



DISCUSSION ITEM

Agenda Item # 9

AGENDA REPORT SUMMARY

Meeting Date: March 9, 2021

Subject: Construction Contract Award: Annual Street Striping Project TS-01003

Prepared by: Gaku Watanabe, Assistant Engineer

Reviewed by: Jim Sandoval, Engineering Services Director

Approved by: Brad Kilger, Interim City Manager

Attachment(s):

1. Bid Summary dated January 20, 2021
2. Project Striping Layout Plan

Initiated by:

City Council CIP Project TS-01003

Previous Council Consideration:

None

Fiscal Impact:

Based on the lowest responsive and responsible bidder, the estimated project costs are:

Annual Street Striping Project Total Cost

Project Item	Project Budget
Construction	\$ 157,300.00
Construction Contingency (15%)	\$ 23,595.00
Printing/Advertising/Mailing/Misc.	\$ 5,000.00
Estimated Total Cost	\$ 185,895.00

Breakdown of funds to be used:

Funding Source	Amount
Remaining Project Budget for TS-01003 FY18-19	\$ 90,727.57
Approved Project Budget for TS-01003 FY19-20	\$ 100,000.00
Approved Project Budget for TS-01003 FY20-21	\$ 100,000.00
Total Project Budget	\$ 290,727.57

- Amount already included in approved budget: Yes
- Amount above budget requested: No

Reviewed By:

Interim City Manager

BK

City Attorney

JH

Deputy City Manager

JM



Subject: Construction Contract Award: Annual Street Striping Project TS-01003

Environmental Review:

Categorically Exempt pursuant to CEQA Section 15301(c) for the repair and maintenance of existing public street facilities.

Policy Question(s) for Council Consideration:

None

Summary:

- CIP Project TS-01003 is an annual project intended for preventative maintenance and upgrading of roadway striping and markings on City-maintained streets.
- On December 23, 2020, City advertised the Annual Street Striping Project.
- On January 20, 2021, City received and opened 3 bids in public session.

Staff Recommendation:

Award the Base Bid, Annual Street Striping Project to Chrisp Company and authorize the Interim City Manager to execute a contract in the amount of \$157,300.00 and up to 15% contingency on behalf of the City.

Purpose

Award the Base Bid for the Annual Street Striping Project to Chrisp Company and authorize the City Manager to execute a contract in the amount of \$157,300.00 and up to 15% contingency on behalf of the City.

Background

The Annual Street Striping Project, TS-01003, is dedicated to maintaining and updating thermoplastic striping and pavement markings on City owned streets. This project will upgrade signage and striping to improve existing bicycle facilities on Almond Avenue, Covington Road and Homestead Road.

Discussion/Analysis

On December 23, 2020, City advertised CIP Project TS-01003. On January 20, 2021, three (3) bids were received and opened in a public online session. The bid result summary is provided in Attachment 1. The lowest responsive and responsible bidder is Chrisp Company for \$157,300.00.

This project will complete the bicycle facility upgrade element along Almond Avenue, Covington Road and Homestead Road, including green bicycle lanes, a new two-way Cycle Track (Almond Ave.), and other signage and striping items. Striping elements covered by this project were reviewed and recommended for implementation by the Complete Streets Commission on January 27, 2021.

Implementation of the new Cycle Track, a two-way bike lane on the north side of Almond Avenue from San Antonio Road to Los Altos High School will formalize the bicycle commute patterns noted by Los Altos High School students and administrators as existing condition. Residents along Almond



Subject: Construction Contract Award: Annual Street Striping Project TS-01003

Avenue, including the 5 homes with direct impact on the north side of Almond Avenue between San Antonio Road and Valencia Drive, have been notified and invited to provide feedback during November 2019, August and September 2020, and January 2021 Complete Streets Commission meetings. The Complete Streets Commission, at its December 2020 meeting, recommended City staff to propose options to delineate the Cycle track from vehicle travel lane to protect cyclists from oncoming traffic.

This project will also finalize the new bike lane on Covington Road, between El Monte Avenue and Covington Elementary School. Striping layout for the bike lane was completed in summer 2020 with the Annual Street Resurfacing Project. This project will now designate this segment as a bike lane with new bike lane markings and green thermoplastic markings at conflict zones for added safety.

Public notices will be sent to residents as soon as the project is awarded by Council. Residents will be provided with information to follow project details, schedules for each area and updates on the City website. The Contractor will also be required to distribute notification letters to affected residents and post street signages at least 48-hours prior to start of work.

Options

- 1) Award the Base Bid for the Annual Street Striping Project to Chrisp Company and authorize the Interim City Manager to execute a contract in the amount of \$157,300.00 and up to a 15% contingency on behalf of the City.

Advantages: Contractor is the lowest responsive and responsible bidder. Project will upgrade signage and striping to improve existing bicycle facilities on Almond Avenue, Covington Road and Homestead Road.

Disadvantages: None

- 2) Reject all bids and re-advertise the project.

Advantages: None

Disadvantages: It is not anticipated that re-advertising the bid will result in lower bids. Upgrading of signage and striping to improve existing bicycle facilities will be delayed.

Recommendation

- 1) The staff recommends Option 1: award the Base Bid for the Annual Street Striping Project to Chrisp Company and authorize the Interim City Manager to execute a contract in the amount of \$ 157,300.00 and up to 15% contingency on behalf of the City.

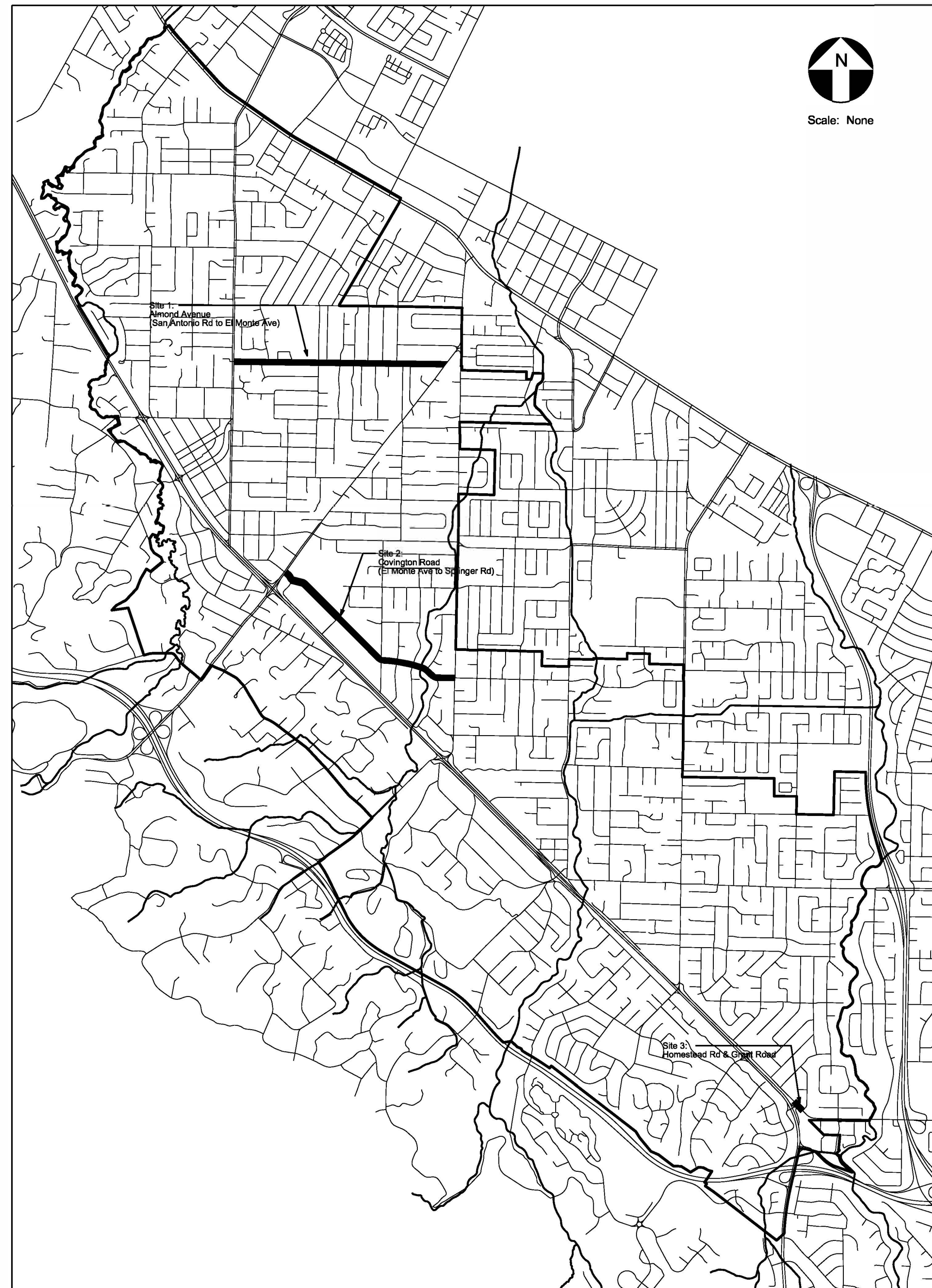


CITY OF LOS ALTOS
ANNUAL STREET STRIPING PROJECT TS-01003
BID OPENING

January 20, 2021 2:00 PM
Virtual Bid Opening via Ring Central Conference Call

CONTRACTOR	TOTAL BID
Chrisp Company	\$157,300.00
Sierra Traffic Markings	\$174,226.75
Sterndahl Enterprises	\$242,255.00

PROJECT MAP



CITY OF LOS ALTOS

Annual Street Resurfacing Striping Project No. TS-01003

WORK SCOPE:

- Installation of Roadway Markings, Striping and Signage
- Installation of Pre-Formed Thermoplastic Green Bike Lane Material
- Tree and Shrubbery Trimming
- Traffic Control

OWNER-FURNISHED MATERIALS:

- None

NOTES:

- Before excavating call USA (Underground Service Alert) at 811 seven (7) business days before planned work.

SHEET INDEX:

1. Title Sheet
2. Almond Avenue Signage & Striping, Page 1 of 2
3. Almond Avenue Signage & Striping, Page 2 of 2
4. Covington Road Signage & Striping Plan, Page 1 of 2
5. Covington Road Signage & Striping, Page 2 of 2
6. Homestead Rd & Grant Rd, Page 1 of 1
7. Blueprint for a Clean Bay

SCALE: 1" = 40'



VERIFY SCALE WHEN PRINTING DIGITAL FILES

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Engineer's Stamp
JAVIER O. RODRIGUEZ
 REGISTERED PROFESSIONAL ENGINEER
 TR2284
 Exp: 6-30-23
 STATE OF CALIFORNIA

Record Drawings

Project Engineer: _____ Date: _____

Designer: _____ Date: _____

Public Works Inspector: _____ Date: _____

Public Improvements Initially Accepted by the City Council on: _____

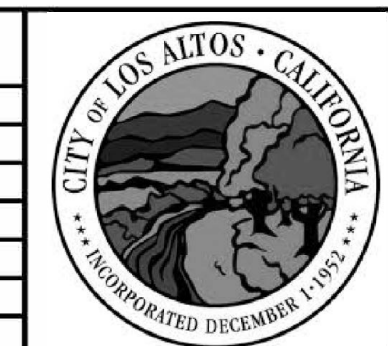
Public Improvements Initially Accepted by the City Council on: _____

DRAWN BY: J. Rodriguez Date: 12-14-20

CHECKED BY: City of Los Altos Date: 12-14-20

DESIGNED BY: J. Rodriguez Date: 12-14-20

Revisions		
NO.	DESCRIPTION	DATE



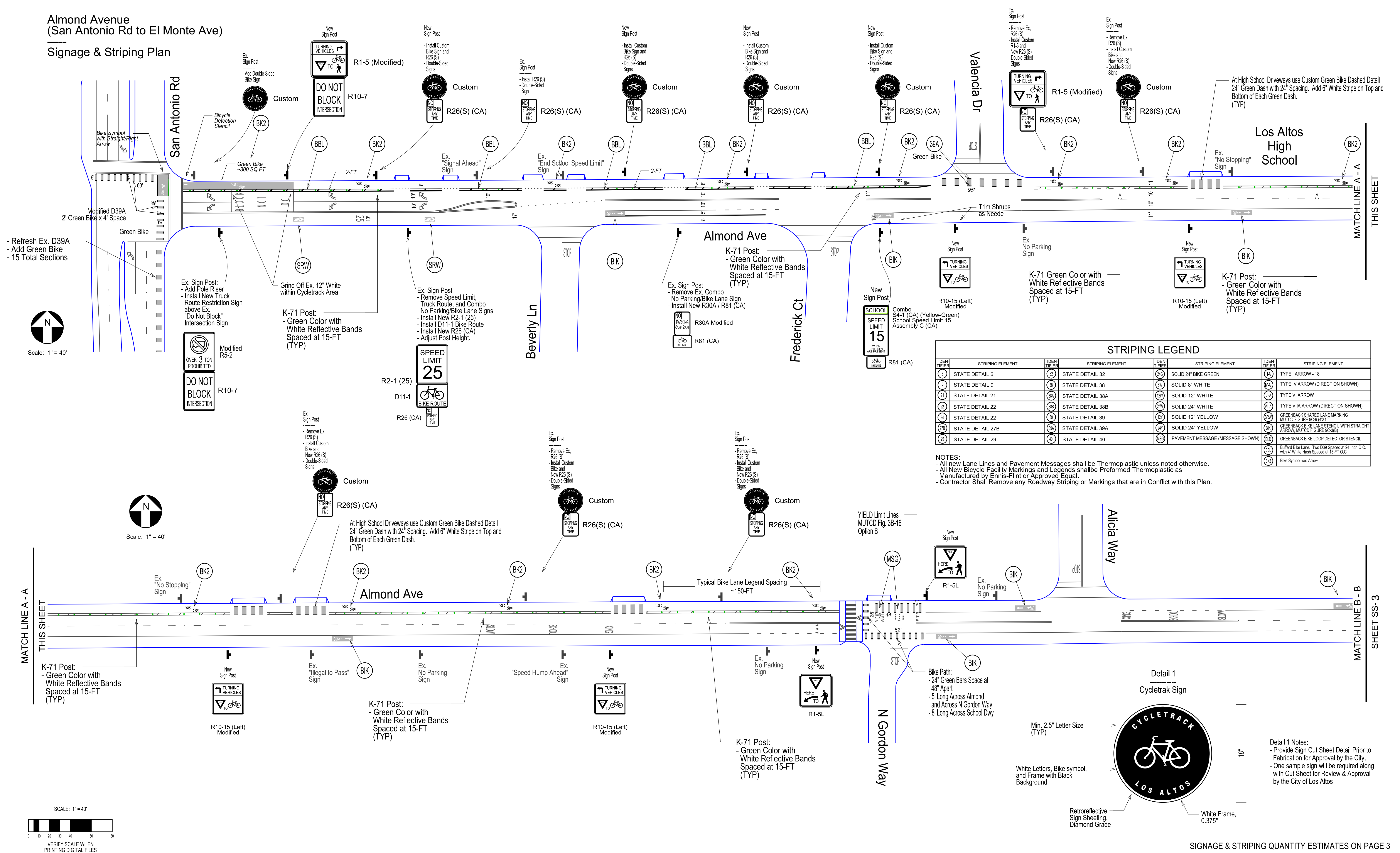
City of Los Altos
 Annual Street Resurfacing Striping
 Project No. TS-01003
 Cover Sheet

RECOMMENDED FOR BIDDING BY: _____
 DATE: _____

APPROVED FOR BIDDING BY: _____
 DATE: _____

PROJECT NO. _____
 DRAWING NO. _____
 E.P. NO. _____
 SCALE: 1" = 40'
 Sheet 1

**Almond Avenue
(San Antonio Rd to El Monte Ave)**
Signage & Striping Plan



IDEN. NUMBER	STRIPING ELEMENT	IDEN. NUMBER	STRIPING ELEMENT	IDEN. NUMBER	STRIPING ELEMENT	IDEN. NUMBER	STRIPING ELEMENT
(6)	STATE DETAIL 6	(32)	STATE DETAIL 32	(26)	SOLID 24" BIKE GREEN	(44)	TYPE I ARROW - 18"
(9)	STATE DETAIL 9	(38)	STATE DETAIL 38	(01)	SOLID 8" WHITE	(14)	TYPE IV ARROW (DIRECTION SHOWN)
(21)	STATE DETAIL 21	(39A)	STATE DETAIL 39A	(02)	SOLID 12" WHITE	(14A)	TYPE VI ARROW
(22)	STATE DETAIL 22	(39B)	STATE DETAIL 39B	(03)	SOLID 24" WHITE	(14B)	TYPE VIIA ARROW (DIRECTION SHOWN)
(22)	STATE DETAIL 22	(39C)	STATE DETAIL 39C	(04)	SOLID 12" YELLOW	(59)	GREENBACK SHARED LANE MARKING MUTCD FIGURE 9C-9A(10)
(27B)	STATE DETAIL 27B	(39A)	STATE DETAIL 39A	(05)	SOLID 24" YELLOW	(60)	GREENBACK BIKE LANE STENCIL WITH STRAIGHT ARROW MUTCD FIGURE 9C-3(B)
(29)	STATE DETAIL 29	(40)	STATE DETAIL 40	(MS)	PAVEMENT MESSAGE (MESSAGE SHOWN)	(61)	GREENBACK BIKE LOOP DETECTOR STENCIL

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



Detail 1 Notes:
 - Provide Sign Cut Sheet Detail Prior to Fabrication for Approval by the City.
 - One sample sign will be required along with Cut Sheet for Review & Approval by the City of Los Altos

SIGNAGE & STRIPING QUANTITY ESTIMATES ON PAGE 3

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 REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA

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Project Engineer: _____ Date: _____

Designer: _____ Date: _____

Public Works Inspector: _____ Date: _____

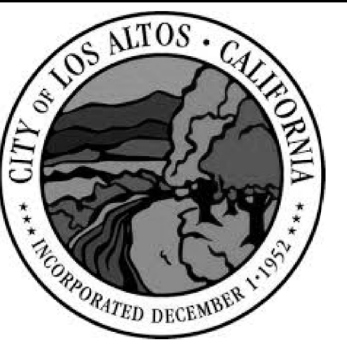
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Drawn By: J. Rodriguez Date: 12-14-20

Checked By: City of Los Altos Date: 12-14-20

Designed By: J. Rodriguez Date: 12-14-20

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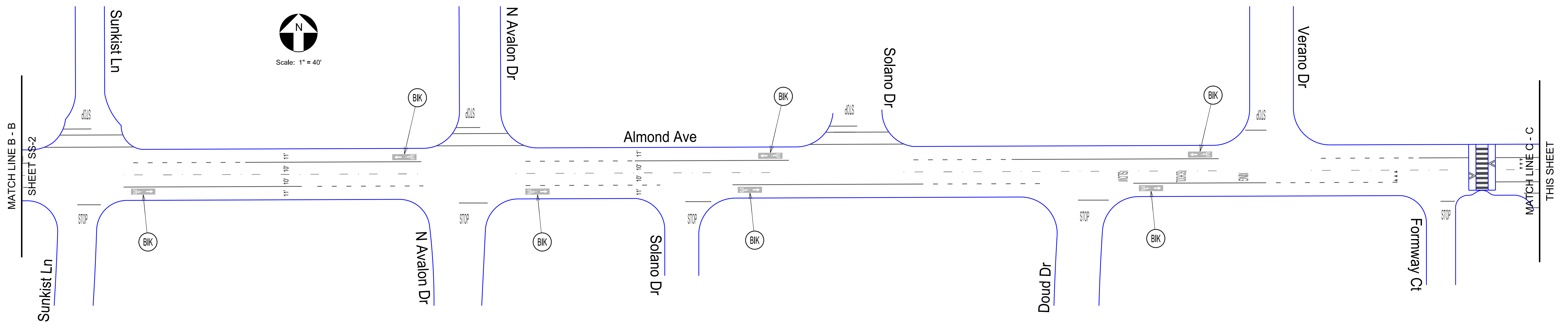
City of Los Altos
 Annual Street Resurfacing Striping
 Project No. TS-01003
 Almond Avenue Bike Lane Improvements
 (San Antonio Road to El Monte Avenue)
 Signage & Striping Plan

RECOMMENDED FOR BIDDING BY: _____ DATE: _____

APPROVED FOR BIDDING BY: _____ DATE: _____

PROJECT NO. _____
 DRAWING NO. _____
 E.P. NO. _____
 SCALE 1" = 40'
 Sheet 2

Almond Avenue
(San Antonio Rd to El Monte Ave)
Signage & Striping Plan

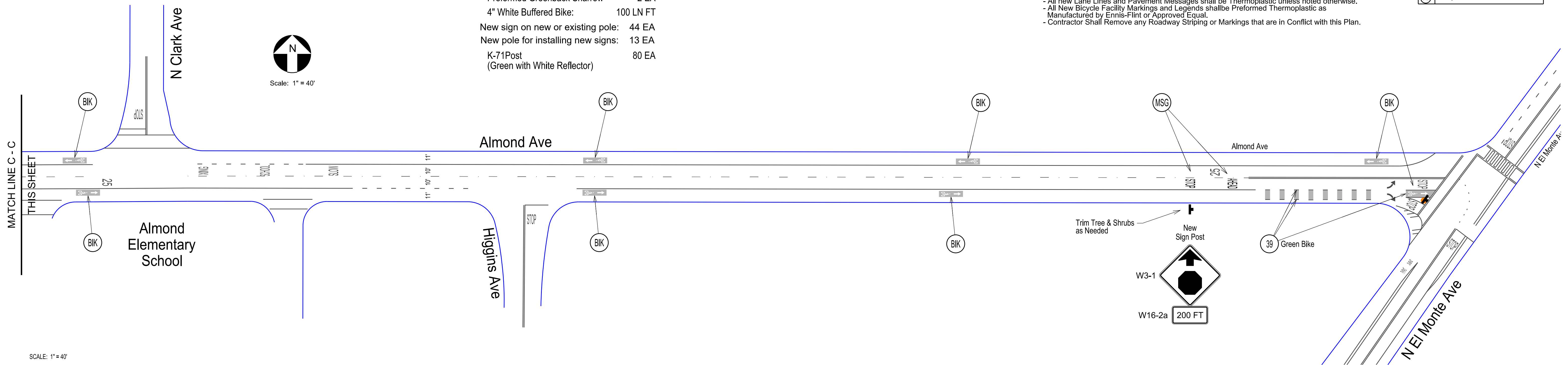


STRIPING & SIGNAGE QUANTITY ESTIMATES:

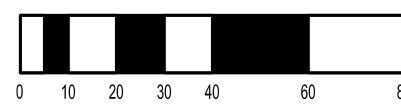
Detail 39:	600 LN FT
Detail 39A:	400 LN FT
Detail 39A Modified (2' x 2'):	500 LN FT
Pavement Messages:	53 SQ FT
Greenback Bike Lane / Arrow:	23 EA
Cycle Track Bike Stencil:	27 EA
Preformed Green Bike:	2,700 SQ FT
Preformed Greenback Sharrow:	2 EA
4" White Buffered Bike:	100 LN FT
New sign on new or existing pole:	44 EA
New pole for installing new signs:	13 EA
K-71 Post (Green with White Reflector):	80 EA

STRIPING LEGEND							
IDEN. TYPHER	STRIPING ELEMENT	IDEN. TYPHER	STRIPING ELEMENT	IDEN. TYPHER	STRIPING ELEMENT	IDEN. TYPHER	STRIPING ELEMENT
(6)	STATE DETAIL 6	(32)	STATE DETAIL 32	(35)	SOLID 24" BIKE GREEN	(14)	TYPE I ARROW - 18'
(9)	STATE DETAIL 9	(33)	STATE DETAIL 38	(36)	SOLID 8" WHITE	(15)	TYPE IV ARROW (DIRECTION SHOWN)
(21)	STATE DETAIL 21	(34)	STATE DETAIL 38A	(37)	SOLID 12" WHITE	(16)	TYPE VI ARROW
(22)	STATE DETAIL 22	(35)	STATE DETAIL 38B	(38)	SOLID 24" WHITE	(17)	TYPE VIIA ARROW (DIRECTION SHOWN)
(24)	STATE DETAIL 22	(36)	STATE DETAIL 39	(39)	SOLID 12" YELLOW	(18)	GREENBACK SHARED LANE MARKING MUTCD FIGURE 9C-9 (4'X10')
(25)	STATE DETAIL 27B	(37)	STATE DETAIL 39A	(40)	SOLID 24" YELLOW	(19)	GREENBACK BIKE LANE STENCIL WITH STRAIGHT ARROW MUTCD FIGURE 9C-3(B)
(26)	STATE DETAIL 29	(38)	STATE DETAIL 40	(41)	PAVEMENT MESSAGE (MESSAGE SHOWN)	(20)	GREENBACK BIKE LOOP DETECTOR STENCIL
				(42)		(21)	Buffered Bike Lane - Two (2) Spaced at 24-Inch O.C. with 4" White Heel Spaced at 15-Ft O.C.
						(22)	Bike Symbol w/o Arrow

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.



SCALE: 1" = 40'



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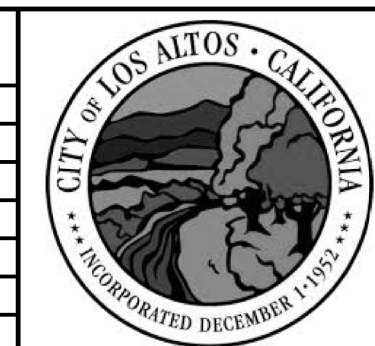
Record Drawings
 Project Engineer: _____ Date: _____
 Designer: _____ Date: _____
 Public Works Inspector: _____ Date: _____
 Public Improvements Initially Accepted by the City Council on: _____

Revisions

NO.	DESCRIPTION	DATE

DRAWN BY: J. Rodriguez Date: 12-14-20
 CHECKED BY: City of Los Altos Date: 12-14-20
 DESIGNED BY: J. Rodriguez Date: 12-14-20

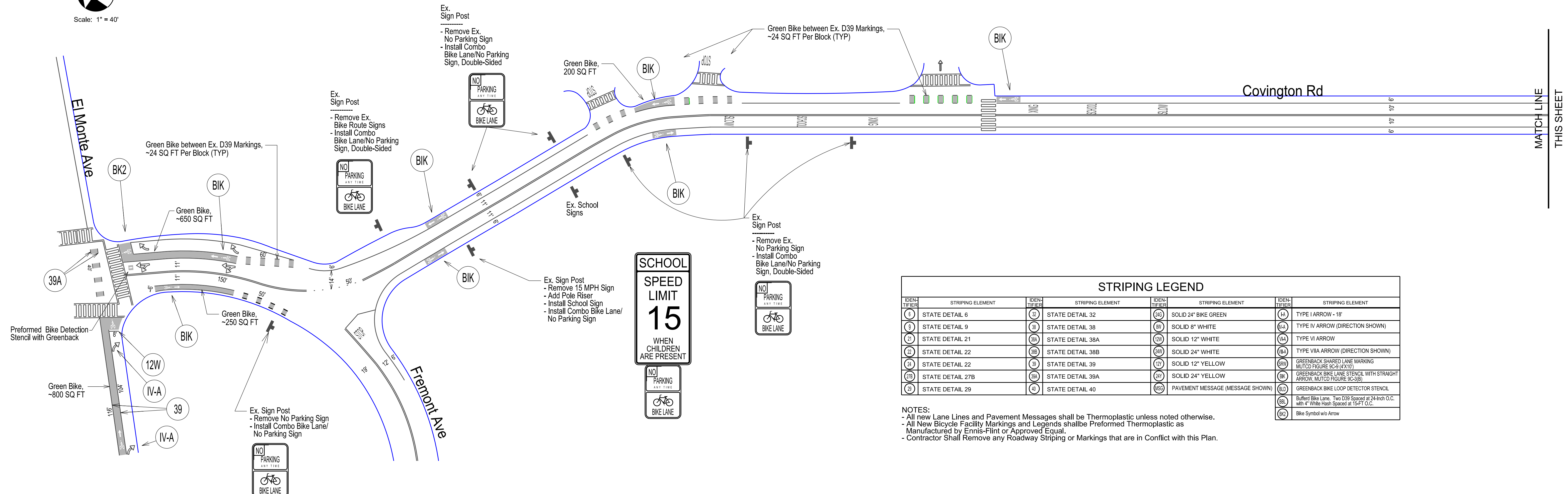
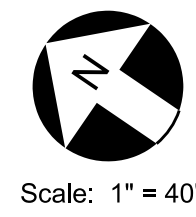
City of Los Altos
 Annual Street Resurfacing Striping
 Project No. TS-01003
 Almond Avenue Bike Lane Improvements
 (San Antonio Road to El Monte Avenue)
 Signage & Striping Plan



RECOMMENDED FOR BIDDING BY: _____
 DATE: _____
 APPROVED FOR BIDDING BY: _____
 DATE: _____

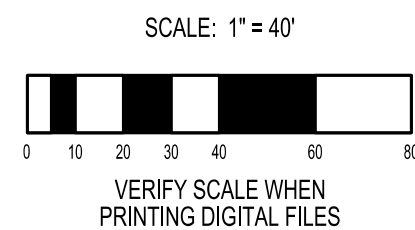
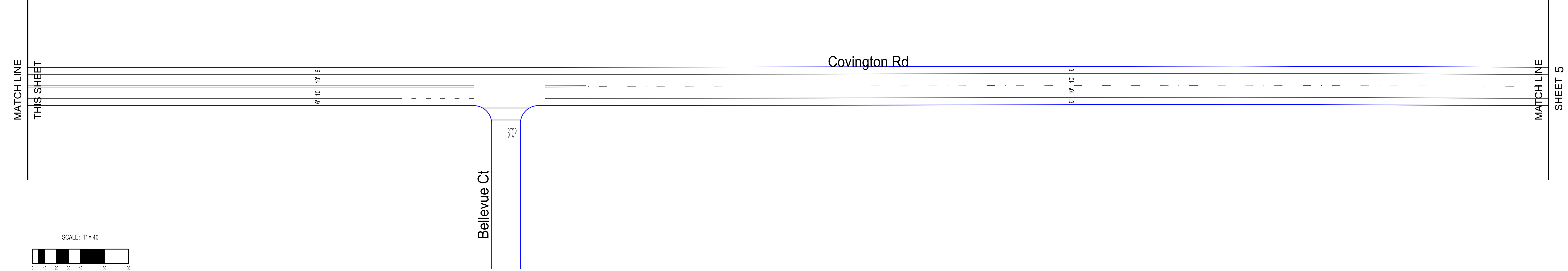
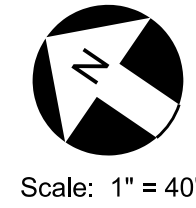
PROJECT NO. _____
 DRAWING NO. _____
 E.P. NO. _____
 SCALE: 1" = 40'
 Sheet 3

Convington Rd
Signage & Striping Plan



STRIPING LEGEND					
IDEN-TYPEN	STRIPING ELEMENT	IDEN-TYPEN	STRIPING ELEMENT	IDEN-TYPEN	STRIPING ELEMENT
(1)	STATE DETAIL 6	(32)	STATE DETAIL 32	(36)	SOLID 24" BIKE GREEN
(2)	STATE DETAIL 9	(33)	STATE DETAIL 33	(37)	SOLID 8" WHITE
(3)	STATE DETAIL 21	(34)	STATE DETAIL 34	(38)	SOLID 12" WHITE
(4)	STATE DETAIL 22	(35)	STATE DETAIL 35	(39)	SOLID 24" WHITE
(5)	STATE DETAIL 22	(36)	STATE DETAIL 36	(40)	SOLID 12" YELLOW
(6)	STATE DETAIL 27B	(37)	STATE DETAIL 37	(41)	SOLID 24" YELLOW
(7)	STATE DETAIL 29	(38)	STATE DETAIL 38	(42)	PAVEMENT MESSAGE (MESSAGE SHOWN)
(8)		(39)	STATE DETAIL 39	(43)	GREENBACK SHARED LANE MARKING MUTCD FIGURE 9C-9 (4'X10')
		(40)	STATE DETAIL 40	(44)	GREENBACK BIKE LANE STENCIL WITH STRAIGHT ARROW, MUTCD FIGURE 9C-3(B)
				(45)	GREENBACK BIKE LOOP DETECTOR STENCIL
				(46)	Buffered Bike Lane, Two D39 Spaced at 24-Inch O.C. with 4" White Flush Spaced at 15-Ft O.C.
				(47)	Bike Symbol w/o Arrow

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.



SIGNAGE & STRIPING QUANTITY ESTIMATES ON PAGE 5

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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

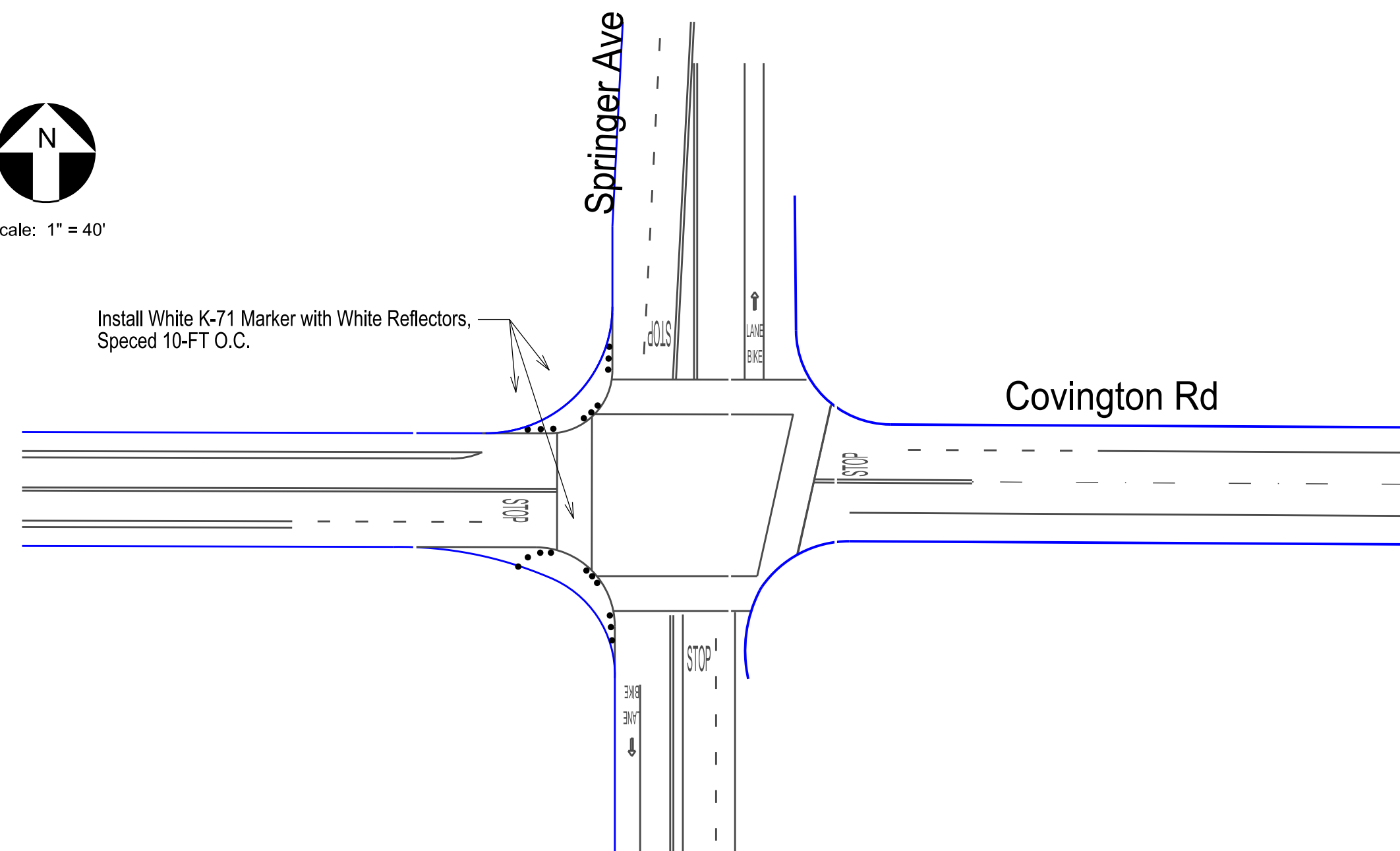
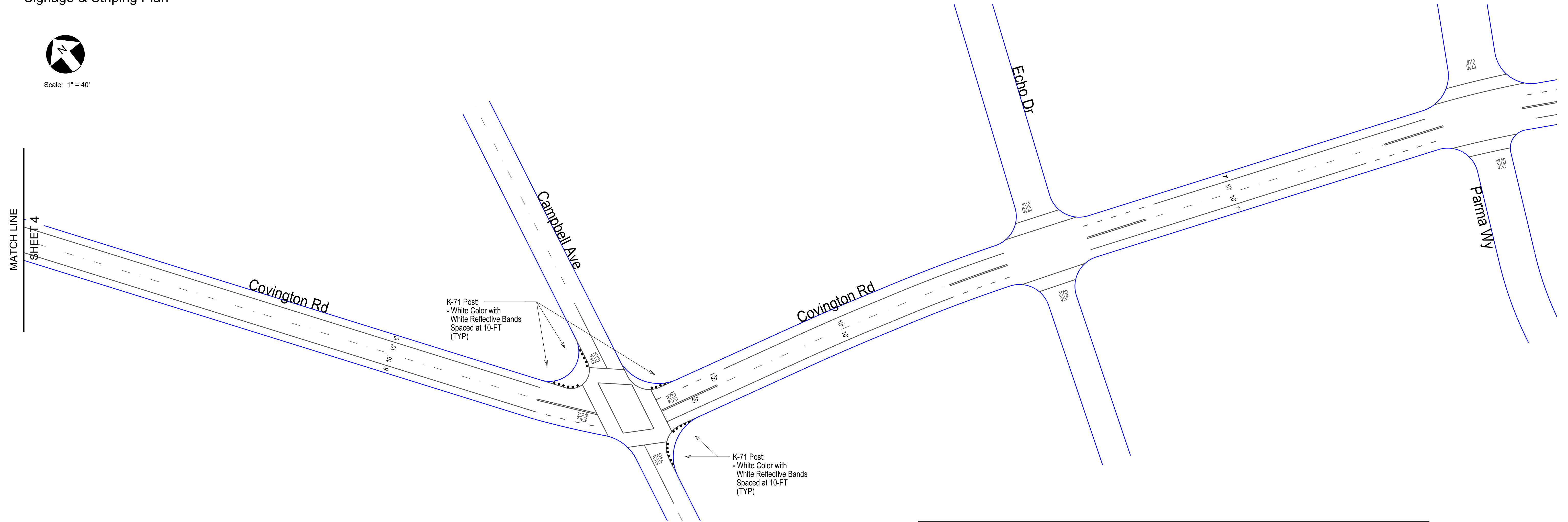
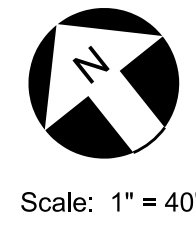
DRAWN BY:	J. Rodriguez	Date:	12-14-20
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Revisions		
NO.	DESCRIPTION	DATE

City of Los Altos
 Annual Street Resurfacing Striping
 Project No. TS-01003
 Convington Road Bike Improvements
 (El Monte Ave to Springer Ave)
 Signage & Striping Plan

RECOMMENDED FOR BIDDING BY:	_____	PROJECT NO.	_____
DATE:	_____	DRAWING NO.	_____
APPROVED FOR BIDDING BY:	_____	E.P. NO.	_____
DATE:	_____	SCALE	None
			Sheet 4

Convington Rd
Signage & Striping Plan



STRIPING & SIGNAGE QUANTITY ESTIMATES:

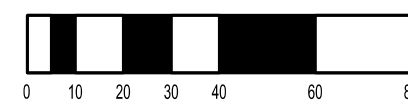
- Detail 39A: 80 LN FT
- Greenback Bike Lane / Arrow: 8 EA
- Oversize Bike Box Stencil: 2 EA
- Preformed Green Bike: 2,500 SQ FT
- Ex. Sign Posts with New Signs: 8 Sets
- K-71 Post (White with /White Reflector) (Return Excess K-71 Posts to City): 50 EA
- Preformed green bike detection stencil with greenback: 1 EA

STRIPING LEGEND

IDENTIFIER	STRIPING ELEMENT	IDENTIFIER	STRIPING ELEMENT	IDENTIFIER	STRIPING ELEMENT	IDENTIFIER	STRIPING ELEMENT
(6)	STATE DETAIL 6	(32)	STATE DETAIL 32	(05)	SOLID 24" BIKE GREEN	(14)	TYPE I ARROW - 18'
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(26)	STATE DETAIL 29	(40)	STATE DETAIL 40	(62)	PAVEMENT MESSAGE (MESSAGE SHOWN)	(62)	GREENBACK BIKE LOOP DETECTOR STENCIL
				(66)	Buffered Bike Lane: Two D39 Spaced at 24-Inch O.C. with 4" White Hash Spaced at 15-FT O.C.	(66)	Buffered Bike Lane: Two D39 Spaced at 24-Inch O.C. with 4" White Hash Spaced at 15-FT O.C.
				(67)	Bike Symbol w/o Arrow	(67)	Bike Symbol w/o Arrow

- 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.

SCALE: 1" = 40'



VERIFY SCALE WHEN PRINTING DIGITAL FILES

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Record Drawings

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Designer: _____ Date: _____
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Submittal Log

NO.	DESCRIPTION	DATE

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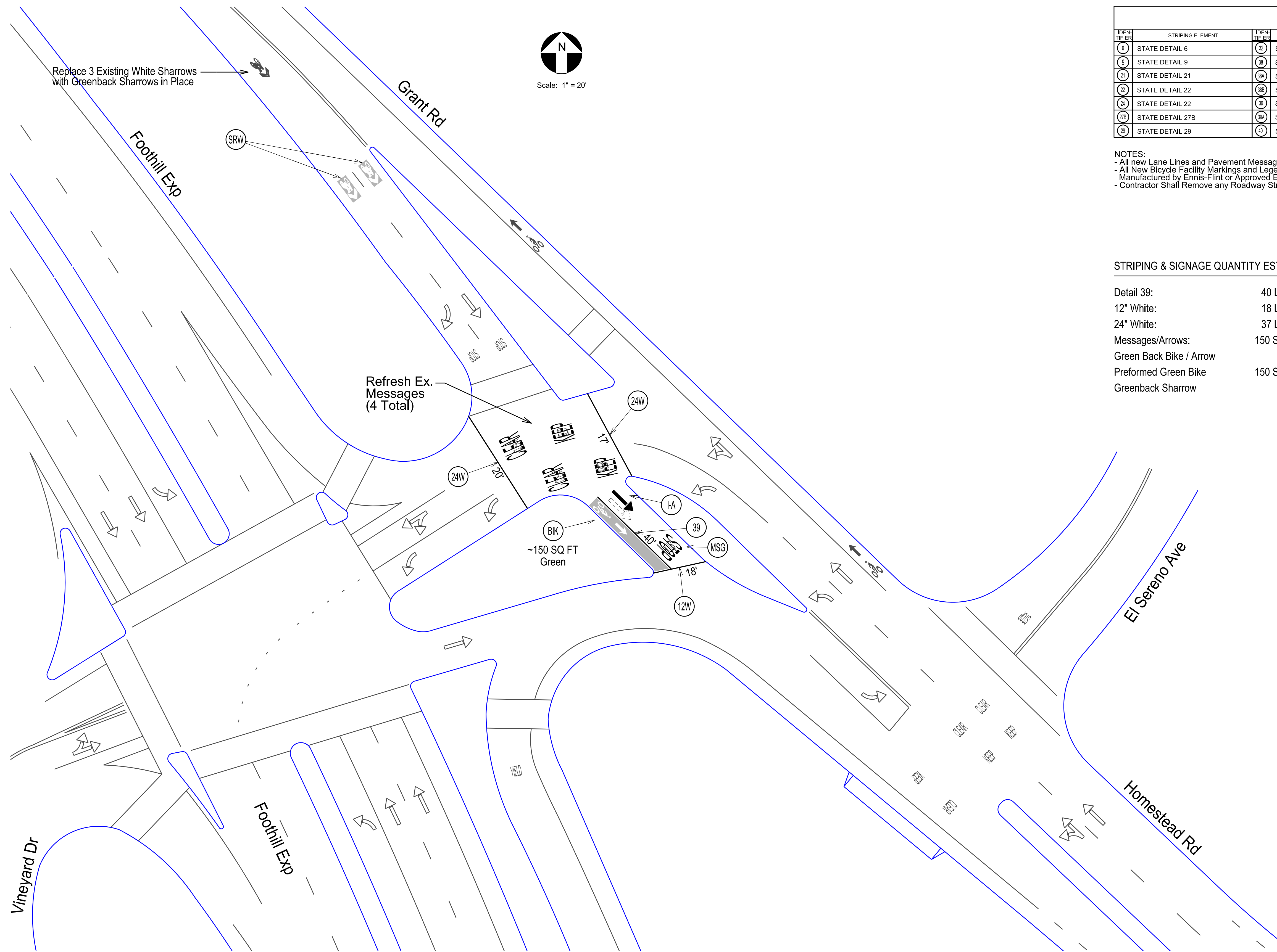
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(El Monte Ave to Springer Ave)
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RECOMMENDED FOR BIDDING BY: _____
DATE: _____

APPROVED FOR BIDDING BY: _____
DATE: _____

PROJECT NO. _____
DRAWING NO. _____
E.P. NO. _____
SCALE: None
Sheet 5

Homestead Rd & Grant Rd
Signage & Striping Plan



STRIPING LEGEND							
IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT	IDEN-TIFIER	STRIPING ELEMENT
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(22)	STATE DETAIL 22	(38B)	STATE DETAIL 38B	(10)	SOLID 24" WHITE	(14C)	TYPE VIIA ARROW (DIRECTION SHOWN)
(24)	STATE DETAIL 24	(39)	STATE DETAIL 39	(12)	SOLID 12" YELLOW	(20)	GREENBACK SHARED LANE MARKING MUTCD FIGURE 9C-39 (4' X 10')
(25)	STATE DETAIL 25	(39A)	STATE DETAIL 39A	(12)	SOLID 24" YELLOW	(21)	GREENBACK BIKE LANE STENCIL WITH STRAIGHT ARROW, MUTCD FIGURE 9C-31(B)
(29)	STATE DETAIL 29	(4)	STATE DETAIL 40	(16)	PAVEMENT MESSAGE (MESSAGE SHOWN)	(22)	GREENBACK BIKE LOOP DETECTOR STENCIL
				(26)	Buffered Bike Lane - Two D39 Spaced at 24-Inch O.C. with 4" White Hash Spaced at 15-FT O.C.	(23)	Bike Symbol w/o Arrow

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.

STRIPING & SIGNAGE QUANTITY ESTIMATES:

Detail 39:	40 LN FT
12" White:	18 LN FT
24" White:	37 LN FT
Messages/Arrows:	150 SQ FT
Green Back Bike / Arrow	1 EA
Preformed Green Bike	150 SQ FT
Greenback Sharrow	5 EA

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: _____

DRAWN BY: J. Rodriguez Date: 12-14-20
 CHECKED BY: City of Los Altos Date: 12-14-20
 DESIGNED BY: J. Rodriguez Date: 12-14-20

Revisions		
NO.	DESCRIPTION	DATE

CITY OF LOS ALTOS - CALIFORNIA
 INCORPORATED DECEMBER 1, 1923

City of Los Altos
 Annual Street Resurfacing Striping
 Project No. TS-01003
 Homestead Rd & Grant Rd Intersection
 Signage & Striping Plan

RECOMMENDED FOR BIDDING BY: _____
 DATE: _____

APPROVED FOR BIDDING BY: _____
 DATE: _____

PROJECT NO. _____
 DRAWING NO. _____
 E.P. NO. _____
 SCALE 1" = 40'
 Sheet 6

