

The drop-off zone on Jardin Drive would be one part of the multi-pronged approach to traffic calming in the LAHS neighborhood, as discussed at the previous CSC meetings. Other elements would include Transportation Demand Management, incentive programs for walking and biking, messaging to parents regarding drop-off procedure and driving behavior, increased enforcement for illegal U-turns and other driver behavior, and a holistic approach to managing the neighborhood traffic flow during peak periods.

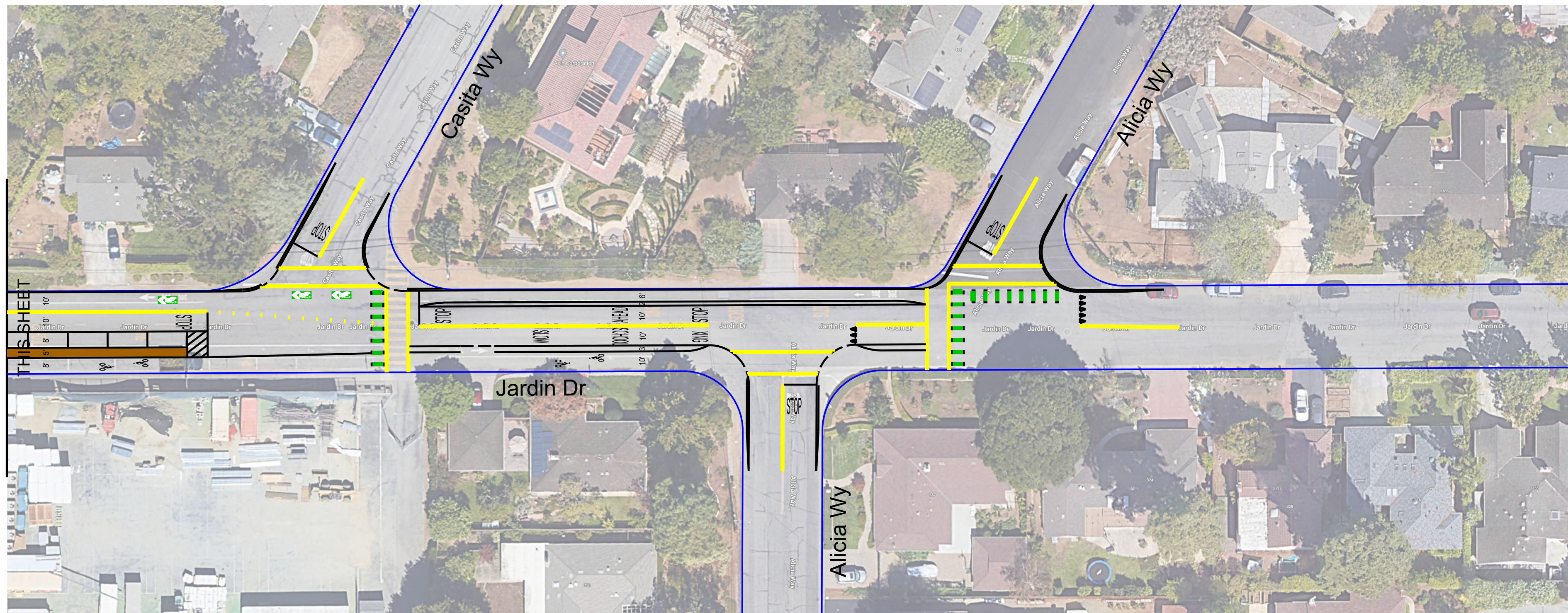
Concept 1  
Jardin Drive Cycletrack



Scale: None



THIS SHEET



MATCH LINE

**Traffic Patterns**  
P.O. Box 25  
Danville, CA 94526  
O: (408) 916-8141  
www.trafficpatterns.net  
info@trafficpatterns.net

Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
REGISTERED PROFESSIONAL ENGINEER  
TR2284  
Exp: 6-30-22  
TRAFFIC  
STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	5-10-22

DRAWN BY:	J. Rodriguez	Date:	5-10-22
CHECKED BY:	City of Los Altos	Date:	5-10-22
DESIGNED BY:	J. Rodriguez	Date:	5-10-22

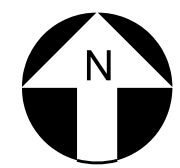
**Revisions**

NO.	DESCRIPTION	DATE

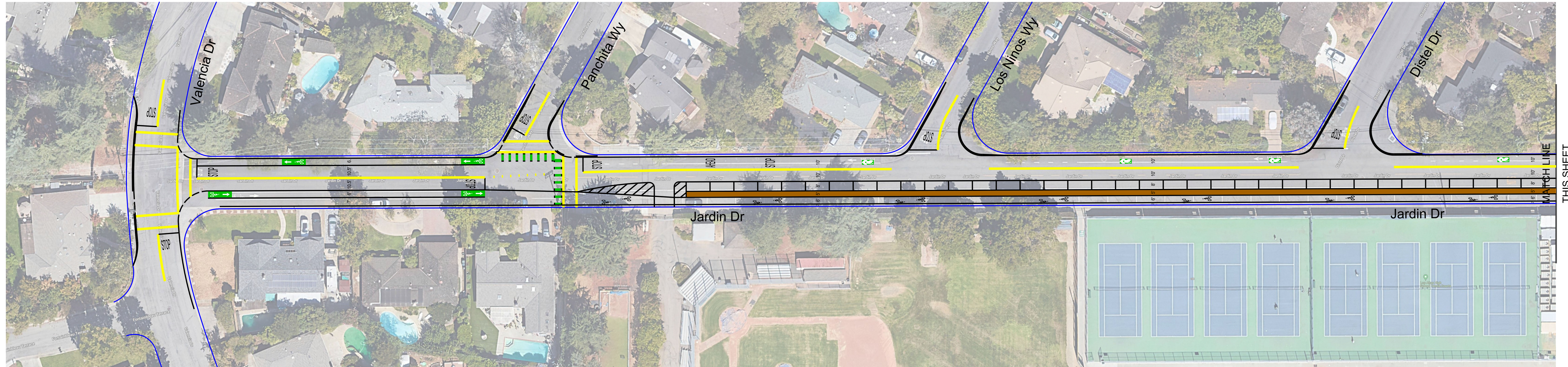
City of Los Altos  
Jardin Drive  
Cycletrack Concept A  
DRAFT

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	Sheet 1

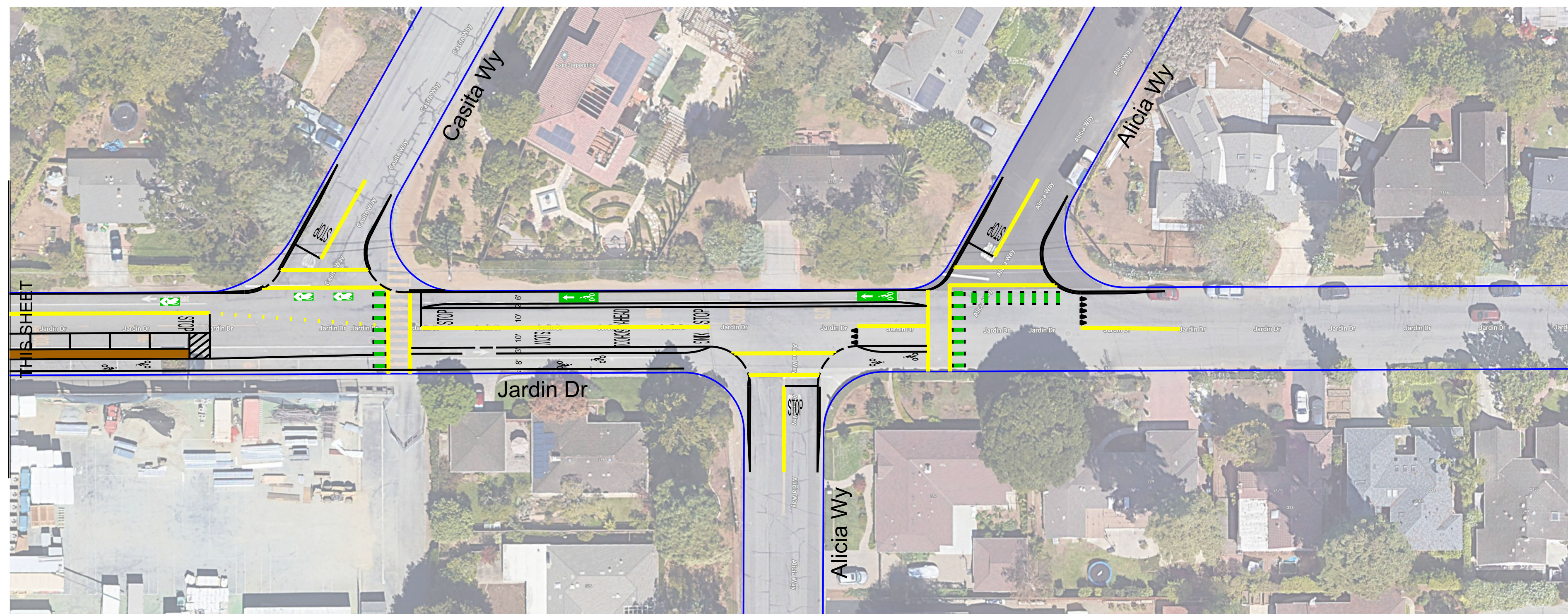
Concept 2  
Jardin Drive Cycletrack



Scale: None



THIS SHEET



MATCH LINE

**Traffic Patterns**  
P.O. Box 25  
Danville, CA 94526  
O: (408) 916-8141  
www.trafficpatterns.net  
info@trafficpatterns.net



**Record Drawings**

Project Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Designer: \_\_\_\_\_ Date: \_\_\_\_\_

Public Works Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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CHECKED BY: City of Los Altos Date: 5-10-22

DESIGNED BY: J. Rodriguez Date: 5-10-22

**Revisions**

NO.	DESCRIPTION	DATE

City of Los Altos  
Jardin Drive  
Cycletrack Concept A  
DRAFT

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

APPROVED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: None  
Sheet 2



**TO:** Complete Streets Commission

**FROM:** Marisa Lee, Transportation Services Manager

**SUBJECT:** Complete Streets Master Plan – School Improvement Plans Phase 1

**ATTACHMENTS:** 95% Design Plans, School Improvements Plans Phase 1

**RECOMMENDATION:**

Review and provide input on the CSMP - School Improvement Plans Phase 1 focused on signage & striping improvements along Suggested Routes to School.

---

**INTRODUCTION**

The Complete Streets Master Plan (CSMP) includes School Improvement Plan recommendations for both near-term and long-term infrastructure improvements to support improved bicycle & pedestrian safety and awareness along suggested routes to school. The Los Altos City Council set aside \$500,000 over two fiscal years in the Capital Improvement Program (CIP) to help fund school improvement infrastructure improvements recommended within the CSMP.

The Complete Streets Commission created a subcommittee comprised of Vice Chair Venkatraman and Commissioner Gschneider. The subcommittee met with staff to review the attached 95% design plans attached to this staff report and are now being made available for input by the commission so that the plans can be finalized and included in the 2022 Annual Street Resurfacing Program for implementation.

**BACKGROUND**

The CSMP – Safe Routes to School effort focused on the development suggested Walk n Roll maps for each of the 17 schools that service the Los Altos community, including those schools in adjacent cities and School Improvement Plans for those schools with the Los Altos that identify near-term (signage & striping) and long-term (civil) improvements. The School Improvement Plan are typically prepared in combination with field observations during school commute and with on-site discussions with parents and school administrators.

The Los Altos School Improvement Plan recommendations within the CSMP were prepared during the initial COVID-19 lockdown of 2020 so the City and Alta Planning +

Design (CSMP Lead Consultant) staff were not able to view student bicycle / pedestrian and parent motorist behavior. Field observations were conducted as part of the current school year and adjustments to the improvement plans were made accordingly.

**DISCUSSION**

The CSMP – Safe Routes to School planning process included School Improvement Plans for those schools located within the City of Los Altos. The 95% concept Signage & Striping plans in Attachment A are focused around a total of 9 schools and various citywide intersection spot improvements.

Table 1  
Los Altos School Improvement Plan Treatments

No.	School Site	Signage & Striping Plan Concepts
1 / 2	Almond Elementary School Los Altos High School	- Enhanced Crosswalks - Green Bike Conflict Zones - Intersection Returns with Colored Pedestrian Landing Areas - Parking Restrictions
3	Gardner Bullis	- Enhanced Crosswalk - Green Bike Conflict Zones
4	Loyola Elementary	- All Way STOP Installations (2) - Enhanced Crosswalks - Green Bike Conflict Zones - Red Curb No Parking Restrictions
5	Oak Avenue Elementary	- Enhanced Crosswalks - Red Curb No Parking Restrictions
6	Santa Rita Elementary	- Bike Boulevard Treatments - All Way STOP Installation (1) - Enhanced Crosswalks
7	Blach Middle School	- Enhanced Crosswalks - Green Bike Conflict Zones
8	Egan Middle School	- Enhanced Crosswalks - KEEP CLEAR at School Driveway - All Way STOP at Jordan & Portola - Sharrows
9	Montclair Elementary (CUSD)	- Bike Boulevard Treatments - Bike Lane Installations - Enhanced Crosswalks

Additional elements included within the concept signage & striping plans include the following:

**Brite-Side Signpost Panels** All New STOP signs will receive reflective red signposts that are mounted along the pole shafts to highlight the STOP approach.

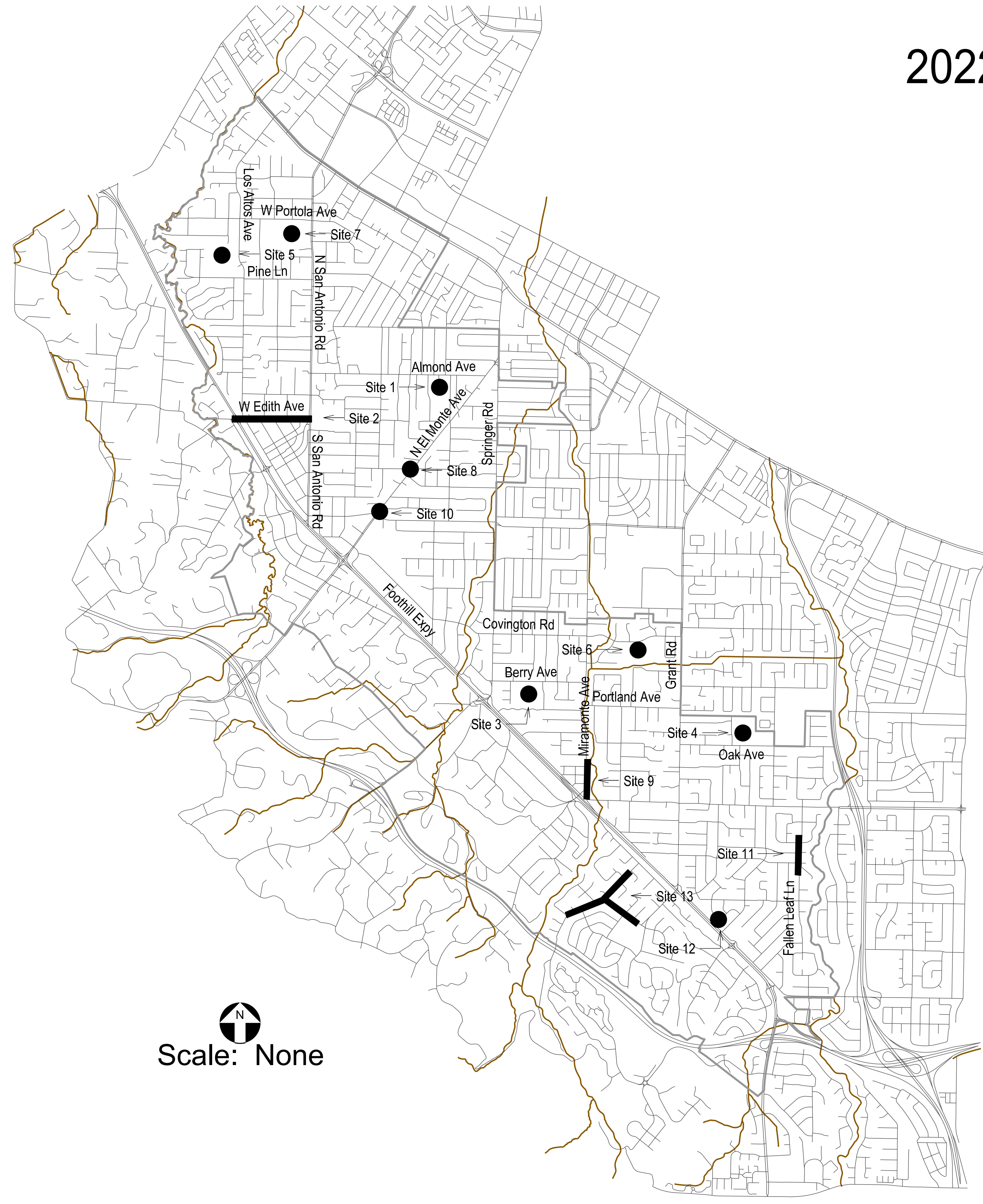
All New School Crossing signposts will receive similar yellow reflective sign post panels to further highlight crosswalks.

In an effort for one city-wide comprehensive annual striping project, this plan set also includes key areas identified during the last several months as needing signage and striping improvements. These areas include Fallen Leaf Lane, Grant Rd at Woodland Branch Library, and the intersection of Hawthorne and El Monte.

**DRAFT 95%**  
**05-18-22**

# CITY OF LOS ALTOS

## 2022 ANNUAL STREET RESURFACING PROJECT PROJECT TS0100122 & TS0100422 AND CITY ALLEY RESURFACING PROJECT PROJECT TS0100922



Scale: None

Page No.	Location / Description	Site No.
CVR	Cover Sheet	
SS-1,2,3	Almond Elementary School/Almond Ave	1
SS-4	Gardner Bullis Elementary	2
SS-5,6	Loyola Elementary School	3
SS-7	Oak Avenue Elementary School	4
SS-8,9	Santa Rita Elementary School	5
SS-10,11	Blach Middle School	6
SS-12,13	Egan Middle School	7
SS-14	Hawthorne Ave and S El Monte Ave	8
SS-15	Miramonte Ave	9
SS-16	El Monte Ave and Shirlynn Ct	10
SS-17	Fallen Leaf Ln	11
SS-18	Grant Rd	12
SS-19,20,21,22	St Joseph Avenue / Eva Avenue	13

- Description of Work**
- Removal of Existing Roadway Markings via Grinding Method
  - Installation of New Roadway Striping, Legends, and Markings
  - Installation of Signs Posts and Signs
  - Installation of Preformed Thermoplastic Bike Markings

- Notes:**
- Contractor Shall Remove any Roadway Markings in Conflict with the Striping Plans.
  - All New Roadway Striping, Markings, and Legends shall be Thermoplastic unless Noted Otherwise.
  - All New Signs Shall be Standard Size with Retroreflective Sign Sheeting.
  - Contractor Shall Install Cat Tracks for City review and Approval a Minimum of 7-Calendar Days Before Planned Installation.

STRIPING LEGEND							
IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT
(6)	STATE DETAIL 6	(32)	STATE DETAIL 32	(41)	STATE DETAIL 41	(85)	PAVEMENT MESSAGE (MESSAGE SHOWN)
(9)	STATE DETAIL 9	(38)	STATE DETAIL 38	(42)	SOLID 24" BIKE GREEN	(84)	TYPE I ARROW - 18"
(21)	STATE DETAIL 21	(38A)	STATE DETAIL 38A	(8)	SOLID 8" WHITE	(8A)	TYPE IV ARROW (DIRECTION SHOWN)
(22)	STATE DETAIL 22	(38B)	STATE DETAIL 38B	(12)	SOLID 12" WHITE	(8A)	TYPE VI ARROW
(24)	STATE DETAIL 22	(39)	STATE DETAIL 39	(43)	SOLID 24" WHITE	(8A)	TYPE VIIA ARROW (DIRECTION SHOWN)
(25)	STATE DETAIL 27B	(39A)	STATE DETAIL 39A	(17)	SOLID 12" YELLOW	(8V)	GREENBACK SHARED LANE MARKING MUTCD FIGURE 9C-2.4(17)
(26)	STATE DETAIL 29	(40)	STATE DETAIL 40	(18)	SOLID 24" YELLOW	(8K)	GREENBACK BIKE LANE STENCIL WITH STRAIGHT ARROW MUTCD FIGURE 9C-3(8)
				(19)		(8L)	GREENBACK BIKE LOOP DETECTOR STENCIL
						(8B)	Buffered Bike Lane, Two D39 Spaced at 24inch O.C. with 4" White Hash Spaced at 15-FT O.C.
						(8C)	Bike Symbol with Arrow
						(8U)	Bicycle Boulevard Marking/Legend

- NOTES:**
- All new Lane Lines and Pavement Messages shall be Thermoplastic unless noted otherwise.
  - All New Bicycle Facility Markings and Legends shall be Preformed Thermoplastic as Manufactured by Ennis-Flint or Approved Equal.
  - Contractor Shall Remove any Roadway Striping or Markings that are in Conflict with this Plan.

**Traffic Patterns**  
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Danville, CA 94526  
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www.trafficpatterns.net  
info@trafficpatterns.net

Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
REGISTERED PROFESSIONAL ENGINEER  
TR2284  
Exp: 6-30-22  
TRAFFIC  
STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	10-15-21
2	Draft Submittal No. 2	01-27-22
3	Draft Submittal No. 3	05-03-22
4	Draft Submittal No. 4	05-10-22

**Drawn/Checked/Designed By:**

DRAWN BY:	M. Zurikak	Date:	10-15-21
CHECKED BY:	City of Los Altos	Date:	10-15-21
DESIGNED BY:	J. Rodriguez	Date:	10-15-21

**Revisions**

NO.	DESCRIPTION	DATE

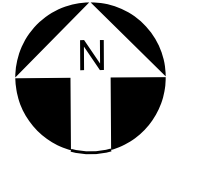
City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Cover Sheet

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: <b>None</b>
	CVR



**DRAFT 95%**  
**05-18-22**

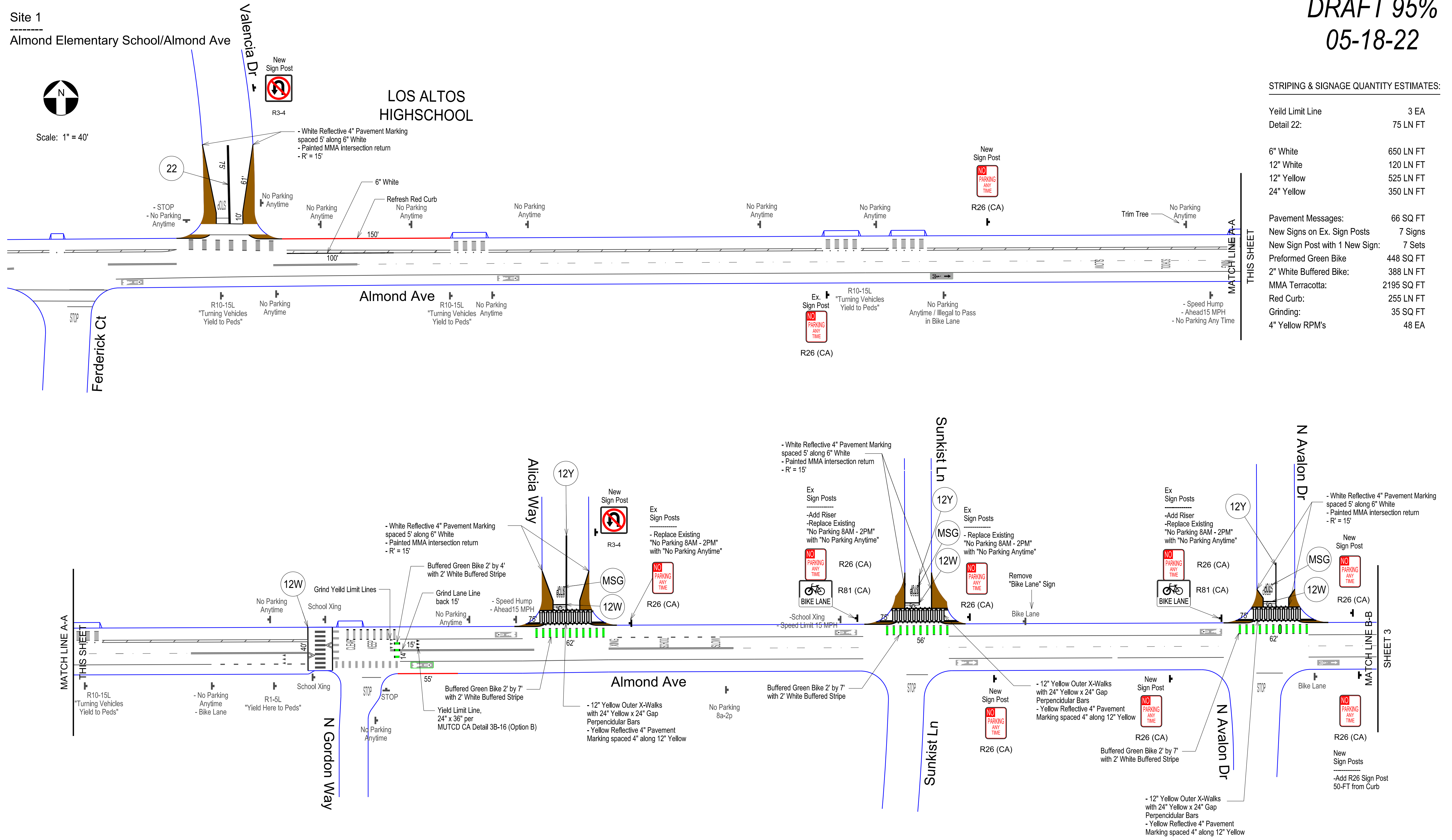
Site 1  
Almond Elementary School/Almond Ave



Scale: 1" = 40'

**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	3 EA
Detail 22:	75 LN FT
6" White	650 LN FT
12" White	120 LN FT
12" Yellow	525 LN FT
24" Yellow	350 LN FT
Pavement Messages:	66 SQ FT
New Signs on Ex. Sign Posts	7 Signs
New Sign Post with 1 New Sign:	7 Sets
Preformed Green Bike	448 SQ FT
2" White Buffered Bike:	388 LN FT
MMA Terracotta:	2195 SQ FT
Red Curb:	255 LN FT
Grinding:	35 SQ FT
4" Yellow RPM's	48 EA



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**Revisions**

NO.	DESCRIPTION	DATE

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2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 1  
Almond Elementary School

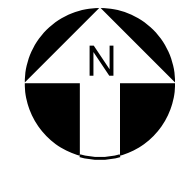
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DATE: \_\_\_\_\_

**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

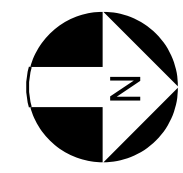
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DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
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SS-1

Site 1  
Almond Elementary School/Almond Ave

DRAFT 95%  
05-18-22



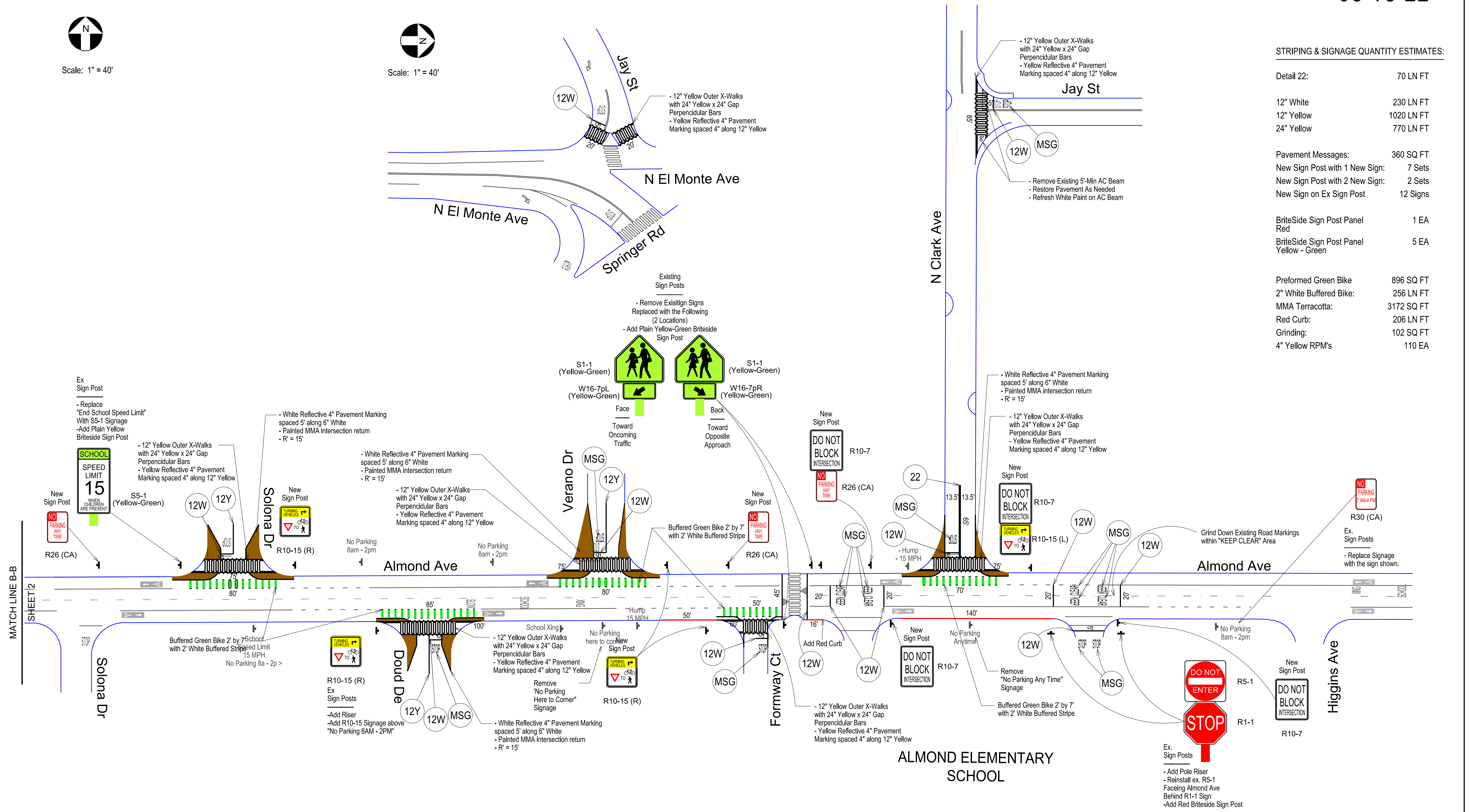
Scale: 1" = 40'



Scale: 1" = 40'

STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 22:	70 LN FT
12" White	230 LN FT
12" Yellow	1020 LN FT
24" Yellow	770 LN FT
Pavement Messages:	360 SQ FT
New Sign Post with 1 New Sign:	7 Sets
New Sign Post with 2 New Sign:	2 Sets
New Sign on Ex Sign Post	12 Signs
BriteSide Sign Post Panel Red	1 EA
BriteSide Sign Post Panel Yellow - Green	5 EA
Preformed Green Bike	896 SQ FT
2" White Buffered Bike:	256 LN FT
MMA Terracotta:	3172 SQ FT
Red Curb:	206 LN FT
Grinding:	102 SQ FT
4" Yellow RPM's	110 EA



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TRAFFIC  
STATE OF CALIFORNIA

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Designer:	Date:
Public Works Inspector:	Date:

Public Improvements Initially Accepted by the City Council on:

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DRAWN BY: M. Zurikaki Date: 10-15-21  
CHECKED BY: City of Los Altos Date: 10-15-21  
DESIGNED BY: J. Rodriguez Date: 10-15-21

**Revisions**

NO.	DESCRIPTION	DATE

City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 1  
Almond Elementary School

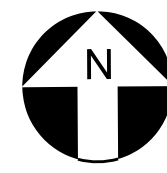
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DATE: \_\_\_\_\_

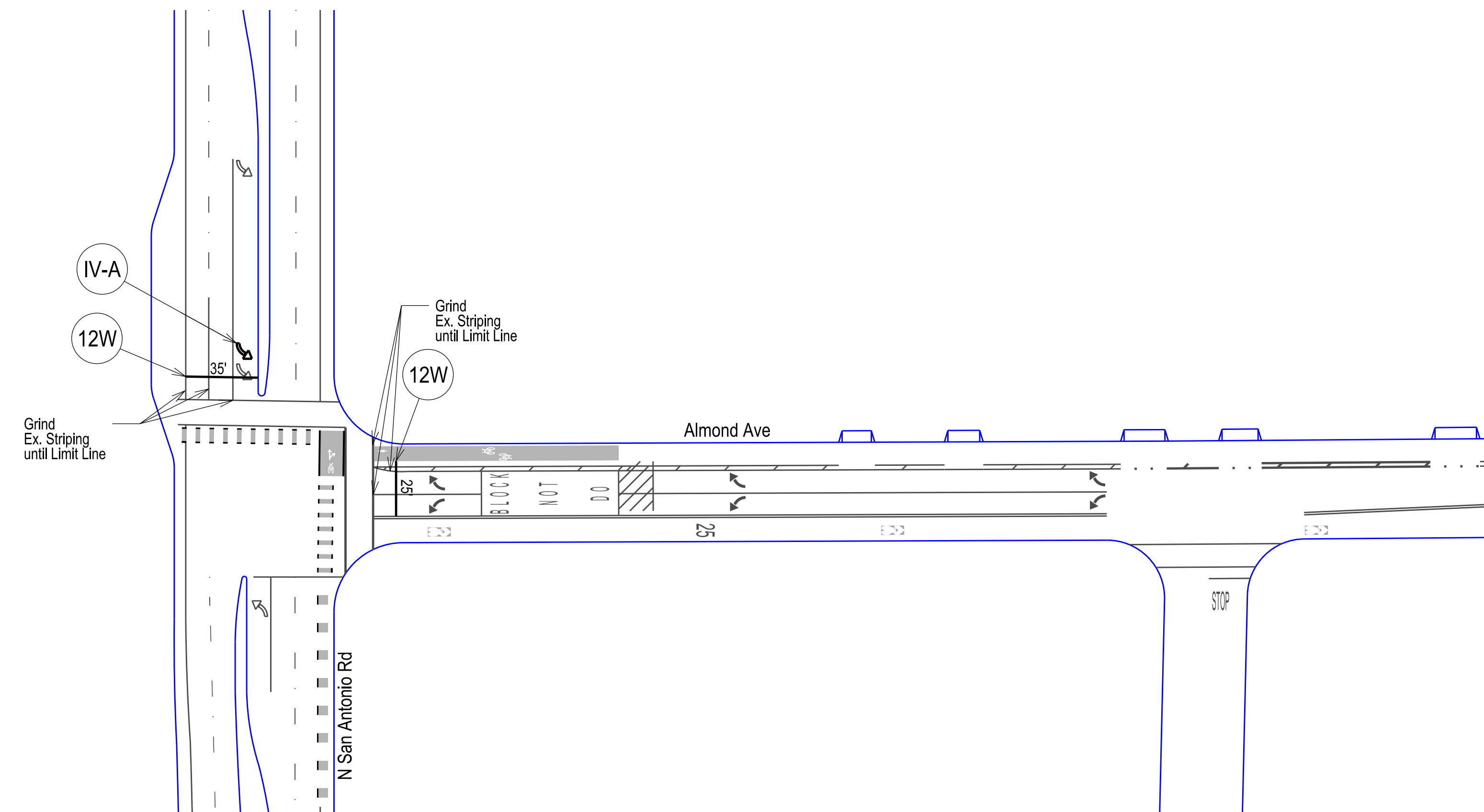
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DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: None  
SS-2

Site 1  
 Almond Elementary School/Almond Ave

**DRAFT 95%**  
**05-18-22**



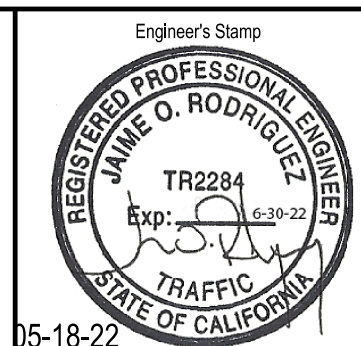
Scale: 1" = 40'



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

12" White	60 LN FT
TYP IV (Left)	1 EA
Grinding:	100 SQ FT

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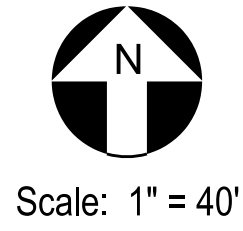
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DESIGNED BY:	J. Rodriguez	Date:	05-03-22

Revisions		
NO.	DESCRIPTION	DATE

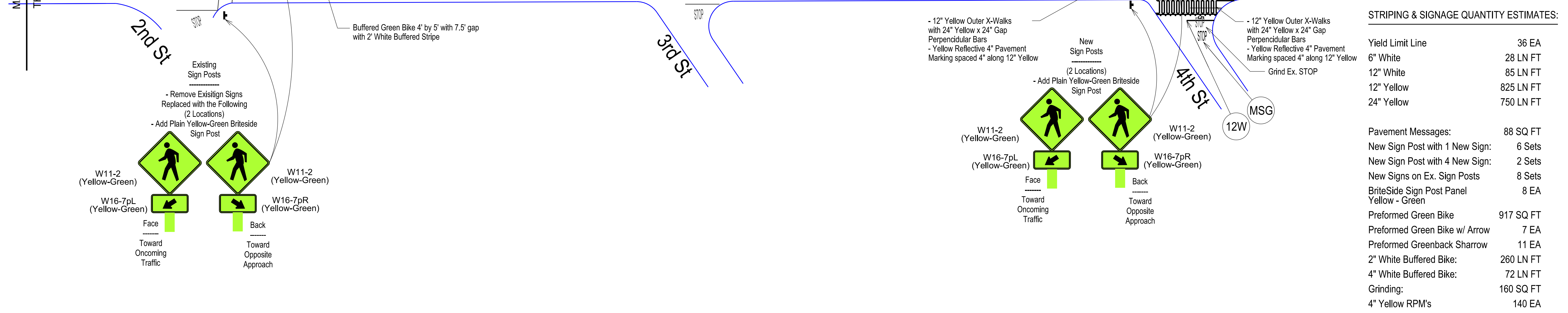
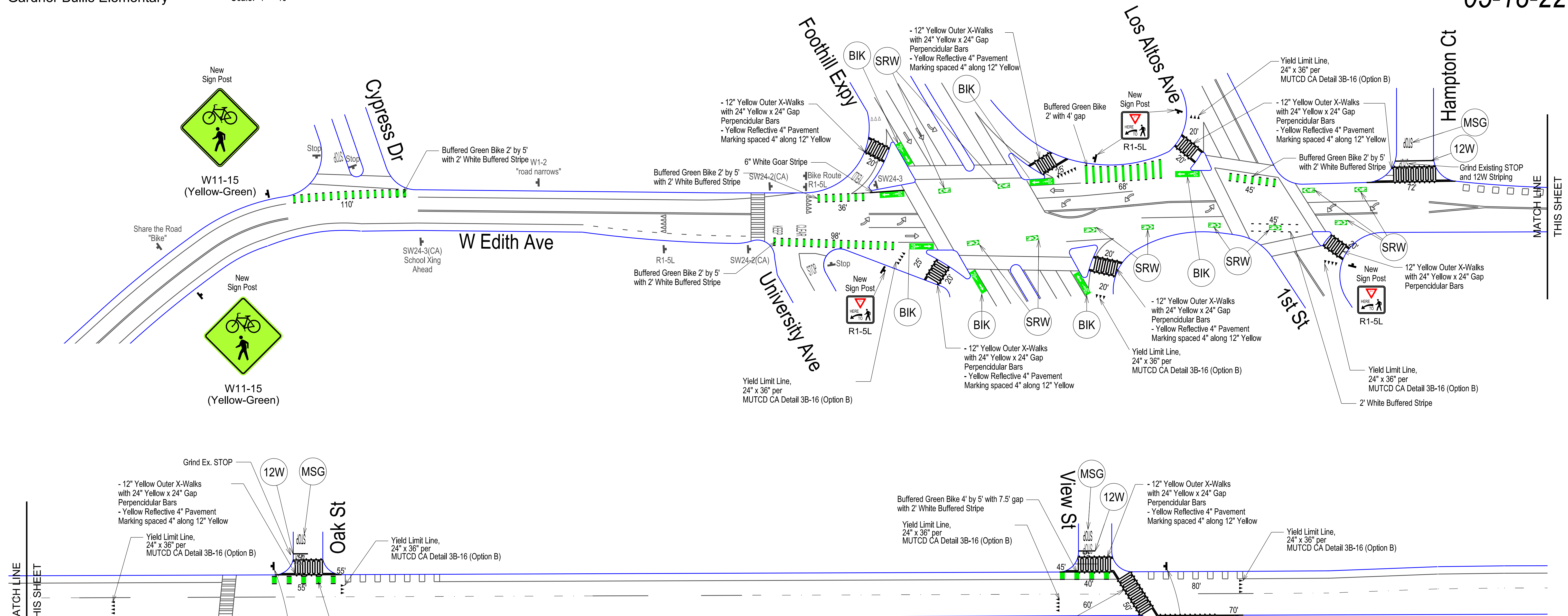
City of Los Altos  
 2022 Annual Street Resurfacing Project  
 and  
 City Alley Resurfacing Project  
 Site 7  
 Egan Middle School

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-3

Site 2  
Gardner Bullis Elementary



DRAFT 95%  
05-18-22



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DRAWN BY: M. Zuriakat Date: 10-15-21  
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DESIGNED BY: J. Rodriguez Date: 10-15-21

**Revisions**

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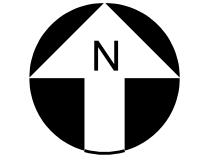
City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 2  
Gardner Bullis Elementary

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_  
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DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: None  
SS-4

**DRAFT 95%**  
**05-18-22**

**Site 3**  
**Loyola Elementary School**

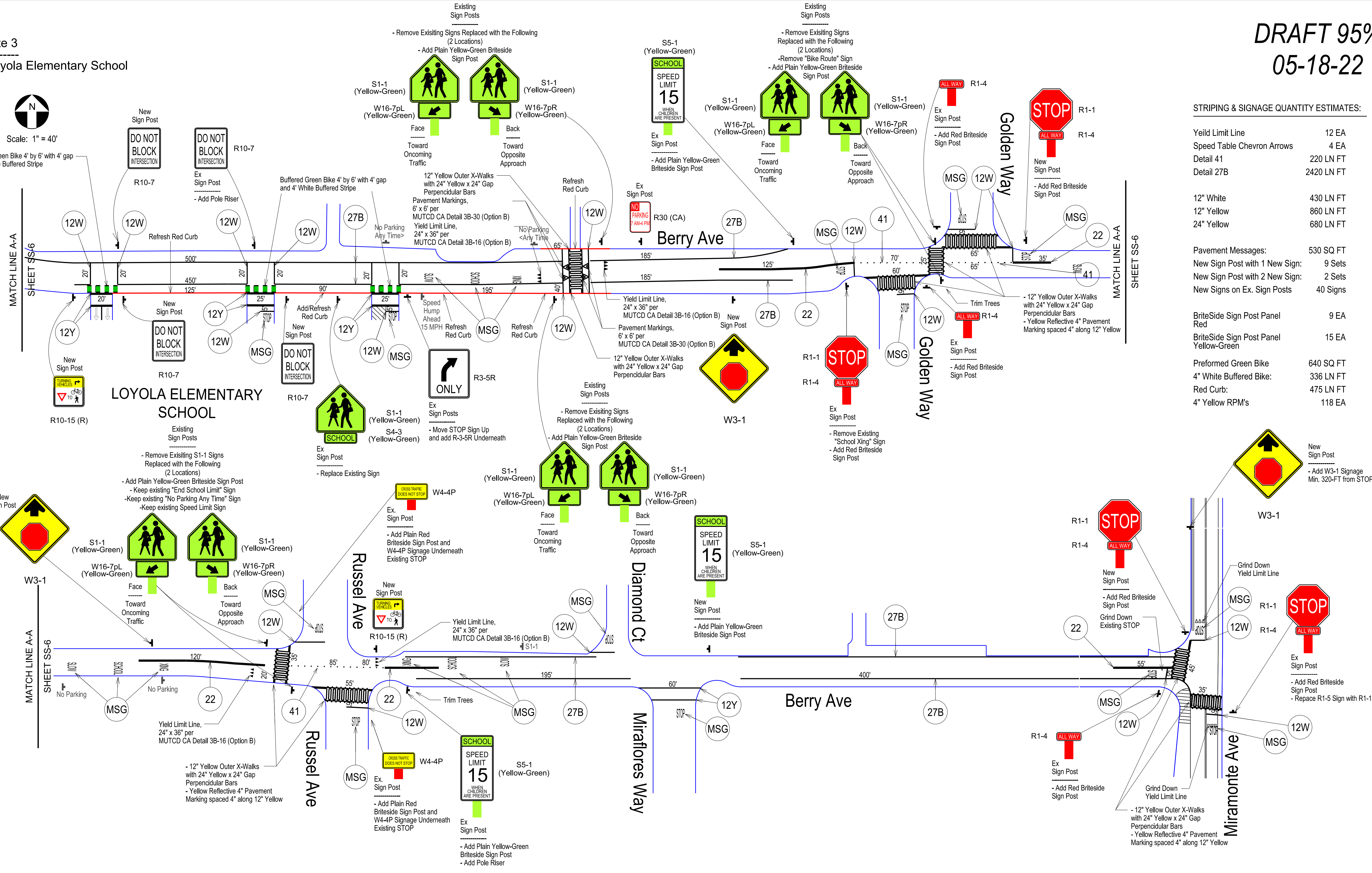


Scale: 1" = 40'

Buffered Green Bike 4' by 6' with 4' gap and 4' White Buffered Stripes

**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	12 EA
Speed Table Chevron Arrows	4 EA
Detail 41	220 LN FT
Detail 27B	2420 LN FT
12" White	430 LN FT
12" Yellow	860 LN FT
24" Yellow	680 LN FT
Pavement Messages:	530 SQ FT
New Sign Post with 1 New Sign:	9 Sets
New Sign Post with 2 New Sign:	2 Sets
New Signs on Ex. Sign Posts	40 Signs
BriteSide Sign Post Panel Red	9 EA
BriteSide Sign Post Panel Yellow-Green	15 EA
Preformed Green Bike	640 SQ FT
4" White Buffered Bike:	336 LN FT
Red Curb:	475 LN FT
4" Yellow RPM's	118 EA



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**JAMIE O. RODRIGUEZ**  
TR2284  
Exp: 6-30-22  
REGISTERED PROFESSIONAL ENGINEER  
TRAFFIC  
STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	Date:
Designer:	Date:
Public Works Inspector:	Date:

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**City of Los Altos**  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 3  
Loyola Elementary School

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DATE: \_\_\_\_\_

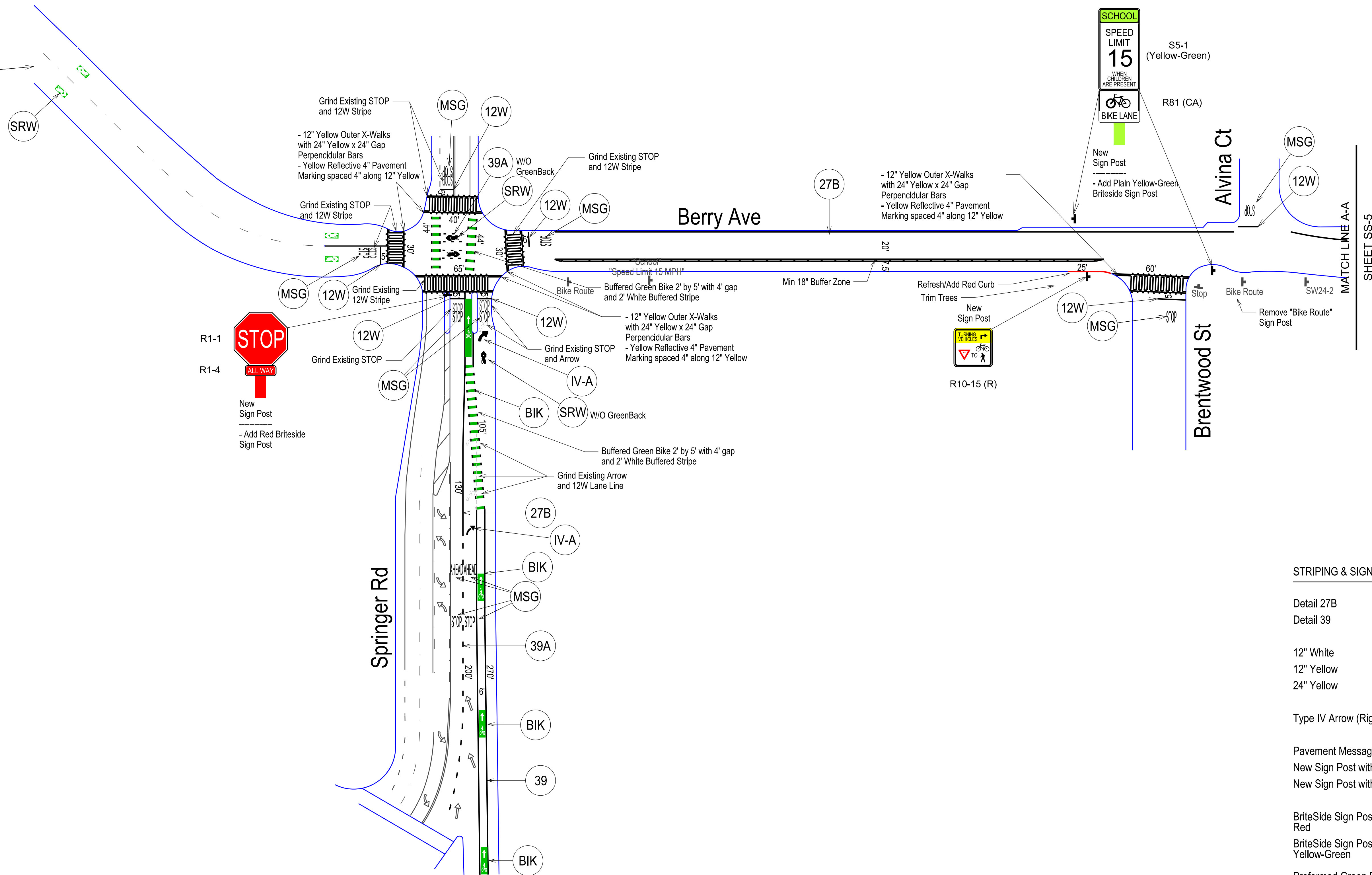
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DATE: \_\_\_\_\_

**PROJECT NO.** \_\_\_\_\_  
**DRAWING NO.** \_\_\_\_\_  
**E.P. NO.** \_\_\_\_\_  
**SCALE** None  
**SS-5**

Site 3  
Loyola Elementary School

DRAFT 95%  
05-18-22

Add 4 Sharrow Equally Spaced in Both Directions  
on Berry Ave between  
Springer Ave and Riverside Dr (8 Total)



STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 27B	630 LN FT
Detail 39	535 LN FT
12" White	115 LN FT
12" Yellow	330 LN FT
24" Yellow	330 LN FT
Type IV Arrow (Right)	2 EA
Pavement Messages:	260 SQ FT
New Sign Post with 1 New Sign:	1 Sets
New Sign Post with 2 New Sign:	3 Sets
BriteSide Sign Post Panel Red	1 EA
BriteSide Sign Post Panel Yellow-Green	1 EA
Performed Green Bike	480 SQ FT
2" White Buffered Bike:	400 LN FT
Performed Greenback Sharrow	8 EA
Performed Sharrow w/o Greeback	2 EA
Greenback Bike Lane Stencil w/ Arrow	4 EA
Grinding:	210 SQ FT
4" Yellow RPM's	70 EA

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**Record Drawings**

Project Engineer:	_____	Date:	_____
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Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

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DRAWN BY: M. Zurikaki Date: 05-03-22  
CHECKED BY: City of Los Altos Date: 05-03-22  
DESIGNED BY: J. Rodriguez Date: 05-03-22

**Revisions**

NO.	DESCRIPTION	DATE

City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 12  
Grant Rd

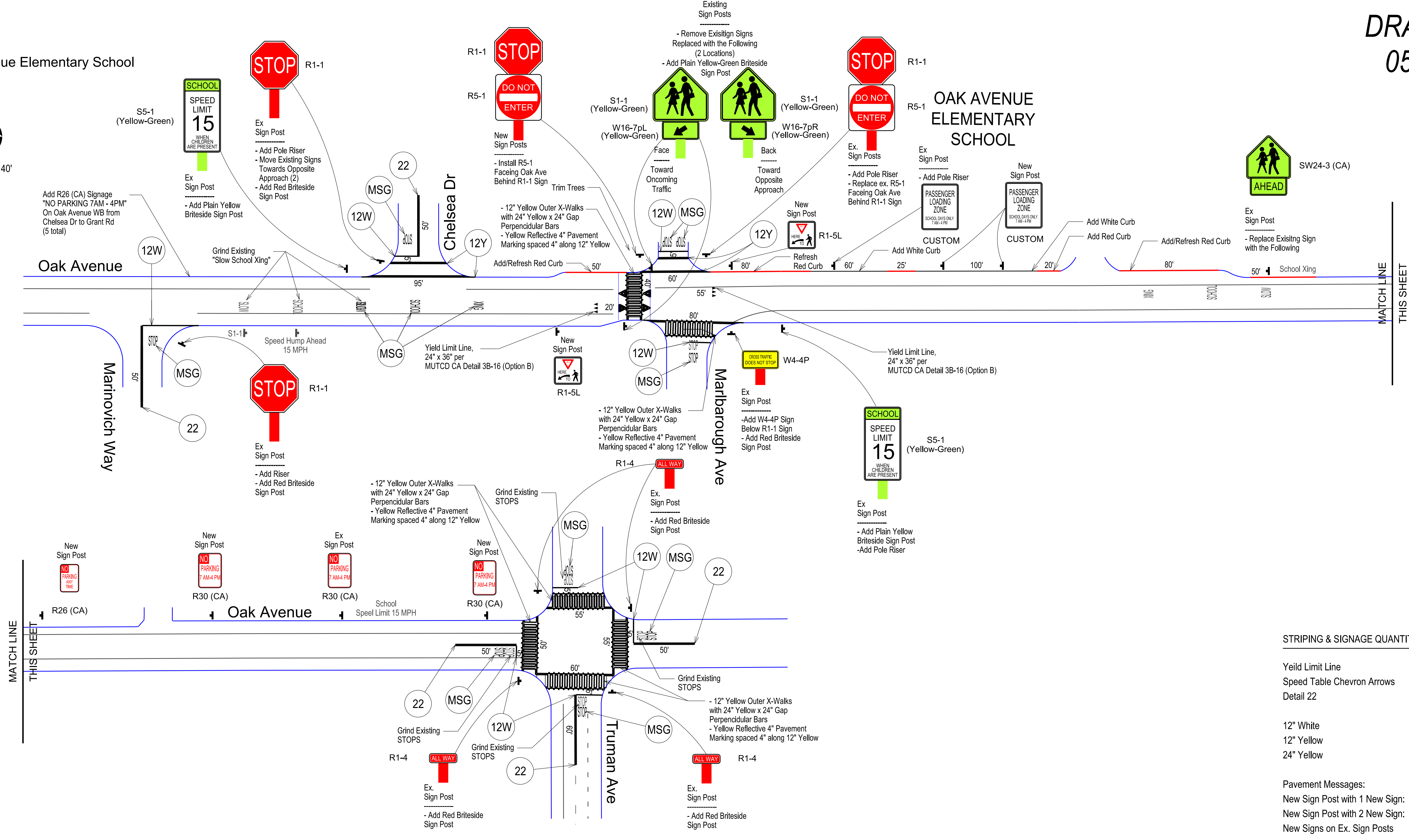
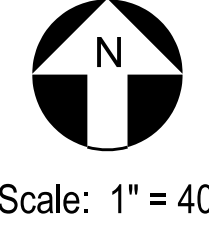
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DATE: \_\_\_\_\_

APPROVED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE None  
SS-6

**DRAFT 95%**  
**05-18-22**

**Site 4**  
**Oak Avenue Elementary School**



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	6 EA
Speed Table Chevron Arrows	4 EA
Detail 22	260 LN FT
12" White	200 LN FT
12" Yellow	990 LN FT
24" Yellow	640 SQ FT
Pavement Messages:	277 SQ FT
New Sign Post with 1 New Sign:	7 Sets
New Sign Post with 2 New Sign:	1 Sets
New Signs on Ex. Sign Posts	23 Signs
BriteSide Sign Post Panel Red	9 EA
BriteSide Sign Post Panel Yellow-Green	6 EA
Red Curb:	255 LN FT
White Curb:	160 LN FT
Grinding:	167 SQ FT
4" Yellow RPM's	118 EA

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**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	10-15-21
2	Draft Submittal No. 2	01-27-22
3	Draft Submittal No. 3	05-03-22
4	Draft Submittal No. 4	05-10-22

**Revisions**

NO.	DESCRIPTION	DATE

DRAWN BY: M. Zurikaki Date: 10-15-21  
CHECKED BY: City of Los Altos Date: 10-15-21  
DESIGNED BY: J. Rodriguez Date: 10-15-21

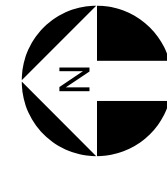
City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 4  
Oak Avenue Elementary School

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
APPROVED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

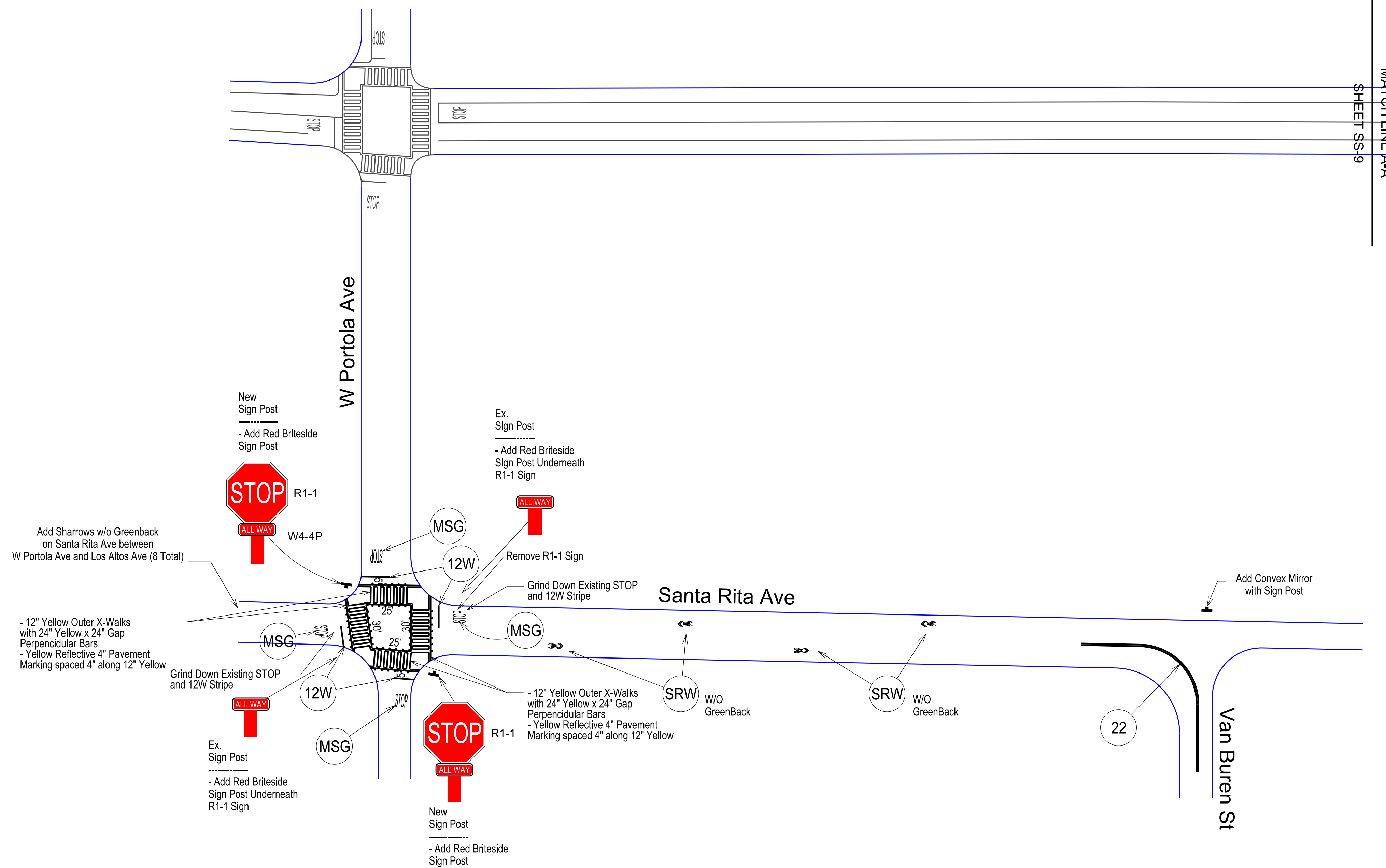
PROJECT NO.	
DRAWING NO.	
E.P. NO.	
SCALE	None
	SS-7

Site 5  
Santa Rita Elementary School

DRAFT 95%  
05-18-22



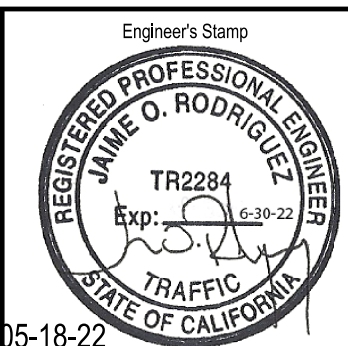
Scale: 1" = 40'



STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 22	131 LN FT
12" White	60 LN FT
12" Yellow	220 LN FT
24" Yellow	270 LN FT
Pavement Messages:	88 SQ FT
New Sign Post with 2 New Sign:	2 Sets
New Signs on Ex. Sign Posts	2 Signs
Convex Mirror on New Sign Posts	1 Sets
BriteSide Sign Post Panel Red	4 EA
Bike Sharrow	12 EA
4" Yellow RPM's	54 EA

**Traffic Patterns**  
P.O. Box 25  
Danville, CA 94526  
O: (408) 916-8141  
www.trafficpatterns.net  
info@trafficpatterns.net



**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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**Revisions**

NO.	DESCRIPTION	DATE

**City of Los Altos**  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 5  
Santa Rita Elementary School

**RECOMMENDED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT NO.	
DRAWING NO.	
E.P. NO.	
SCALE	None
	SS-8

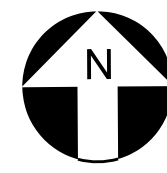




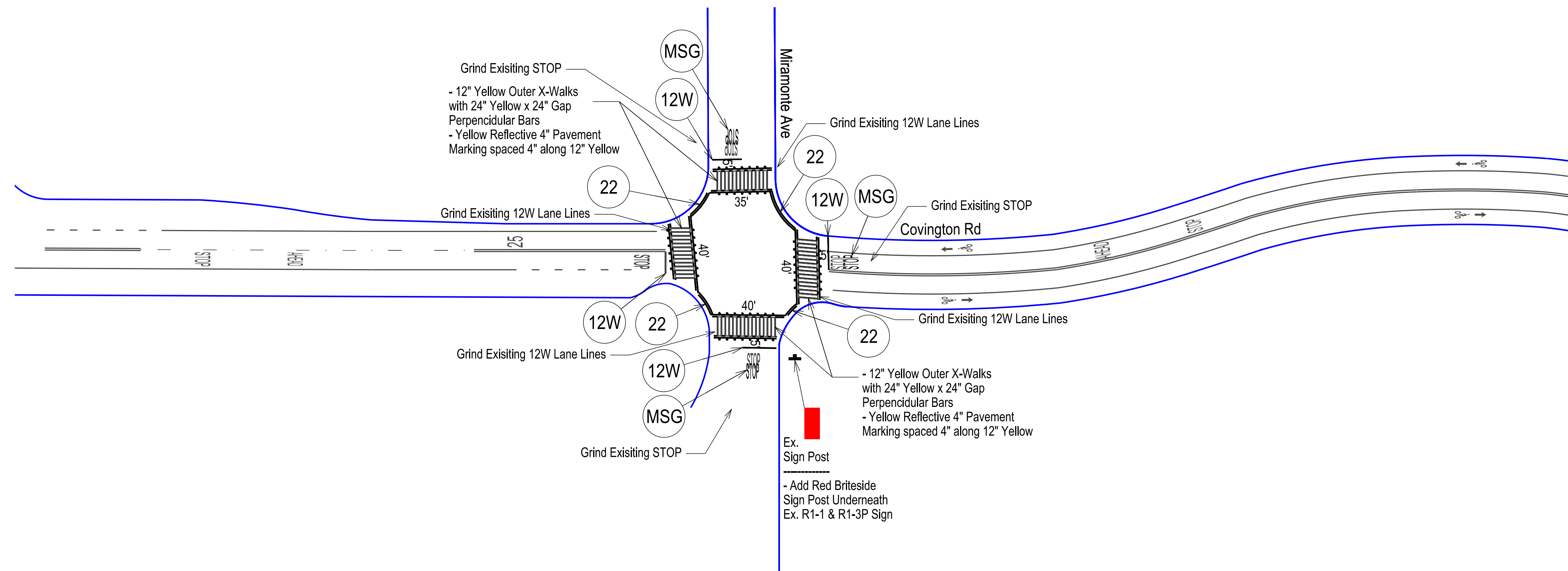


Site 6  
Black Intermeditate School

**DRAFT 95%**  
**05-18-22**



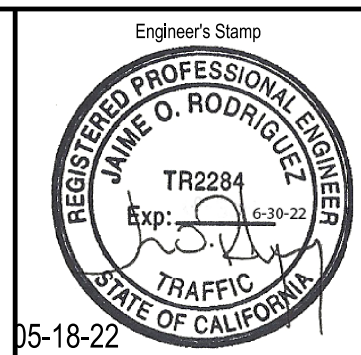
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**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Detail 22	70 LN FT
12" White	50 LN FT
12" Yellow	310 LN FT
24" Yellow	310 LN FT
Pavement Messages:	72 SQ FT
BriteSide Sign Post Panel	1 EA
Red	
Grinding:	382 SQ FT
4" Yellow RPM's	65 EA

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**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	05-03-22
2	Draft Submittal No. 2	05-10-22

**Revisions**

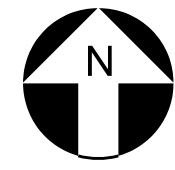
NO.	DESCRIPTION	DATE

DRAWN BY: M. Zuriakal	Date: 05-03-22
CHECKED BY: City of Los Altos	Date: 05-03-22
DESIGNED BY: J. Rodriguez	Date: 05-03-22

City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 7  
Egan Middle School

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-11

Site 7  
Egan Middle School

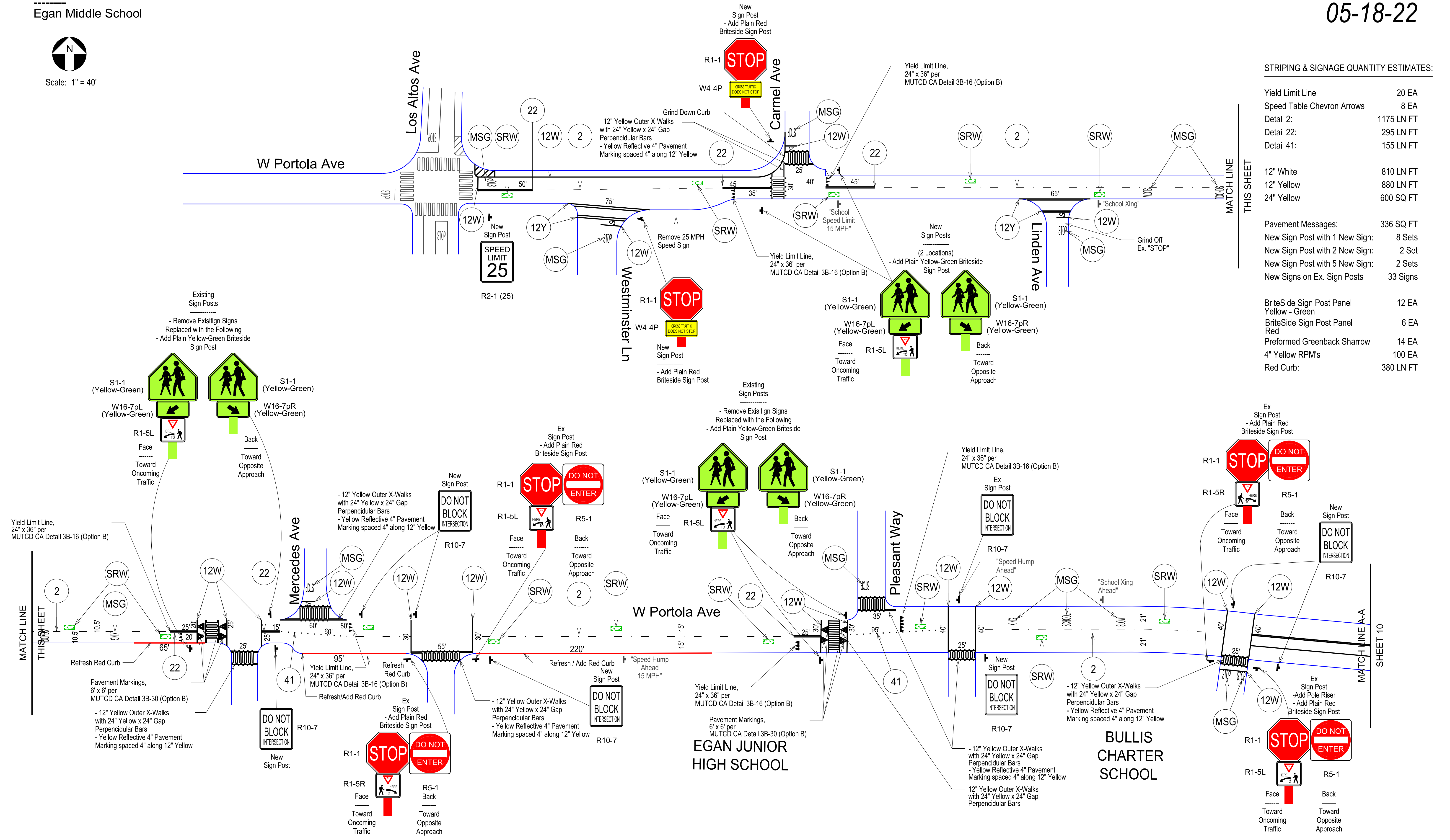


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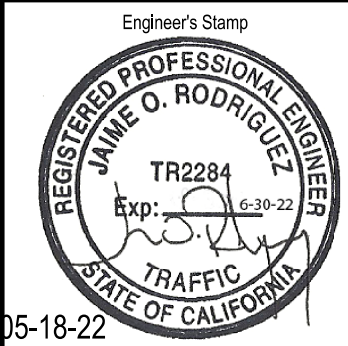
**DRAFT 95%**  
**05-18-22**

STRIPING & SIGNAGE QUANTITY ESTIMATES:

Yield Limit Line	20 EA
Speed Table Chevron Arrows	8 EA
Detail 2:	1175 LN FT
Detail 22:	295 LN FT
Detail 41:	155 LN FT
12" White	810 LN FT
12" Yellow	880 LN FT
24" Yellow	600 SQ FT
Pavement Messages:	336 SQ FT
New Sign Post with 1 New Sign:	8 Sets
New Sign Post with 2 New Sign:	2 Set
New Sign Post with 5 New Sign:	2 Sets
New Signs on Ex. Sign Posts	33 Signs
BriteSide Sign Post Panel Yellow - Green	12 EA
BriteSide Sign Post Panel Red	6 EA
Preformed Greenback Sharrow	14 EA
4" Yellow RPM's	100 EA
Red Curb:	380 LN FT



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**Record Drawings**

Project Engineer:	Date:
Designer:	Date:
Public Works Inspector:	Date:

Public Improvements Initially Accepted by the City Council on:

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**Revisions**

NO.	DESCRIPTION	DATE

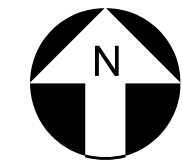
**City of Los Altos**  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 7  
Egan Middle School

**RECOMMENDED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: None  
SS-12

Site 7  
Egan Middle School

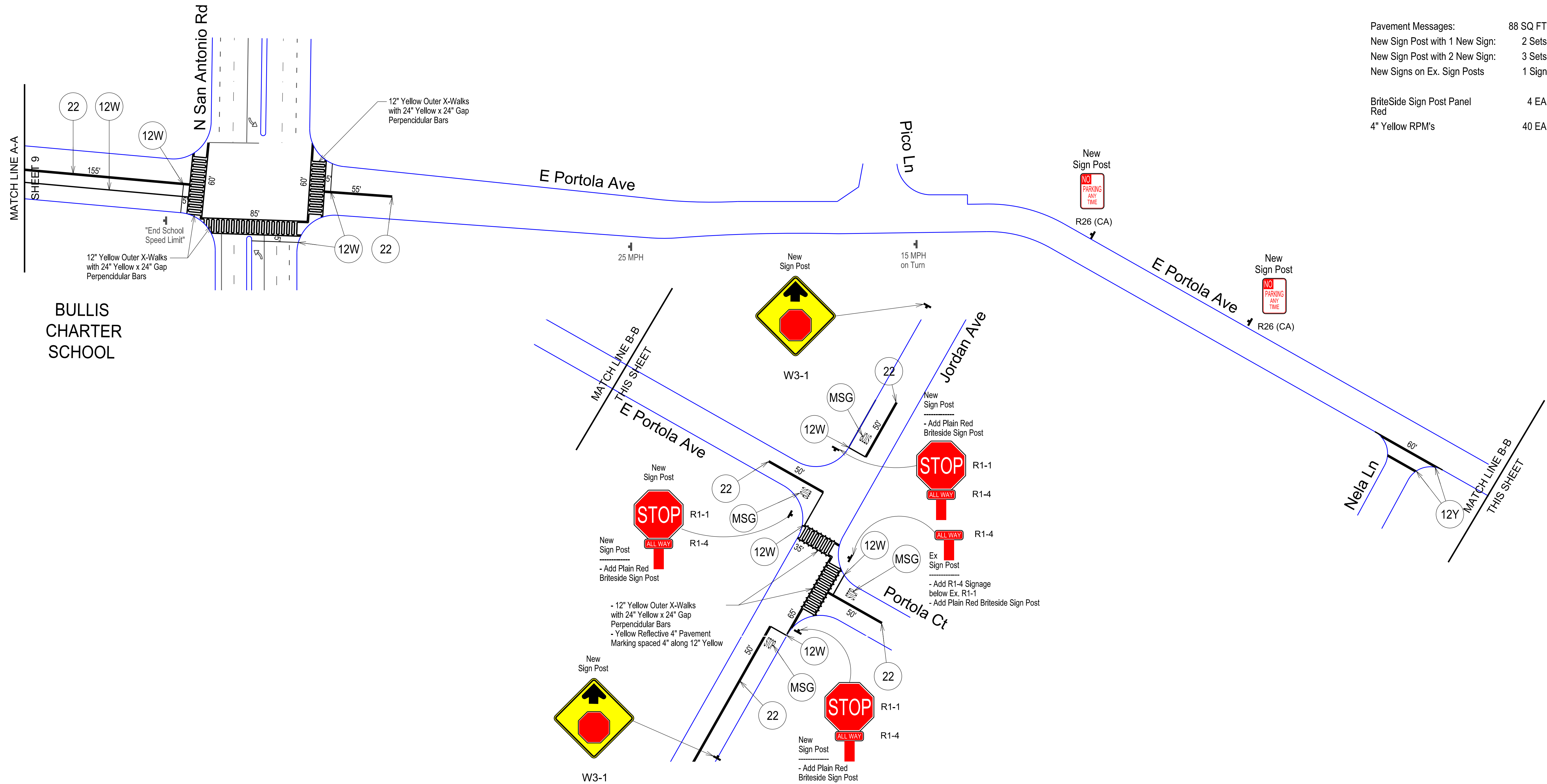


Scale: 1" = 40'

**DRAFT 95%**  
**05-18-22**

**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Detail 22:	210 LN FT
12" White	160 LN FT
12" Yellow	610 LN FT
24" Yellow	600 LN FT
Pavement Messages:	88 SQ FT
New Sign Post with 1 New Sign:	2 Sets
New Sign Post with 2 New Sign:	3 Sets
New Signs on Ex. Sign Posts	1 Sign
BriteSide Sign Post Panel	4 EA
Red	
4" Yellow RPM's	40 EA



**BULLIS  
CHARTER  
SCHOOL**

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info@trafficpatterns.net

Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
REGISTERED PROFESSIONAL ENGINEER  
TR2284  
Exp: 6-30-22  
TRAFFIC  
STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

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**Revisions**

NO.	DESCRIPTION	DATE

**City of Los Altos**  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 7  
Egan Middle School

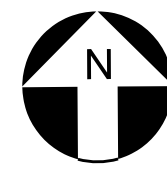
**RECOMMENDED FOR BIDDING BY:** \_\_\_\_\_  
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**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

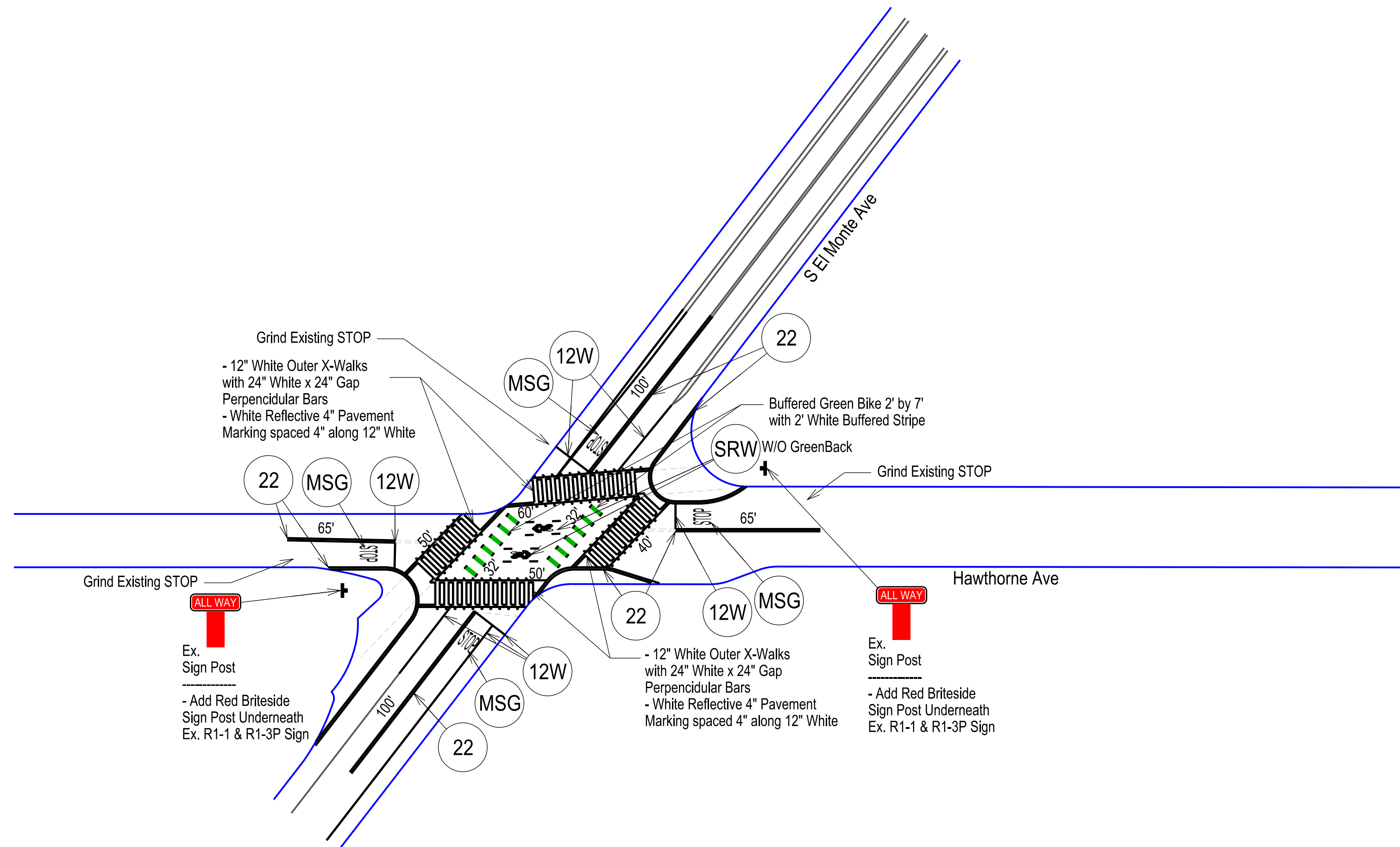
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DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: **None**  
SS-13

Site 8  
Hawthron Ave and S El Monte Ave

DRAFT 95%  
05-18-22



Scale: 1" = 40'



STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 22	600 LN FT
12" White	600 LN FT
24" White	420 LN FT
Pavement Messages:	96 SQ FT
New Signs on Ex. Sign Posts	2 Signs
BriteSide Sign Post Panel	2 EA
Red	
Performed Green Bike	120 SQ FT
2" White Buffered Bike:	124 LN FT
Performed Sharrow	2 EA
Grinding:	96 SQ FT
4" White RPM's	85 EA

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Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
REGISTERED PROFESSIONAL ENGINEER  
TRAFFIC  
STATE OF CALIFORNIA  
TR2284  
Exp: 6-30-22

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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**Revisions**

NO.	DESCRIPTION	DATE

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CHECKED BY: City of Los Altos Date: 05-03-22  
DESIGNED BY: J. Rodriguez Date: 05-03-22

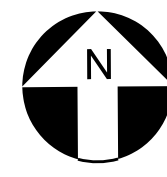
City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 8  
Hawthorn Ave & El Monte Ave

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
APPROVED FOR BIDDING BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

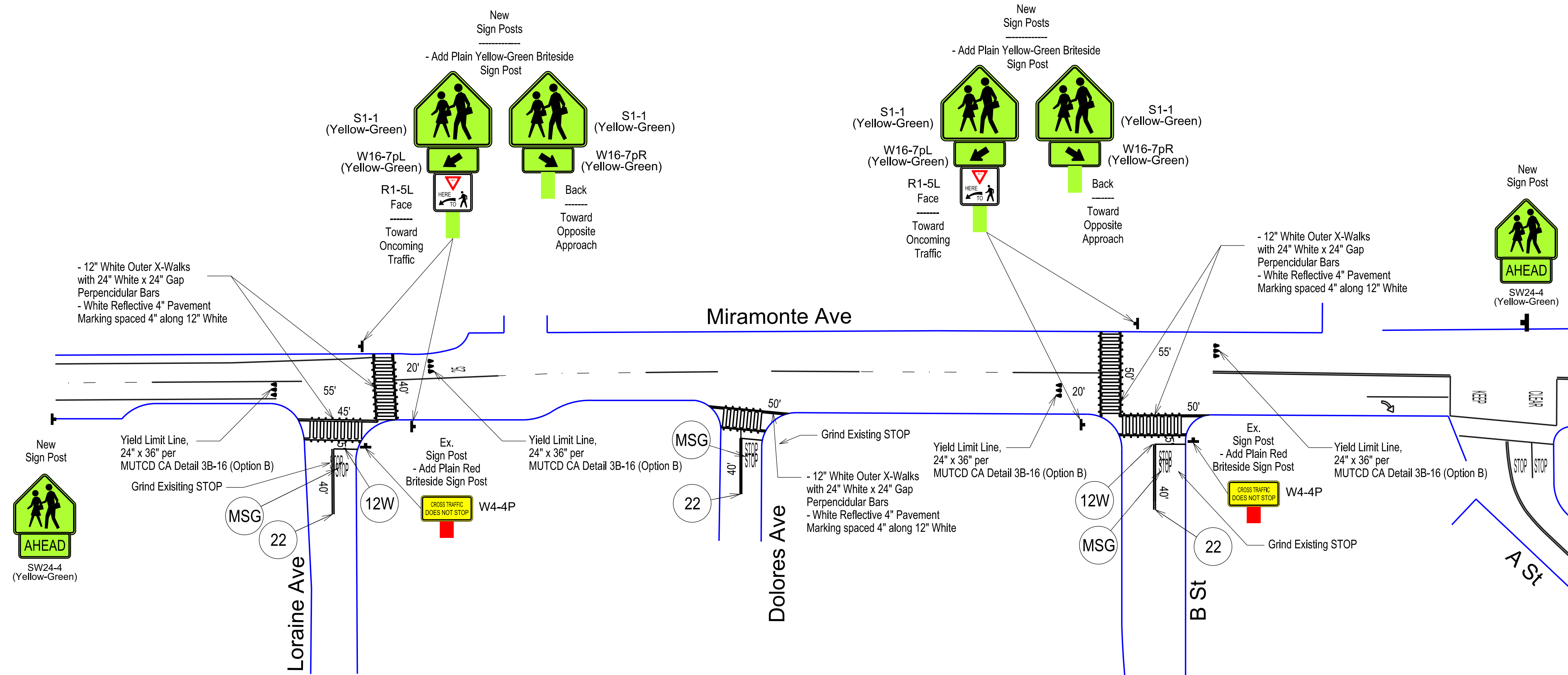
PROJECT NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
E.P. NO. \_\_\_\_\_  
SCALE: None  
SS-14

Site 9  
Miramonte Ave

**DRAFT 95%**  
**05-18-22**



Scale: 1" = 40'



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	12 EA
Detail 22:	120 LN FT
12" White	120 LN FT
12" Yellow	300 LN FT
24" Yellow	450 LN FT
Pavement Messages:	72 SQ FT
New Sign Post with 1 New Sign:	2 Sets
New Sign Post with 5 New Sign:	4 Sets
New Signs on Ex. Sign Posts	2 Signs
BriteSide Sign Post Panel Yellow - Green	8 EA
BriteSide Sign Post Panel Red	2 EA
Grinding:	72 SQ FT
4" Yellow RPM's	100 EA

**Traffic Patterns**  
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info@trafficpatterns.net

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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**Revisions**

NO.	DESCRIPTION	DATE

**City of Los Altos**  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 9  
Miramonte Ave

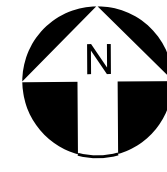
**RECOMMENDED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
DATE: \_\_\_\_\_

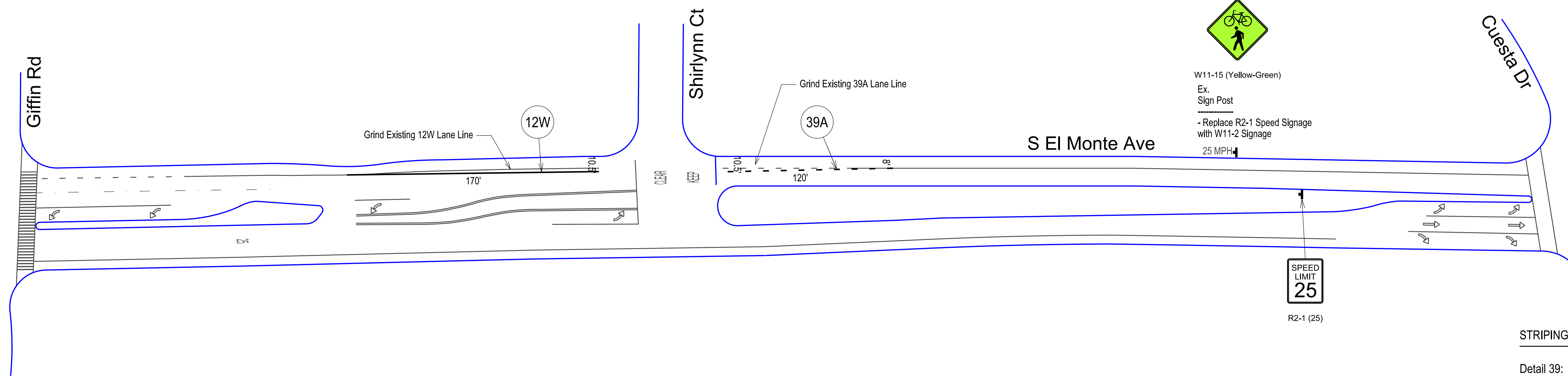
PROJECT NO.	
DRAWING NO.	
E.P. NO.	
SCALE	None
	SS-15

Site 10  
 El Monte Ave and Shirlynn Ct

**DRAFT 95%**  
**05-18-22**



Scale: 1" = 40'



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Detail 39:	120 LN FT
12" White	170 LN FT
New Sign Post with 1 New Sign:	1 Sets
New Signs on Ex. Sign Posts	1 Signs
Grinding:	290 SQ FT

**Traffic Patterns**  
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Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
 REGISTERED PROFESSIONAL ENGINEER  
 TR2284  
 Exp: 6-30-22  
 STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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DRAWN BY: M. Zurikak	Date: 05-03-22
CHECKED BY: City of Los Altos	Date: 05-03-22
DESIGNED BY: J. Rodriguez	Date: 05-03-22

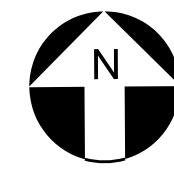
City of Los Altos  
 2022 Annual Street Resurfacing Project  
 and  
 City Alley Resurfacing Project  
 Site 10  
 El Monte Ave and Shirlynn Ct

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-16

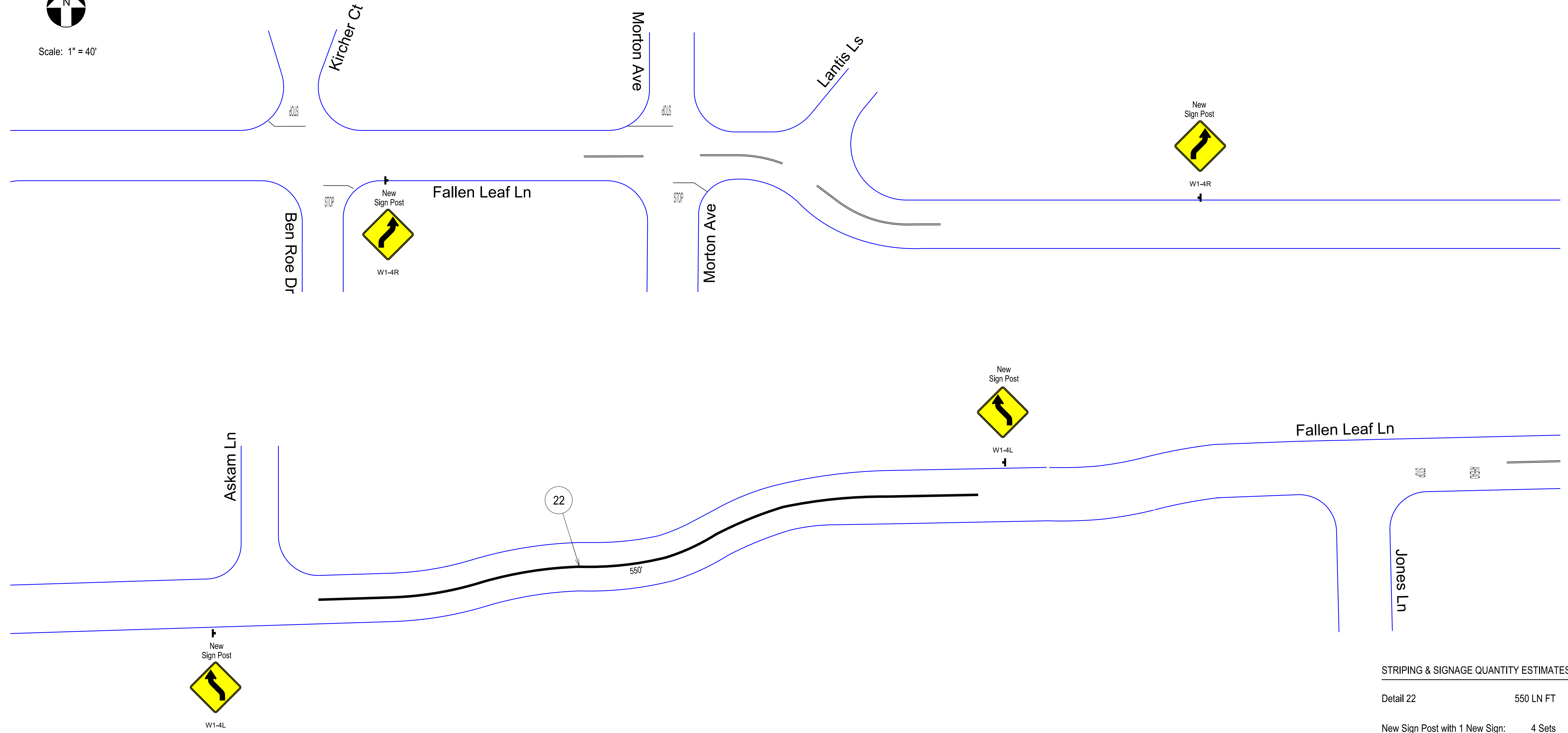


Site 11  
Fallen Leaf Ln

**DRAFT 95%**  
**05-18-22**



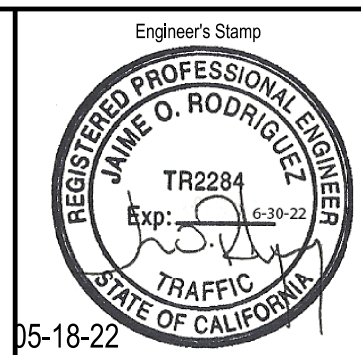
Scale: 1" = 40'



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Detail 22	550 LN FT
New Sign Post with 1 New Sign:	4 Sets

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**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

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**Revisions**

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CHECKED BY:	City of Los Altos	Date:	05-03-22
DESIGNED BY:	J. Rodriguez	Date:	05-03-22

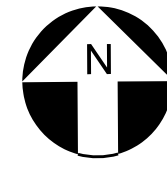
NO.	DESCRIPTION	DATE

City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 11  
Fallen Leaf Ln

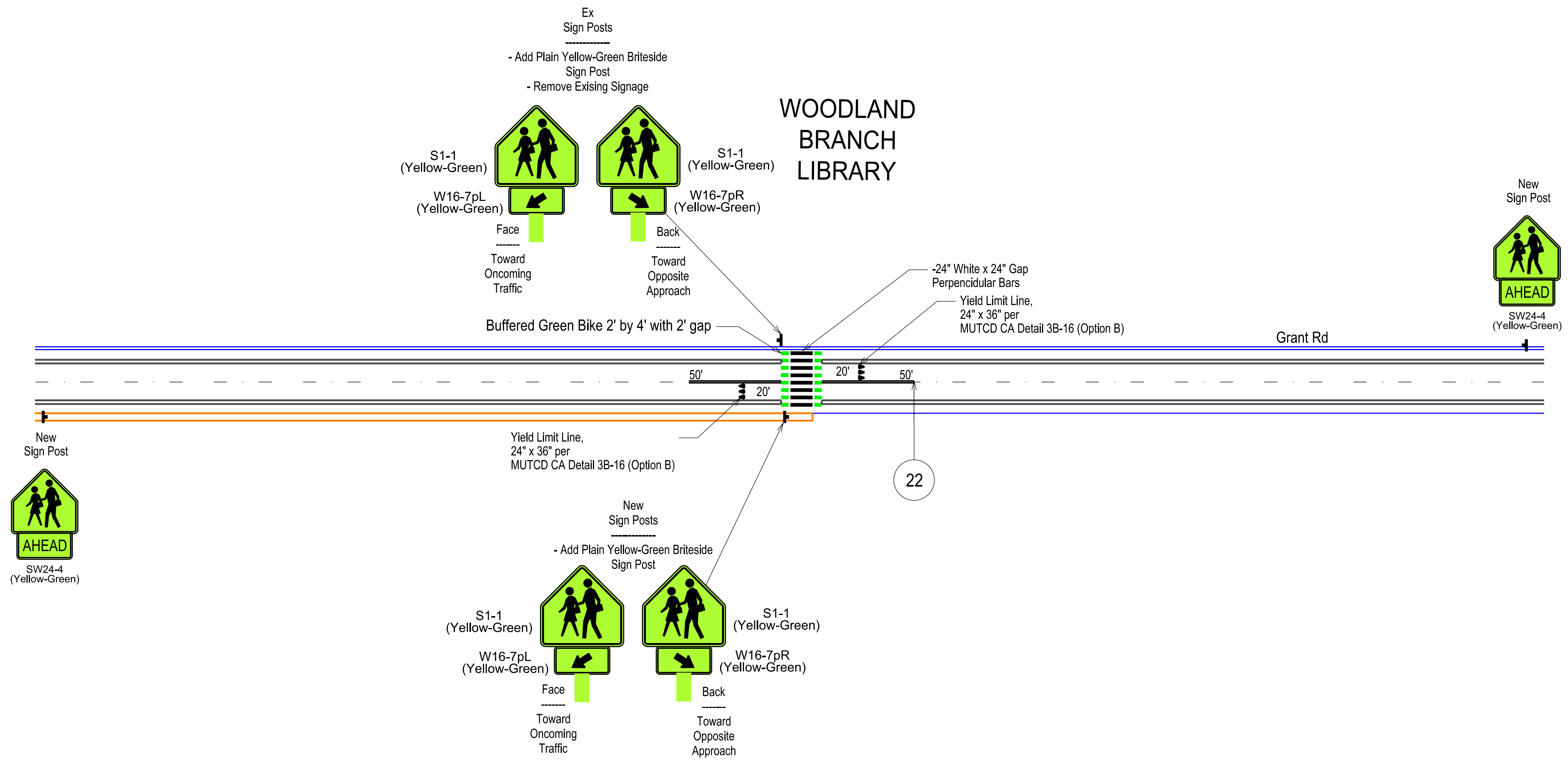
RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-17

Site 12  
Grant Rd

DRAFT 95%  
05-18-22



Scale: 1" = 40'



STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 22	100 LN FT
24" White	192 LN FT
Pavement Messages:	96 SQ FT
New Sign Post with 1 New Sign:	2 Sets
New Sign Post with 4 New Sign:	2 Sets
New Signs on Ex. Sign Posts	4 Signs
BriteSide Sign Post Panel Yellow-Green	2 EA
Performed Green Bike	128 SQ FT

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Engineer's Stamp  
**JAMIE O. RODRIGUEZ**  
REGISTERED PROFESSIONAL ENGINEER  
TRAFFIC  
STATE OF CALIFORNIA  
TR2284  
Exp: 6-30-22

**Record Drawings**

Project Engineer:	_____	Date:	_____
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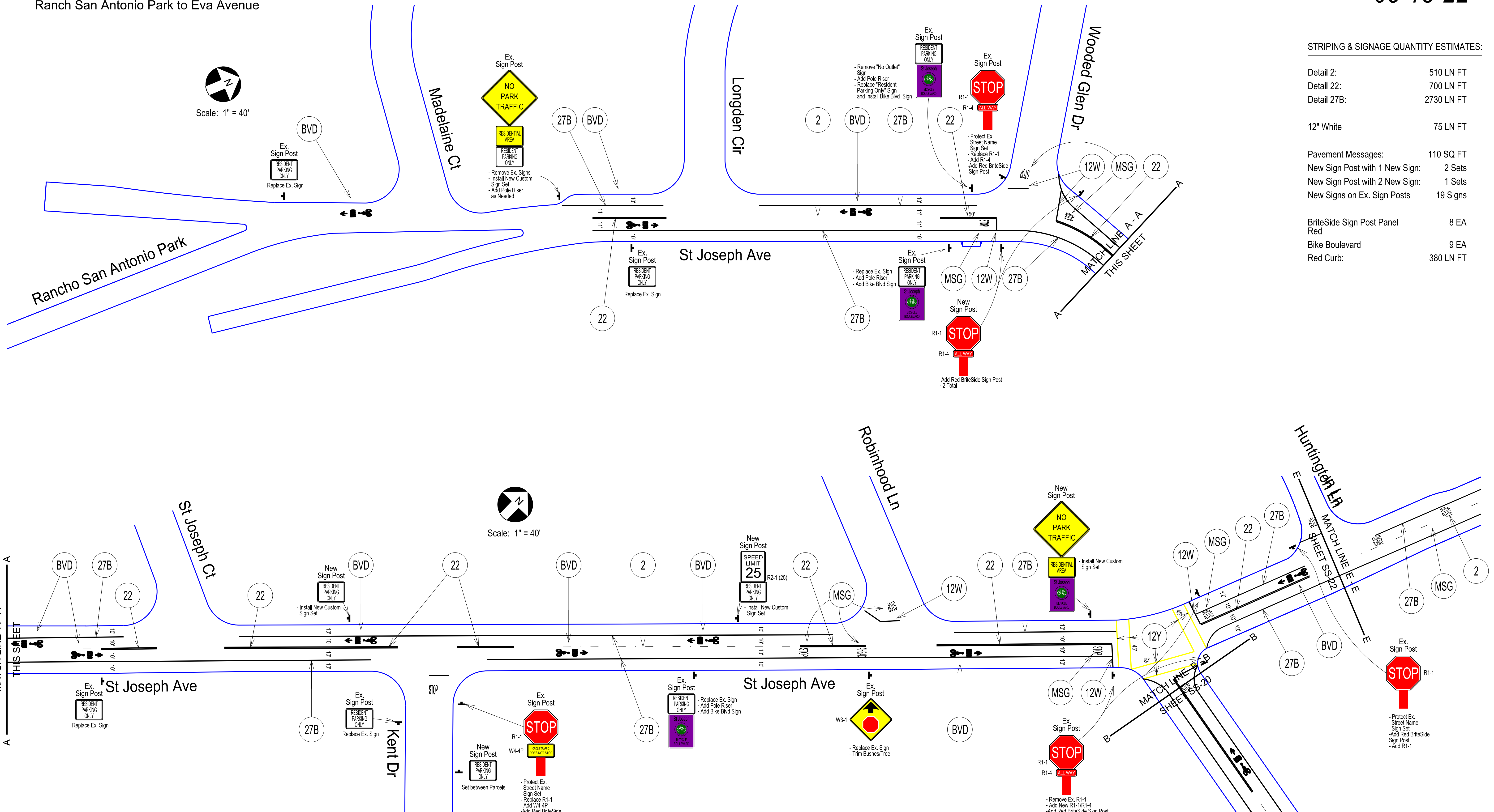
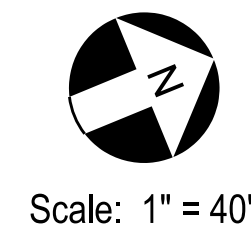
DRAWN BY: M. Zuriakal	Date: 05-03-22
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DESIGNED BY: J. Rodriguez	Date: 05-03-22

City of Los Altos  
2022 Annual Street Resurfacing Project  
and  
City Alley Resurfacing Project  
Site 12  
Grant Rd

RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-18

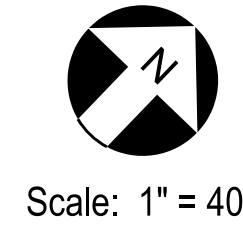
Site 13  
 St Joseph Avenue  
 Signage & Striping Plan  
 Ranch San Antonio Park to Eva Avenue

**DRAFT 95%**  
 05-18-22



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Detail 2:	510 LN FT
Detail 22:	700 LN FT
Detail 27B:	2730 LN FT
12" White:	75 LN FT
Pavement Messages:	110 SQ FT
New Sign Post with 1 New Sign:	2 Sets
New Sign Post with 2 New Sign:	1 Sets
New Signs on Ex. Sign Posts:	19 Signs
BriteSide Sign Post Panel Red:	8 EA
Bike Boulevard:	9 EA
Red Curb:	380 LN FT



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 STATE OF CALIFORNIA

**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	5-3-22
2	Draft Submittal No. 2	5-10-22

DRAWN BY: J. Rodriguez Date: 5-3-22  
 CHECKED BY: City of Los Altos Date: 5-3-22  
 DESIGNED BY: J. Rodriguez Date: 5-3-22

**Revisions**

NO.	DESCRIPTION	DATE

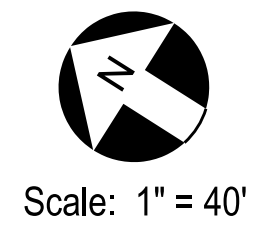
City of Los Altos  
 2022 Annual Street Resurfacing Project  
 and  
 City Alley Resurfacing Project  
 Site 13  
 St Joseph Avenue / Eva Avenue  
 Signage & Striping

RECOMMENDED FOR BIDDING BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

APPROVED FOR BIDDING BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 E.P. NO. \_\_\_\_\_  
 SCALE: 1" = 40'  
 SS-19

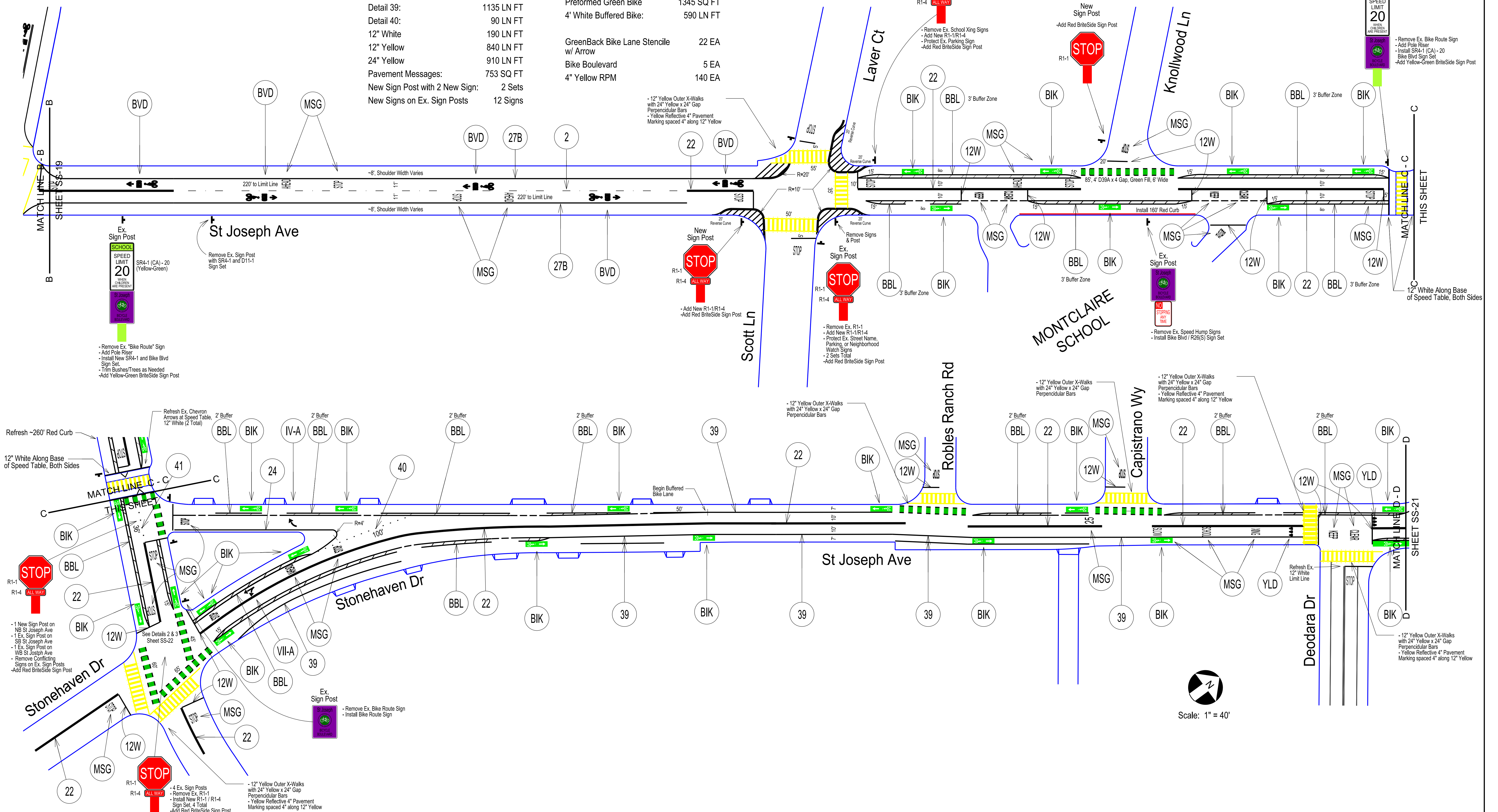
Site 13  
**St Joseph Avenue  
 Signage & Striping Plan**  
 Eva Avenue to Deodora Avenue



**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	6 EA	BriteSide Sign Post Panel Red	10 EA
Detail 2:	465 LN FT	BriteSide Sign Post Panel Yellow-Green	2 EA
Detail 22:	1466 LN FT	Preformed Green Bike	1345 SQ FT
Detail 27B:	1230 LN FT	4' White Buffered Bike:	590 LN FT
Detail 39:	1135 LN FT	GreenBack Bike Lane Stencil w/ Arrow	22 EA
Detail 40:	90 LN FT	Bike Boulevard	5 EA
12" White	190 LN FT	4" Yellow RPM	140 EA
12" Yellow	840 LN FT		
24" Yellow	910 LN FT		
Pavement Messages:	753 SQ FT		
New Sign Post with 2 New Sign:	2 Sets		
New Signs on Ex. Sign Posts	12 Signs		

**DRAFT 95%**  
**05-18-22**



**Traffic Patterns**  
 P.O. Box 25  
 Danville, CA 94526  
 O: (408) 916-8141  
 www.trafficpatterns.net  
 info@trafficpatterns.net

Engineer's Stamp  
**JAMES O. RODRIGUEZ**  
 REGISTERED PROFESSIONAL ENGINEER  
 TR2284  
 Exp: 6-30-22  
 STATE OF CALIFORNIA

**Record Drawings**

Project Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Designer: \_\_\_\_\_ Date: \_\_\_\_\_

Public Works Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

**Submittal Log**

NO.	DESCRIPTION	DATE
1	Draft Submittal No. 1	5-3-22
2	Draft Submittal No. 2	5-10-22

DRAWN BY: J. Rodriguez Date: 5-3-22

CHECKED BY: City of Los Altos Date: 5-3-22

DESIGNED BY: J. Rodriguez Date: 5-3-22

**Revisions**

NO.	DESCRIPTION	DATE

City of Los Altos  
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PROJECT NO. \_\_\_\_\_

DRAWING NO. \_\_\_\_\_

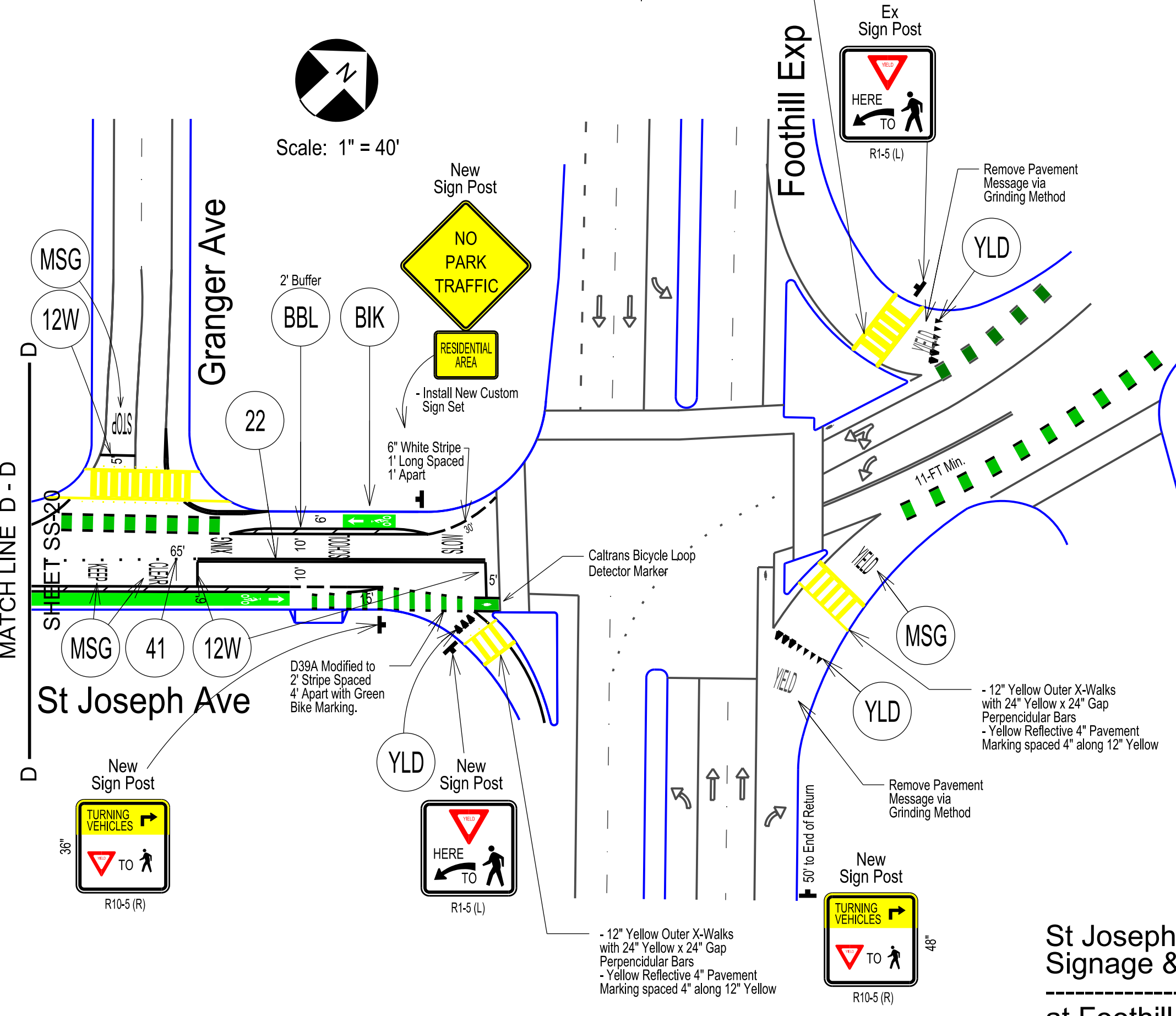
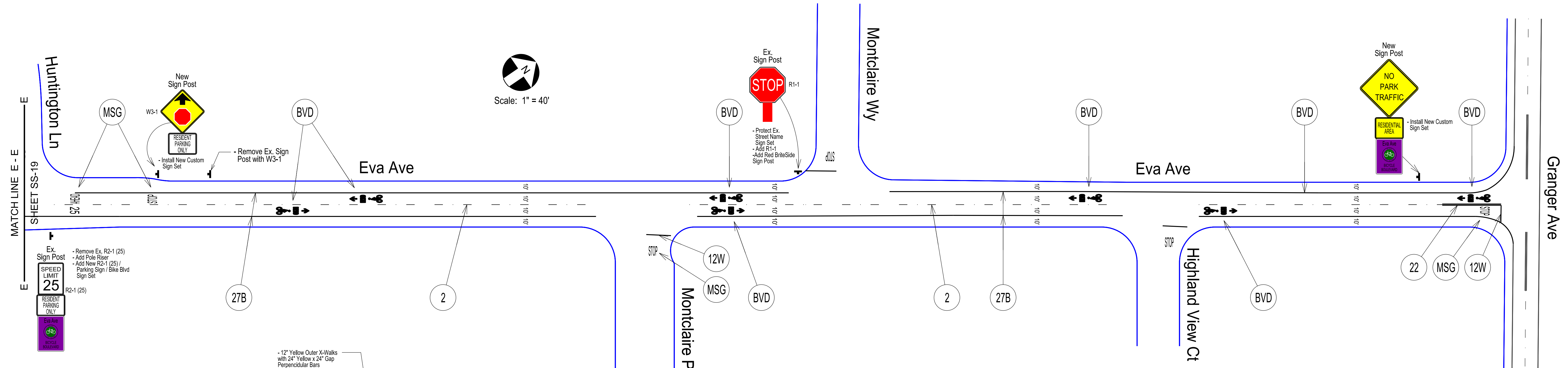
E.P. NO. \_\_\_\_\_

SCALE 1" = 40'

SS-20

Site 13  
 Eva Avenue  
 Signage & Striping Plan  
 St Joseph Avenue to Granger Avenue

**DRAFT 95%**  
 05-18-22



**St Joseph Avenue-Grant Rd  
 Signage & Striping Plan  
 at Foothill Expressway**

**STRIPING & SIGNAGE QUANTITY ESTIMATES:**

Yield Limit Line	15 EA
Detail 2:	1020 LN FT
Detail 22:	160 LN FT
Detail 27B:	1855 LN FT
12" White	75 LN FT
12" Yellow	270 LN FT
24" Yellow	240 LN FT
Pavement Messages:	256 SQ FT
New Sign Post with 1 New Sign:	3 Sets
New Sign Post with 2 New Sign:	2 Sets
New Sign Post with 3 New Sign:	1 Sets
New Signs on Ex. Sign Posts	5 Signs
BriteSide Sign Post Panel Red	1 EA
Preformed Green Bike	910 SQ FT
2' White Buffered Bike:	448 LN FT
Bicycle Loop Detector Marker	1 EA
GreenBack Bike Lane Stencil w/ Arrow	3 EA
Bike Boulevard	7 EA
Grinding:	48 SQ FT
4" Yellow RPM	16 EA
BriteSide Sign Post Panel Red	1 EA

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Engineer's Stamp  
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**Record Drawings**

Project Engineer:	Date:
Designer:	Date:
Public Works Inspector:	Date:

Public Improvements Initially Accepted by the City Council on: \_\_\_\_\_

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**Revisions**

NO.	DESCRIPTION	DATE

DRAWN BY: J. Rodriguez Date: 5-3-22  
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**City of Los Altos**  
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 DATE: \_\_\_\_\_

**APPROVED FOR BIDDING BY:** \_\_\_\_\_  
 DATE: \_\_\_\_\_

PROJECT NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 E.P. NO. \_\_\_\_\_  
 SCALE 1" = 40'  
 SS-21

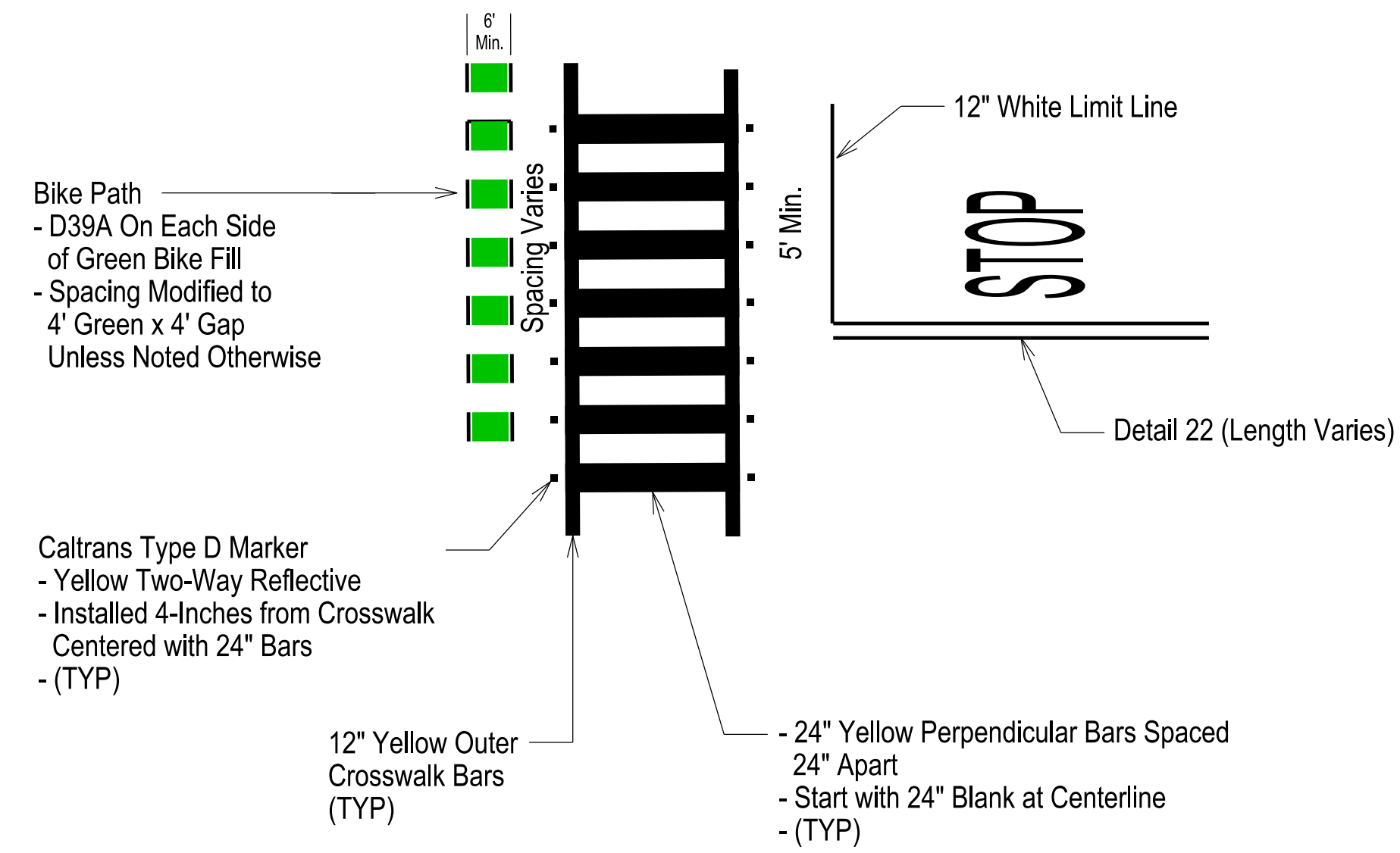
Site 13  
 St Joseph Avenue-Eva Avenue  
 Signage & Striping Plan  
 Details

**DRAFT 95%**  
**05-18-22**

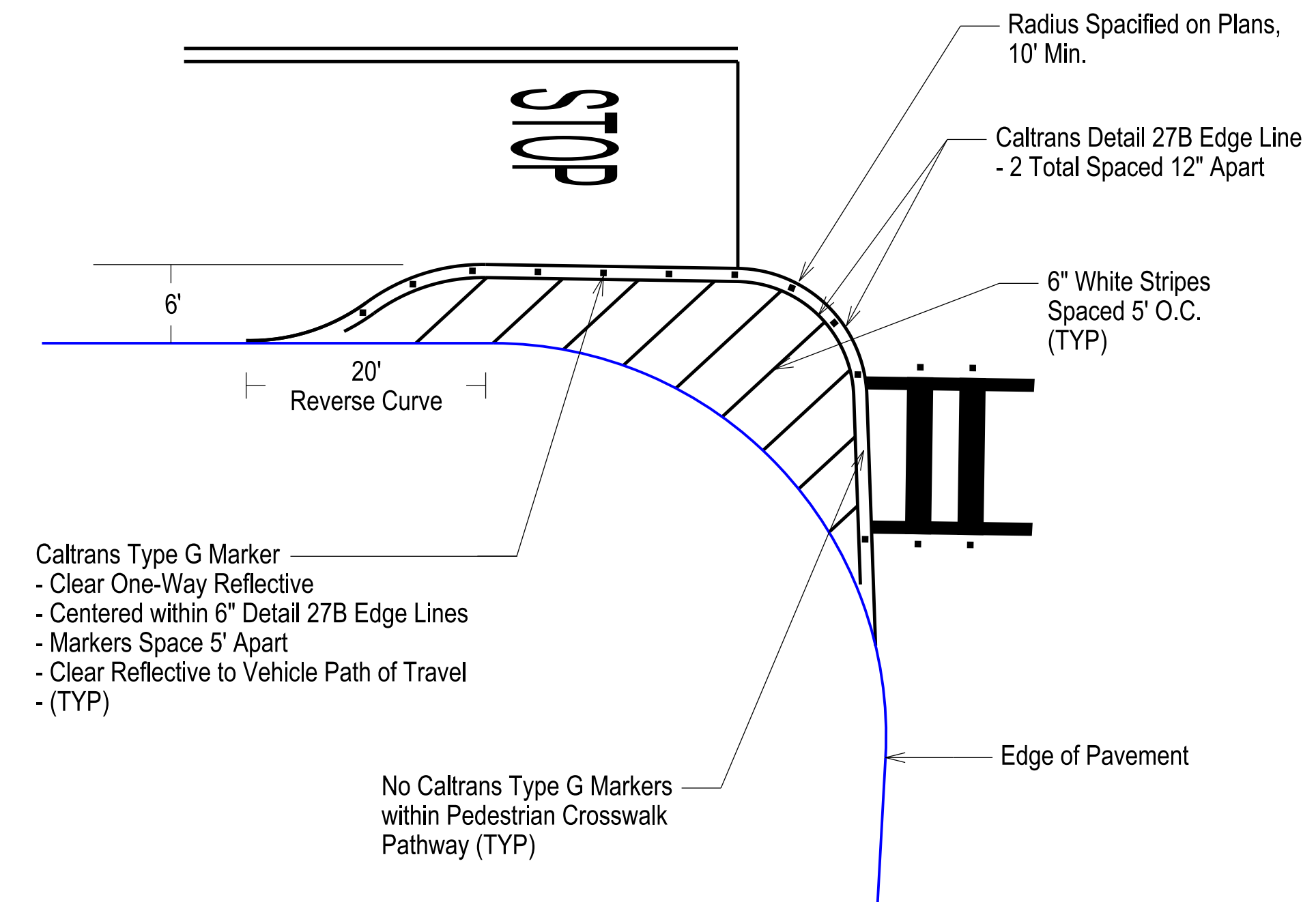
**DETAIL 1**  
 Bicycle Boulevard  
 Designation Sign  
 Scale: None



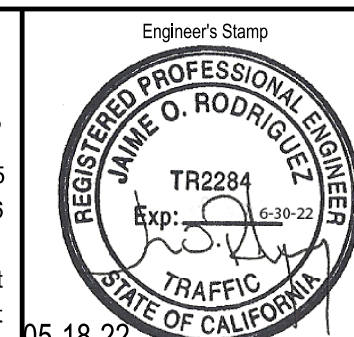
**DETAIL 2**  
 School - High Visibility Crosswalk at STOP  
 Scale: None



**DETAIL 3**  
 Striped Intersection Return / Bulb-Out  
 Scale: None



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**Record Drawings**

Project Engineer:	_____	Date:	_____
Designer:	_____	Date:	_____
Public Works Inspector:	_____	Date:	_____

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DRAWN BY:	J. Rodriguez	Date:	5-3-22
CHECKED BY:	City of Los Altos	Date:	5-3-22
DESIGNED BY:	J. Rodriguez	Date:	5-3-22

**Revisions**

NO.	DESCRIPTION	DATE

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RECOMMENDED FOR BIDDING BY: _____	PROJECT NO. _____
DATE: _____	DRAWING NO. _____
APPROVED FOR BIDDING BY: _____	E.P. NO. _____
DATE: _____	SCALE: None
	SS-22