COMPLETE STREETS COMMISSION
SPECIAL MEETING AGENDA

6:00 PM - Thursday, April 10, 2025

Los Altos Community Center - Sequoia Room

PARTICIPATION: Members of the public may participate by being present at the Los Altos Community Center - Sequoia Room located at 97 Hillview Avenue, Los Altos, CA during the meeting. Public comment is accepted in person at the physical meeting location, or via email to **transportation@losaltosca.gov**.

REMOTE MEETING OBSERVATION: Members of the public may view the meeting via the link below, but will not be permitted to provide public comment via Zoom. Public comment will be taken in-person, and members of the public may provide written public comment by following the instructions below.

Webinar ID: 885 5491 7517 | Passcode: 901533

https://losaltosca-gov.zoom.us/j/88554917517?pwd=2MlCqIyXg0fjHYpaUa5e95P4I0yvGX.1

SUBMIT WRITTEN COMMENTS: Verbal comments can be made in-person at the public hearing or submitted in writing prior to the meeting. Written comments can be mailed or delivered in person to the City Clerk's Office or emailed to **transportation@losaltosca.gov**.

Correspondence must be received by 2 PM on the day of the meeting to ensure distribution prior to the meeting. Comments provided after 2 PM will be distributed the following day and included with public comment in the packet.

PLEASE NOTE: Commissioner Venkatraman will participate in the meeting via videoconference from the site listed below. The meeting agenda will be posted at the videoconference site, which is accessible to the public. Anyone wishing to address the Commission from the videoconference site will be provided with an opportunity to do so.

Location: 25 Hutchins Road, 6th Cross, St. Thomas Town, Bangalore 560084, India

CALL MEETING TO ORDER

ESTABLISH QUORUM

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA

Members of the audience may bring to the Commission's attention any item that is not on the agenda. Please complete a "Request to Speak" form and submit it to the Staff Liaison. Speakers are generally given two or three minutes, at the discretion of the Chair. Please be advised that, by law, the Commission is unable to discuss or take action on issues presented during the Public Comment Period. According to State Law (also known as "the Brown Act") items must first be noticed on the agenda before any discussion or action.

04-10-2025 Written Public Comments

DISCUSSION ITEMS

1. FY24-25 Annual Street Resurfacing Project

   City Staff will present the preliminary plans.

   A) Microsurfacing

   B) Mill and Overlay

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 City Clerk 72 hours prior to the meeting at (650) 947-2720.

If you wish to provide written materials, please provide the Commission Staff Liaison with 10 copies of any document that you would like to submit to the Commissioners in order for it to become part of the public record.

From: Jim Wing
To: Transportation
Subject: CSC 04/10/25 Meeting Agenda Item 1 Main, State, University
Date: Tuesday, April 8, 2025 1:26:21 PM

Complete Streets Chair Helmholz and Distinguished Commission Members

Subject: Comments on Main, State, and University Pavement Markings

I would like to thank staff for upgrading Pavement Markings on streets I walk every day! I have even spent many hours counting peak PM traffic on University. Design drawings show many welcomed pedestrian improvements. Would you please consider the following changes, that I have experienced near accidents?

Main

- Change **Main** Centerline "Paddles" to Green K-71 style at Red Berry Coffee midblock crosswalk because you can clearly see them in daylight and night. Car head light reflector is extra wide and they are recommended by California Vehicle Code for pedestrian safety use.
- Add Green K-71 Paddle to **State** centerline at **Main** intersection. Large number of both Main and State cars make turns at this intersection and do not seem to know where travel lanes are.
- Add "PED" to **Main** travel lane in direction to San Antonio ahead of crosswalk at **State.** Keep in mind that even cars parked parallel can hide pedestrians entering crosswalk.
- I agree with recommendation to stripe old Main / State colored cement crosswalks because the colors have faded over almost past 10 years

University

- **University / Burke** intersection crosswalks should be "ladder" style not "continental" as shown on drawing. Add two Green K-71 Paddles to University crosswalk centerline at Chamber of Commerce side. Traffic turning left "cuts" this corner. This has been successively done before
- **University / Milverton** add ladder crosswalk on University at intersection westside for daily 30 to 50 pedestrians to use. Right now, pedestrians do not where to cross.
- Refresh stop bar stripe for **Quinnhill Road** at University intersection. Quinnhill has medium traffic volume that often stop into University travel lane
- Refresh stop bar at **Presbyterian Church and School** exit to University. School has medium traffic volume.
- Paint **University** curb red 20 feet from Sherman / University corner. High volume of traffic from three churches use Sherman for left turns onto University in direction of El Monte. Parked cars block visibility of on-coming University traffic.
- Repair **University** damaged pavement in westbound travel lane from El Monte at Manresa entrance to Jesuit Retreat and Event Center. Root cause of damage is from double decker buses stopping to turn into Manresa / Jesuit entrance. Travel lane damage is about 25 feet long with muddy water "squirting up" when cars drive over after rains. Noticeable increased in damage from this year rains
- **Do not shift eastbound travel lanes at University / El Monte intersection to compensate for miss alignment of University travel lanes! The correct design change is to "phase-shift" University "thru / left" turn signal lights. County did**

“phase-shift” at Foothill intersections at Main and Edith to reduce accidents and congestion. The shift in lanes shown on drawings will cause PM commute intersection backups on eastbound University of at least 10 to 20 cars and not reduce 3 to 5 intersection accidents per year. Keep mind that University from Edith and Main is a PM commute cut-through street for traffic going to 280. I do not know if consultant or staff use traffic count data to support design. I have reported my traffic count data to County Airport & Roads and prior Los Altos staff.

I am disappointed that University Milverton Gap-fill CIP TS-01051 was deferred again this year. Been requesting this “Safe Routes to School” project for 21 years and will now have to wait until next year.

Thank you for your consideration! Jim Wing Milverton Road Los Altos

From: Jim Wing
To: Transportation
Subject: CSC 4-10-2025 Meeting Agenda Item 1 Pavement Improvement
Date: Wednesday, April 9, 2025 7:50:32 AM

706 University looking east to Milverton
Safe Route to School University-Milverton Gap Fill CIP TS 01051

To CSC Chair Helmholz and Distinguished Commission Members,

Los Altos Council has required that pavement improvement projects like University - Burke to Anita to include "safe-route-to school" improvement projects like CIP TS 01051. Please consider following Council direction?

Los Altos Zoning Administrator and Planning Manager
At 706 University, developer has just purchased a 1950 two-bedroom home and is planning to "scrape" / build new home that will easily sell in current market. Would you please consider reclaiming most of University street right-away so that "safe-route-to school" students and pedestrians [some with dogs], going to / from Redwood Grove and Shoup Park will not have to walk in busy University travel lane?
Prior to homeowner front yard landscape project about 30 years ago, pedestrians and some dogs had full use of street shoulder right-away, that provided about 8 feet of safe waking space. Landscape project added about 3 feet of soil to front of grass area and a permitted retaining wall. Overgrown bushes shown in picture were planted on grass side of wall. Safe walking space was reduced to 6 feet. About 5 years later, most of retaining wall was extended without permit, leaving safe walking space of 4 feet. Over the years bushes planted behind original permitted retaining wall were allowed to grow into street travel lane leaving no safe space to walk.
University is a "safe routes to school" street as noted in Complete Streets Master Plan that requires a minimum of 5 feet for student walking space. Santa Clara County Plat Maps show that Los Altos right-away for 706 University is 28 feet from street center line.

Thank You for your consideration!
Jim Wing, Milverton Road, Los Altos

April 9, 2025
Dear Staff & Commissioners:

We have reviewed the agenda packet for the meeting dated April 10, 2025 regarding the FY24-25 Annual Street Resurfacing Project and have the following comments.

In general - we are in support of the grading and paving plans but want to make sure there are not missed opportunities for this plan to adhere to the Complete Streets Master plan, and past studies looked at by the Council and Commission.

1. In 2020 during Covid the commission considered one-way traffic for Downtown Los Altos [See maps attached] both in an East on Main, West on State route and vise-versa. Granted this was with the express goal of more social distance during the pandemic, but the plan itself should be considered, especially with the increased numbers of bikes downtown. If the council were to consider one-way traffic in this restriping plan - then travel lanes could be added for bikes in the downtown area which would make our streets safer for all users including pedestrians.

2. The Complete Streets Master Plan specifically calls out using raised crosswalks for pedestrian safety on pages 34 & 35. We believe all crosswalks in the downtown area should be raised crosswalks. In particular the following locations should be prioritized in this plan::
    a. Main Street between 3rd and Edith [Sheet C2 page 9]
    b. Intersection of State and Main [Sheet C2 page 9]
    c. Intersection of State and 4th [Sheet C4 page 11]

    If the existing colored concrete crosswalks are not to be modified - the notes in the plan are unclear if they are to be protected or modified, then at a minimum, any new crosswalks in the downtown that necessitate new curb cuts should instead be designed as raised crosswalks.

    Furthermore, we recommend curb-level raised intersections at all 4-way stops on Main and State St for increased visibility and safety.

3. “Ladder” crosswalks should be the standard and used instead of “Continental”..

4. Safe Routes to School
    a. Consider raised crosswalks at stop sign-controlled intersections as per page 34 & 35 of the Complete Streets Master Plan. For example, we feel these locations are of most importance:
        i. University at Burke [Sheet C5 page 12] and University at W. Edith. [Sheet C4.28 page 57]
        ii. Hawthorne and El Monte, on the north side of the intersection. [Sheet C13 page 20]

iii. S.Clark and El Monte, with diagonal green conflict marking for bikes coming from the Almond shared use pathway toward S. Clark. [Sheet C15 page 22]

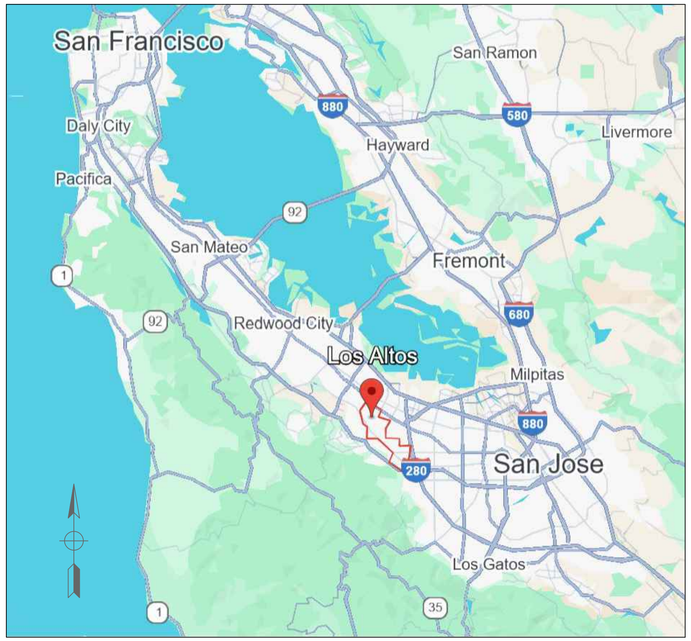
iv. Berry and Springer, on the south side of the intersection as cars approach from Foothill [Sheet C4.22 page 51]

Sincerely,
Safe Routes to Downtown Los Altos Committee
Jill Woodford
Taylor Robinson
Marc Sidel
Harry Guy

saferoutesdtla@gmail.com

2025 PAVEMENT REHABILITATION PROJECT

CITY PROJECT NO. _____



PROJECT LOCATION

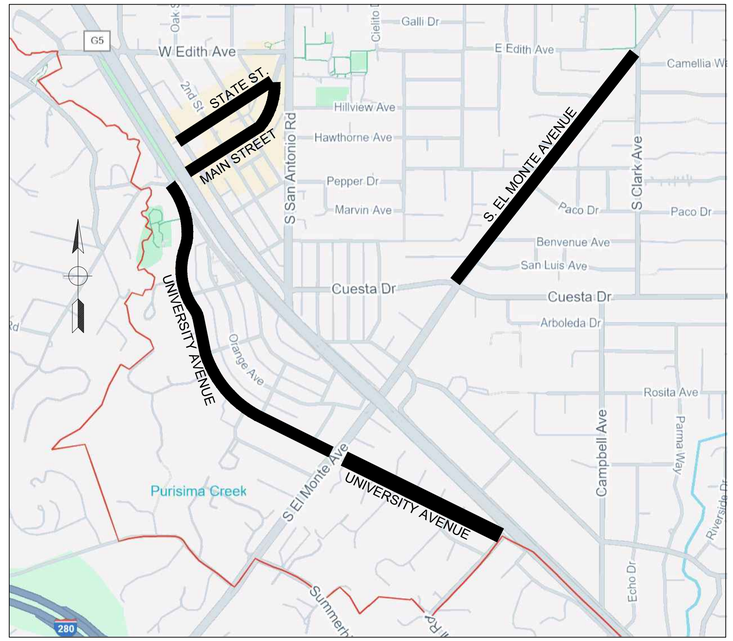
SCALE: NOT TO SCALE

CITY OF

Los Altos

SANTA CLARA COUNTY, CALIFORNIA

SCHEDULE OF DRAWINGS		
GENERAL SHEETS		
SHEET	**DRAWING**	**DESCRIPTION**
1	G1	TITLE SHEET AND KEY MAP
2	G2	GENERAL NOTES, LEGEND & ABBREVIATIONS
3	G3	CONSTRUCTION DETAILS
4	G4	ACCESSIBLE PARKING AND SPEED LUMP DETAILS
5	G5	BIKE, PEDESTRIAN & PARKING PAVEMENT MARKING DETAILS
STREET SEGMENTS		
SHEET	**DRAWING**	**DESCRIPTION**
6-7	C1-C2	MAIN STREET - FROM FOOTHILL EXPRESSWAY TO STATE STREET
8-9	C3-C4	STATE STREET - FROM FIRST STREET TO MAIN STREET
10-16	C5-C11	UNIVERSITY AVENUE - FROM BURKE ROAD TO ANITA AVENUE
17-20	C12-C15	S. EL MONTE AVENUE - FROM CUESTA DRIVE TO CLARK AVENUE



STREET SEGMENT LOCATIONS

SCALE: NOT TO SCALE

1-800-227-2600
CALL BEFORE YOU DIG
U S A
UNDERGROUND SERVICE ALERT
1-800-227-2600

XX/XX/2025

APPROVED --- CITY ENGINEER DATE

No.	DATE	REVISION	BY	APPD
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85% DRAFT

AIM
ENGINEERING
CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

AIM Engineering Consultants

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
TITLE SHEET
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER | DATE | RECOMMENDED -- PROJECT MANAGER | DATE XX / XX / 202X

CITY PROJECT: PWC XXXX
FEDERAL PROJECT:
DESIGNED BY: WPM | CHECKED BY: DA
DRAWN BY: WPM | DATE: APRIL 2025

SCALE: 0 1"
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: **G1**
SHEET 1 OF 20

PLOT DATE: Apr 06, 2025 - 9:45pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_000_G1_COVER.dwg

GENERAL NOTES

1. THE CONTRACTOR SHALL INSPECT THE EXISTING CONDITIONS ON ALL PROJECT STREET SECTIONS PRIOR TO SUBMITTING A BID.
2. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL BE REQUIRED TO ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
3. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND CAL/OSHA. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
4. UNLESS OTHERWISE SPECIFIED ON THE PLANS OR CONTRACT DOCUMENTS FOR 'HIGH-RISK' UNDERGROUND FACILITIES, THE LOCATION OF EXISTING FACILITIES WERE TAKEN PARTIALLY FROM RECORDS AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING IN THEIR LOCALITY.

   THE UTILITY AGENCIES IN THE CITY OF LOS ALTOS ARE:

5. AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CALL THE UNDERGROUND SERVICE ALERT FOR UTILITY LOCATIONS. PHONE: 1-800-227-2600.
6. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
7. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.
8. REFER TO OTHER SHEETS FOR ADDITIONAL NOTES AND LEGENDS PERTAINING TO SPECIFIC ITEMS OF WORK.
9. THE CONTRACTOR SHALL COORDINATE ALL NECESSARY UTILITY ADJUSTMENTS AND RELOCATIONS WITH THE APPROPRIATE UTILITY COMPANY.
10. THE CONTRACTOR IS ENCOURAGED TO USE RECLAIMED WATER GENERATED BY _____ FOR CONSTRUCTION ACTIVITIES. FOR FURTHER INFORMATION, CONTACT _____ AT (XXX) XXX-XXXX.
11. IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR ENCOUNTERS ANY SURFACE OR SUBSURFACE MATERIAL THAT HE/SHE BELIEVES IS HAZARDOUS (AS DEFINED IN SECT. 25117 OF THE HEALTH AND SAFETY CODE), THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING IMMEDIATELY. MATERIAL IS TO REMAIN UNDISTURBED UNTIL AN INVESTIGATION BY THE CITY. REMOVAL AND/OR DISPOSAL OF HAZARDOUS MATERIALS IS NOT PART OF THE SCOPE OF WORK.

ROADWAY PAVEMENT NOTES

1. LIMITS AND DEPTHS SHOWN FOR HMA RECONSTRUCTION (DIG-OUTS) ARE APPROXIMATE ONLY. FINAL AREAS AND DEPTHS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. UNLESS DIRECTED BY THE ENGINEER OR OTHERWISE SPECIFICALLY NOTED ON THE PLANS, ALL TRAFFIC DETECTOR LOOPS SHALL BE PLACED NEW, AS SHOWN ON THE PLANS, BEFORE THE TOP LIFT OF THE HMA RECONSTRUCTION IS PLACED, AND WILL BE TESTED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF THE TOP LIFT. REPLACEMENT OF TRAFFIC LOOPS MAY INCLUDE, BUT NOT LIMITED TO, STUB OUTS, PULL BOX, CONDUITS, CONDUCTORS AND ALL OTHER LABOR AND MATERIALS NEEDED IN THE SATISFACTORY OPERATION OF THE LOOPS AND APPROVAL OF THE ENGINEER.
3. CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF EXISTING ROCKWHEEL TRENCHES. CONTRACTOR SHALL PROTECT ALL EXISTING ROCKWHEEL TRENCHES AND ASSOCIATED CONDUIT IN PLACE. ALL GRINDING, ASPHALT OVERLAY AND HMA RECONSTRUCTION SHALL BE PERFORMED UP TO EDGE OF EXISTING ROCKWELL TRENCHES.
4. CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE SECTION ENTITLED "MAINTAINING TRAFFIC/TRAFFIC CONTROL" OF THE CONTRACT DOCUMENTS REGARDING LANE CLOSURE RESTRICTIONS. TRAFFIC SHALL NOT BE DIVERTED ON TO ANY SURFACE NOT PAVED WITH ASPHALT CONCRETE UNLESS AUTHORIZED BY THE ENGINEER.
5. UNLESS OTHERWISE SPECIFIED, CONTRACTOR SHALL REPLACE ALL STRIPING AND PAVEMENT MARKINGS REMOVED DURING THE PAVEMENT REMOVAL OPERATION WITH PAINT MATERIAL. ALL STRIPING AND PAVEMENT MARKINGS ON STREETS RECEIVING AN ASPHALT OVERLAY SHALL BE PLACED WITH THERMOPLASTIC MATERIAL.
6. ALL PAVEMENT MARKINGS SHALL FOLLOW THE LATEST CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD).
7. CONTRACTOR SHALL PROTECT ALL MONUMENTS, UTILITY MANHOLES, VALVES AND COVERS FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
8. THE QUANTITY FOR ENTIRE ROADWAY AREA REPRESENTS THE TOTAL AREA OF EXISTING ASPHALT CONCRETE PAVEMENT ON A GIVEN STREET SEGMENT; WHETHER WORK IS PERFORMED ON IT OR NOT. THE BOUNDARY ENCLOSING THIS AREA ENCOMPASSES THE FULL WIDTH OF THE STREET (FROM LIP OF GUTTER TO LIP OF GUTTER) AND THE FULL LENGTH OF THE ROADWAY SHOWN ON THE PLANS (STARTING FROM THE LIMIT OF PAVEMENT WORK ON ONE END OF THE STREET TO THE LIMIT OF PAVING WORK ON THE OPPOSITE END) WITH NO BREAKS IN BETWEEN.
9. "SCHOOL STREETS" ARE LOCATIONS THAT ARE WITHIN 500 FEET OF A PUBLIC SCHOOL AND ARE SUBJECT TO A MORE RESTRICTIVE CONSTRUCTION SCHEDULE. SEE CONTRACT DOCUMENTS FOR MORE DETAILS. "SCHOOL STREETS" ARE IDENTIFIED ON THE KEY MAP OF THESE PLANS.
10. FOR STREETS RECEIVING AN ASPHALT OVERLAY, THE NEW ASPHALT PAVEMENT AT PEDESTRIAN TRAVEL WAYS ALONG THE LENGTH AND WIDTH MARKED AND UNMARKED CROSSWALKS SHALL HAVE A RUNNING SLOPE THAT DOES NOT EXCEED 5% AND A CROSS SLOPE THAT DOES NOT EXCEED 2%.
11. NEW ASPHALT PLACED ADJACENT TO AN EXISTING CURB RAMP LANDING SHALL BE FLUSH WITH THE LIP OF GUTTER.

NIGHT WORK NOTES:

PAVEMENT WORK AT THE FOLLOWING LOCATIONS SHALL BE PERFORMED AT NIGHT AS SPECIFIED IN THE CONTRACT DOCUMENTS:

1. XXXXXXXXX

EXISTING ROCK & ASPHALT CHART NOTES

1. ACTUAL PAVEMENT SECTION MAY VARY IN DIFFERENT AREAS OF THE STREET.
2. THE DATA FOR THE EXISTING ROCK AND ASPHALT CHART WERE OBTAINED FROM THE ORIGINAL SUBDIVISION PLANS, MAINTENANCE RECORDS, AND RECORD DRAWINGS. THE DATA IS INTENDED TO SERVE AS AN INDICATOR OF THE EXISTING PAVEMENT SECTION, BUT SHOULD NOT BE ASSUMED TO BE A COMPLETE RECORD. THE ACTUAL EXISTING PAVEMENT SECTION MAY VARY FROM THE DATA AS SHOWN ON THIS SHEET.

EXISTING ROCK & ASPHALT CHART (INCHES)

ROAD NAME	AC	AB	ASB	OVERLAY
MAIN STREET	X"	XX"	XX"	X"
STATE STREET	X"	XX"	XX"	X"
UNIVERSITY AVENUE	X"	XX"	XX"	X"
S. EL MONTE AVENUE	X"	XX"	XX"	X"

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ACFC	ALAMEDA COUNTY FLOOD CONTROL
ACWD	ALAMEDA COUNTRY WATER DISTRICT
ASB	AGGREGATE SUBBASE
CATV	CABLE TV
CB	CATCH BASIN
C/G	CURB AND GUTTER
COLA	CITY OF LOS ALTOS
CTB	CEMENT-TREATED BASE
DESC	DESCRIPTION
DET	DETAIL
DI	DRAINAGE INLET
DLC	DETECTOR LEAD-IN CABLE
DWG	DRAWING
DWY	DRIVEWAY
E	ELECTRIC
EB, E/B	EASTBOUND
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
ETS	ELECTROLYSIS TEST STATION
EX, (E)	EXISTING
FC	FACE OF CURB
FG	FINISHED GRADE
FH	FIRE HYDRANT
FO	FIBER OPTIC
G	GAS
GB	GRADE BREAK
HH	HAND HOLE
HMA	HOT MIX ASPHALT
LF	LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
MPH	MILES PER HOUR
NB, N/B	NORTHBOUND
NSF	NON-STANDARD FEATURE
OC	ON CENTER
OH	OVERHEAD
PB	PULL BOX
PVT	PRIVATE
PVMT	PAVEMENT
ROW, R/W	RIGHT OF WAY
SB, S/B	SOUTHBOUND
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FEET
SHT	SHEET
SNS	STREET NAME SIGN
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
SW, S/W	SIDEWALK
SY	SQUARE YARDS
TEL	TELECOM
TC	TOP OF CURB
TOT	TOTAL
TSPB	TRAFFIC SIGNAL PULL BOX
TYP	TYPICAL
USD	UNION SANITARY DISTRICT
VAR	VARIES
W	WATER
WB, W/B	WESTBOUND
WM	WATER METER
WV	WATER VALVE

PAVING LEGEND

- BASE REPAIR (DEPTH PER PLAN)
- GRIND AREA & HMA OVERLAY AREA (DEPTH PER PLAN/SPEC)
- MICROSURFACING

MISC LEGEND

- HEADER & STAKES
- TYPE ● NEW STREET SIGN ON NEW POST
- TYPE ○ NEW STREET SIGN ON (E) POST
- TYPE ⊗ NEW STREET SIGN ON (E) POST REMOVE (E) STREET SIGN
- TYPE ⊗ REMOVE (E) POST AND REMOVE/RELOCATE (E) SIGN(S)
- PROPERTY / ROW LINE
- SHARED ROADWAY BICYCLE MARKING (SHARROW)
- BICYCLE LOOP DETECTOR MARKING
- YIELD TRIANGLE LIMIT LINE
- DELINEATOR
- SPEED HUMP
- FIRE HYDRANT BLUE MARKER

TREE LEGEND

- TRIM TREE
- PVT TRIM TREE (PRIVATE PROPERTY)

UTILITY LEGEND

TO REMAIN	ADJUST *	
⋈	⋈	VALVE (WATER)
⋈ GAS	⋈ GAS	VALVE (GAS)
○ TEL	● TEL	TELECOM HANDHOLE
⬭ USD	⬭ USD	USD CLEANOUT
○ DESC	● DESC	MANHOLE (TYPE AS NOTED)
□ DESC	■ DESC	VAULT OR BOX (TYPE AS NOTED)
◎ MON	◉ MON	MONUMENT
FH	—	FIRE HYDRANT
	—	UTILITY POLE
- - - OH - - - OH -	—	OVERHEAD LINE

* REFER TO CONTRACT DOCUMENTS REGARDING ADJUSTMENT OF EXISTING FACILITIES

PLOT DATE: Apr 06, 2025 - 9:53pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_001_G2_NOTES LEGEND DETAILS.dwg

No.	DATE	REVISION	BY	APPD
1				
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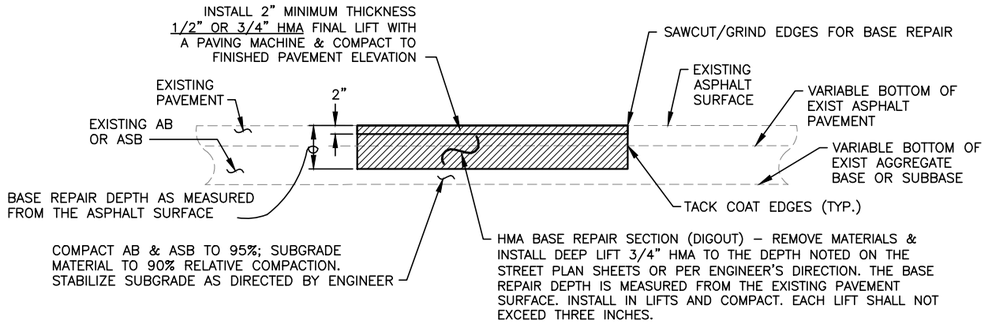
85% DRAFT

AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

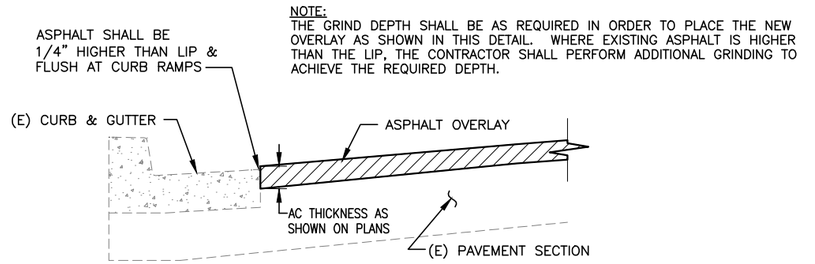
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
NOTES, LEGEND & ABBREVIATIONS
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	G2
FEDERAL PROJECT:	0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DESIGNED BY: WPM / CHECKED BY: DA		
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 3 OF 26



HOT MIX ASPHALT PAVEMENT BASE REPAIR
HMA RECONSTRUCTION (DIGOUT) - TYPICAL
NOT TO SCALE



GRIND AND OVERLAY AT CURB & GUTTER
NOT TO SCALE

PLOT DATE: Apr 06, 2025 - 9:56pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_001_G3_CONSTRUCTION DETAILS.dwg

No.	DATE	REVISION	BY	APPD
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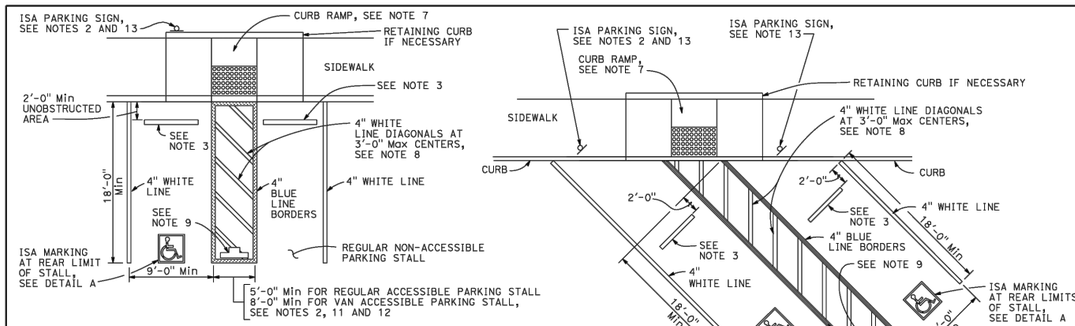
85% DRAFT

AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
CONSTRUCTION DETAILS
PUBLIC WORKS DEPARTMENT

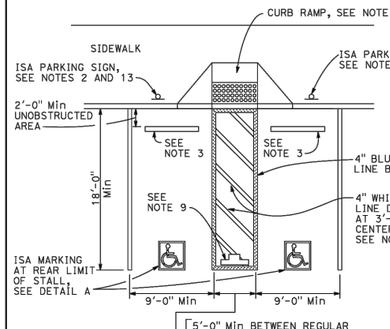
APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	G3
FEDERAL PROJECT:	0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DESIGNED BY: WPM / CHECKED BY: DA		
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 3 OF 28

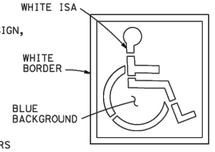


SINGLE PARKING STALL

DIAGONAL DOUBLE PARKING STALLS



DOUBLE PARKING STALL



ISA MARKING, See Standard Plan A24C

DETAIL A

TABLE A	
TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1-25	1
26-50	2
51-75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9
501-1000	2 PERCENT OF TOTAL
1001 AND OVER	20 PLUS 1 FOR EACH 100 OR FRACTION THEREOF OVER 1000

SIGN R99 (CA)

PLAQUE R99B (CA)

SIGN R99 (CA) with PLAQUE R99B (CA), See Note 6

SIGN R99C (CA), See Note 6

SIGN R100B (CA), See Note 10

SIGN R7-8b, See Notes 2 and 6

OFF-STREET PARKING SIGNS

Parking lot or garage, See Note 6

NOTES:

1. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility.
2. One in every six accessible off-street parking stalls, but not less than one, shall be served by an accessible aisle of 8'-0" minimum width and shall be signed van accessible. The R7-8b sign shall be mounted below the R99B (CA) plaque or the R99C (CA) sign.
3. In each parking stall, a curb or parking bumper shall be provided if required to prevent encroachment of vehicles over the required width of walkways. Parking stalls shall be so located that persons with disabilities are not compelled to wheel or walk behind parked vehicles other than their own. For more parking bumper requirements, see the Standard Specifications.
4. Parking spaces and access aisles shall be level with surface slopes not exceeding 1.5% in all directions.
5. Table A shall be used to determine the required number of accessible parking stalls in each parking lot or garage.
6. Where Plaque R99B (CA), Sign R99C (CA) or Sign R7-8b are installed, the bottom of the sign or plaque panel shall be a minimum of 7'-0" above the surrounding surface.
7. Curb ramps shall conform to the details shown on Standard Plan A88A.
8. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
9. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high and located so that it is visible to traffic enforcement officials. See Standard Plan A90B for details of the "NO PARKING" pavement marking.
10. A R100B (CA) sign shall be posted in a conspicuous place at each entrance to off-street parking facilities or immediately adjacent to and visible from each stall. The sign shall include the address where the towed vehicle may be reclaimed and the telephone number of the local traffic law enforcement agency.
11. Where a single (non-van) accessible parking space is provided, the loading and unloading access aisle shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
12. Where a van accessible parking space is provided, the loading and unloading access aisle shall be 8'-0" wide minimum, and shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
13. Accessible Parking Only Sign shall be Sign R99C (CA) or Sign R99 (CA) with Plaque R99B (CA).

LEGEND

ISA - International Symbol of Accessibility

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ACCESSIBLE PARKING OFF-STREET

NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2023
PLANS APPROVAL DATE

Rebecca Lynn Mowry
No. C54415
Exp. 12-31-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

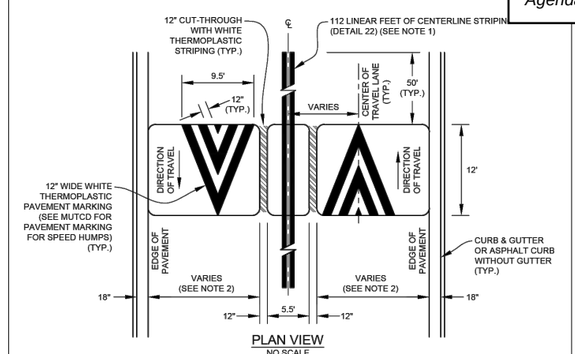
A90A

1-31-23

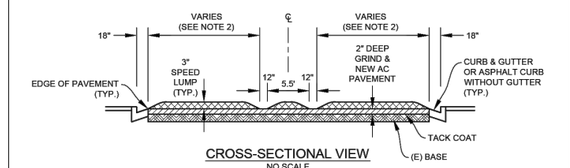
2023 STANDARD PLAN A90A

ACCESSIBLE PARKING DETAILS

SCALE: NOT TO SCALE



PLAN VIEW
NO SCALE



CROSS-SECTIONAL VIEW
NO SCALE

NOTES:

1. 50' OF CENTERLINE STRIPING ON EACH SIDE OF THE SPEED LUMP AND 12' ON TOP OF THE SPEED LUMP.

W17-1 SIGN ADJACENT TO SPEED LUMP
NO SCALE

W84 (CA) ADANCED WARNING SIGN
NO SCALE

NOTES:

1. SEE THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND MUTCD CALIFORNIA SUPPLEMENT FOR SIGN DETAILS

SPEED LUMP SIGNING AND STRIPING DETAILS

SCALE: NOT TO SCALE

No.	DATE	REVISION	BY	APPD
1				
2				
3				
4				

85% DRAFT

AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

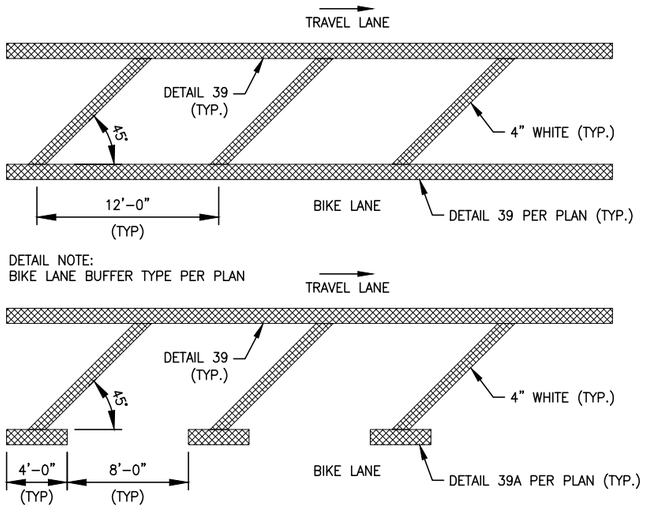
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
ACCESSIBLE PARKING AND SPEED LUMP DETAILS
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER | DATE | RECOMMENDED -- PROJECT MANAGER | DATE XX / XX / 202X

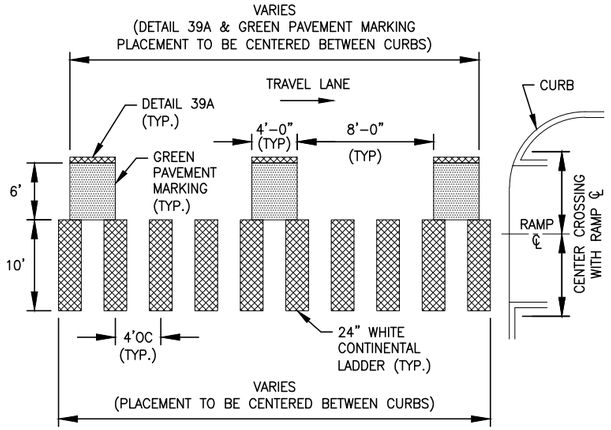
CITY PROJECT: PWC XXXX
FEDERAL PROJECT:
DESIGNED BY: WPM | CHECKED BY: DA
DRAWN BY: WPM | DATE: APRIL 2025

SCALE: AS SHOWN
0 1"
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

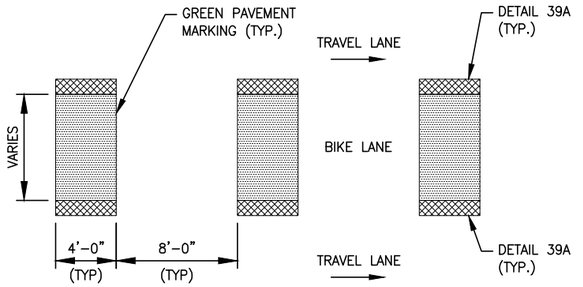
DRAWING: G4
SHEET 4 OF 20



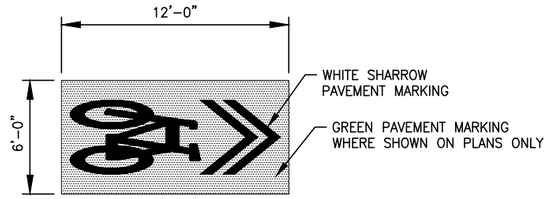
BIKE LANE BUFFER DETAILS
SCALE: NOT TO SCALE



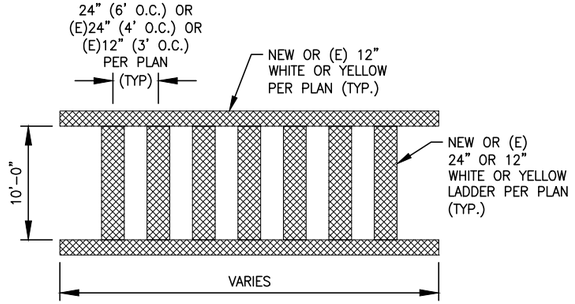
PED & 1-WAY BIKE CROSSING
SCALE: NOT TO SCALE



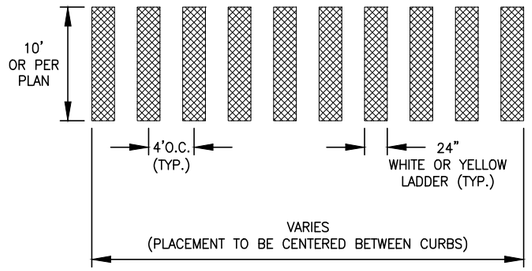
CONFLICT ZONE GREEN BIKE LANE
SCALE: NOT TO SCALE



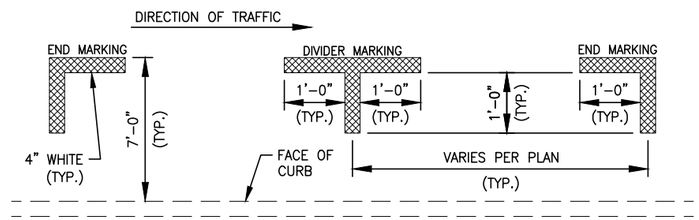
GREEN BIKE LANE SHARROW
SCALE: NOT TO SCALE



LADDER CROSSWALK
SCALE: NOT TO SCALE



CONTINENTAL CROSSWALK
SCALE: NOT TO SCALE



PARALLEL PARKING STALL DETAIL
SCALE: NOT TO SCALE

PLOT DATE: Apr 06, 2025 – 9:59pm FILE: D:\City of Los Altos\DWG – Mar 5 2025\PLAN_001_05_STRIPING & MARKING DETAILS.dwg

No.	DATE	REVISION	BY	APPD
1				
2				
3				
4				

85% DRAFT

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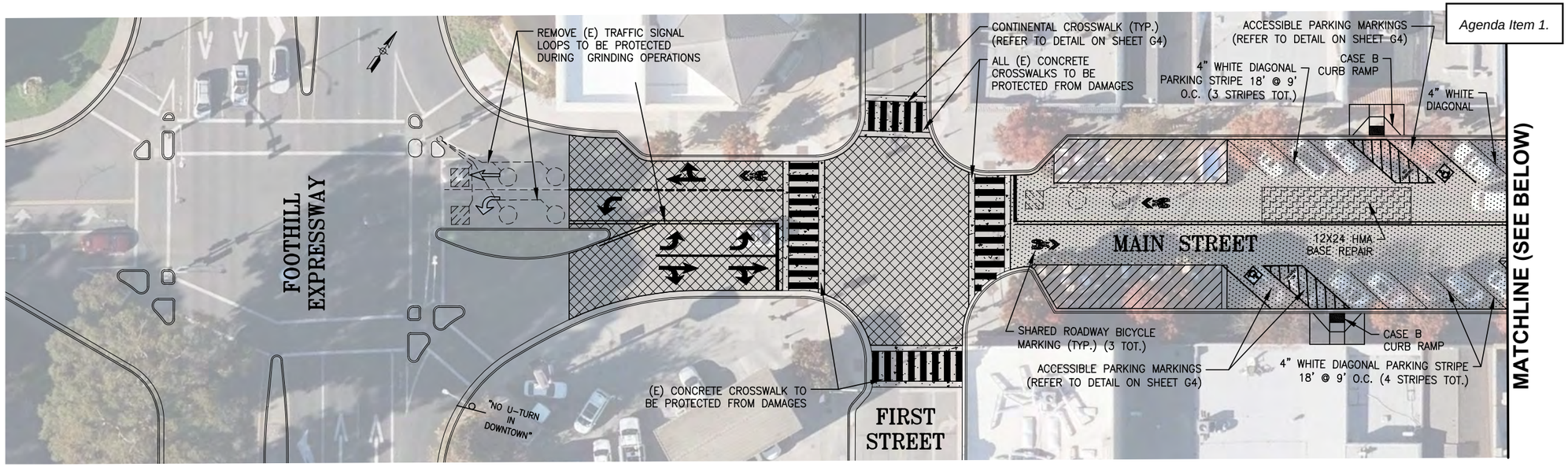
CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

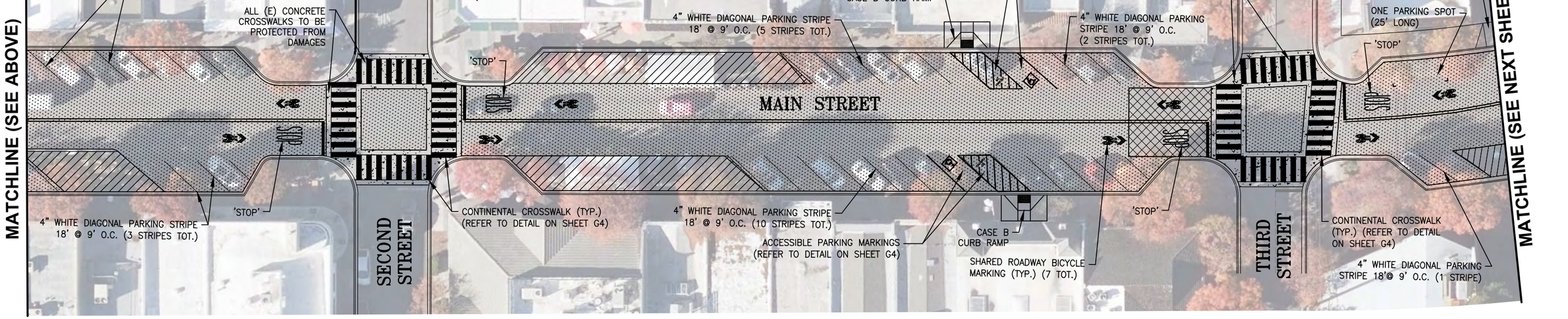
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
BIKE, PEDESTRIAN & PARKING PAVEMENT MARKING DETAILS
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:
PWC XXXX	AS SHOWN
FEDERAL PROJECT:	0 1"
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.
DRAWN BY: WPM / DATE: APRIL 2025	

DRAWING: G5
SHEET 5 OF 20





LEGEND & QUANTITY TABLE			
	4" HMA BASE REPAIR	2,090 SF	232 SY
	2" GRIND AND OVERLAY	7,251 SF	806 SY
	MICROSURFACE	50,577 SF	5,620 SY
	PARKLET AREA		

NOTE:
ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

MAIN STREET

FROM FOOTHILL EXPRESSWAY TO STATE STREET

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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△				
△				
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5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
MAIN STREET - FROM FOOTHILL EXPRESSWAY TO STATE ST
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	PWC XXXX
FEDERAL PROJECT:	
DESIGNED BY:	WPM
CHECKED BY:	DA
DRAWN BY:	WPM
DATE:	APRIL 2025

SCALE: AS SHOWN

0 1"

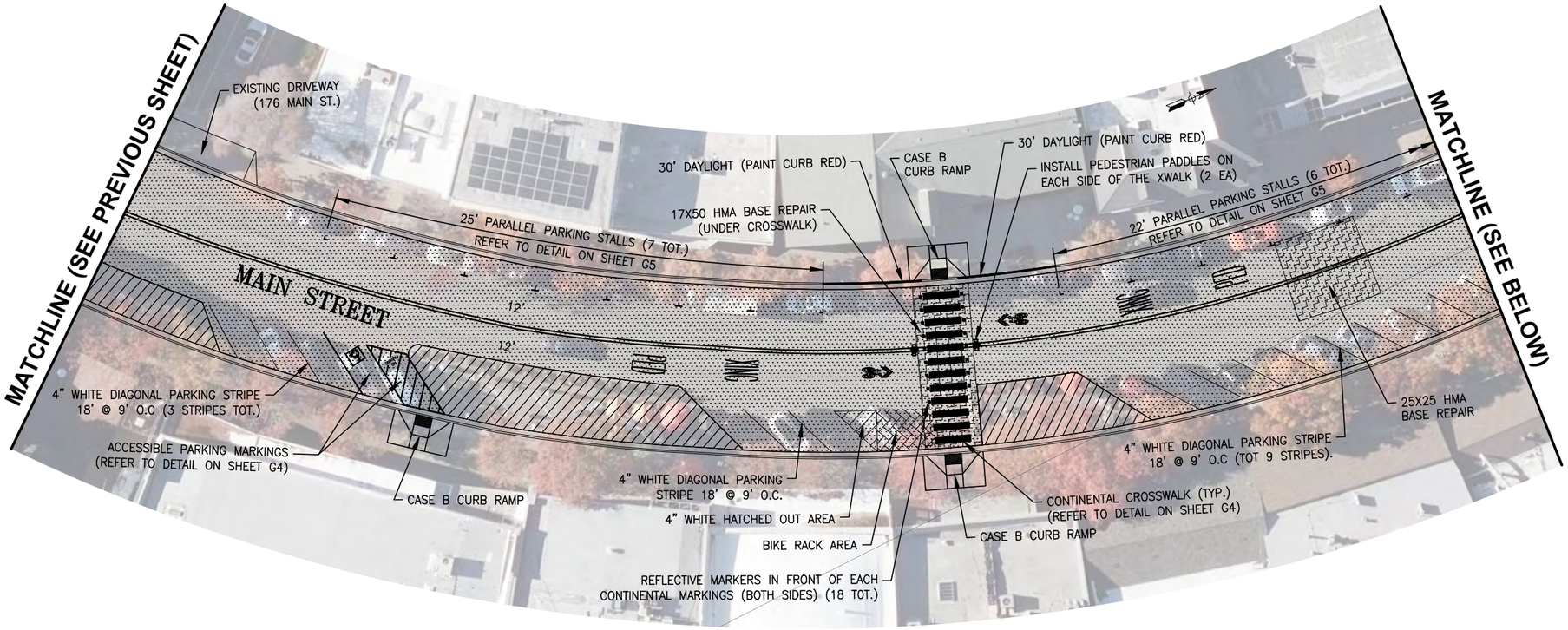
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

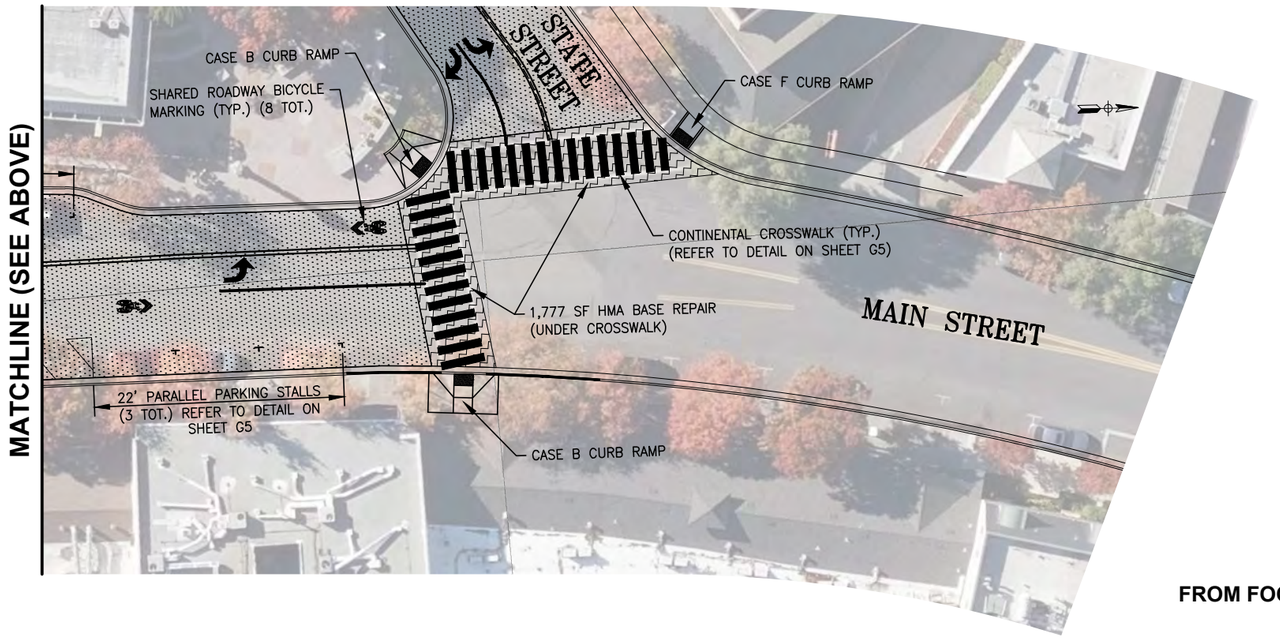
DRAWING: C1

SHEET 6 OF 20

14

PLOT DATE: Apr 06, 2025 - 10:01pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_01_MAIN STREET.dwg





MAIN STREET

FROM FOOTHILL EXPRESSWAY TO STATE STREET

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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85% DRAFT

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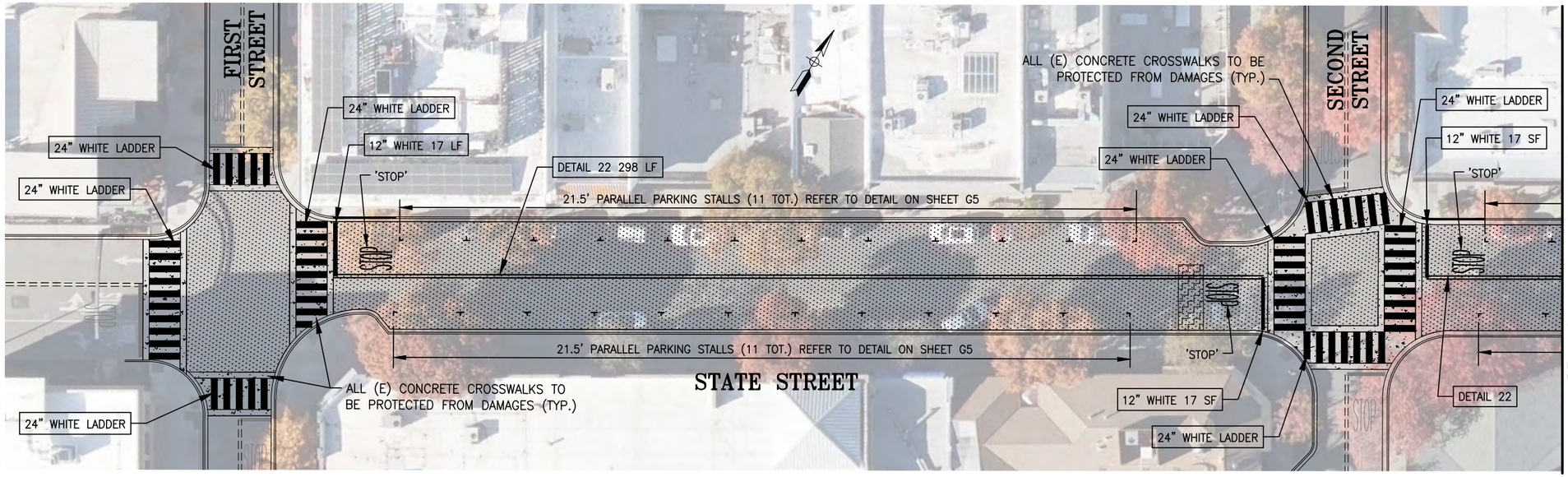
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
MAIN STREET - FROM FOOTHILL EXPRESSWAY TO STATE ST
PUBLIC WORKS DEPARTMENT

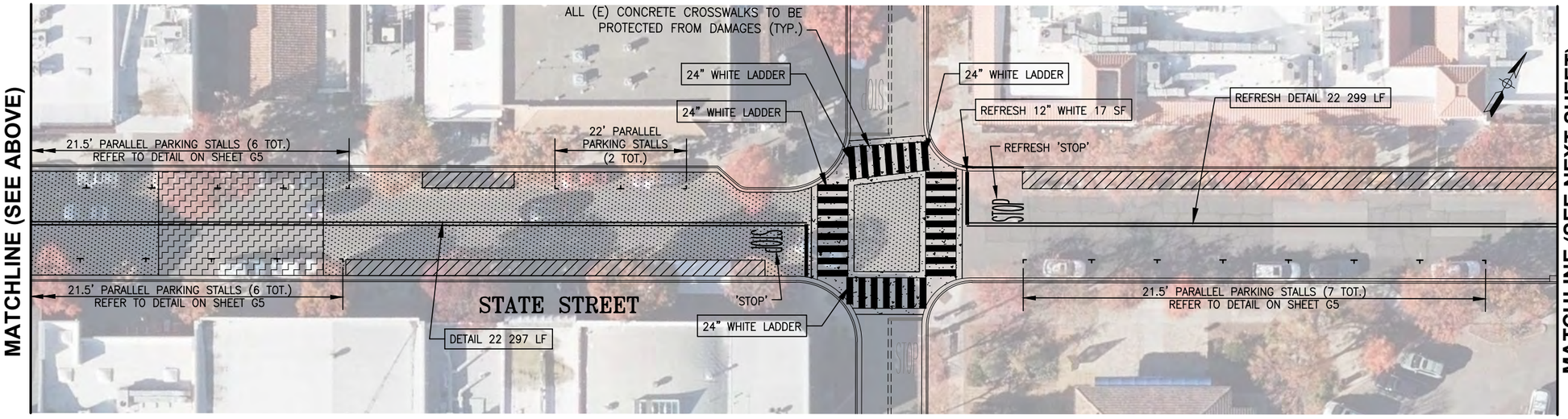
APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C2
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 7 OF 15

PLOT DATE: Apr 06, 2025 - 10:04pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_01_MAIN STREET.dwg



THIRD STREET



LEGEND & QUANTITY TABLE			
	4" HMA BASE REPAIR	2,005 SF	223 SY
	MICROSURFACE	24,610 SF	2,735 SY
	PARKLET AREA		

NOTE:
ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

STATE STREET

FROM 1ST STREET TO MAIN STREET

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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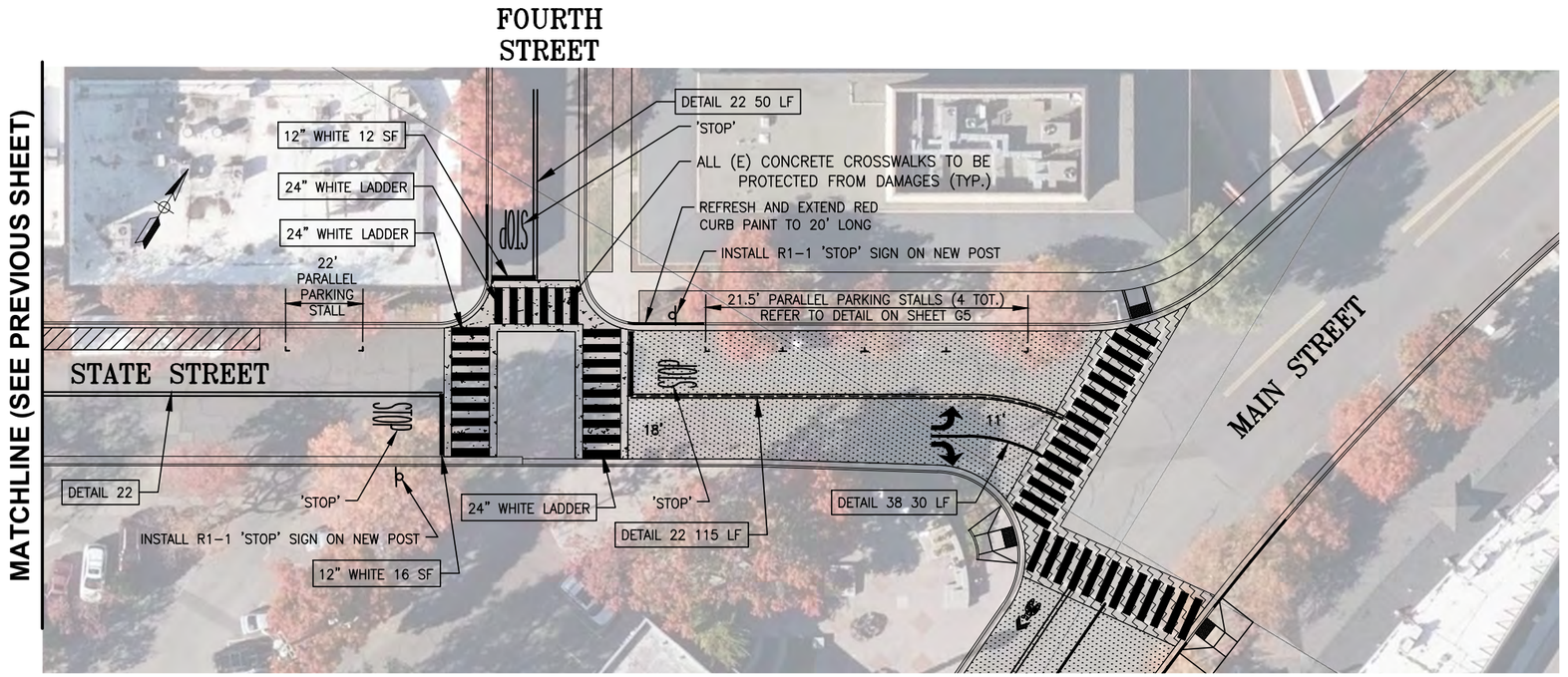
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
STATE STREET - FROM 1ST STREET TO MAIN STREET
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C3
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 8 OF 20

PLOT DATE: Apr 06, 2025 - 10:08pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_02_STATE STREET.dwg



STATE STREET

FROM 1ST STREET TO MAIN STREET

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

PLOT DATE: Apr 06, 2025 - 10:14pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_02_STATE STREET.dwg

No.	DATE	REVISION	BY	APPD
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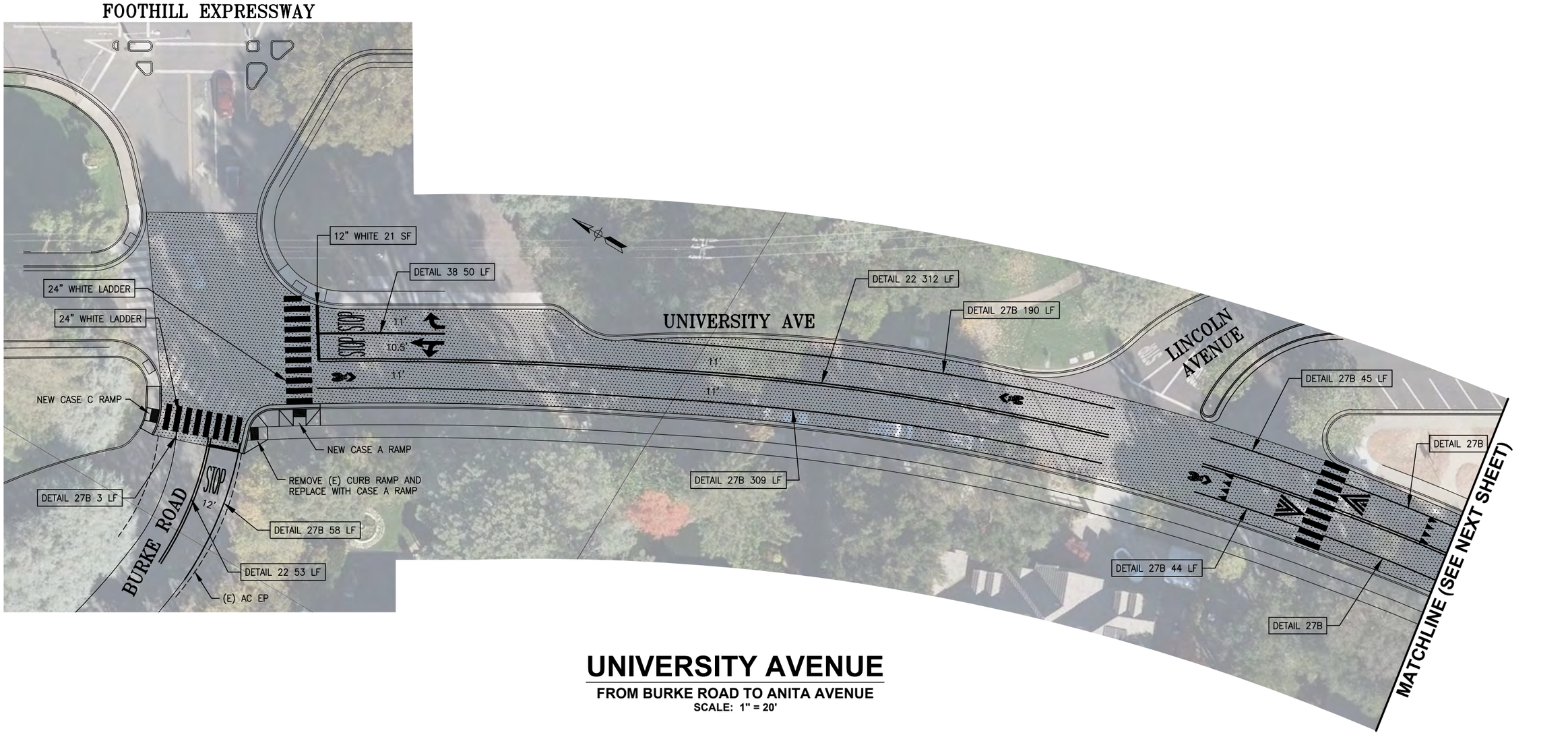
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
STATE STREET - FROM 1ST STREET TO MAIN STREET
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C4
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 9 of 20



UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'

LEGEND & QUANTITY TABLE			
	4" HMA BASE REPAIR	1,306 SF	145 SY
	MICROSURFACE	217,504 SF	24,168 SY

NOTE:
ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
△				
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85% DRAFT

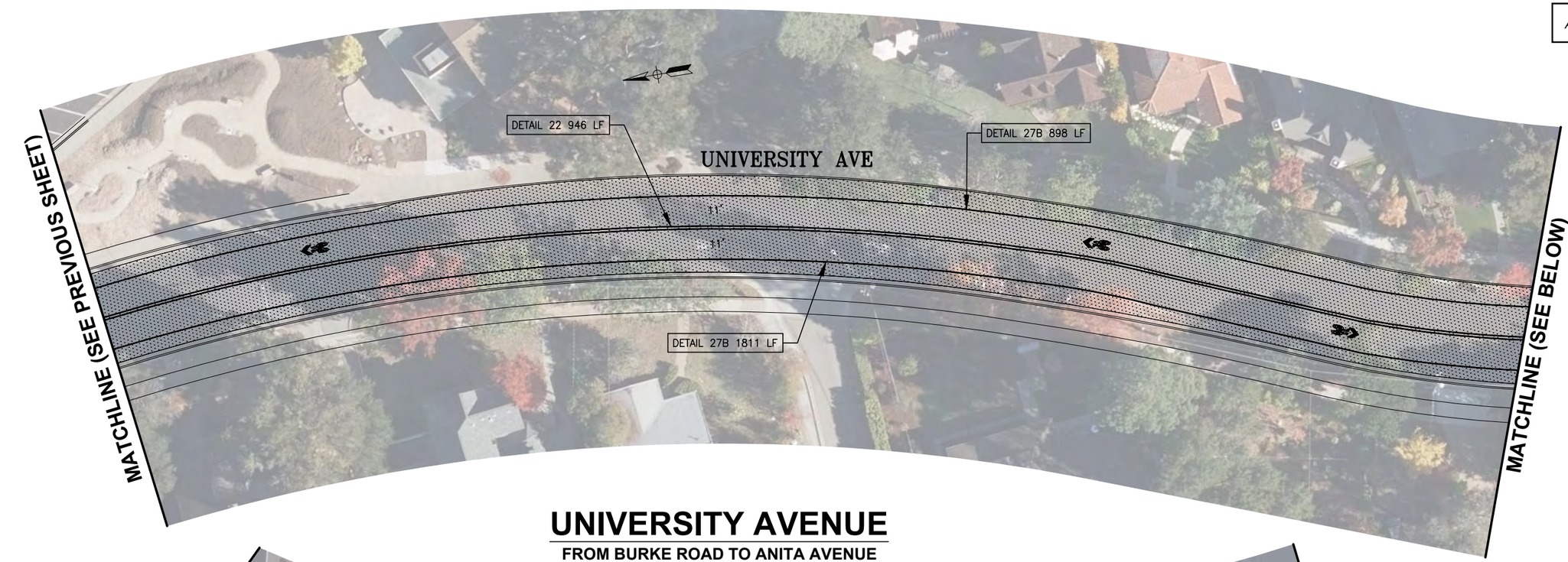
AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C5
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 10 OF 20

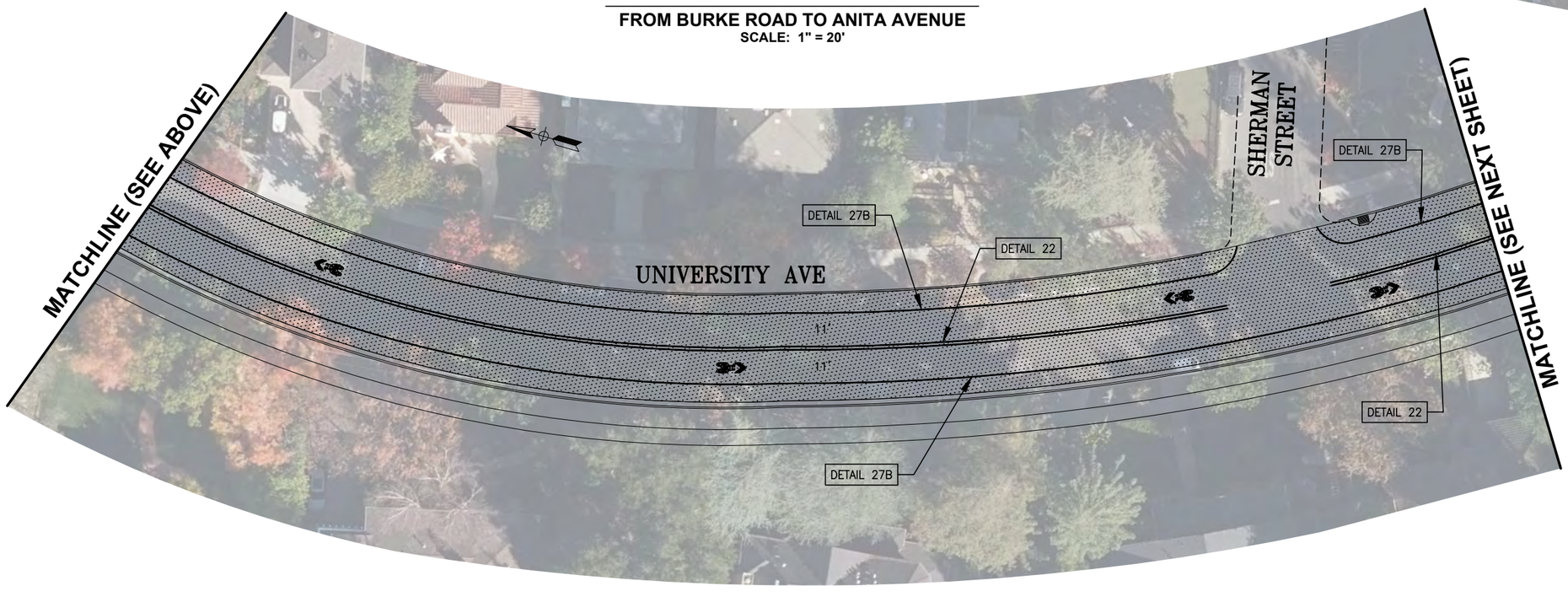
PLOT DATE: Apr 06, 2025 - 11:14pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_03_UNIVERSITY.dwg



UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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85% DRAFT

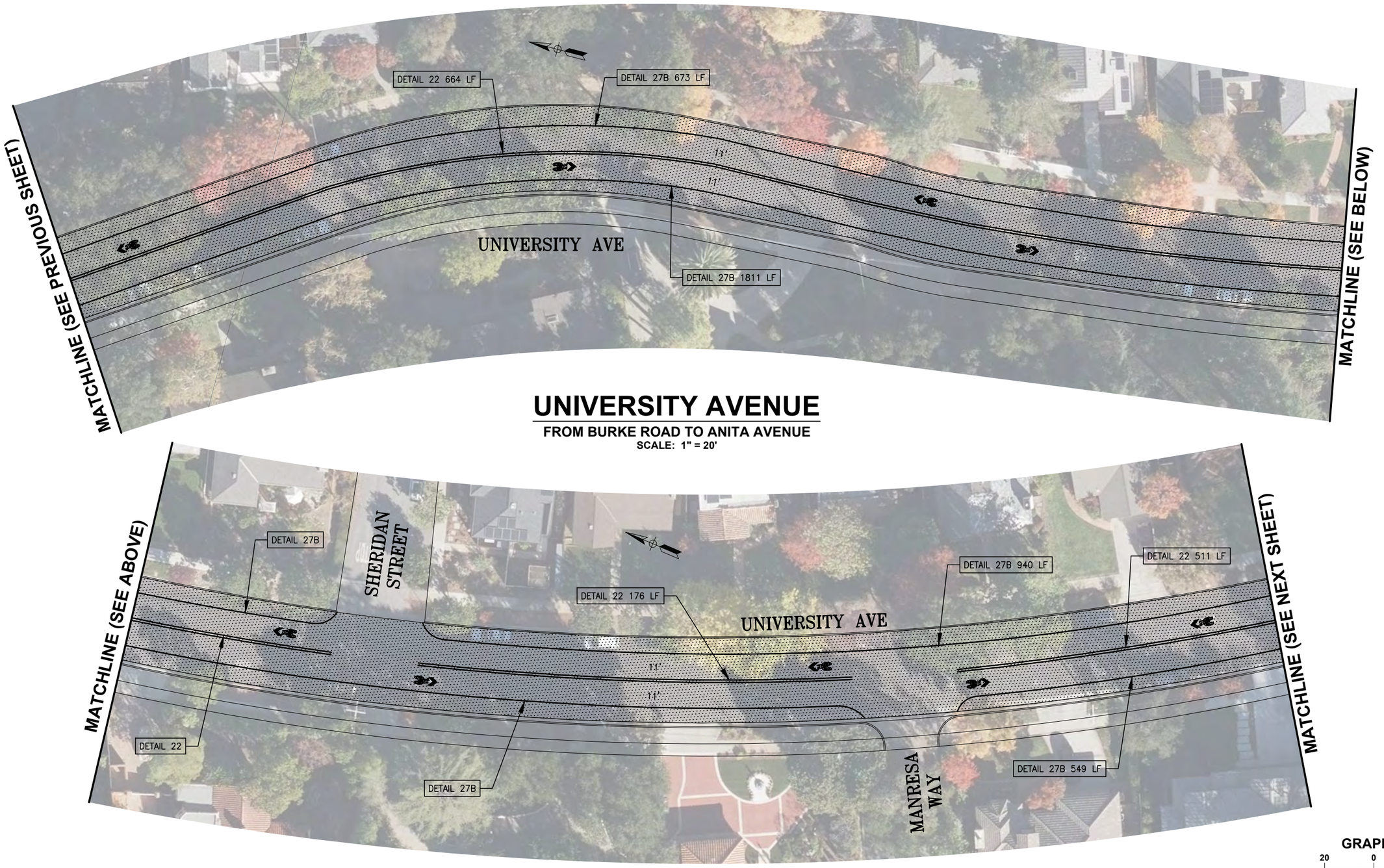
AIM
ENGINEERING
CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C6
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 11 OF 20

PLOT DATE: Apr 06, 2025 - 11:14pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_03_UNIVERSITY.dwg



UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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85% DRAFT

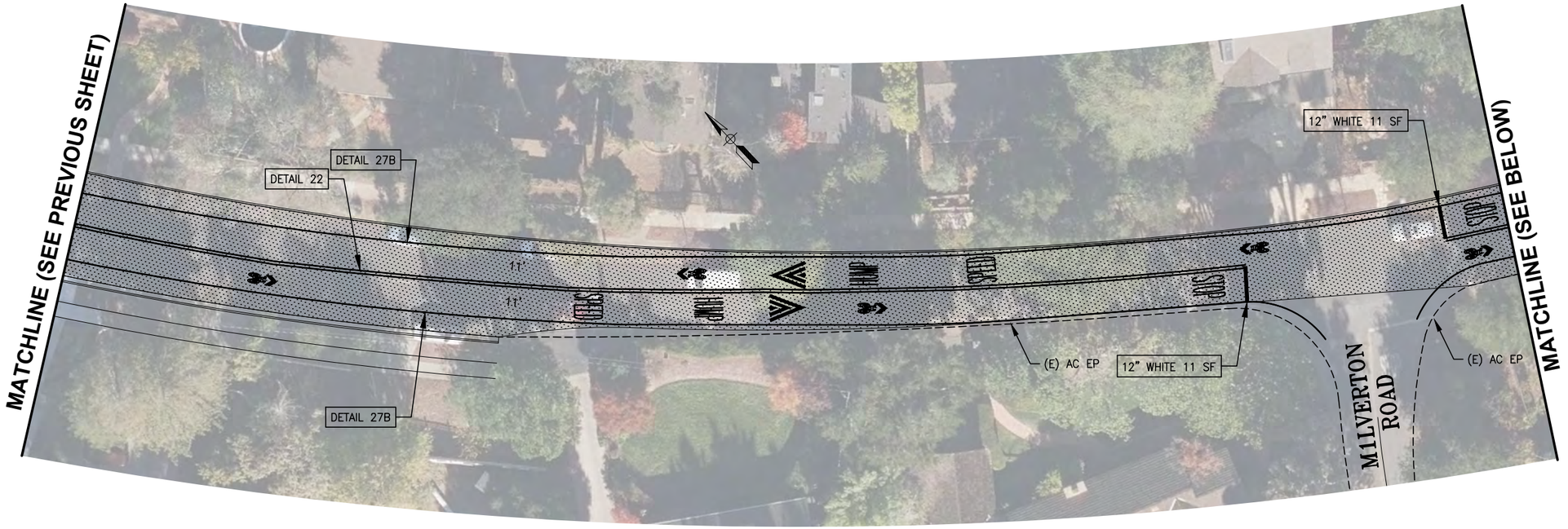
AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C7
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 12 OF 20

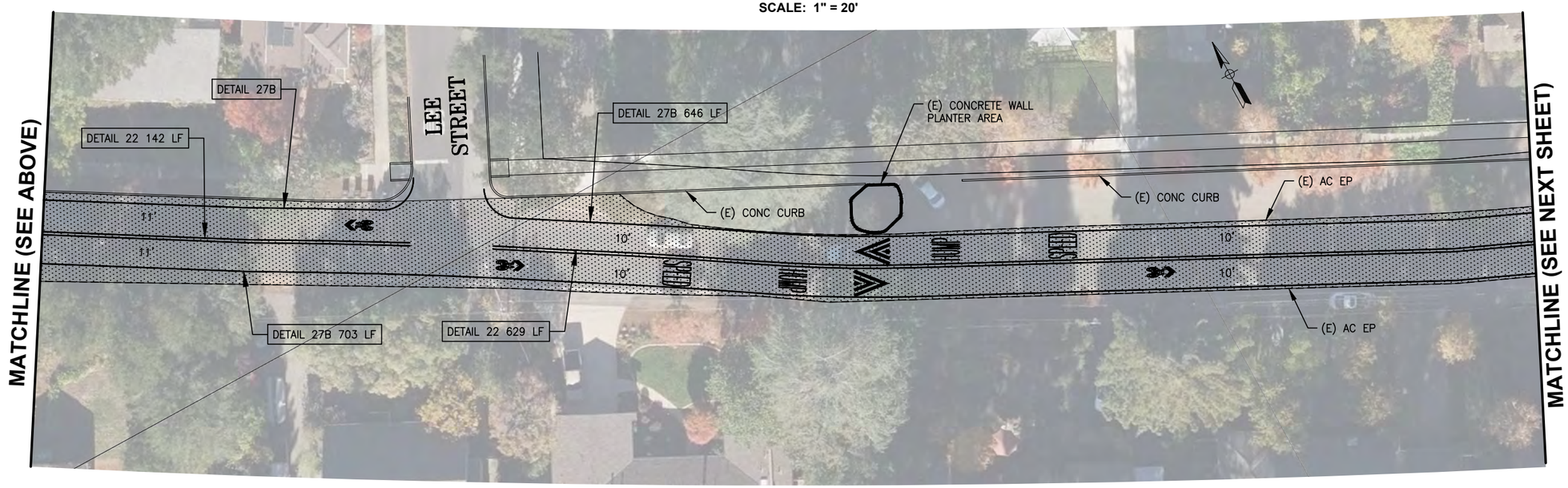
PLOT DATE: Apr 06, 2025 – 11:16pm FILE: D:\City of Los Altos\DWG – Mar 5 2025\PLAN_03_UNIVERSITY.dwg



UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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85% DRAFT

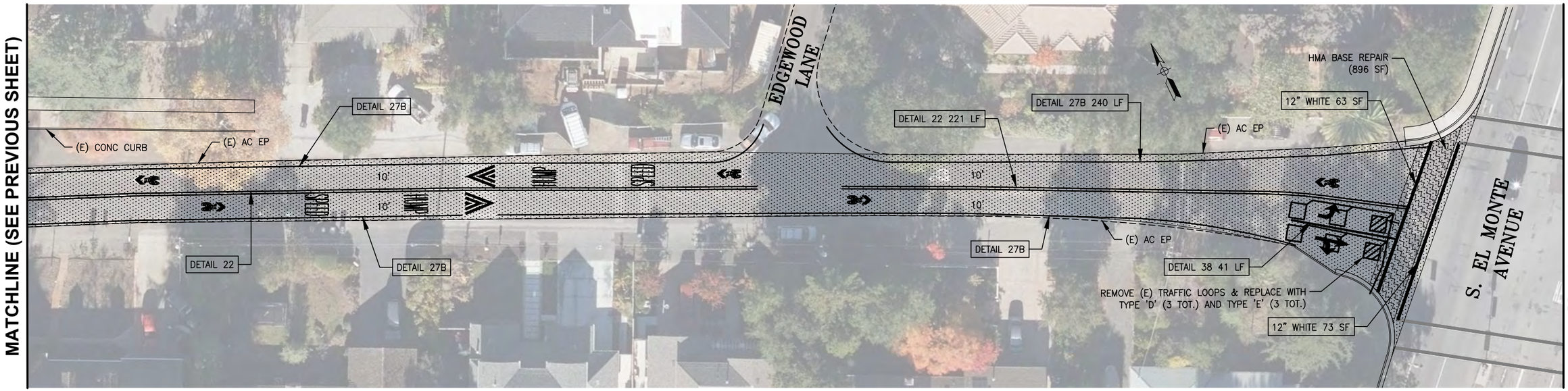
AIM
ENGINEERING
CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

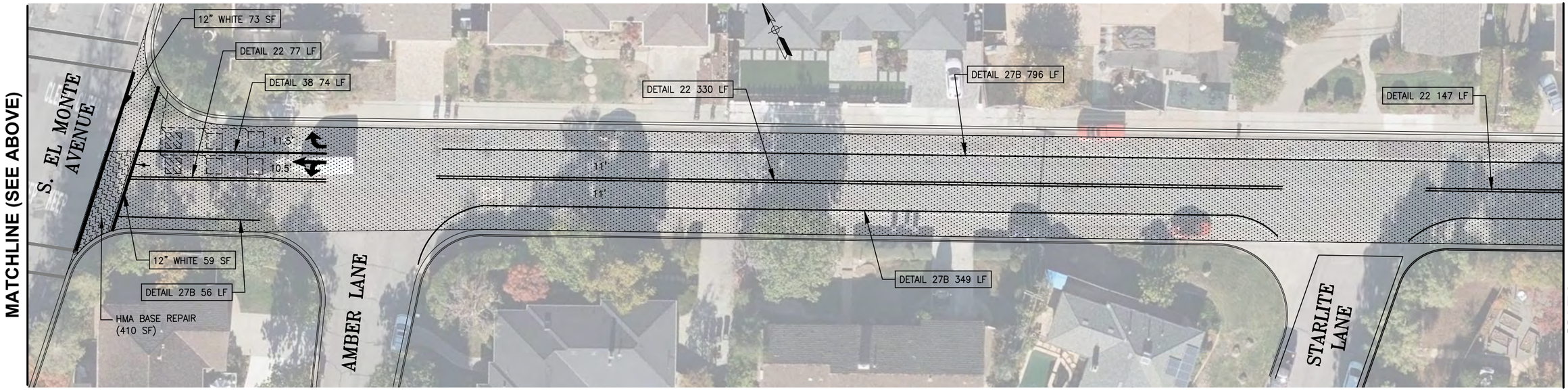
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C8
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 13 OF 20

PLOT DATE: Apr 06, 2025 – 11:17pm FILE: D:\City of Los Altos\DWG – Mar 5 2025\PLAN_03_UNIVERSITY.dwg





UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

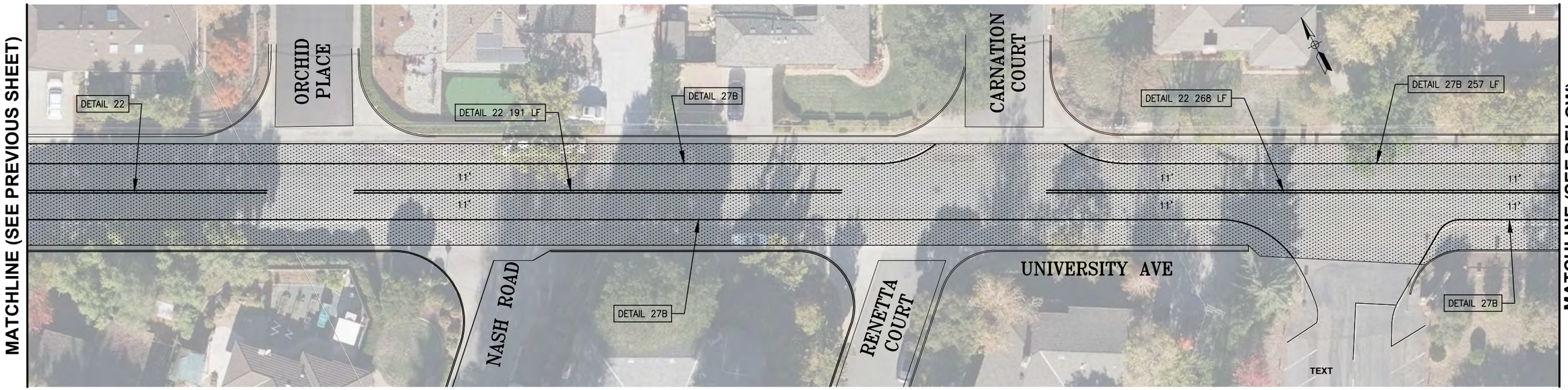
CITY PROJECT:	PWC XXXX
FEDERAL PROJECT:	
DESIGNED BY:	WPM
CHECKED BY:	DA
DRAWN BY:	WPM
DATE:	APRIL 2025

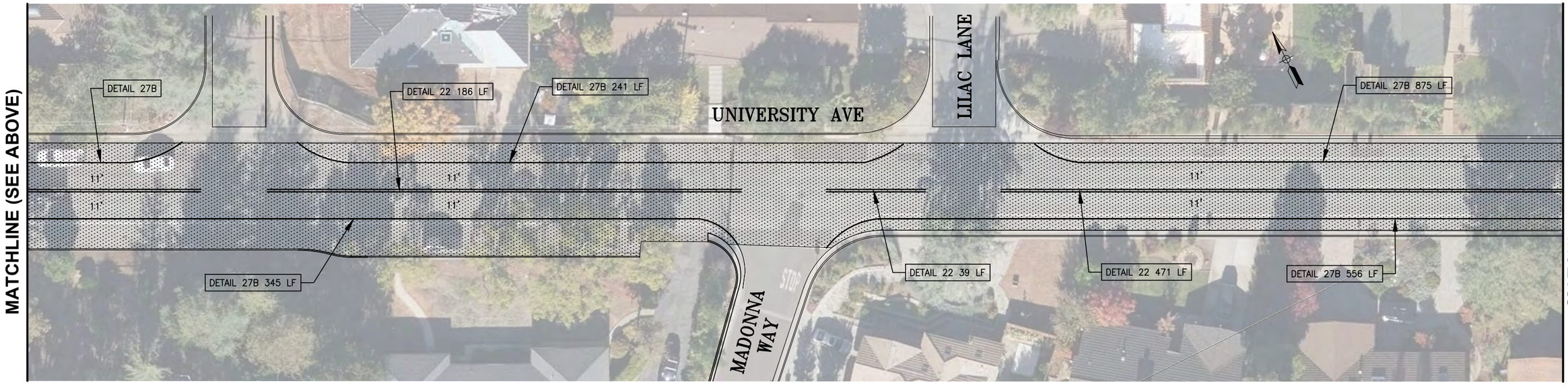
SCALE: AS SHOWN
0 1"
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: C9

SHEET 14 OF 20

PLOT DATE: Apr 06, 2025 - 11:43pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_03_UNIVERSITY.dwg





UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
1				
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3				
4				

85% DRAFT

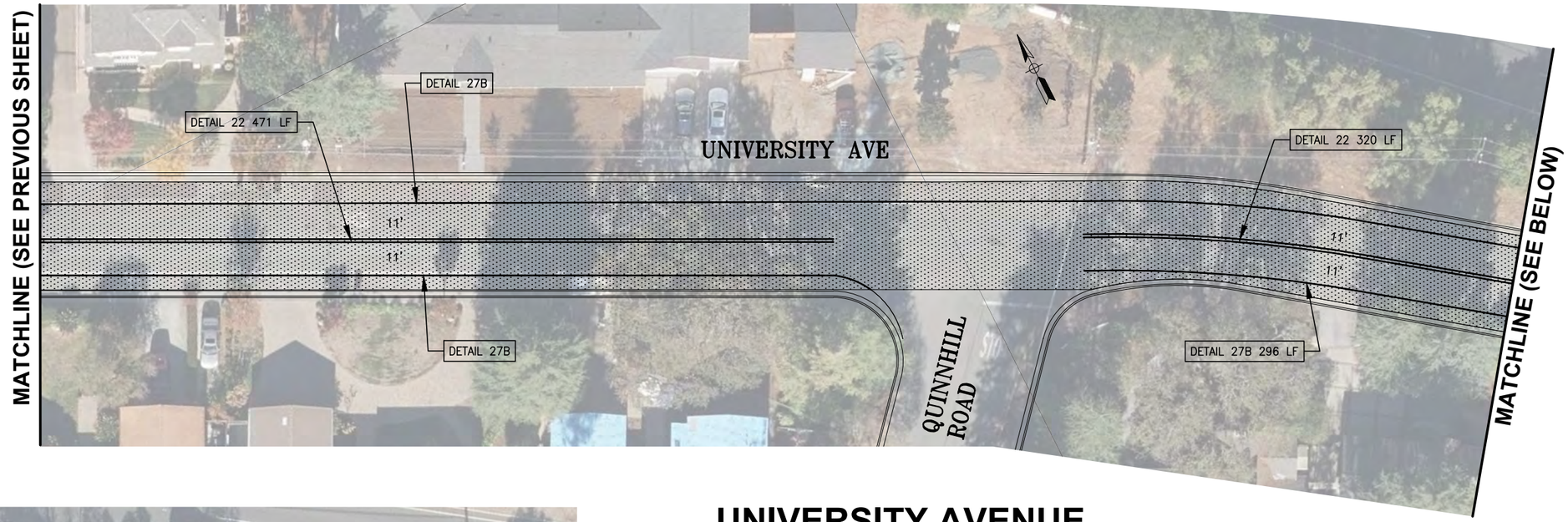
AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

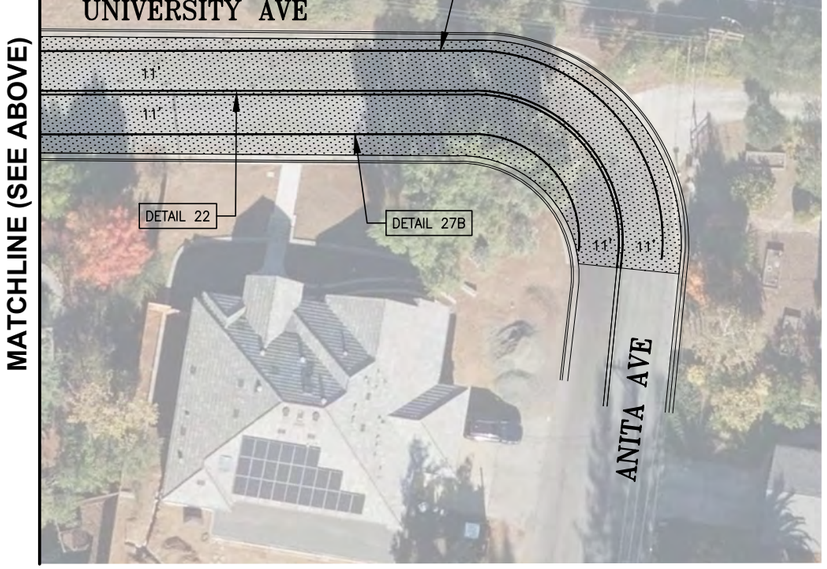
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C10
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 15 of 23

PLOT DATE: Apr 06, 2025 – 11:43pm FILE: D:\City of Los Altos\DWG – Mar 5 2025\PLAN_03_UNIVERSITY.dwg





UNIVERSITY AVENUE

FROM BURKE ROAD TO ANITA AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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85% DRAFT

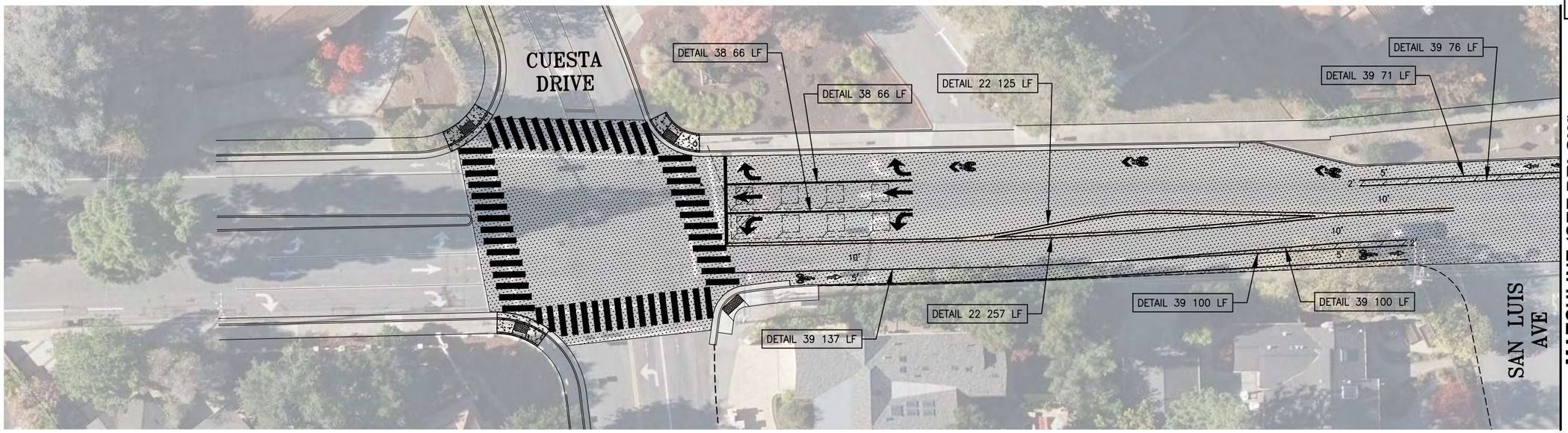
AIM
ENGINEERING
CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

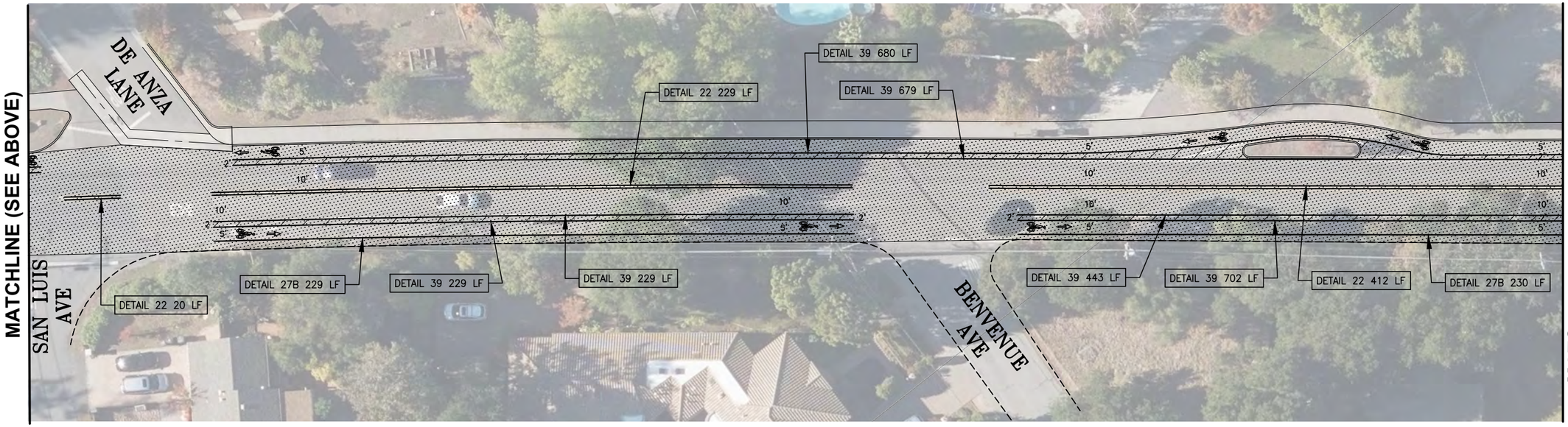
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
UNIVERSITY AVE - FROM BURKE ROAD TO ANITA AVENUE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C11
FEDERAL PROJECT:	0 1"	
DESIGNED BY: WPM / CHECKED BY: DA	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 16 OF 26

PLOT DATE: Apr 06, 2025 - 11:44pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_03_UNIVERSITY.dwg





LEGEND & QUANTITY TABLE			
	4" HMA BASE REPAIR	TBA SF	TBA SY
	MICROSURFACE	145,736 SF	16,193 SY
	PARKLET AREA		

NOTE:
ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

S. EL MONTE AVENUE

FROM CUESTA DRIVE TO CLARK AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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△				
△				

85% DRAFT

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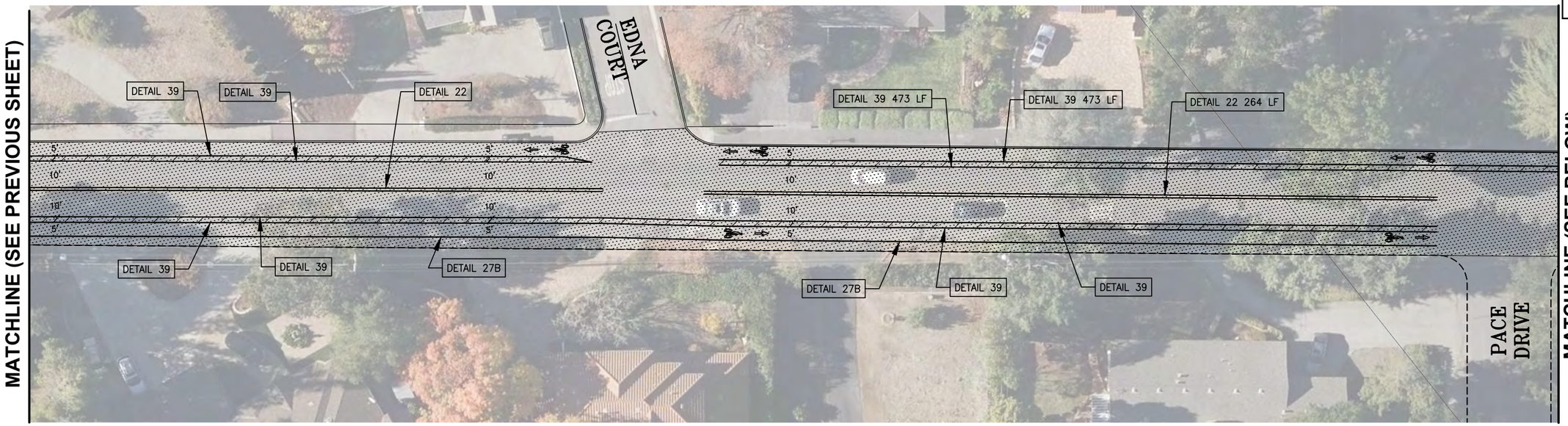
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

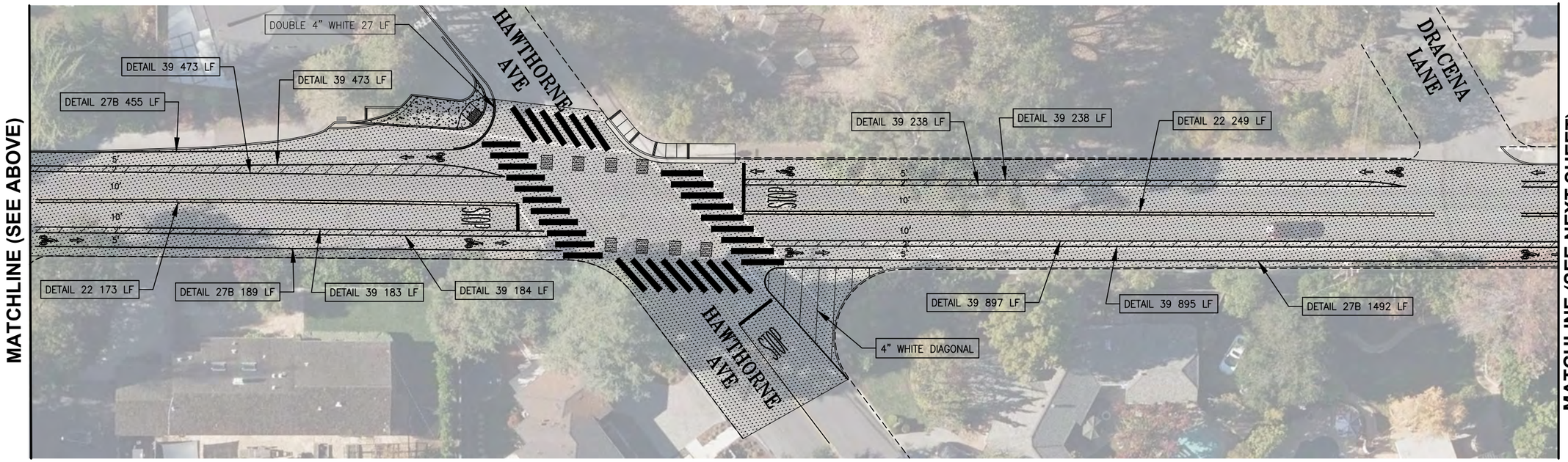
CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
S. EL MONTE AVE - FROM CUESTA DRIVE TO CLARK AVE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C12
FEDERAL PROJECT:	0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DESIGNED BY: WPM / CHECKED BY: DA		
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 17 OF 25

PLOT DATE: Apr 06, 2025 - 11:47pm FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_04_EL MONTE.dwg





S. EL MONTE AVENUE

FROM CUESTA DRIVE TO CLARK AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
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△				
△				

85% DRAFT

AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
S. EL MONTE AVE - FROM CUESTA DRIVE TO CLARK AVE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	PWC XXXX
FEDERAL PROJECT:	
DESIGNED BY:	WPM
CHECKED BY:	DA
DRAWN BY:	WPM
DATE:	APRIL 2025

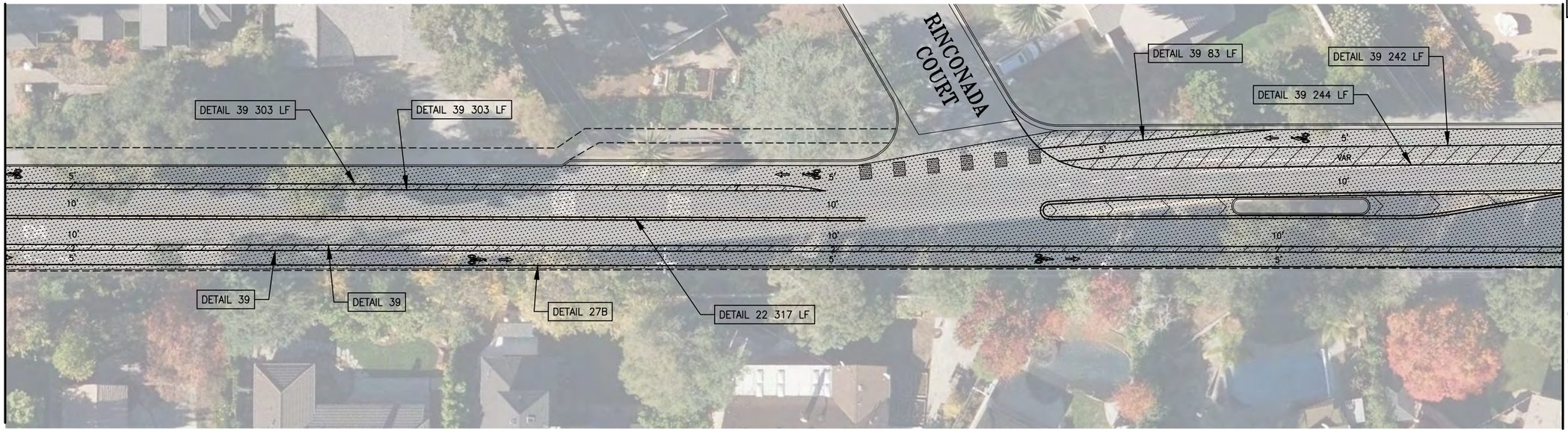
SCALE: AS SHOWN
0 1"
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: C13

SHEET 18 OF 26

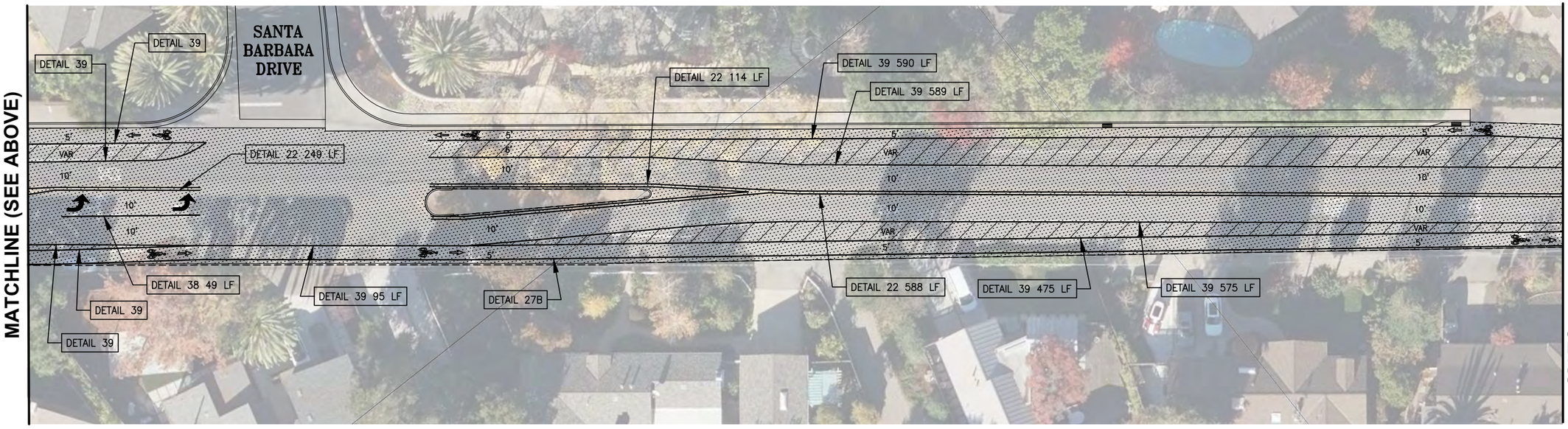
PLOT DATE: Apr 06, 2025 – 11:54pm FILE: D:\City of Los Altos\DWG – Mar 5 2025\PLAN_04_EL MONTE.dwg

MATCHLINE (SEE PREVIOUS SHEET)



MATCHLINE (SEE BELOW)

MATCHLINE (SEE ABOVE)



MATCHLINE (SEE NEXT SHEET)

S. EL MONTE AVENUE

FROM CUESTA DRIVE TO CLARK AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
1				
2				
3				
4				

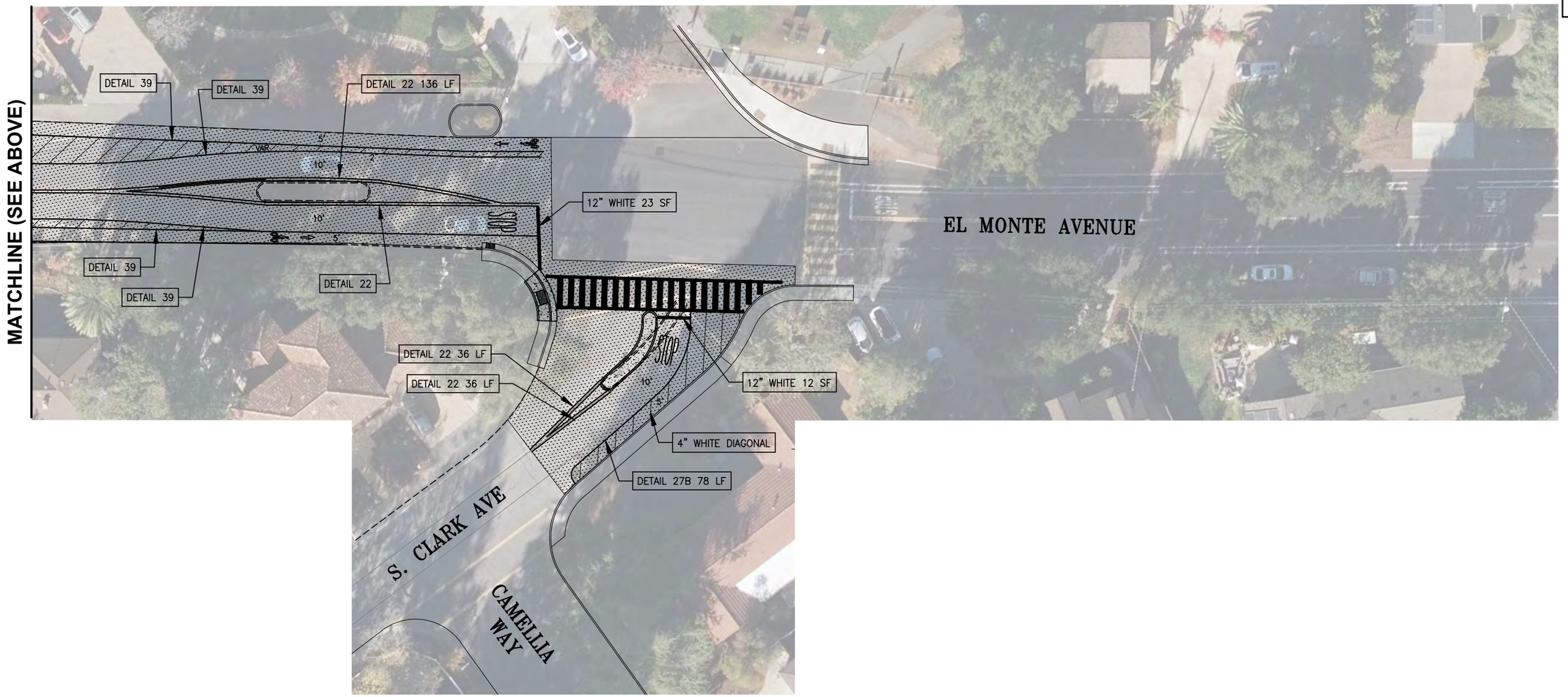
AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
S. EL MONTE AVE - FROM CUESTA DRIVE TO CLARK AVE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	SCALE:	DRAWING:
PWC XXXX	AS SHOWN	C14
FEDERAL PROJECT:	0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.	
DESIGNED BY: WPM / CHECKED BY: DA		
DRAWN BY: WPM / DATE: APRIL 2025		SHEET 19 OF 26

PLOT DATE: Apr 07, 2025 - 12:06am FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_04_EL MONTE.dwg



S. EL MONTE AVENUE

FROM CUESTA DRIVE TO CLARK AVENUE

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

No.	DATE	REVISION	BY	APPD
1				
2				
3				
4				

85% DRAFT

AIM ENGINEERING CONSULTANTS INC.
5424 SUNOL BLVD. STE-10-256
PLEASANTON, CALIFORNIA 94566

CITY OF LOS ALTOS
2025 PAVEMENT REHABILITATION PROJECT
S. EL MONTE AVE - FROM CUESTA DRIVE TO CLARK AVE
PUBLIC WORKS DEPARTMENT

APPROVED -- PRINCIPAL ENGINEER	DATE	RECOMMENDED -- PROJECT MANAGER	DATE
			XX / XX / 202X

CITY PROJECT:	PWC XXXX
FEDERAL PROJECT:	
DESIGNED BY:	WPM
CHECKED BY:	DA
DRAWN BY:	WPM
DATE:	APRIL 2025

SCALE: AS SHOWN
0 1"
NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: C15
SHEET 20 OF 28

PLOT DATE: Apr 07, 2025 - 12:06am FILE: D:\City of Los Altos\DWG - Mar 5 2025\PLAN_04_EL MONTE.dwg

ABBREVIATIONS:

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ACP	ASBESTOS CEMENT PIPE
AT&T	AMERICAN TELEPHONE & TELEGRAPH
BC	BEGIN CURVE, BOTTOM OF CURB
BW	BACK OF WALK
C	CURVE
C&G	CURB & GUTTER
CDF	CONTROLLED DENSITY FILL
CI	CAST IRON
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
COM	COMMUNICATION
CONC	CONCRETE
CY	CUBIC YARD
DI	DRAIN INLET
DIFF	DIFFERENCE IN ELEVATION BETWEEN NEW & EX
DWY	DRIVEWAY
E	ELECTRICAL, EASTING
EC	EDGE OF CONCRETE, END CURVE
EP	EDGE OF PAVEMENT
EX	EXISTING
FDAC	FULL DEPTH ASPHALT CONCRETE
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTICS
FS	FIRE SERVICE
FW	FACE OF WALK
G	GAS
GB	GRADE BREAK
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
HV	HIGH VOLTAGE
HYD	FIRE HYDRANT
INV	INVERT
IRR	IRRIGATION
JP	JOINT POLE
L	LEFT, LINE, LENGTH
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MH	MANHOLE
MISC	MISCELLANEOUS
MON, M	MONUMENT
MW	MONITORING WELL
N	NORTHING
NTS	NOT TO SCALE
OC	ON-CENTER
OH	OVERHEAD UTILITY LINE
PB	PACIFIC BELL
PCC	PORTLAND CEMENT CONCRETE
PE	POLYETHYLENE
PG&E	PACIFIC GAS & ELECTRIC
PIP	PROTECT IN PLACE
PL	PLASTIC
POC	POINT OF CONNECTION
PT	POINT
PVC	POLYVINYL CHLORIDE
R	RADIUS, RIGHT
RC	RELATIVE COMPACTION
RCP	REINFORCED CONCRETE PIPE
REHAB	REHABILITATION
RT	RIGHT
R/W	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SDR	STANDARD DIMENSION RATIO
SL	STATION LINE, STREET LIGHT
SM	SURVEY MARKER
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
SW	SIDEWALK
TC	TOP OF CURB
TEL	TELEPHONE, TELECOM
TFL	THEORETICAL FLOW LINE
TTC	THEORETICAL TOP OF CURB
TYP	TYPICAL
UT	UTILITY
VCP	VITRIFIED CLAY PIPE
W	WEST, WATER
WTR	WATER
WM	WATER METER
WV	WATER VALVE
WW	WELDED WRAP

GENERAL NOTES:

1. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS, AND ORDINANCES OF THE CITY OF LOS ALTOS. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE IN THE OFFICE OF THE CITY ENGINEER.
2. THE OFFICE OF PUBLIC WORKS INSPECTION SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE OF ANY WORK.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UTILITIES. THE UNDERGROUND CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 800-227-2600.
4. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
5. CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS & SHALL SUBMIT A TRAFFIC CONTROL PLAN
6. ALL EXISTING UTILITIES AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
7. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS.
8. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING OR SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MAKE NECESSARY REPAIRS OR RECONSTRUCTION AT CONTRACTOR OWN EXPENSE.WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FOUR FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
9. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
10. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AND IN PLACE BY THE CONTRACTOR DURING CONSTRUCTION UNLESS OTHERWISE SHOWN.
11. CONTRACTOR SHALL PROTECT ALL MONUMENTS.
12. ALL USA MARKINGS TO BE REMOVED AT END OF CONSTRUCTION.

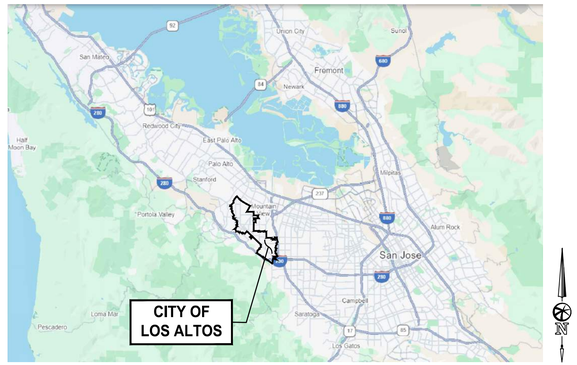
Call Two Working Days Before You Dig!

1-800-227-2600

CITY OF LOS ALTOS

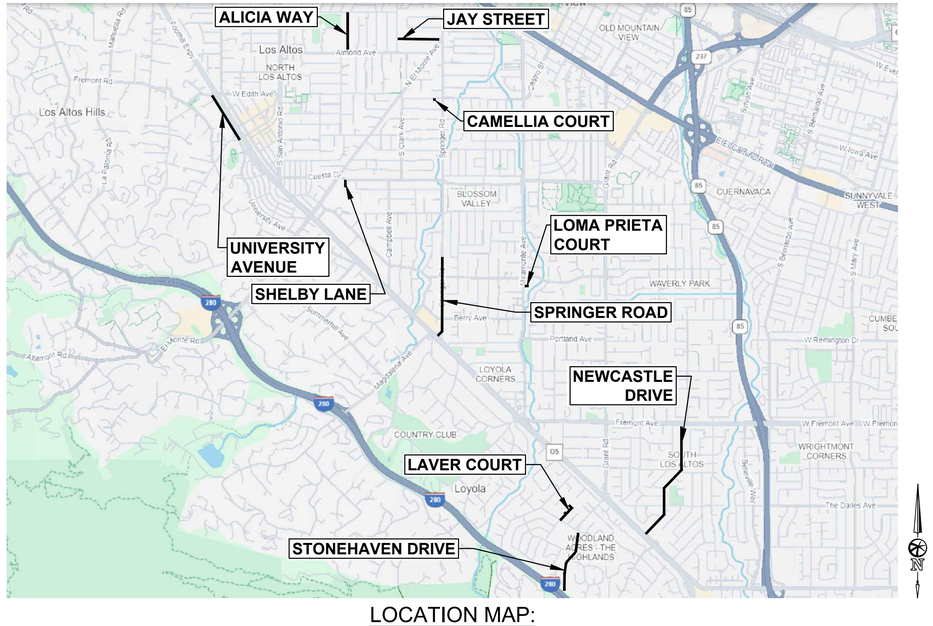
2024-2025 ANNUAL STREET RESURFACING PROJECT

(CXXXX-XX)



VICINITY MAP:

NTS



LOCATION MAP:

NTS

SHEET INDEX:

SHEET NUMBER		DESCRIPTION
1	C1.1	COVER SHEET
2	C2.1	BLUEPRINT FOR A CLEAN BAY
3	C3.1	TYPICAL SECTIONS
4	C3.2	TYPICAL SECTIONS
5	C3.3	TYPICAL SECTIONS
6	C3.4	TYPICAL SECTIONS
7	C3.5	TYPICAL SECTIONS
8	C4.1	IMPROVEMENT PLAN - ALICIA WAY
9	C4.2	IMPROVEMENT PLAN - ALICIA WAY
10	C4.3	IMPROVEMENT PLAN - ALICIA WAY
11	C4.4	IMPROVEMENT PLAN - CAMELLIA COURT
12	C4.5	IMPROVEMENT PLAN - JAY STREET
13	C4.6	IMPROVEMENT PLAN - JAY STREET
14	C4.7	IMPROVEMENT PLAN - JAY STREET
15	C4.8	IMPROVEMENT PLAN - LAVER COURT
16	C4.9	IMPROVEMENT PLAN - LAVER COURT
17	C4.10	IMPROVEMENT PLAN - LOMA PRIETA COURT
18	C4.11	IMPROVEMENT PLAN - NEWCASTLE DRIVE
19	C4.12	IMPROVEMENT PLAN - NEWCASTLE DRIVE
20	C4.13	IMPROVEMENT PLAN - NEWCASTLE DRIVE
21	C4.14	IMPROVEMENT PLAN - NEWCASTLE DRIVE
22	C4.15	IMPROVEMENT PLAN - NEWCASTLE DRIVE
23	C4.16	IMPROVEMENT PLAN - NEWCASTLE DRIVE
24	C4.17	IMPROVEMENT PLAN - NEWCASTLE DRIVE
25	C4.18	IMPROVEMENT PLAN - SHELBY LANE
26	C4.19	IMPROVEMENT PLAN - SPRINGER ROAD
27	C4.20	IMPROVEMENT PLAN - SPRINGER ROAD
28	C4.21	IMPROVEMENT PLAN - SPRINGER ROAD
29	C4.22	IMPROVEMENT PLAN - SPRINGER ROAD
30	C4.23	IMPROVEMENT PLAN - SPRINGER ROAD
31	C4.24	IMPROVEMENT PLAN - STONEHAVEN DRIVE
32	C4.25	IMPROVEMENT PLAN - STONEHAVEN DRIVE
33	C4.26	IMPROVEMENT PLAN - STONEHAVEN DRIVE
34	C4.27	IMPROVEMENT PLAN - STONEHAVEN DRIVE
35	C4.28	IMPROVEMENT PLAN - UNIVERSITY AVENUE
36	C4.29	IMPROVEMENT PLAN - UNIVERSITY AVENUE
37	C4.30	IMPROVEMENT PLAN - UNIVERSITY AVENUE
38	C4.31	IMPROVEMENT PLAN - UNIVERSITY AVENUE
39	C5.1	CIVIL DETAILS
40	C5.2	CIVIL DETAILS
41	C5.3	CIVIL DETAILS
42	C5.4	CURB RAMP DETAILS
43	C5.5	CURB RAMP DETAILS
44	C5.6	CURB RAMP DETAILS
45	C5.7	CURB RAMP DETAILS
46	C5.8	CURB RAMP DETAILS
47	C5.9	CURB RAMP DETAILS
48	C5.10	CURB RAMP DETAILS
49	C5.11	CURB RAMP DETAILS
50	C5.12	CURB RAMP DETAILS

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

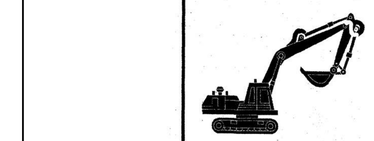
REGISTERED PROFESSIONAL ENGINEER
JOSEPH MUCAY
No. 87453
CIVIL
STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
COVER SHEET
SANTA CLARA COUNTY CALIFORNIA
LOS ALTOS

DWG NO. C1.1
1 OF 50
JOB NO. 250007

Heavy Equipment Operation

Best Management Practices for the Construction Industry



Best Management Practices for the

- Vehicle and equipment operators
- Site supervisors
- General contractors
- Home builders
- Developers

Doing the Job Right

Site Planning and Preventive Vehicle Maintenance

- ☐ Maintain all vehicles and heavy equipment. Inspect frequently for and repair leaks.
- ☐ Perform major maintenance, repair jobs, and vehicle and equipment washing off site where cleanup is easier.
- ☐ If you must drain and replace motor oil, radiator coolant, or other fluids on site, use drip pans or drop cloths to catch drips and spills. Collect all spent fluids, store in separate containers, and properly dispose as hazardous waste (recycle whenever possible).
- ☐ Do not use diesel oil to lubricate equipment parts, or clean equipment. Use only water for any onsite cleaning.
- ☐ Cover exposed fifth wheel hitches and other oily or greasy equipment during rain events.

Storm water Pollution from Heavy Equipment on Construction Sites

Poorly maintained vehicles and heavy equipment that leak fuel, oil, antifreeze or other fluids on the construction site are common sources of storm drain pollution. Prevent spills and leaks by isolating equipment from runoff channels, and by watching for leaks and other maintenance problems. Remove construction equipment from the site as soon as possible

Spill Cleanup

- ☐ Clean up spills immediately when they happen.
- ☐ Never hose down "dirty" pavement or impermeable surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags) whenever possible and properly dispose of absorbent materials.
- ☐ Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- ☐ Use as little water as possible for dust control. Ensure water used doesn't leave silt or discharge to storm drains.
- ☐ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ☐ Report significant spills to the appropriate local spill response agencies immediately.
- ☐ If the spill poses a significant hazard to human health and safety, property or the environment, you must also report it to the State Office of Emergency Services

Roadwork and Paving

Best Management Practices for the Construction Industry

Best Management Practices for the

- Road crews
- Driveway/sidewalk/parking lot construction crews
- Seal coat contractors
- Operators of grading equipment, paving machines, dump trucks, concrete mixers
- Construction inspectors
- General contractors
- Home builders
- Developers

Doing The Job Right

General Business Practices

- ☐ Develop and implement erosion/sediment control plans for roadway embankments.
- ☐ Schedule excavation and grading work during dry weather.
- ☐ Check for and repair leaking equipment.
- ☐ Perform major equipment repairs at designated areas in your maintenance yard, where cleanup is easier. Avoid performing equipment repairs at construction sites.
- ☐ When refueling or when vehicle/equipment maintenance must be done on site, designate a location away from storm drains and creeks.
- ☐ Do not use diesel oil to lubricate equipment parts or clean equipment.
- ☐ Recycle used oil, concrete, broken asphalt, etc. whenever possible, or dispose of properly.

During Construction

- ☐ Avoid paving and seal coating in wet weather, or when rain is forecast, to prevent fresh materials from contacting stormwater runoff.
- ☐ Cover and seal catch basins and manholes when applying seal coat, slurry seal, fog seal, or similar materials.
- ☐ Protect drainage ways by using earth dikes, sand bags, or other controls to divert or trap and filter runoff.

Storm Drain Pollution from Roadwork

Road paving, surfacing, and pavement removal happen right in the street, where there are numerous opportunities for asphalt, saw-cut slurry, or excavated material to illegally enter storm drains. Extra planning is required to store and dispose of materials properly and guard against pollution of storm drains, creeks, and the Bay.

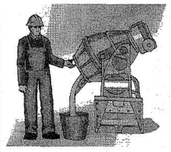
- ☐ Never wash excess material from exposed- aggregate concrete or similar treatments into a street or storm drain. Collect and recycle, or dispose to dirt area.
- ☐ Cover stockpiles (asphalt, sand, etc.) and other construction materials with plastic tarps. Protect from rainfall and prevent runoff with temporary roofs or plastic sheets and berms.
- ☐ Park paving machines over drip pans or absorbent material (cloth, rags, etc.) to catch drips when not in use.
- ☐ Clean up all spills and leaks using "dry" methods (with absorbent materials and/or rags), or dig up, remove, and properly dispose of contaminated soil.
- ☐ Collect and recycle or appropriately dispose of excess abrasive gravel or sand.
- ☐ Avoid over-application by water trucks for dust control.

Asphalt/Concrete Removal

- ☐ Avoid creating excess dust when breaking asphalt or concrete.
- ☐ After breaking up old pavement, be sure to remove all chunks and pieces. Make sure broken pavement does not come in contact with rainfall or runoff.
- ☐ When making saw cuts, use as little water as possible. Shovel or vacuum saw-cut slurry and remove from the site. Cover or protect storm drain inlets during saw-cutting. Sweep up, and properly dispose of, all residues.
- ☐ Sweep, never hose down streets to clean up tracked dirt. Use a street sweeper or vacuum truck. Do not dump vacuumed liquor in storm drains.

Fresh Concrete and Mortar Application

Best Management Practices for the Construction Industry



Best Management Practices for the

- Masons and bricklayers
- Sidewalk construction crews
- Patio construction workers
- Construction inspectors
- General contractors
- Home builders
- Developers
- Concrete delivery/pumping workers

Doing The Job Right

General Business Practices

- ☐ Wash out concrete mixers only in designated wash-out areas in your yard, away from storm drains and waterways, where the water will flow into a temporary waste pit in a dirt area. Let water percolate through soil and dispose of settled, hardened concrete as garbage. Whenever possible, recycle washout by pumping back into mixers for reuse.
- ☐ Wash out chutes onto dirt areas at site that do not flow to streets or drains.
- ☐ Always store both dry and wet materials under cover, protected from rainfall and runoff and away from storm drains or waterways. Protect dry materials from wind.
- ☐ Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from streets, gutters, storm drains, rainfall, and runoff.
- ☐ Do not use diesel fuel as a lubricant on concrete forms, tools, or trailers.

Storm Drain Pollution from Fresh Concrete and Mortar Applications

Fresh concrete and cement-related mortars that wash into lakes, streams, or estuaries are toxic to fish and the aquatic environment. Disposing of these materials to the storm drains or creeks can block storm drains, causes serious problems, and is prohibited by law.

During Construction

- ☐ Don't mix up more fresh concrete or cement than you will use in a two-hour period.
- ☐ Set up and operate small mixers on tarps or heavy plastic drop cloths.
- ☐ When cleaning up after driveway or sidewalk construction, wash fines onto dirt areas, not down the driveway or into the street or storm drain.
- ☐ Protect applications of fresh concrete and mortar from rainfall and runoff until the material has dried.
- ☐ Wash down exposed aggregate concrete only when the wash water can (1) flow onto a dirt area; (2) drain onto a bermed surface from which it can be pumped and disposed of properly; or (3) be vacuumed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms. Make sure runoff does not reach gutters or storm drains.
- ☐ When breaking up pavement, be sure to pick up all the pieces and dispose of properly. Recycle large chunks of broken concrete at a landfill.
- ☐ Never bury waste material. Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.
- ☐ Never dispose of washout into the street, storm drains, drainage ditches, or streams.

Preventing Pollution: It's Up to Us

In the Santa Clara Valley, storm drains transport water directly to local creeks and San Francisco Bay without treatment. Storm water pollution is a serious problem for wildlife dependent on our waterways and for the people who live near polluted streams or bay lands. Some common sources of this pollution include spilled oil, fuel, and fluids from vehicles and heavy equipment; construction debris; sediment created by erosion; landscaping runoff containing pesticides or weed killers; and materials such as used motor oil, antifreeze, and paint products that people pour or spill into a street or storm drain.

Thirteen valley municipalities have joined together with Santa Clara County and the Santa Clara Valley Water District to educate local residents and businesses and fight storm water pollution. TO comply with this program, contractors most comply with the practices described this drawing sheet.

Spill Response Agencies

DIAL 9-1-1

State Office of Emergency Services Warning Center (24 hours): **800-852-7550**

Santa Clara County Environmental Health Services: (408) 299-6930

Local Pollution Control Agencies

County of Santa Clara Pollution Prevention Program: (408) 441-1195

County of Santa Clara Integrated Waste Management Program: (408) 441-1198

County of Santa Clara District Attorney Environmental Crimes Hotline: (408) 299-TIPS

Santa Clara County Recycling Hotline: 1-800-533-8414

Santa Clara Valley Water District: (408) 265-2600

Santa Clara Valley Water District Pollution Hotline: 1-888-510-5151

Regional Water Quality Control Board San Francisco Bay Region: (510) 622-2300

Palo Alto Regional Water Quality Control Plant: (650) 329-2598

Serving East Palo Alto Sanitary District, Los Altos, Los Altos Hills, Mountain View, Palo Alto, Stanford

City of Los Altos

Building Department: (650) 947-2752

Engineering Department: (650) 947-2780

Landscaping, Gardening, and Pool Maintenance

Best Management Practices for the Construction Industry

Best Management Practices for the

- Landscapers
- Gardeners
- Swimming pool/spa service and repair workers
- General contractors
- Home builders
- Developers
- Homeowners

Doing The Right Job

General Business Practices

- ☐ Protect stockpiles and landscaping materials from wind and rain by storing them under tarps or secured plastic sheeting.
- ☐ Store pesticides, fertilizers, and other chemicals indoors or in a shed or storage cabinet.
- ☐ Schedule grading and excavation projects during dry weather.
- ☐ Use temporary check dams or ditches to divert runoff away from storm drains.
- ☐ Protect storm drains with sandbags or other sediment controls.
- ☐ Re-vegetation is an excellent form of erosion control for any site

Landscaping/Garden Maintenance

- ☐ Use pesticides sparingly, according to instructions on the label. Rinse empty containers, and use rinse water as product. Dispose of rinsed, empty containers in the trash. Dispose of unused pesticides as hazardous waste.
- ☐ Collect lawn and garden clippings, pruning waste, and tree trimmings. Chip if necessary, and compost.
- ☐ In communities with curbside pick-up of yard waste, place clippings and pruning waste at the curb in approved bags or containers. Or, take to a landfill that composts yard waste. No curbside pickup of yard waste is available for commercial properties.

Storm Drain Pollution From Landscaping and Swimming Pool Maintenance

Many landscaping activities expose soils and increase the likelihood that earth and garden chemicals will run off into the storm drains during irrigation or when it rains. Swimming pool water containing chlorine and copper-based algaecides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

- ☐ Do not blow or rake leaves, etc. into the street, or place yard waste in gutters or on dirt shoulders, unless you are piling them for recycling (allowed by San Jose and unincorporated County only). Sweep up any leaves, litter or residue in gutters or on street.
- ☐ In San Jose, leave yard waste for curbside recycling pickup in piles in the street, 18 inches from the curb and completely out of the flow line to any storm drain.

Pool/Fountain/Spa Maintenance

Draining Pools Or Spas

When it's time to drain a pool, spa, or fountain, please be sure to call your local wastewater treatment plant before you start for further guidance on flow rate restrictions, backflow prevention, and handling special cleaning waste (such as acid wash). Discharge flows shall not exceed 100 gallon per minute.

- ☐ Never discharge pool or spa water to a street or storm drain; discharge to a sanitary sewer cleanout.
- ☐ If possible, when emptying a pool or spa, let chlorine dissipate for a few days and then recycle/reuse water by draining it gradually onto a landscaped area.
- ☐ Do not use copper-based algaecides. Control algae with chlorine or other alternatives, such as sodium bromide.

Filter Cleaning

- ☐ Never clean a filter in the street or near a storm drain. Rinse cartridge and diatomaceous earth filters onto a dirt area, and spade filter residue into soil. Dispose of spent diatomaceous earth in the garbage.
- ☐ If there is no suitable dirt area, call your local wastewater treatment plant for instructions on discharging filter backwash or rinse water to the sanitary sewer.

Painting and Application of Solvents and Adhesives

Best Management Practices for the Construction Industry

Best Management Practices for the

- Homeowners
- Painters
- Paperhangers
- Plasterers
- Graphic artists
- Dry wall crews
- Floor covering installers
- General contractors
- Home builders
- Developers

Doing The Job Right

Handling Paint Products

- ☐ **Keep all liquid paint products and wastes away from the gutter, street, and storm drains.** Liquid residues from paints, thinners, solvents, glues, and cleaning fluids are hazardous wastes and must be disposed of at a hazardous waste collection facility (contact your local stormwater program listed on the back of this brochure).
- ☐ When thoroughly dry, empty paint cans, used brushes, rags, and drop cloths may be disposed of as garbage in a sanitary landfill. Empty, dry paint cans also may be recycled as metal.
- ☐ Wash water from painted buildings constructed before 1978 can contain high amounts of lead, even if paint chips are not present. Before you begin stripping paint or cleaning pre-1978 building exteriors with water under high pressure, test paint for lead by taking paint scrapings to a local laboratory. See Yellow Pages for a state-certified laboratory.
- ☐ If there is loose paint on the building, or if the paint tests positive for lead, block storm drains. Check with the wastewater treatment plant to determine whether you may discharge water to the sanitary sewer, or if you must send it offsite for disposal as hazardous waste.

Storm Drain Pollution from Paints, Solvents, and Adhesives

All paints, solvents, and adhesives contain chemicals that are harmful to wildlife in local creeks, San Francisco Bay, and the Pacific Ocean. Toxic chemicals may come from liquid or solid products or from cleaning residues or rags. Paint material and wastes, adhesives and cleaning fluids should be recycled when possible, or disposed of properly to prevent these materials from flowing into storm drains and watercourses.

Painting Cleanup

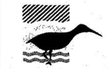
- ☐ **Never clean brushes or rinse paint containers into a street, gutter, storm drain, French drain, or stream.**
- ☐ For **water-based paints**, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ☐ For **oil-based paints**, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids and residue as hazardous waste.

Paint Removal

- ☐ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ☐ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury or tributyl tin must be disposed of as hazardous wastes. Lead based paint removal requires a state-certified contractor.
- ☐ When stripping or cleaning building exteriors with high-pressure water, block storm drains. Direct wash water onto a dirt area and spade into soil. Or, check with the local wastewater treatment authority to find out if you can collect (mop or vacuum) building cleaning water and dispose to the sanitary sewer. Sampling of the water may be required to assist the wastewater treatment authority in making its decision.

Recycle/Reuse Leftover Paints Whenever Possible

- ☐ Recycle or donate excess **water-based (latex) paint,** or return to supplier.
- ☐ Reuse leftover **oil-based paint**. Dispose of non-recyclable thinners, sludge and unwanted paint, as hazardous waste.
- ☐ Unopened cans of paint may be able to be returned to the paint vendor. Check with the vendor regarding its "buy-back" policy.



Los Altos Municipal Code Requirements

Los Altos Municipal Code Chapter 10.08.390 Non-storm water discharges

A. Unlawful discharges. It shall be unlawful to discharge any domestic waste or industrial waste into storm drains, gutters, creeks, or San Francisco Bay. Unlawful discharges to storm drains shall include, but not be limited to, discharge from toilets; sinks; industrial processes; cooling systems; boilers; fabric cleaning; equipment cleaning; vehicle cleaning; construction activities, including, but not limited to, painting, paving, concrete placement, saw cutting and grading; swimming pools; spas; and fountains, unless specifically permitted by a discharge permit or unless exempted pursuant to guidelines published by the superintendent.

B. Threatened discharges. It shall be unlawful to cause hazardous materials, domestic waste, or industrial waste to be deposited in such a manner or location as to constitute a threatened discharge into storm drains, gutters, creeks or San Francisco Bay. A "threatened discharge" is a condition creating a substantial probability of harm, when the probability and potential extent of harm make it reasonably necessary to take immediate action to prevent, reduce or mitigate damages to persons, property or natural resources. Domestic or industrial wastes that are no longer contained in a pipe, tank or other container are considered to be threatened discharges unless they are actively being cleaned up.

Los Altos Municipal Code Section 10.08.430 Requirements for construction operations.

A. A spill response plan for hazardous waste, hazardous materials and uncontained construction materials shall be prepared and available at the construction sites for all projects where the proposed construction site is equal to or greater than one acre of disturbed soil and for any other projects for which the city engineer determines is necessary to protect surface waters. Preparation of the plan shall be in accordance with guidelines published by the city engineer.

B. A storm water pollution prevention plan shall be prepared and available at the construction sites for all projects greater than one acre of disturbed soil and for any other projects for which the city engineer determines that a storm water management plan is necessary to protect surface waters. Preparation of the plan shall be in accordance with guidelines published by the city engineer.

C. Prior approval shall be obtained from the city engineer or designee to discharge water pumped from construction sites to the storm drain. The city engineer or designee may require gravity settling and filtration upon a determination that either or both would improve the water quality of the discharge. Contaminated groundwater or water that exceeds state or federal requirements for discharge to navigable waters may not be discharged to the storm drain. Such water may be discharged to the sewer, provided that the requirements of Section 10.08.240 are met and the approval of the superintendent is obtained prior to discharge.

D. No cleanup of construction debris from the streets shall result in the discharge of water to the storm drain system; nor shall any construction debris be deposited or allowed to be deposited in the storm drain system. (Prior code § 5-5.643)

Criminal and judicial penalties can be assessed for non-compliance.

General Construction And Site Supervision

Best Management Practices For Construction

Best Management Practices for the

- General contractors
- Site supervisors
- Inspectors
- Home builders
- Developers

Storm Drain Pollution from Construction Activities

Construction sites are common sources of storm water pollution. Materials and wastes that blow or wash into a storm drain, gutter, or street have a direct impact on local creeks and the Bay.

As a contractor, or site supervisor, owner or operator of a site, you may be responsible for any environmental damage caused by your subcontractors or employees.

Doing The Job Right

General Principals

- ☐ Keep an orderly site and ensure good housekeeping practices are used.
- ☐ Maintain equipment properly.
- ☐ Cover materials when they are not in use.
- ☐ Keep materials away from streets, storm drains and drainage channels.
- ☐ Ensure dust control water doesn't leave site or discharge to storm drains.

Advance Planning To Prevent Pollution

- ☐ Schedule excavation and grading activities for dry weather periods. To reduce soil erosion, plant temporary vegetation or place other erosion controls before rain begins. Use the *Erosion and Sediment Control Manual*, available from the Regional Water Quality Control Board, as a reference.
- ☐ Control the amount of runoff crossing your site (especially during excavation!) by using berms or temporary or permanent drainage ditches to divert water flow around the site. Reduce storm water runoff velocities by constructing temporary check dams or berms where appropriate.
- ☐ Train your employees and subcontractors. Make these best management practices available to everyone who works on the construction site. Inform subcontractors about the storm water requirements and their own responsibilities.

Good Housekeeping Practices

- ☐ Designate one area of the site for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, bermed if necessary. Make major repairs off site.
- ☐ Keep materials out of the rain – prevent runoff contamination at the source. Cover exposed piles of soil or construction materials with plastic sheeting or temporary roofs. Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks, or channels.
- ☐ Keep pollutants off exposed surfaces. Place trashcans and recycling receptacles around the site to minimize litter.
- ☐ Clean up leaks, drips and other spills immediately so they do not contaminate soil or groundwater or leave residue on paved surfaces. Use dry cleanup methods whenever possible. If you must use water, use just enough to keep the dust down.
- ☐ Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. Never clean out a dumpster by hosing it down on the construction site.
- ☐ Set portable toilets away from storm drains. Make sure portable toilets are in good working order. Check frequently for leaks.

Materials/Waste Handling

- ☐ Practice Source Reduction -- minimize waste when you order materials. Order only the amount you need to finish the job.
- ☐ Use recyclable materials whenever possible. Arrange for pick-up of recyclable materials such as concrete, asphalt, scrap metal, solvents, degreasers, cleared vegetation, paper, rock, and vehicle maintenance materials such as used oil, antifreeze, batteries, and tires.
- ☐ Dispose of all wastes properly. Many construction materials and wastes, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation can be recycled. Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste. Never bury waste materials or leave them in the street or near a creek or stream bed.

Permits

- ☐ In addition to local building permits, you will need to obtain coverage under the State's General Construction Activity Storm water Permit if your construction site disturbs one acre or more. Obtain information from the Regional Water Quality Control Board.

Earth-Moving And Dewatering Activities

Best Management Practices for the Construction Industry

Best Management Practices for the

- Buildozer, back hoe, and grading machine operators
- Dump truck drivers
- Site supervisors
- General contractors
- Home builders
- Developers

Doing The Job Right

General Business Practices

- ☐ Schedule excavation and grading work during dry weather.
- ☐ Perform major equipment repairs away from the job site.
- ☐ When refueling or vehicle/equipment maintenance must be done on site, designate a location away from storm drains.
- ☐ Do not use diesel oil to lubricate equipment parts, or clean equipment.

Practices During Construction

- ☐ Remove existing vegetation only when absolutely necessary. Plant *temporary* vegetation for erosion control on slopes or where construction is not immediately planned.
- ☐ Protect down slope drainage courses, streams, and storm drains with wattles, or temporary drainage swales. Use check dams or ditches to divert runoff around excavations. Refer to the Regional Water Quality Control Board's *Erosion and Sediment Control Field Manual* for proper erosion and sediment control measures.

Storm Drain Pollution from Earth-Moving Activities and Dewatering

Soil excavation and grading operations loosen large amounts of soil that can flow or blow into storm drains when handled improperly. Sediments in runoff can clog storm drains, smother aquatic life, and destroy habitats in creeks and the Bay. Effective erosion control practices reduce the amount of runoff crossing a site *and* slow the flow with check dams or roughened ground surfaces.

Contaminated groundwater is a common problem in the Santa Clara Valley. Depending on soil types and site history, groundwater pumped from construction sites may be contaminated with toxics (such as oil or solvents) or laden with sediments. Any of these pollutants can harm wildlife in creeks or the Bay, or interfere with wastewater treatment plant operation.

Discharging sediment-laden water from a dewatering site into any water of the state without treatment is prohibited.

- ☐ Cover stockpiles and excavated soil with secured tarps or plastic sheeting.

Dewatering Operations

1. Check for Toxic Pollutants

- ☐ Check for odors, discoloration, or an oily sheen on groundwater.
- ☐ Call your local wastewater treatment agency and ask whether the groundwater must be tested.
- ☐ If contamination is suspected, have the water tested by a certified laboratory.
- ☐ Depending on the test results, you may be allowed to discharge pumped groundwater to the storm drain (if no sediments present) or sanitary sewer, OR, you may be required to collect and haul pumped groundwater offsite for treatment and disposal at an appropriate treatment facility.

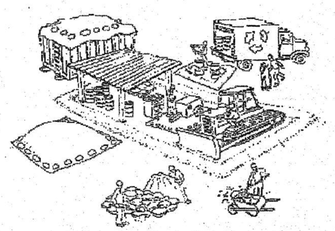
2. Check for Sediment Levels

- ☐ If the water is clear, the pumping time is less than 24 hours, and the flow rate is less than 20 gallons per minute, you may pump water to the street or storm drain.
- ☐ If the pumping time is more than 24 hours and the flow rate greater than 20 gpm, call your local wastewater treatment plant for guidance.
- ☐ If the water is not clear, solids must be filtered or settled out by pumping to a settling tank prior to discharge. Options for filtering include:
  - Pumping through a perforated pipe sunk part way into a small pit filled with gravel;
  - Pumping from a bucket placed below water level using a submersible pump;
  - Pumping through a filtering device such as a swimming pool filter or filter fabric wrapped around end of suction pipe.
- ☐ When discharging to a storm drain, protect the inlet using a barrier of burlap bags filled with drain rock, or cover inlet with filter fabric anchored under the grate. OR pump water through a grassy swale prior to discharge.

Blueprint for a Clean Bay

Remember: The property owner and the contractor share ultimate responsibility for the activities that occur on a construction site. You may be held responsible for any environmental damage caused by your subcontractors or employees.

Best Management Practices for the Construction Industry



Santa Clara Urban Runoff Pollution Prevention Program

DESIGNED BY: LARRY LIND	APPROVED BY: CITY OF LOS ALTOS		DATE: OCTOBER, 2003
DRAWN BY: VICTOR CHEN	CITY ENGINEER	18056 R.C.E.	SCALE: N.T.S.
CHECKED BY: JIM GUSTAFSON	SHEET OF SHEETS		DRAWING NO:

Call Two Working Days Before You Dig!

1-800-227-2600

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1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

2024-2025 ANNUAL STREET RESURFACING PROJECT
BLUEPRINT FOR A CLEAN BAY
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C2.1
2 OF 50
JOB NO. 250007

65% SUBMITTAL
APRIL 07, 2025

ALICIA WAY STA 14+00
NTS
A

CAMELLIA COURT STA 11+00
NTS
B

JAY STREET STA 16+00
NTS
C

Call Two Working Days Before You Dig!

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1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY MANES No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT

TYPICAL SECTION

SANTA CLARA COUNTY CALIFORNIA

LOS ALTOS

DWG NO. C3.1
3 OF 50

JOB NO. 250007

LAVER COURT STA 16+00
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A

LOMA PREITA COURT STA 10+50
NTS
B

NEWCASTLE DR STA 15+00
NTS
C

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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY MANUEL No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT

TYPICAL SECTION

SANTA CLARA COUNTY CALIFORNIA

LOS ALTOS

DWG NO. C3.2
4 OF 50

JOB NO. 250007

NEWCASTLE DR STA 26+00
NTS
A

NEWCASTLE DR STA 36+00
NTS
B

NEWCASTLE DR STA 46+00
NTS
C

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APRIL 07, 2025

BY	DATE	REVISIONS

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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY MANES No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT

TYPICAL SECTION

SANTA CLARA COUNTY CALIFORNIA

LOS ALTOS

DWG NO. C3.3
5 OF 50

JOB NO. 250007

SHELBY LANE STA 12+00
NTS
A

SPRINGER ROAD STA 13+00
NTS
B

SPRINGER ROAD STA 20+50
NTS
C

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REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY MANUEL No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT

TYPICAL SECTION

LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C3.4
6 OF 50
JOB NO. 250007

SHELBY LANE STA 25+50
NTS
A

SPRINGER ROAD STA 32+00
NTS
B

STONEHAVEN DRIVE STA 17+00
NTS
C

UNIVERSITY AVENUE STA 18+00
NTS
D

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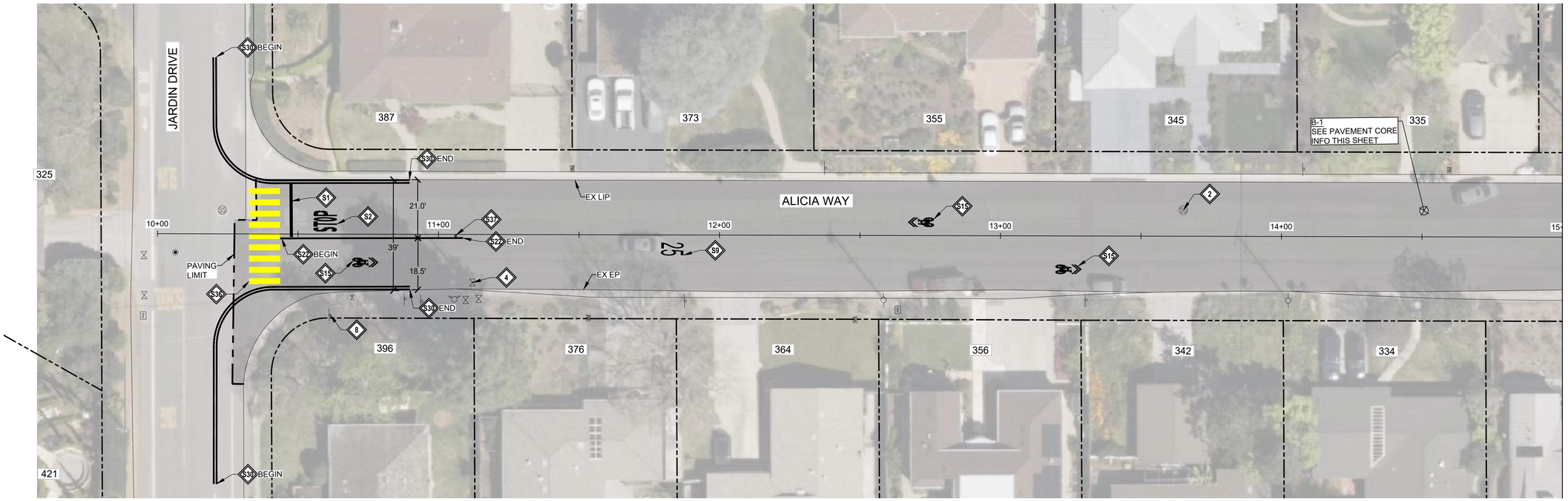
REGISTERED PROFESSIONAL ENGINEER
JOSEPH ABUCAY
No. 87431
CIVIL
STATE OF CALIFORNIA
MANNIX CONSULTANT COPY NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT

TYPICAL SECTION

SANTA CLARA COUNTY CALIFORNIA
LOS ALTOS

DWG NO. C3.5
7 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - ALICIA WAY

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/XX
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S15 MARKING SHARROW
- S22 DETAIL 22
- S30 DOUBLE 6" WHITE LINE
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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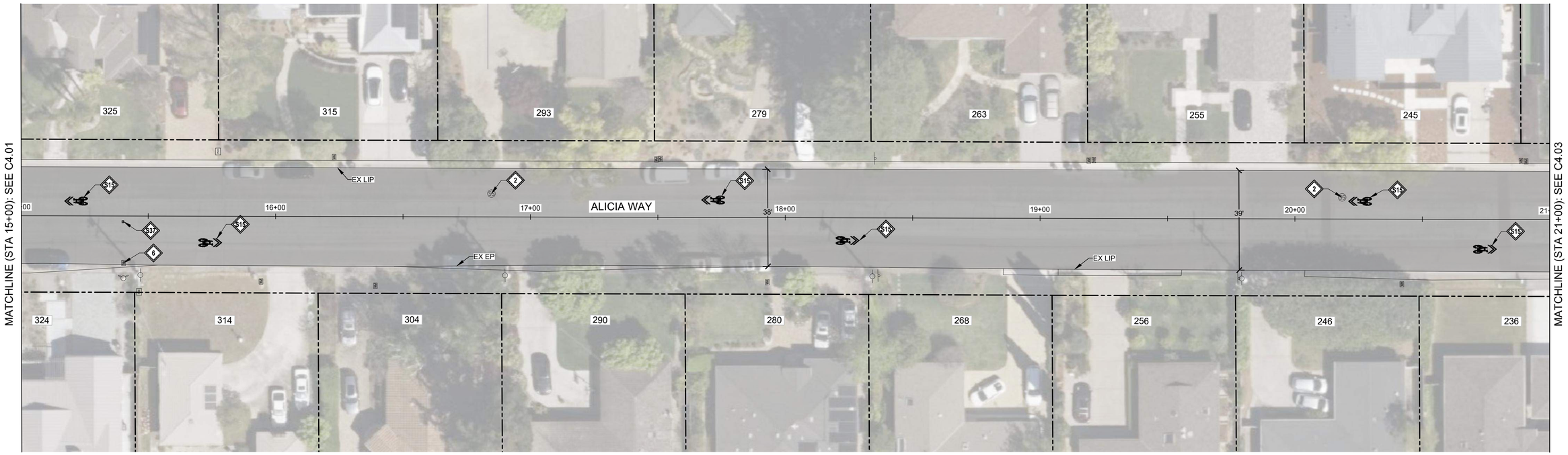
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - ALICIA WAY
10+00 to 15+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.01
8 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - ALICIA WAY

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S15 MARKING SHARROW
- S22 DETAIL 22
- S30 DOUBLE 6" WHITE LINE
- S34 YELLOW BASIC CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-1	CLAYEY SAND / SILTY SAND (SC/SM)	3.0	3.5	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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APRIL 07, 2025

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CITY OF LOS ALTOS
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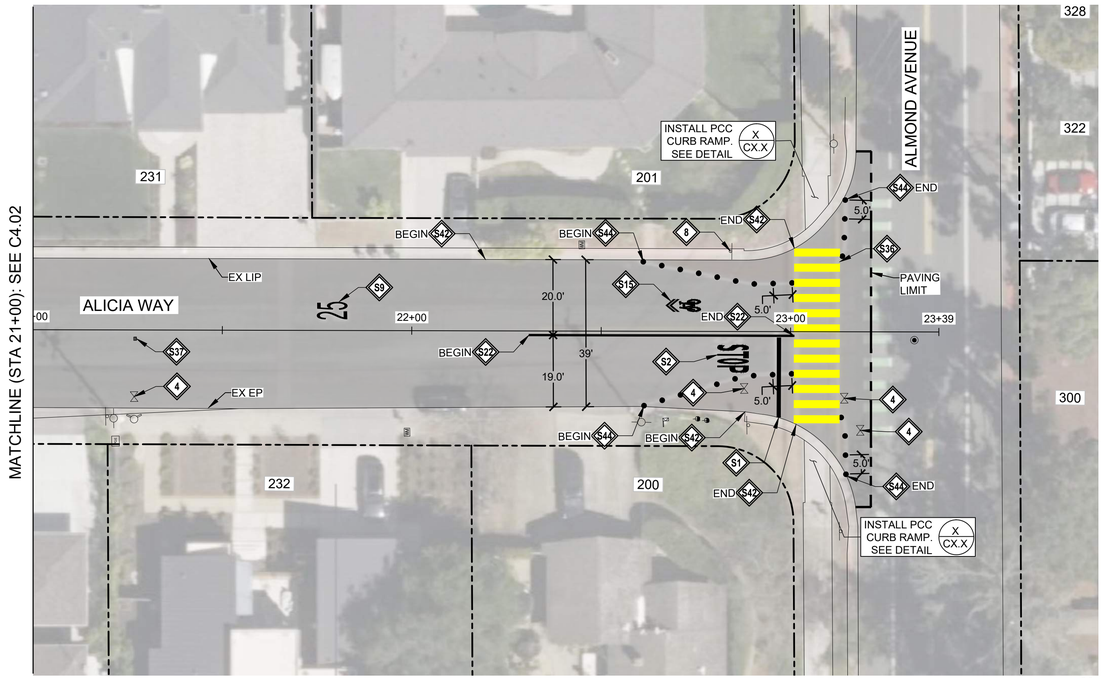
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY MANNE No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - ALICIA WAY
15+00 to 21+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.02
9 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - ALICIA WAY

SCALE IN FEET: 20 10 0 20 40 60

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S15 MARKING SHARROW
- S22 DETAIL 22
- S30 DOUBLE 6" WHITE LINE
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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APRIL 07, 2025

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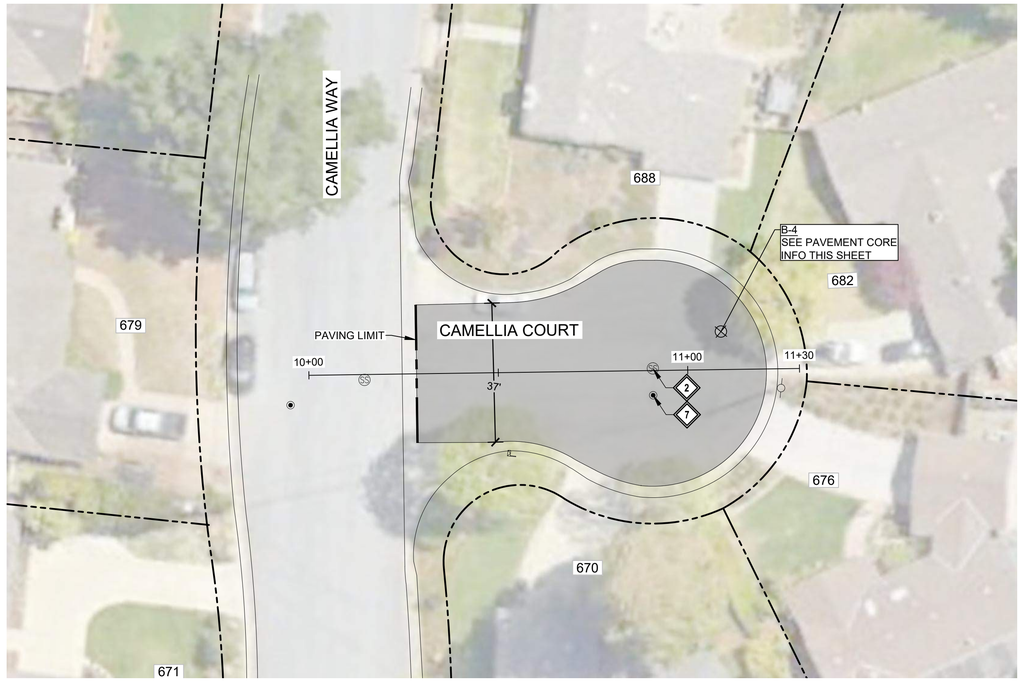
REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY MANUEL No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - ALICIA WAY
21+00 to 23+39
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.03
10 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - CAMELLIA COURT

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / XX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # — 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-4	SILTY SAND / SAND WITH SILT (SM/SP)	3.5	5.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
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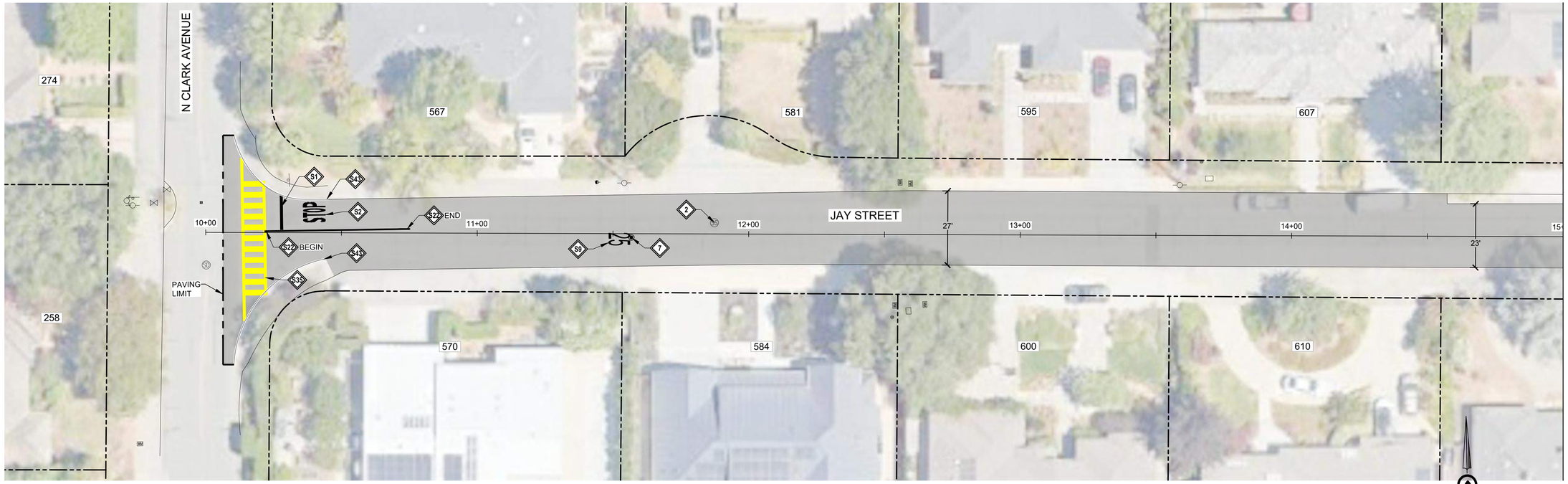
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY MANUEL No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - CAMELLIA COURT
10+00 to 11+30
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.04
11 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - JAY STREET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S9 MARKING "25"
- S13 MARKING ARROW TYPE IV (R)
- S22 DETAIL 22
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S43 REPAINT WHITE CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ADUCAY No. 81931 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT

IMPROVEMENT PLAN - JAY STREET
10+00 to 15+00

LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.05
12 OF 50
JOB NO. 250007

PAVEMENT REPAIR SITE - JAY STREET

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S9 MARKING "25"
- S13 MARKING ARROW TYPE IV (R)
- S22 DETAIL 22
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S43 REPAINT WHITE CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-2	CLAYEY SAND (SC)	5.0	2.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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APRIL 07, 2025

REVISIONS	DATE	BY

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
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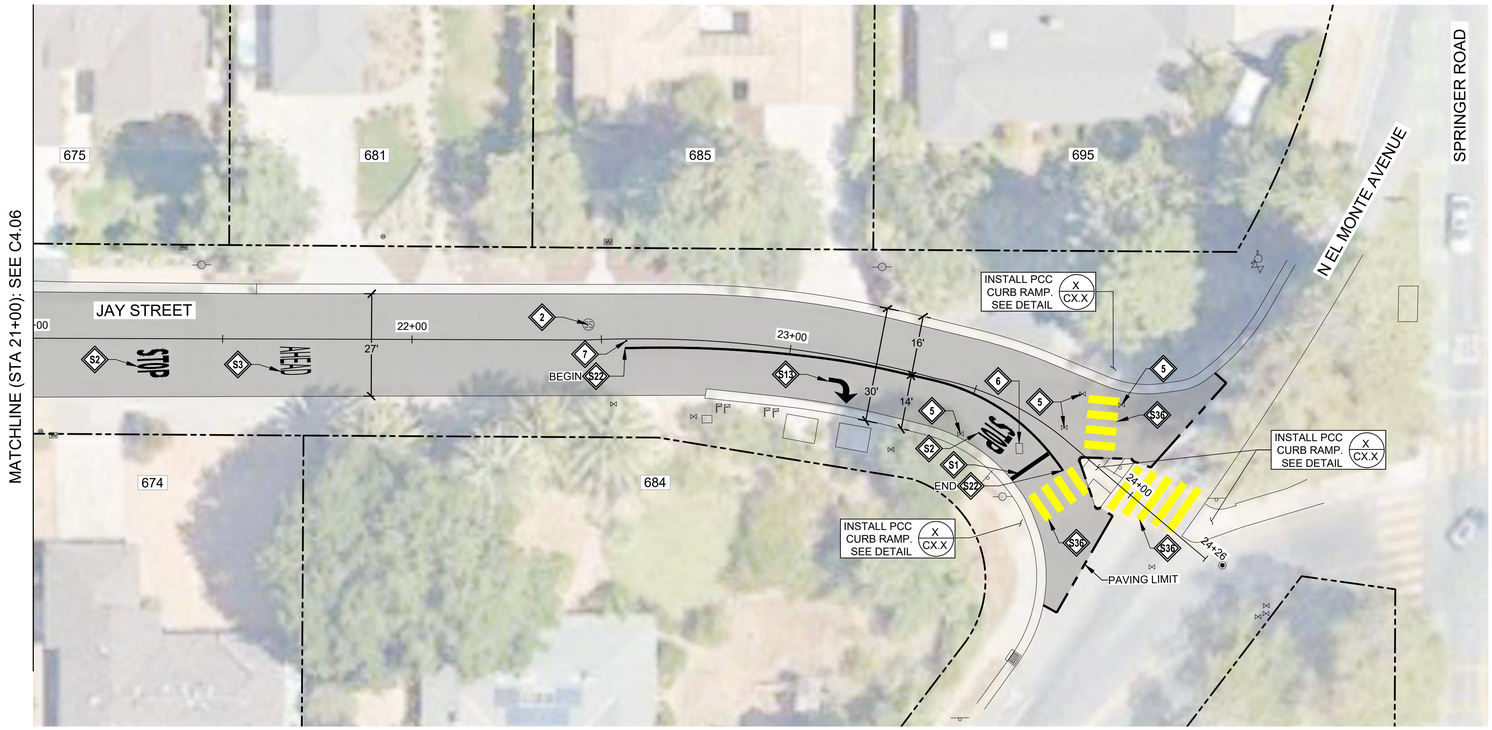
REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 81931 CIVIL STATE OF CALIFORNIA
MANAGER CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - JAY STREET
15+00 to 21+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.06
13 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - JAY STREET

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S9 MARKING "25"
- S13 MARKING ARROW TYPE IV (R)
- S22 DETAIL 22
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S43 REPAINT WHITE CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

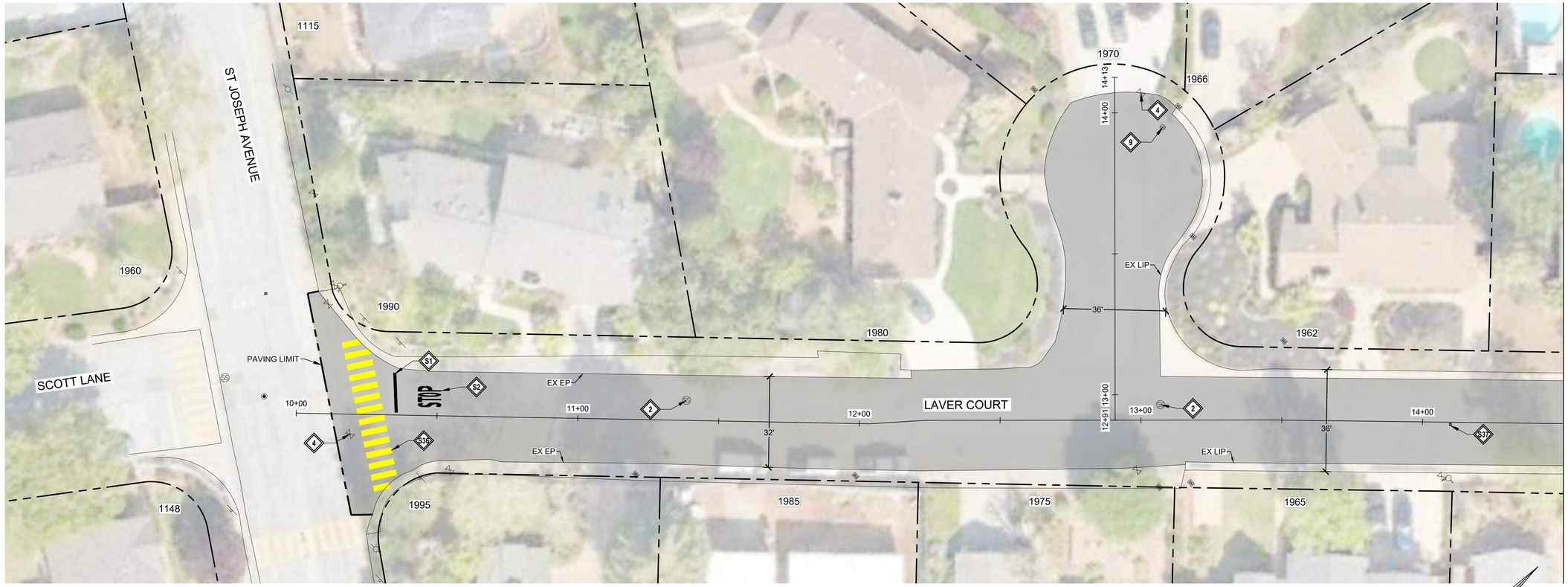
REGISTERED PROFESSIONAL ENGINEER MANNY ABUCAY No. 87432 CIVIL STATE OF CALIFORNIA
MANNY ABUCAY, PUBLIC WORKS DIRECTOR/CITY ENGINEER

2024-2025 ANNUAL STREET RESURFACING PROJECT

IMPROVEMENT PLAN - JAY STREET
21+00 to 24+26

LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.07
14 OF 50
JOB NO. 250007



20 10 0 20 40 60
SCALE IN FEET

PAVEMENT REPAIR SITE - LAVER COURT

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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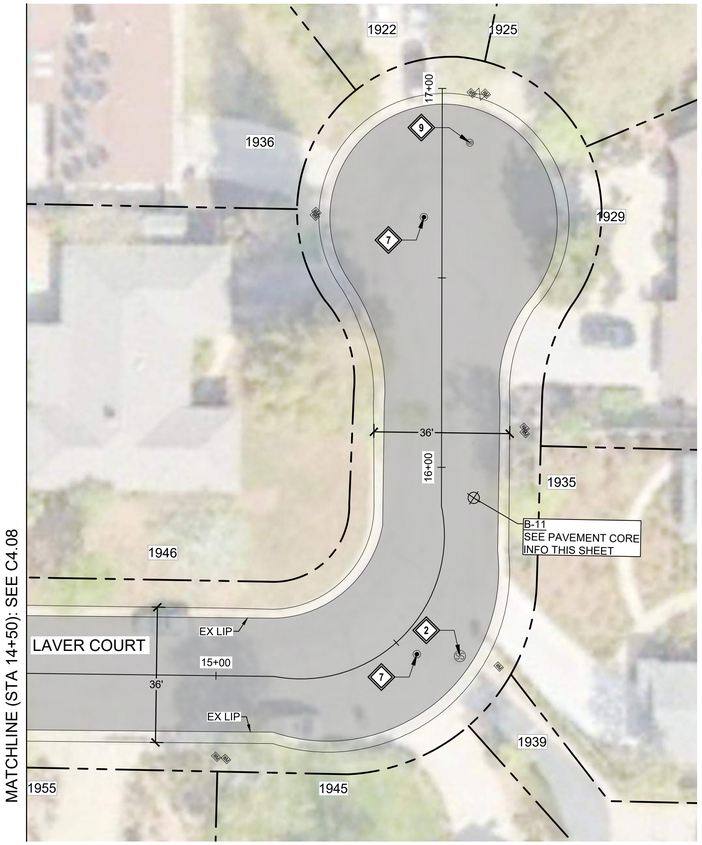
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MARK ARUCAY No. 87433 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - LAVER COURT
10+00 to 14+50
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.08
15 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - LAVER COURT

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- #: 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-11	CLAY WITH SAND AND GRAVEL (CL/CH)	3.0	4.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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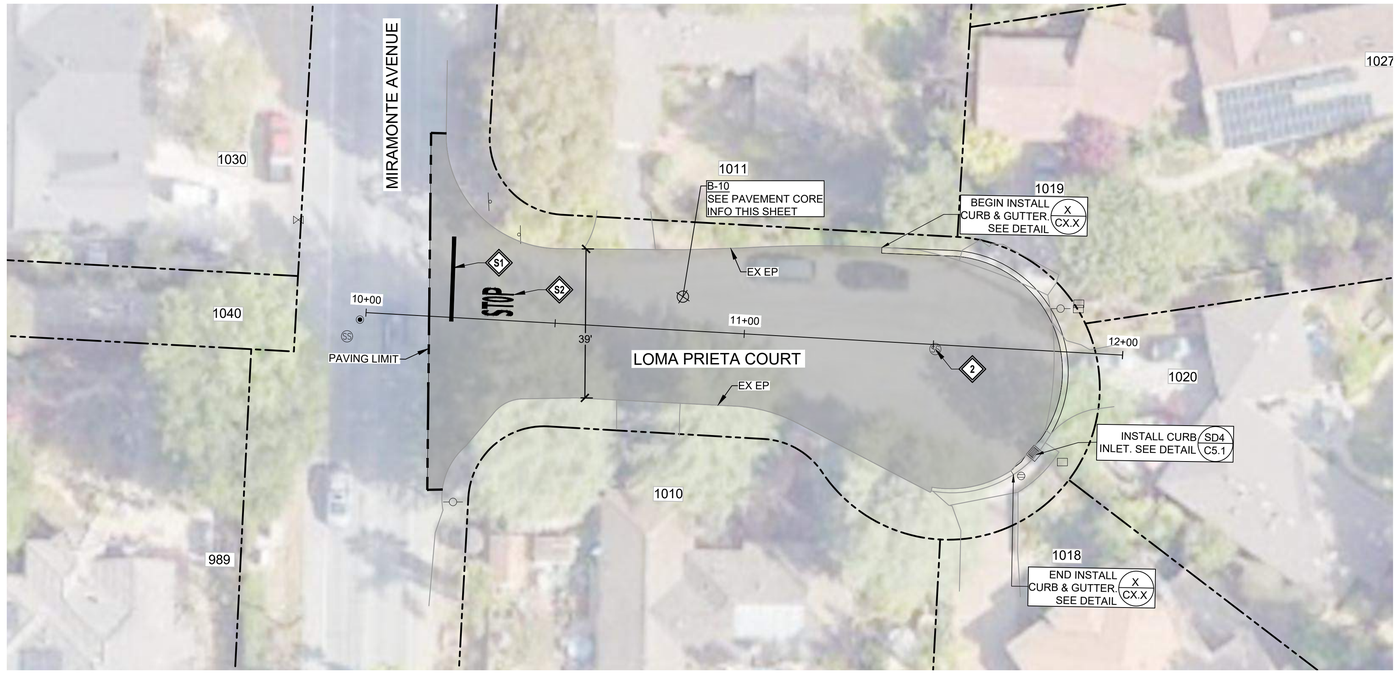
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MARK ARUCAY No. 87433 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - LAVER COURT
14+50 to 17+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.09
16 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - LOMA PRIETA COURT

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

S1. WHITE LIMIT LINE (STOP LINE)

S2. WHITE "STOP" MARKING

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # — 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-10	CLAYEY SAND (SC)	2.5	0.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

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CITY OF LOS ALTOS
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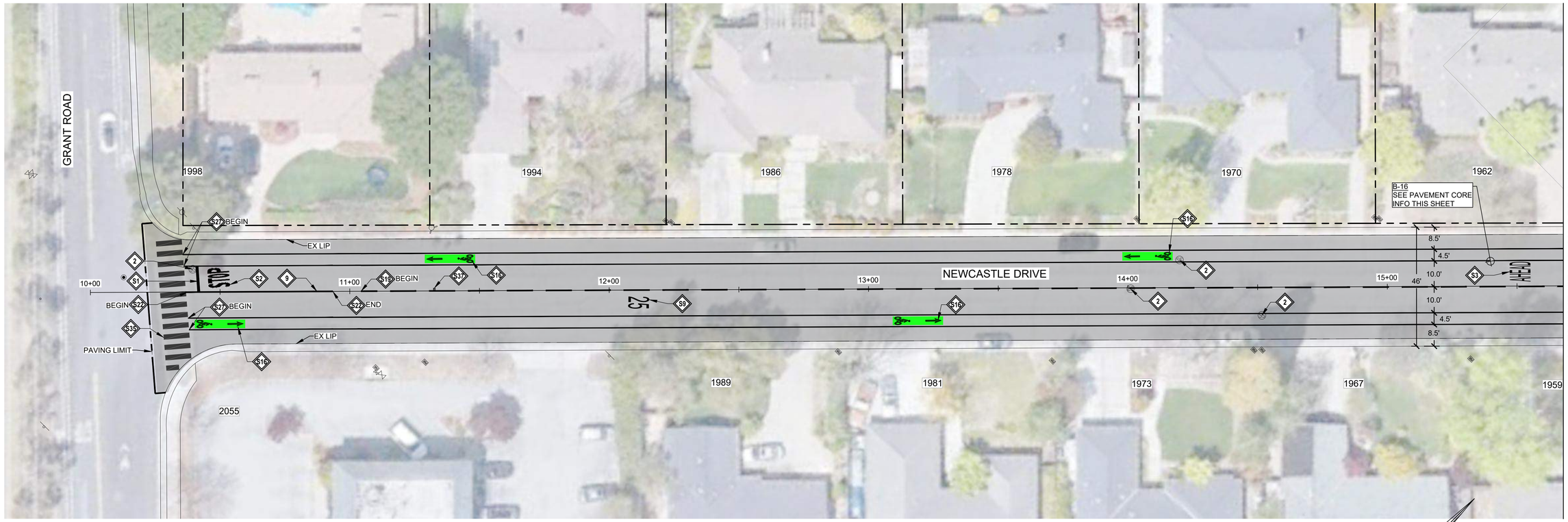
CALIFORNIA 94022

JOSEPH ABUCAY MANAGE No. 87431 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA CIVIL
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - LOMA PRIETA COURT
10+00 to 12+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.10
17 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL (X / CX.X)
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL (A / C4.3)
- S17 GREEN DASHED BIKE LANE. SEE DETAIL (B,C / C4.3)
- S19 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S35 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S39 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- #: 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL (X / XX.X)
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-16	SILTY SAND WITH GRAVEL (SM)	5.0	2.5	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

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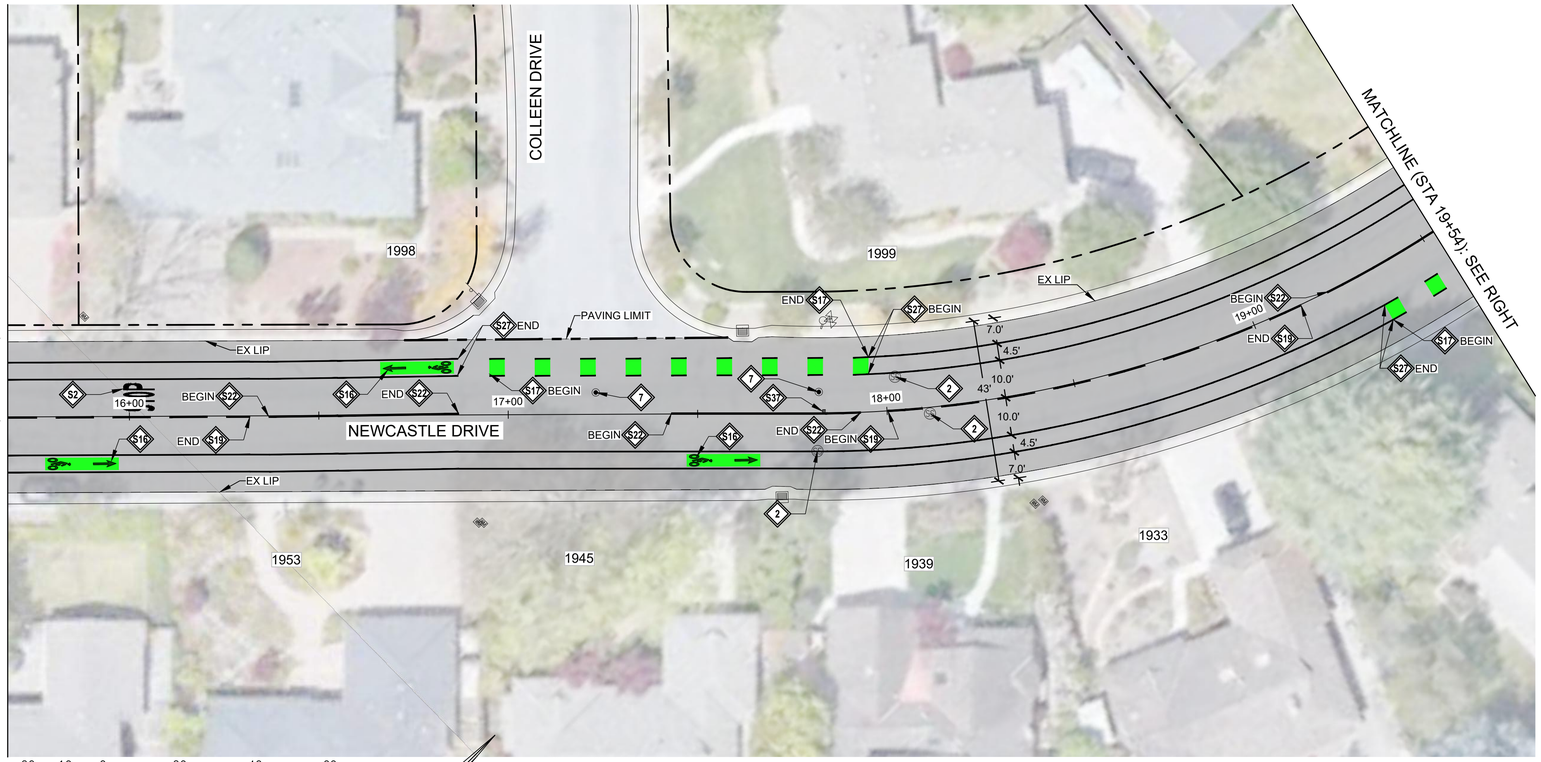
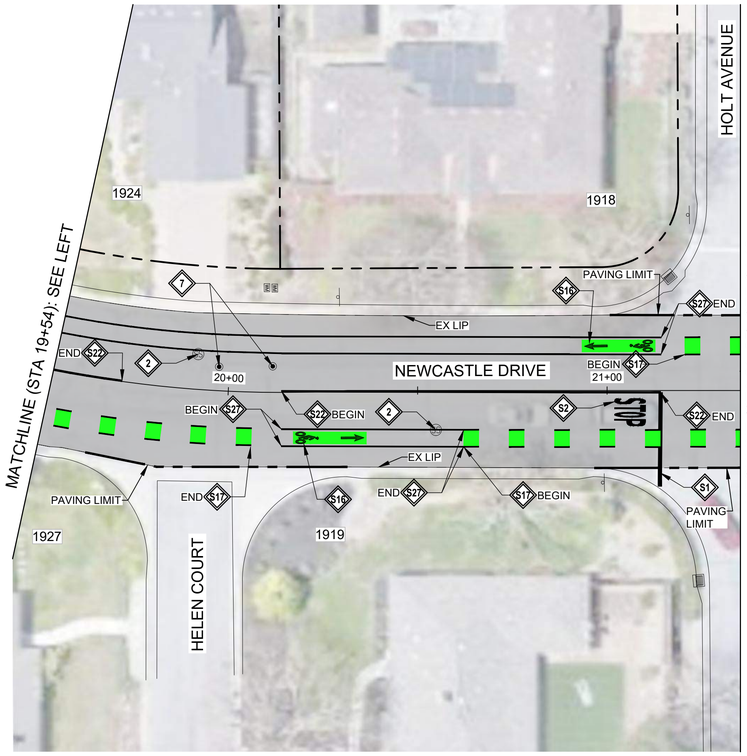
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MACKAY No. 81453 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
10+00 to 15+68
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.11
18 OF 50
JOB NO. 250007





20 10 0 20 40 60
SCALE IN FEET

20 10 0 20 40 60
SCALE IN FEET

PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S19 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S33 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S39 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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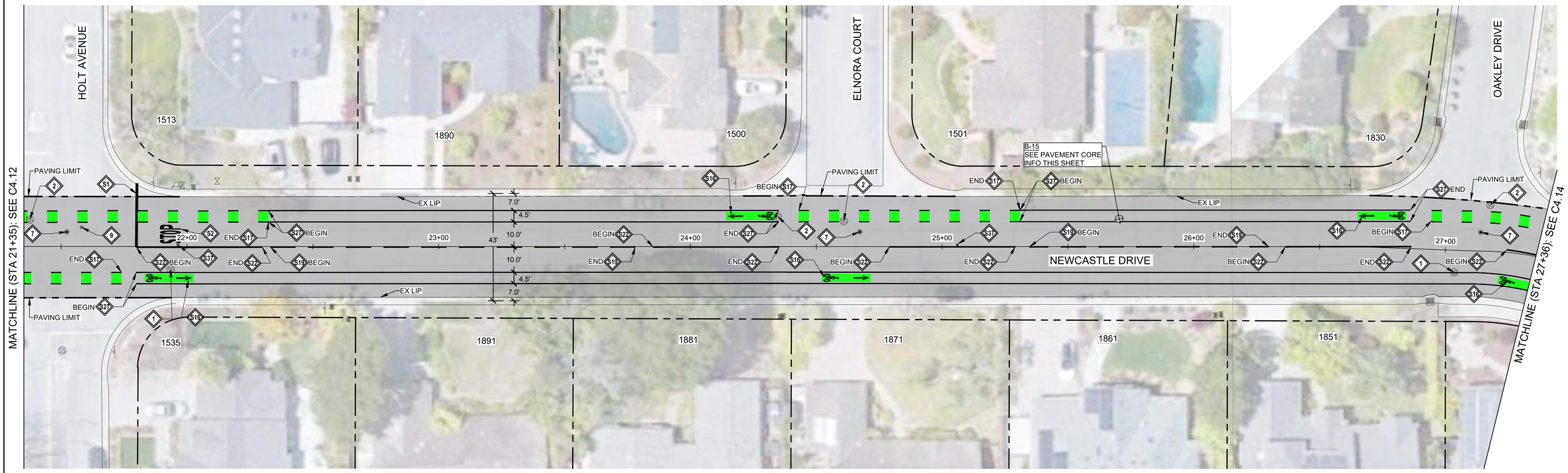
REGISTERED PROFESSIONAL ENGINEER JOSEPH ARUCAY No. 87433 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
15+68 to 21+35
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.12
19 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
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   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
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   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S18 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S33 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-15	SILTY CLAY (SC/CL)	4.0	4.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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APRIL 07, 2025

BY	DATE	REVISIONS

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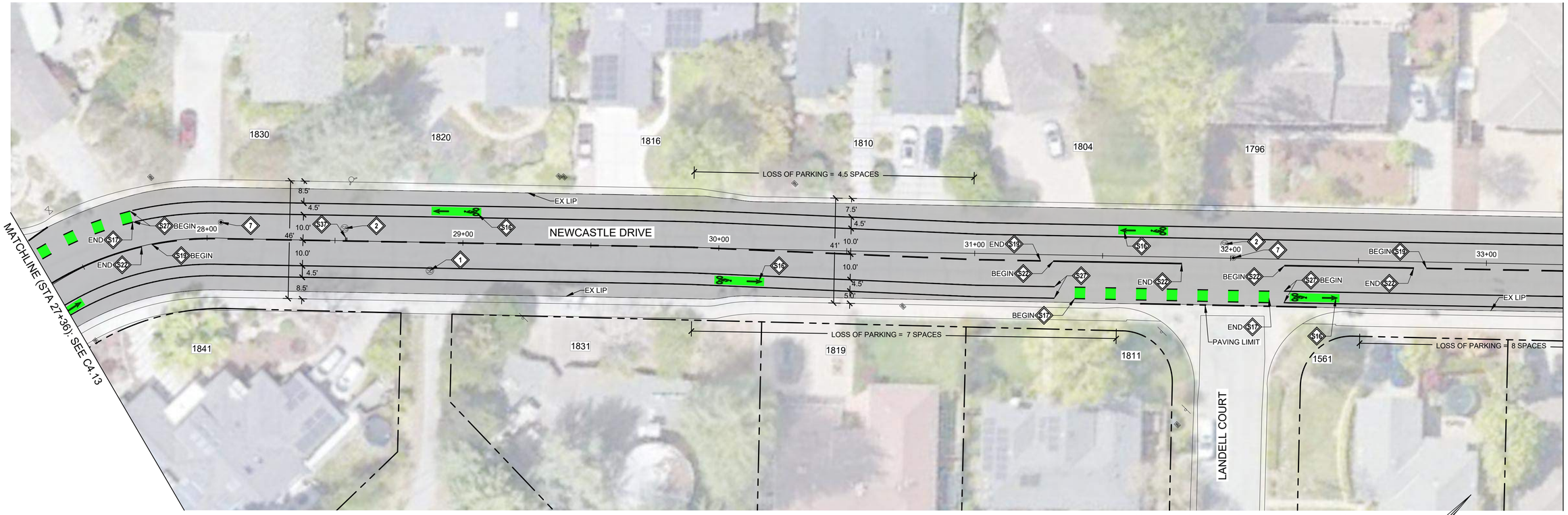
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MASSI ARJUCAY No. 87433 STATE OF CALIFORNIA MANAGER CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
21+35 to 27+36
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.13
20 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

SCALE IN FEET: 20 10 0 20 40 60

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S18 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S35 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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MATCHLINE (STA 33+30): SEE C4.15

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MANAR ABUCAY No. 87437 CIVIL STATE OF CALIFORNIA
MANAR ABUCAY
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT

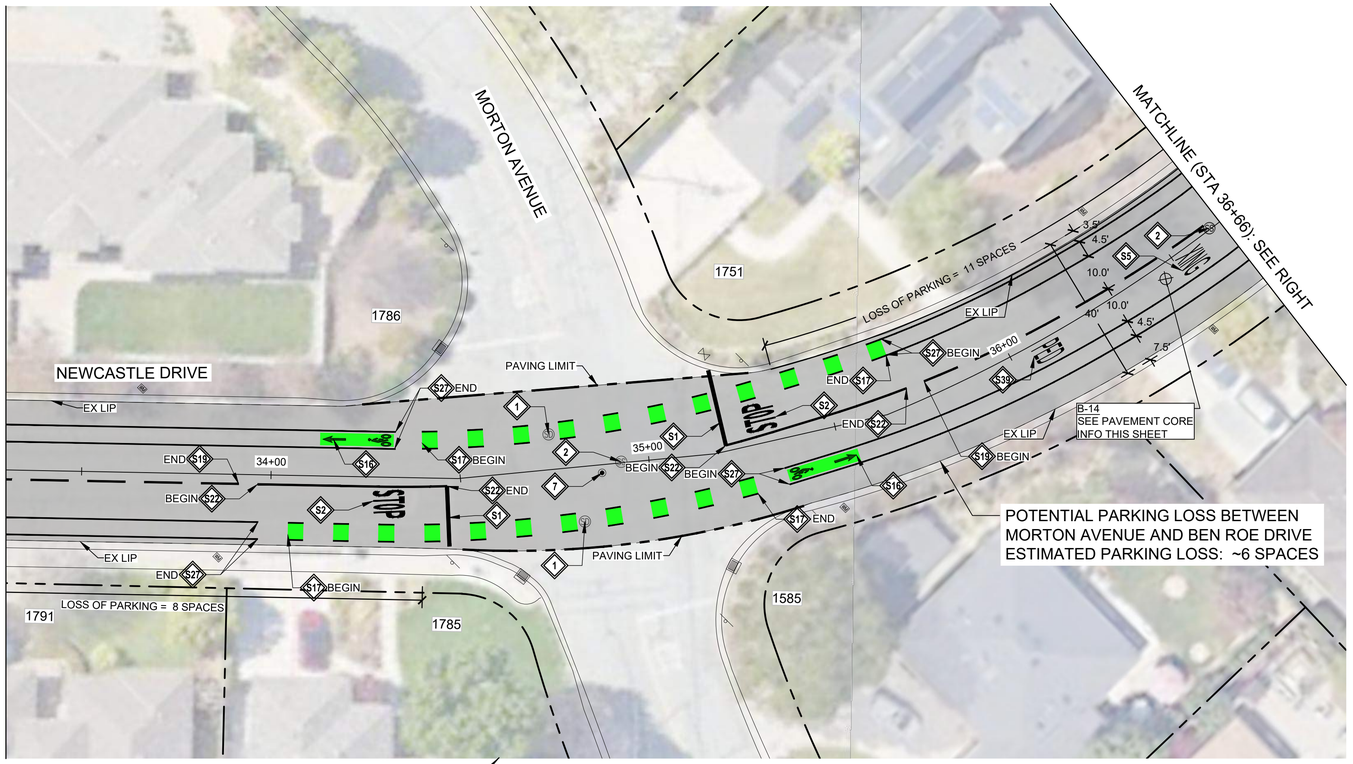
IMPROVEMENT PLAN - NEWCASTLE DRIVE
27+36 to 33+30

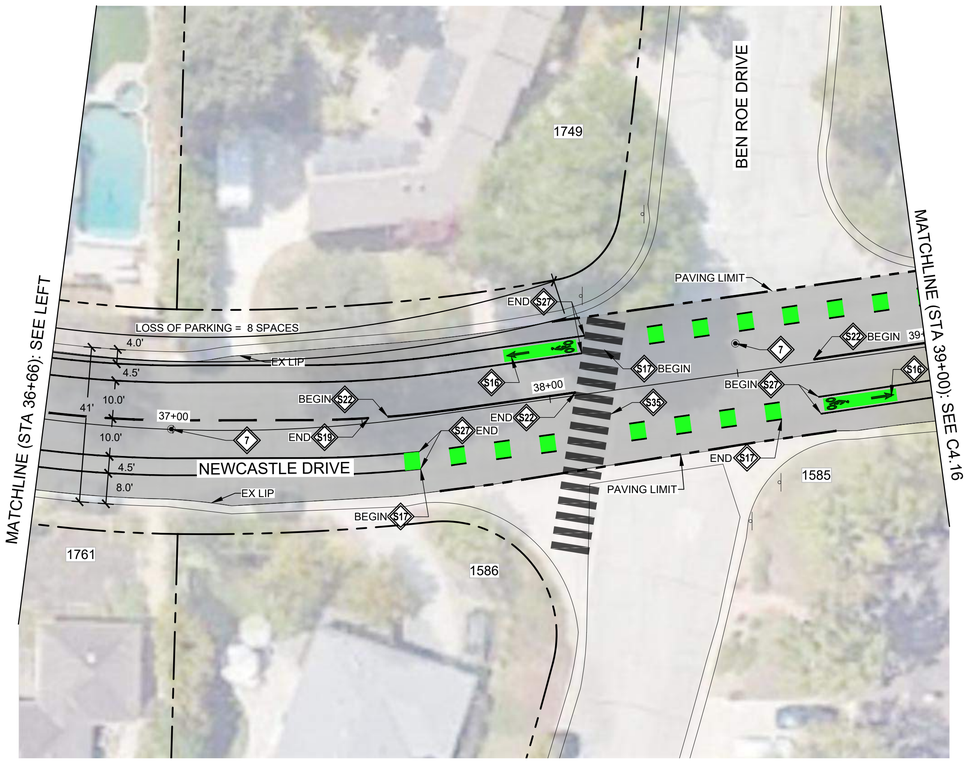
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

65% SUBMITTAL
APRIL 07, 2025

DWG NO. C4.14
21 OF 50

JOB NO. 250007





20 10 0 20 40 60
SCALE IN FEET

PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S18 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S33 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-14	SAND WITH SILT AND GRAVEL (SW)	6.0	2.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MANAR ABUCAY No. 87432 CIVIL STATE OF CALIFORNIA
MANAR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
33+30 to 39+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.15
22 OF 50
JOB NO. 250007

PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S18 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S33 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S39 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER
MANAR ABUCAY
No. 87437
CIVIL
STATE OF CALIFORNIA
MANAR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
39+00 to 45+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.16
23 OF 50
JOB NO. 250007

PAVEMENT REPAIR SITE - NEWCASTLE DRIVE

SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S9 MARKING "25"
- S16 MARKING BIKE LANE SYMBOL WITH ARROW & GREEN BACKING. SEE DETAIL A/C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C/C4.3
- S19 DETAIL 2
- S22 DETAIL 22
- S27 DETAIL 39
- S32 WHITE BASIC CROSSWALK
- S35 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S39 MARKING WORD "PED"

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-13	SILTY SAND (SM/MH)	5.0	4.5	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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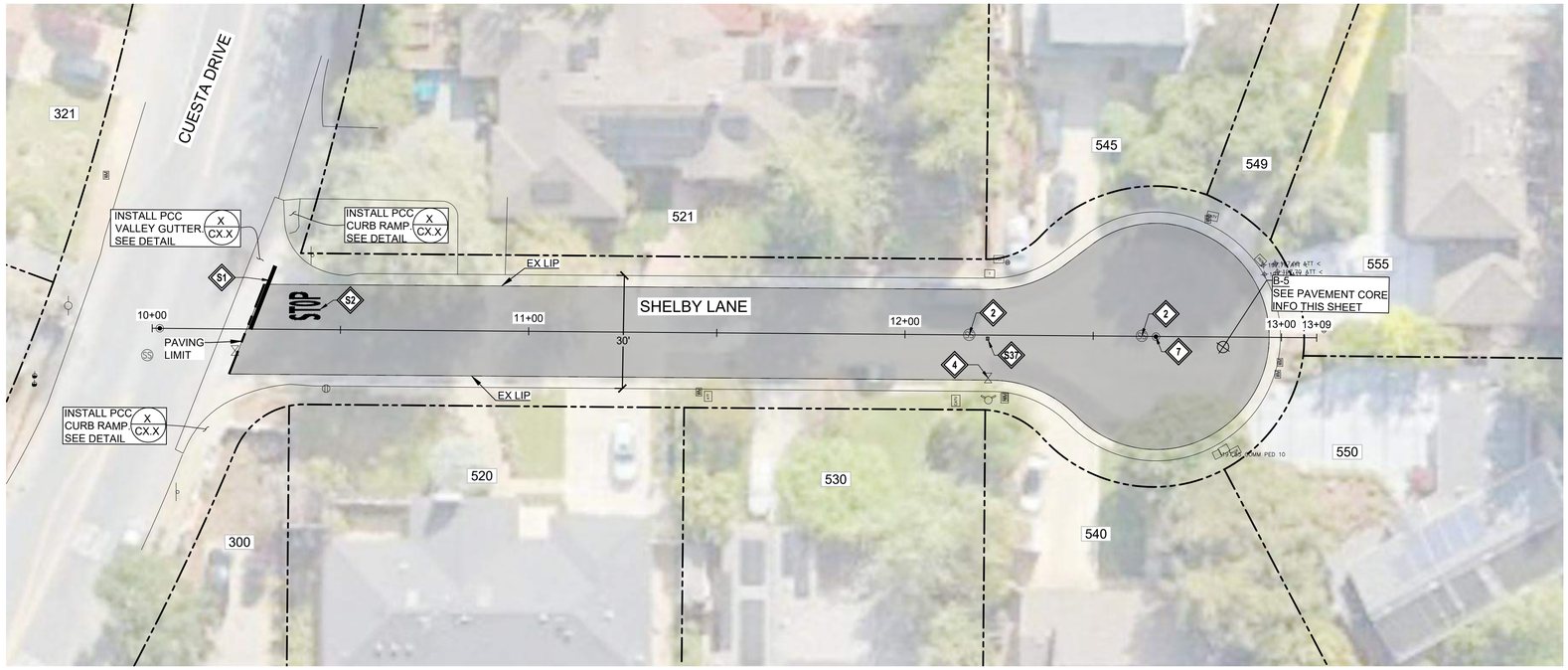
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER
MANAV ARORA
No. 87437
CIVIL
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - NEWCASTLE DRIVE
45+00 to 50+11
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.17
24 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - SHELBY LANE

SCALE IN FEET: 20 10 0 20 40 60

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 WHITE "STOP" MARKING
- S37 BLUE HYDRANT MARKER

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-5	SILTY SAND (SM)	1.0	3.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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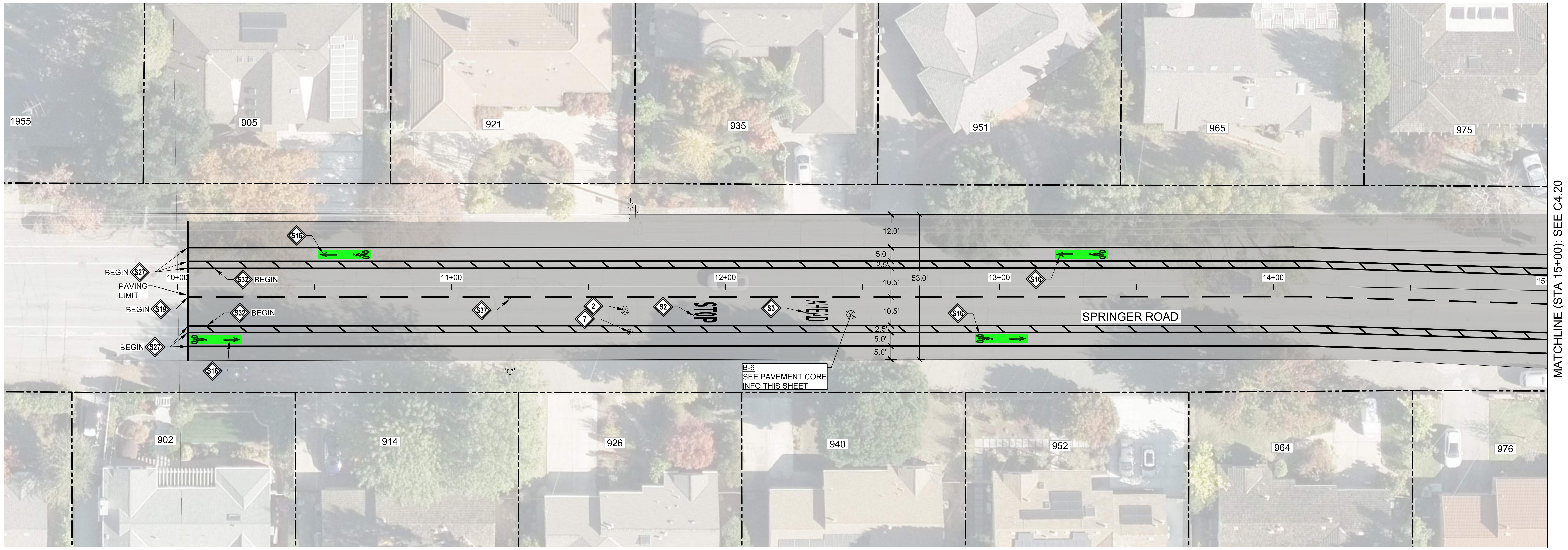
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 87431 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - ALICIA WAY
10+00 to 13+09
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.18
25 OF 50
JOB NO. 250007



SPRINGER ROAD REPAIR

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S4 MARKING WORD "ONLY"
- S10 MARKING "30"
- S11 MARKING ARROW TYPE I
- S12 MARKING ARROW TYPE IV (L)
- S13 MARKING ARROW TYPE IV (R)
- S15 MARKING SHARROW
- S16 MARKING BIKE LANE SYMBOL. SEE DETAIL A/C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C/C4.3
- S18 GREEN BACK
- S19 DETAIL 2
- S20 DETAIL 8
- S21 DETAIL 15

STRIPING NOTES:

- S22 DETAIL 22
- S23 DETAIL 25
- S24 DETAIL 27B
- S25 DETAIL 37B
- S26 DETAIL 38
- S27 DETAIL 39
- S28 DETAIL 39A
- S29 DETAIL 40
- S31 6" DIAGONAL YELLOW STRIPE
- S32 4" DIAGONAL WHITE STRIPE
- S33 WHITE LADDER CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER
- S45 MARKING ARROW TYPE VII

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-6	CLAYEY SAND / SILTY SAND (SC/SM)	7.0	4.0	2.0" DEPTH

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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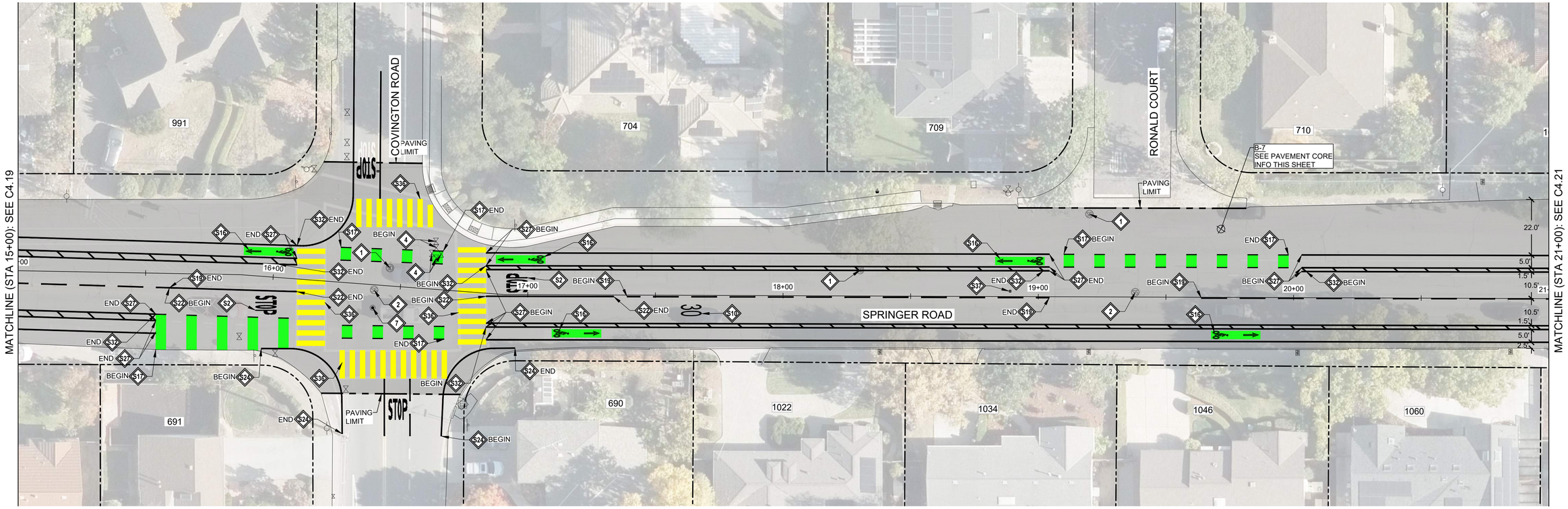
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER
MARK JOSEPH ABUCAY
No. 87131
CIVIL
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
STREET IMPROVEMENT PLAN - SPRINGER ROAD
10+00 to 15+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.19
26 OF 50
JOB NO. 250007



SPRINGER ROAD REPAIR

SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S4 MARKING WORD "ONLY"
- S10 MARKING "30"
- S11 MARKING ARROW TYPE I
- S12 MARKING ARROW TYPE IV (L)
- S13 MARKING ARROW TYPE IV (R)
- S15 MARKING SHARROW
- S16 MARKING BIKE LANE SYMBOL. SEE DETAIL A/C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C/C4.3
- S18 GREEN BACK
- S19 DETAIL 2
- S20 DETAIL 8
- S21 DETAIL 15

STRIPING NOTES:

- S22 DETAIL 22
- S23 DETAIL 25
- S24 DETAIL 27B
- S25 DETAIL 37B
- S26 DETAIL 38
- S27 DETAIL 39
- S28 DETAIL 39A
- S29 DETAIL 40
- S31 6" DIAGONAL YELLOW STRIPE
- S32 4" DIAGONAL WHITE STRIPE
- S33 WHITE LADDER CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER
- S45 MARKING ARROW TYPE VII

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-7	SAND WITH GRAVEL / GRAVELLY SAND (SW/GC)	5.0	3.0	1.5" DEPTH

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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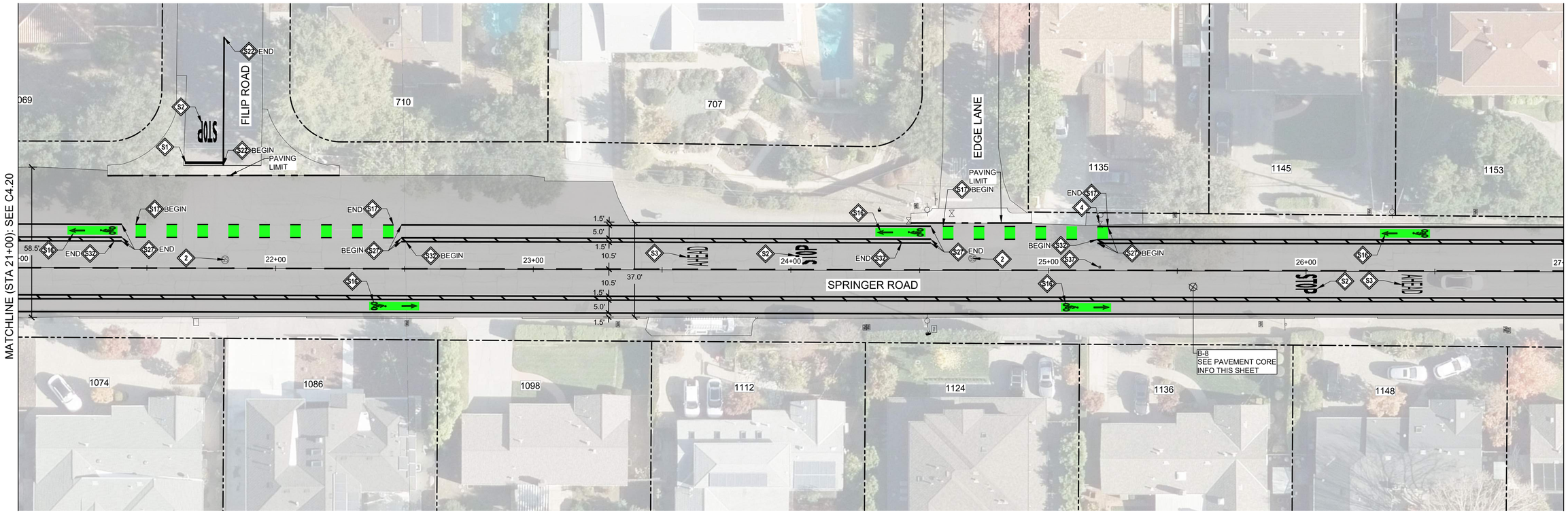
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MANES No. 81931 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
STREET IMPROVEMENT PLAN - SPRINGER ROAD
15+00 to 21+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.20
27 OF 50
JOB NO. 250007



SPRINGER ROAD REPAIR

SCALE IN FEET: 20 10 0 20 40 60

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S4 MARKING WORD "ONLY"
- S10 MARKING "30"
- S11 MARKING ARROW TYPE I
- S12 MARKING ARROW TYPE IV (L)
- S13 MARKING ARROW TYPE IV (R)
- S15 MARKING SHARROW
- S16 MARKING BIKE LANE SYMBOL. SEE DETAIL A/C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C/C4.3
- S18 GREEN BACK
- S19 DETAIL 2
- S20 DETAIL 8
- S21 DETAIL 15

STRIPING NOTES:

- S22 DETAIL 22
- S23 DETAIL 25
- S24 DETAIL 27B
- S25 DETAIL 37B
- S26 DETAIL 38
- S27 DETAIL 39
- S28 DETAIL 39A
- S29 DETAIL 40
- S31 6" DIAGONAL YELLOW STRIPE
- S32 4" DIAGONAL WHITE STRIPE
- S33 WHITE LADDER CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER
- S45 MARKING ARROW TYPE VII

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-8	SAND WITH GRAVEL (SP/SW)	7.0	0.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

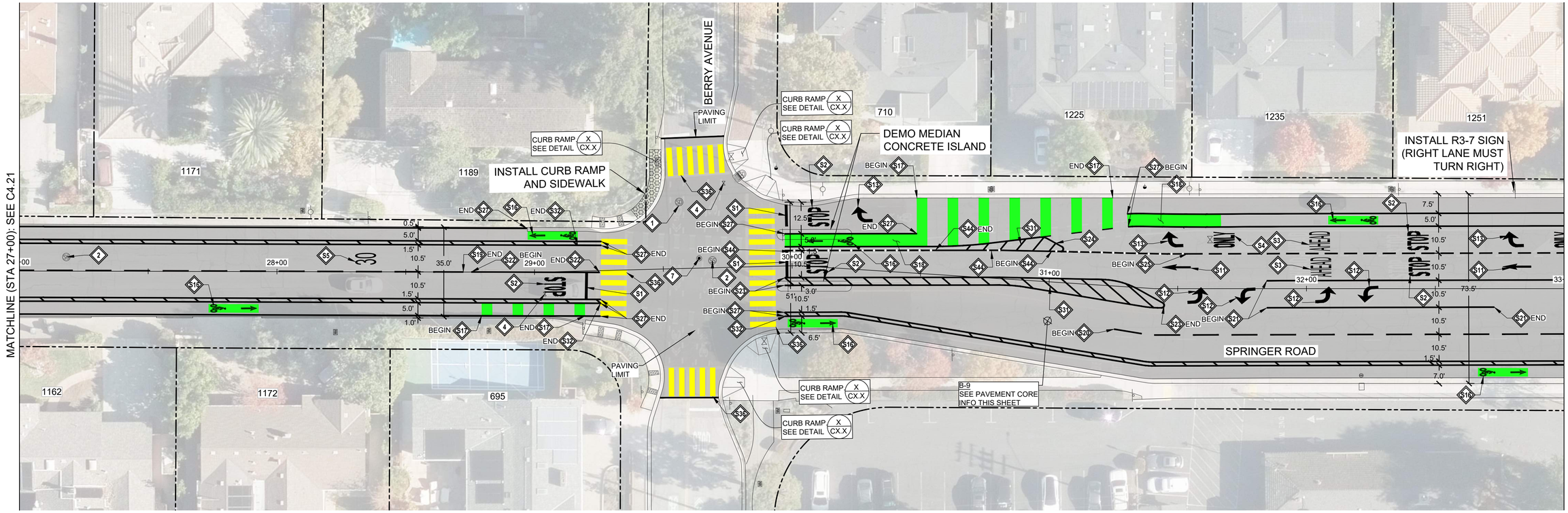
REGISTERED PROFESSIONAL ENGINEER JOSEPH MUCAY No. 87453 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT

STREET IMPROVEMENT PLAN - SPRINGER ROAD
21+00 to 27+00

LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.21
28 OF 50
JOB NO. 250007



SPRINGER ROAD REPAIR

SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S4 MARKING WORD "ONLY"
- S10 MARKING "30"
- S11 MARKING ARROW TYPE I
- S12 MARKING ARROW TYPE IV (L)
- S13 MARKING ARROW TYPE IV (R)
- S15 MARKING SHARROW
- S16 MARKING BIKE LANE SYMBOL. SEE DETAIL A C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C C4.3
- S18 GREEN BACK
- S19 DETAIL 2
- S20 DETAIL 8
- S21 DETAIL 15

STRIPING NOTES:

- S22 DETAIL 22
- S23 DETAIL 25
- S24 DETAIL 27B
- S25 DETAIL 37B
- S26 DETAIL 38
- S27 DETAIL 39
- S28 DETAIL 39A
- S29 DETAIL 40
- S31 6" DIAGONAL YELLOW STRIPE
- S32 4" DIAGONAL WHITE STRIPE
- S33 WHITE LADDER CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER
- S43 MARKING ARROW TYPE VII

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-9	SAND WITH GRAVEL (SP/SW)	6.0	0.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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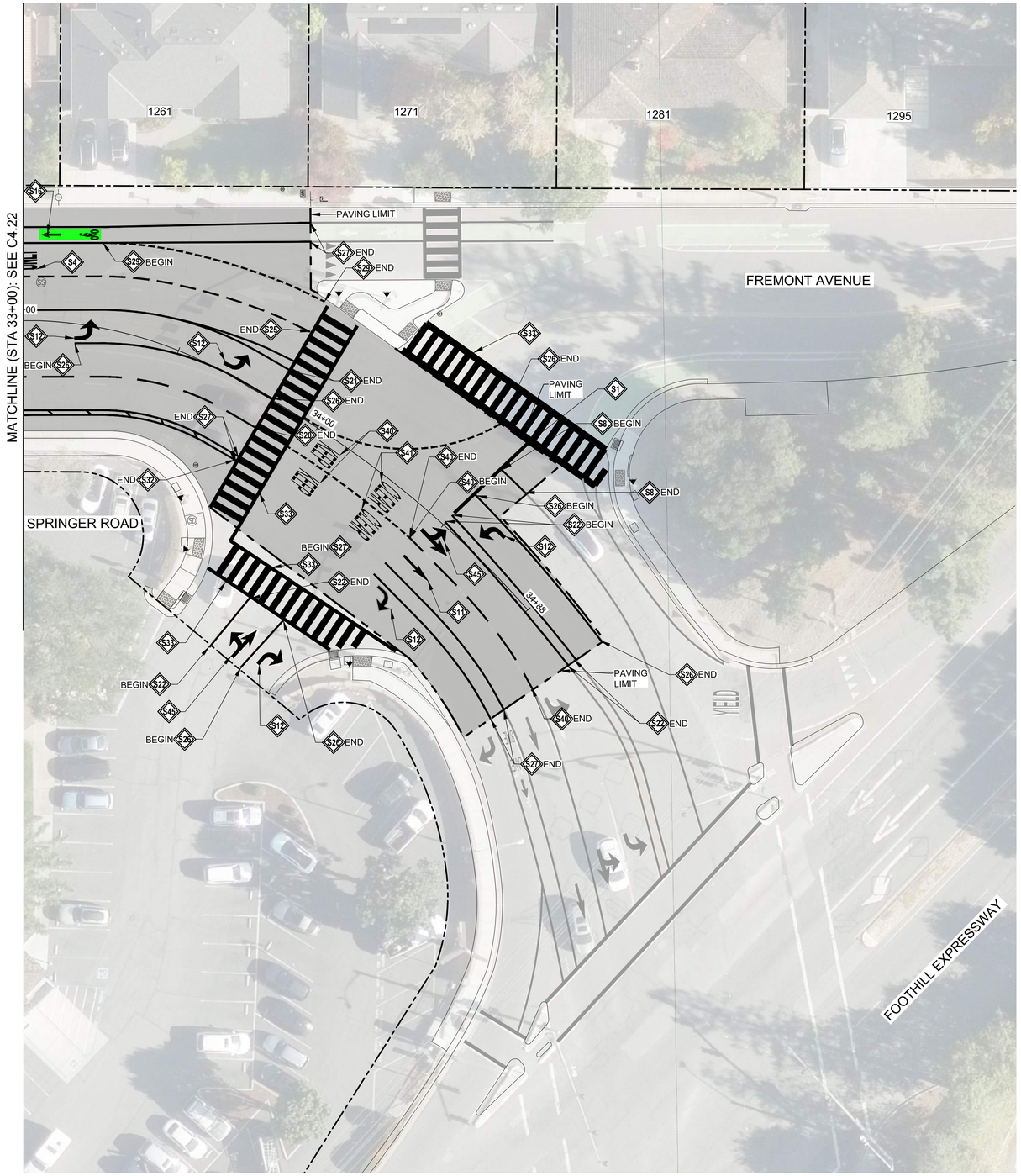
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MANUEL ABUCAY No. 81931 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
STREET IMPROVEMENT PLAN - SPRINGER ROAD
27+00 to 33+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.22
29 OF 50
JOB NO. 250007



LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # — 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XXX
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S4 MARKING WORD "ONLY"
- S10 MARKING "30"
- S11 MARKING ARROW TYPE I
- S12 MARKING ARROW TYPE IV (L)
- S13 MARKING ARROW TYPE IV (R)
- S15 MARKING SHARROW
- S16 MARKING BIKE LANE SYMBOL. SEE DETAIL A / C4.3
- S17 GREEN DASHED BIKE LANE. SEE DETAIL B,C / C4.3
- S18 GREEN BACK
- S19 DETAIL 2
- S20 DETAIL 8
- S21 DETAIL 15

STRIPING NOTES:

- S22 DETAIL 22
- S23 DETAIL 25
- S24 DETAIL 27B
- S25 DETAIL 37B
- S26 DETAIL 38
- S27 DETAIL 39
- S28 DETAIL 39A
- S29 DETAIL 40
- S31 6" DIAGONAL YELLOW STRIPE
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- S33 WHITE LADDER CROSSWALK
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S44 36" HIGH YELLOW FLEXIBLE CHANNELIZER
- S45 MARKING ARROW TYPE VII

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SPRINGER ROAD REPAIR

20 10 0 20 40 60
SCALE IN FEET

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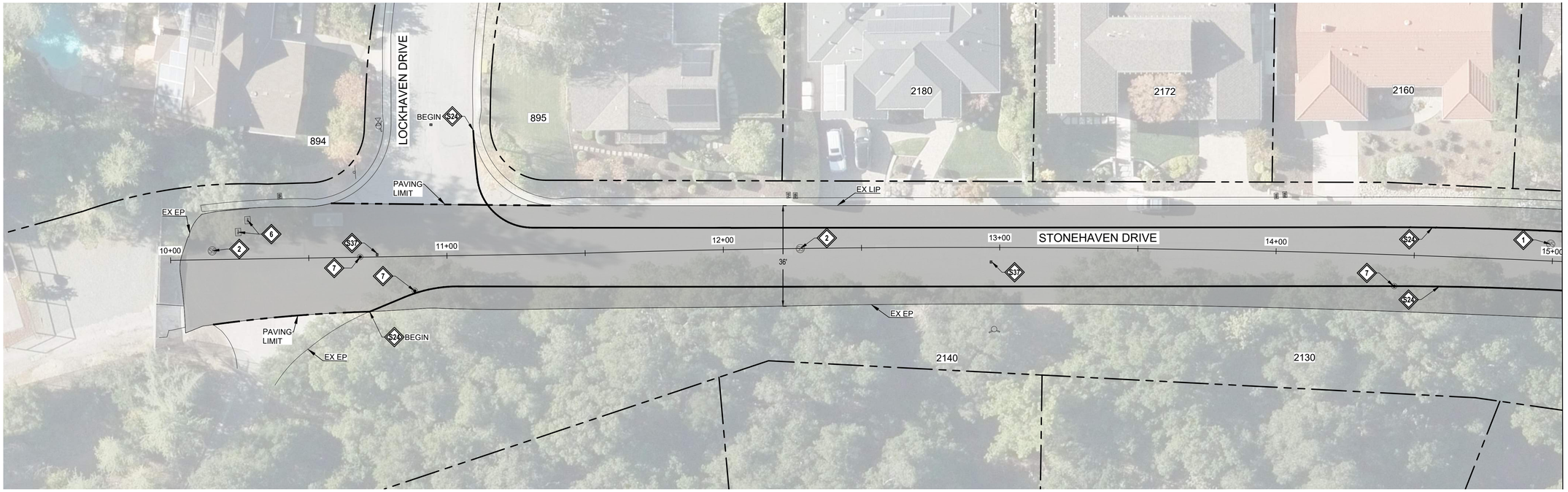
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ARUCAY No. 87431 CIVIL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
STREET IMPROVEMENT PLAN - SPRINGER ROAD
33+00 to 64+88
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.23
30 OF 50
JOB NO. 250007

65% SUBMITTAL
APRIL 07, 2025



PAVEMENT REPAIR SITE - STONEHAVEN DRIVE

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/XX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S6 MARKING WORD "YIELD"
- S7 MARKING WORD "SLOW"
- S8 MARKING WORD "SCHOOL"
- S14 SPEED BUMP MARKING
- S15 SHARROW MARKING
- S22 DETAIL 22
- S24 DETAIL 27B
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL X/XX.X

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 87431 CIVIL STATE OF CALIFORNIA

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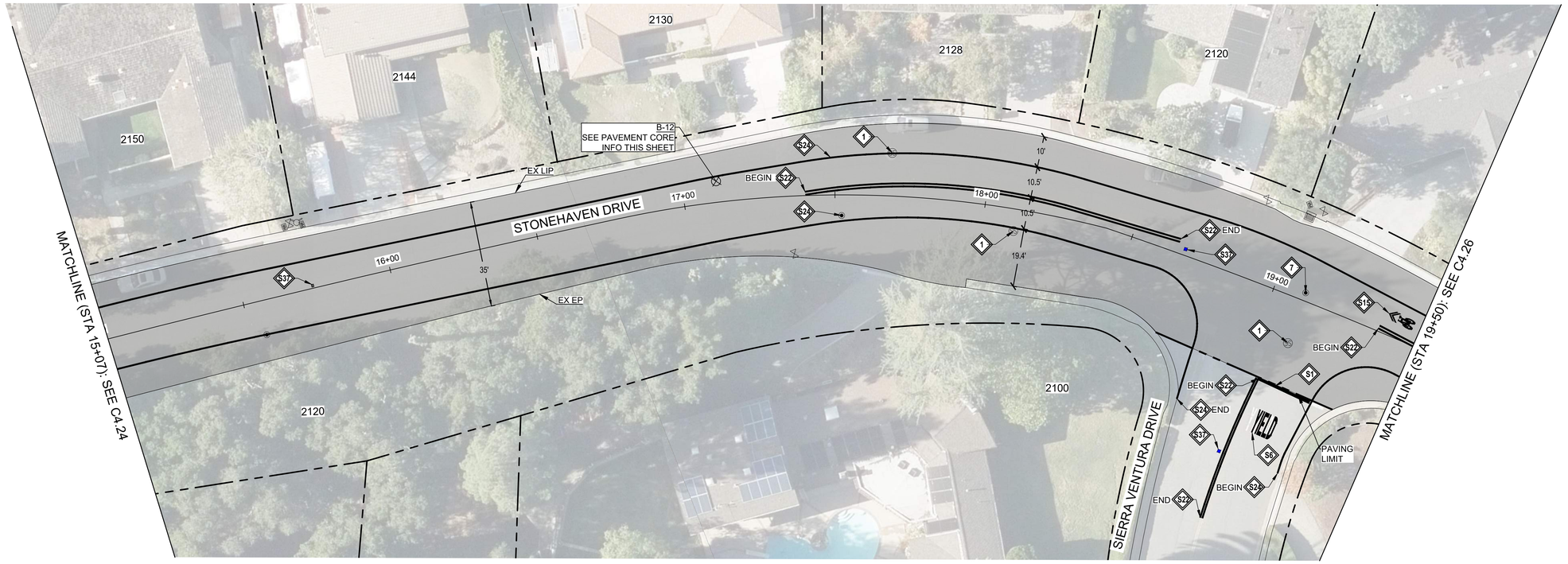
IMPROVEMENT PLAN - STONEHAVEN DRIVE
10+00 to 15+07
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.24
31 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - STONEHAVEN DRIVE

SCALE IN FEET: 20 10 0 20 40 60

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S6 MARKING WORD "YIELD"
- S7 MARKING WORD "SLOW"
- S8 MARKING WORD "SCHOOL"
- S14 SPEED BUMP MARKING
- S15 SHARROW MARKING
- S22 DETAIL 22
- S24 DETAIL 27B
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL X/XX.X

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LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [2]
B-12	SILTY SAND WITH GRAVEL (SM)	5.5	4.5	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

65% SUBMITTAL
APRIL 07, 2025

BY	DATE	REVISIONS

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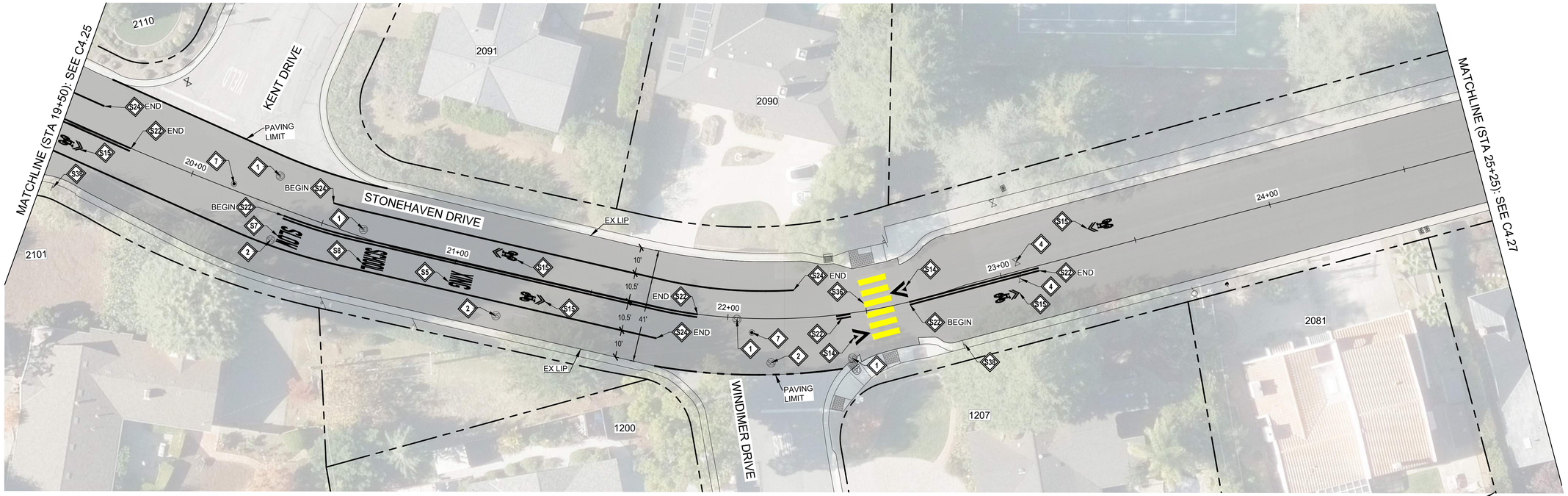
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MASSI ARJOCAY No. 87163 CIVIL STATE OF CALIFORNIA
MANAGER CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - STONEHAVEN DRIVE
15+07 TO 19+50
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.25
32 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - STONEHAVEN DRIVE

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S6 MARKING WORD "YIELD"
- S7 MARKING WORD "SLOW"
- S8 MARKING WORD "SCHOOL"
- S14 SPEED BUMP MARKING
- S15 SHARROW MARKING
- S22 DETAIL 22
- S24 DETAIL 27B
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL X/XX.X

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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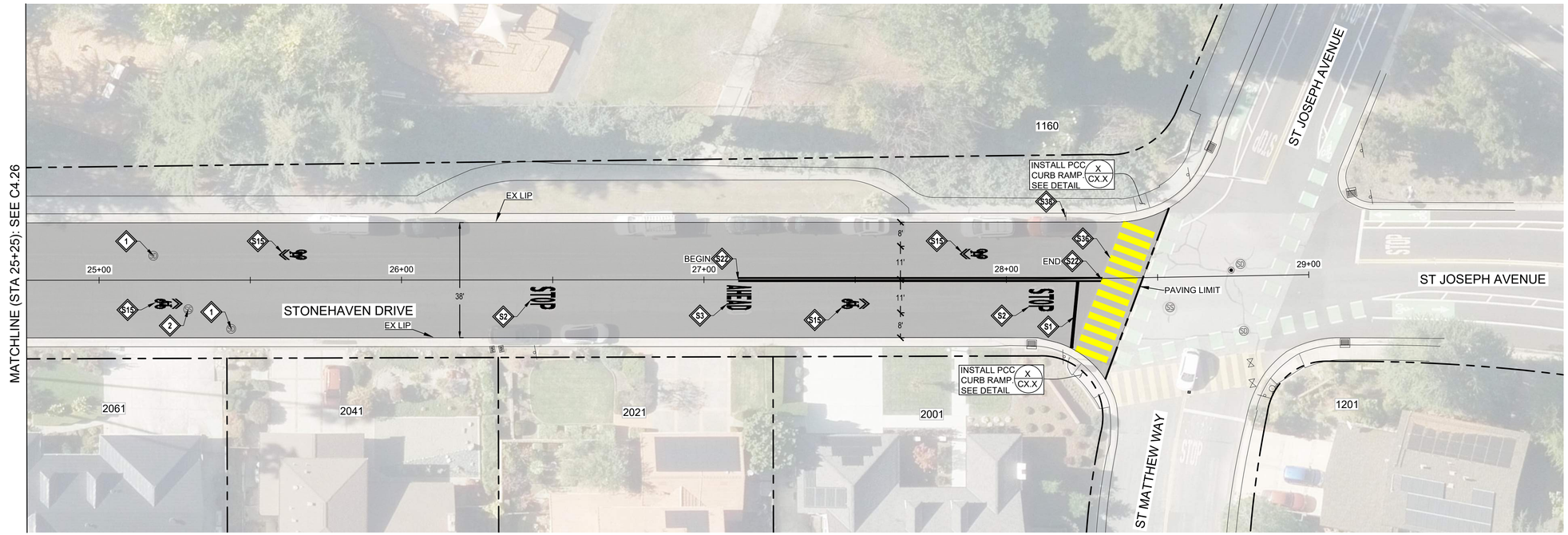
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MANNY ABUCAY No. 87432 CIVIL STATE OF CALIFORNIA
MANNY ABUCAY, PUBLIC WORKS DIRECTOR/CITY ENGINEER

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - STONEHAVEN DRIVE
20+00 TO 25+25
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.26
33 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - STONEHAVEN DRIVE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
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5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S3 MARKING WORD "AHEAD"
- S5 MARKING WORD "XING"
- S6 MARKING WORD "YIELD"
- S7 MARKING WORD "SLOW"
- S8 MARKING WORD "SCHOOL"
- S14 SPEED BUMP MARKING
- S15 SHARROW MARKING
- S22 DETAIL 22
- S24 DETAIL 27B
- S36 YELLOW CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S38 INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL X / XX.X

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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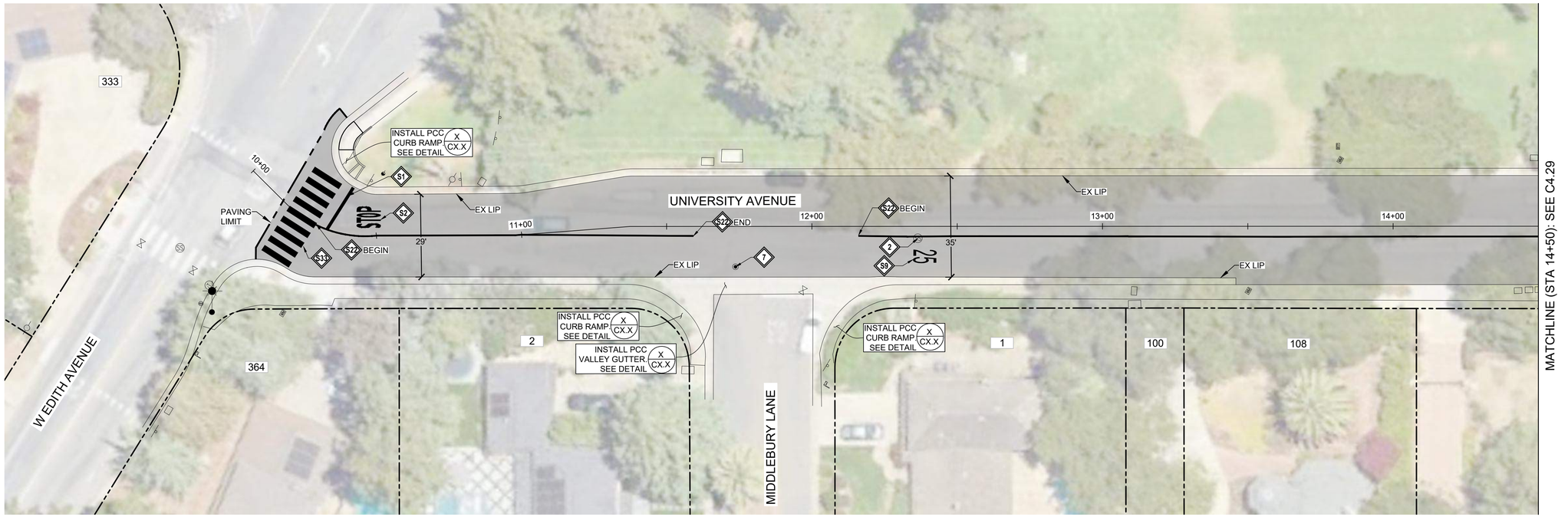
CALIFORNIA 94022

PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 87431 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - STONEHAVEN DRIVE
25+25 TO 29+79
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.19
26 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - UNIVERSITY AVENUE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
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6. LOWER & RESTORE TO GRADE UTILITY BOX
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   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S9 MARKING "25"
- S22 DETAIL 22
- S33 WHITE CONTINENTAL CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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CITY OF LOS ALTOS
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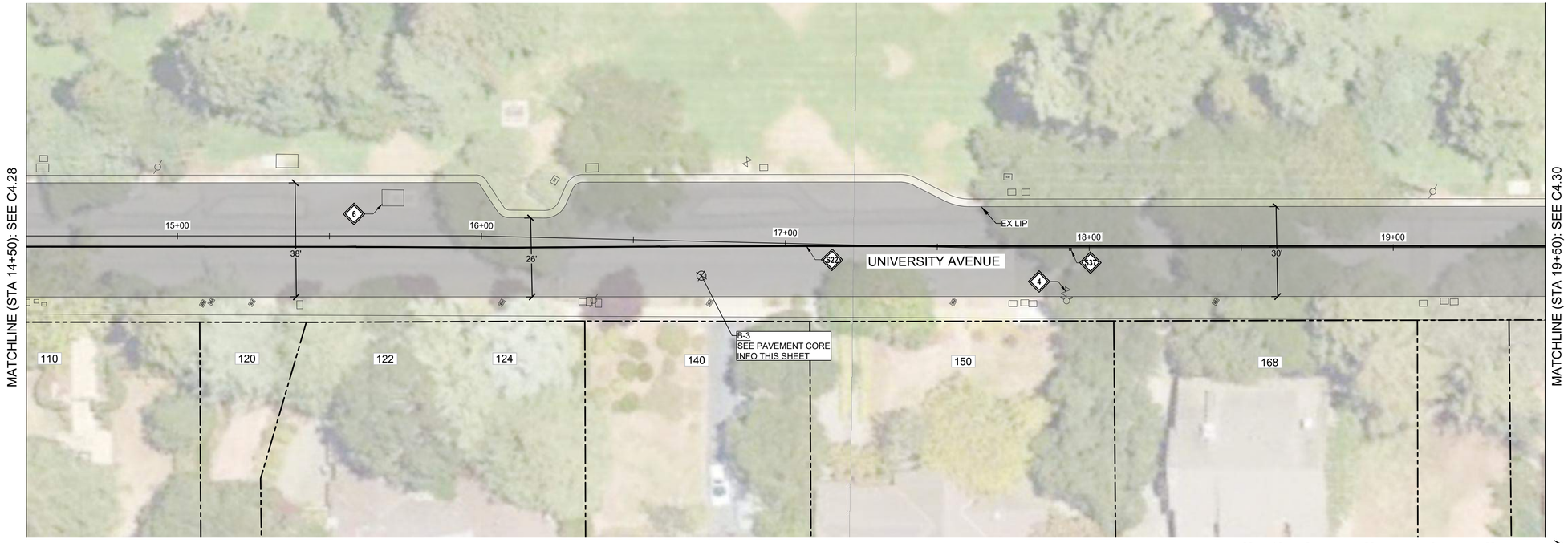
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MANNY ARUCAY No. 87437 CIVIL STATE OF CALIFORNIA
MANAGER CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - UNIVERSITY AVENUE
10+00 to 14+50
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.28
35 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - UNIVERSITY AVENUE

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
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5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL (X / CX.X)
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S9 MARKING "25"
- S22 DETAIL 22
- S33 WHITE LADDER CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL (X / XX.X)
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

PAVEMENT CORING LOG

CORE #	SUBGRADE	AC (IN)	AB (IN)	FABRIC [3]
B-3	CLAYEY SAND (SC)	4.0	2.0	N/A

PAVEMENT CORING NOTES

1. PAVEMENT CORING WAS PERFORMED IN SELECT LOCATIONS AND IS NOT REPRESENTATIVE OF ALL EXISTING PAVEMENT CONDITIONS WITHIN THE WORK LIMITS.
2. PAVEMENT TO BE COLD PLANED OR REMOVED MAY CONTAIN PAVEMENT FABRIC. PAVEMENT BORINGS ARE NOT REPRESENTATIVE OF ENTIRE STREET WORK LIMITS. ANY ASSUMPTION OF THE PRESENCE OF PAVEMENT FABRIC SHALL BE AT THE CONTRACTOR'S SOLE RISK. THERE SHALL BE NO ADJUSTMENT IN COMPENSATION TO THE CONTRACTOR FOR COLD PLANING, REMOVING, AND DISPOSING AC PAVEMENT THAT CONTAINS PAVEMENT FABRIC.

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APRIL 07, 2025

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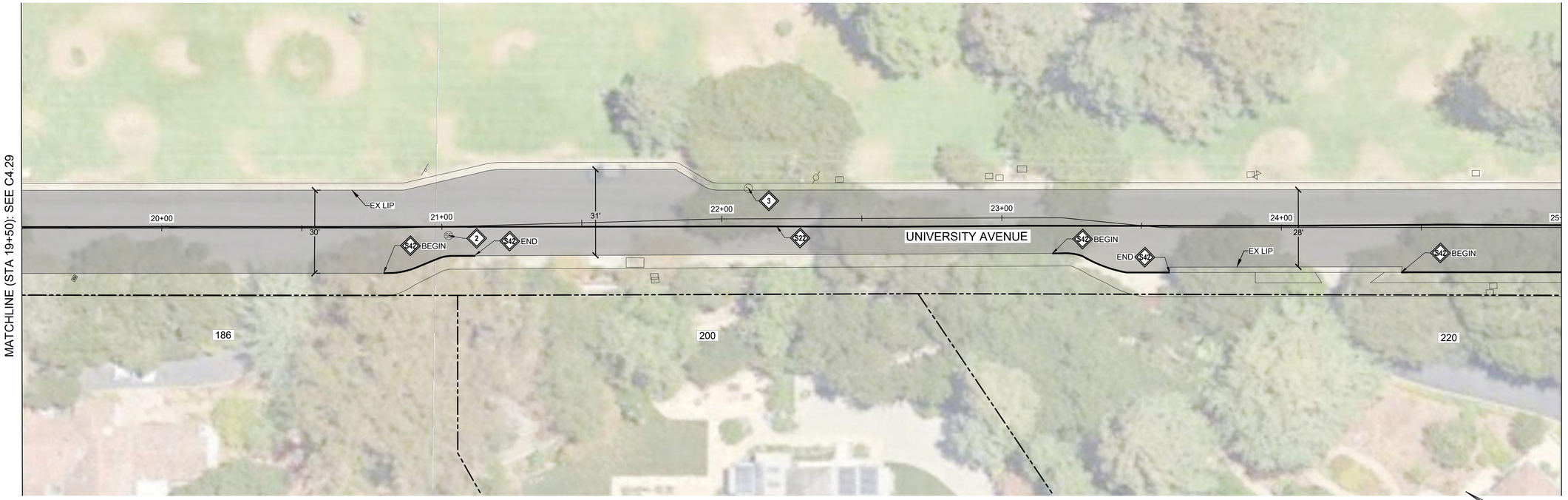
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MARK ARUCAY No. 87431 CIVIL STATE OF CALIFORNIA
MANAGING CONSTRUCTION

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - UNIVERSITY AVENUE
14+50 to 19+50
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.29
36 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - UNIVERSITY AVENUE

20 10 0 20 40 60
SCALE IN FEET

N

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
3. LOWER & RESTORE TO GRADE UTILITY MANHOLE (NOTIFY & COORDINATE WITH UTILITY COMPANY PRIOR TO WORK)
4. LOWER & RESTORE TO GRADE WATER VALVE
5. LOWER & RESTORE TO GRADE GAS VALVE
6. LOWER & RESTORE TO GRADE UTILITY BOX
7. REINSTALL SURVEY MONUMENT. UNDER CALIFORNIA LICENSED SURVEYOR:
   - REFERENCE OUT PRIOR TO START OF CONSTRUCTION
   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X / CX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S9 MARKING "25"
- S22 DETAIL 22
- S33 WHITE LADDER CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X / XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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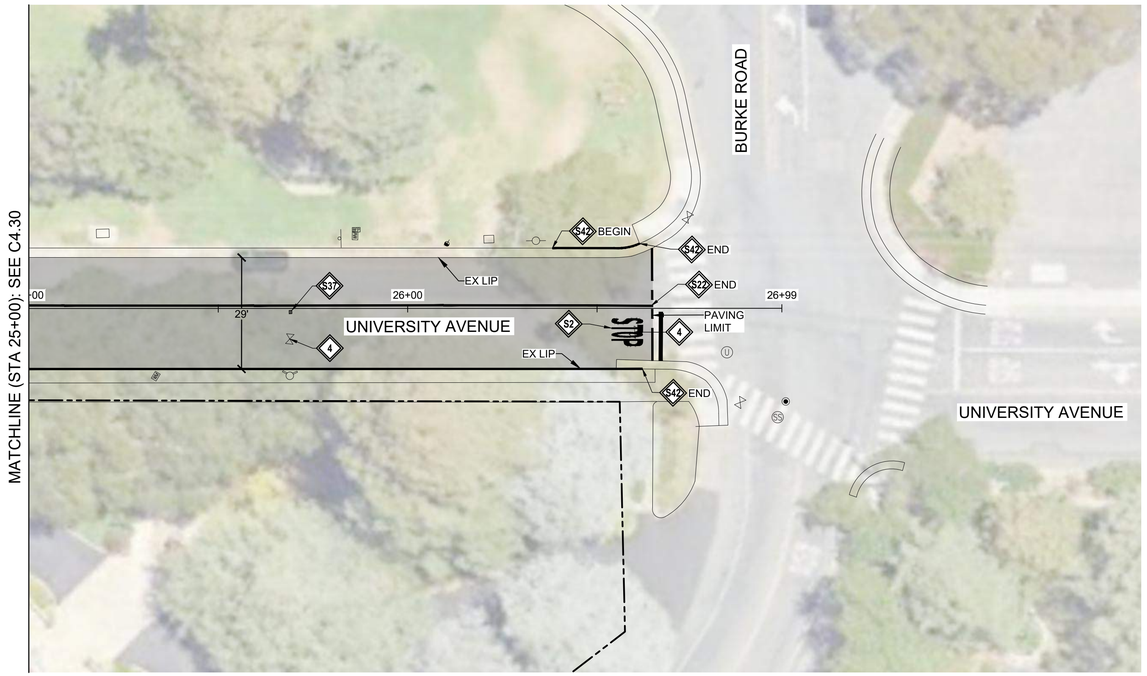
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH MANUEL AMUCAY No. 81731 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - UNIVERSITY AVENUE
19+50 to 25+00
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.30 37 OF 50
JOB NO. 250007



PAVEMENT REPAIR SITE - UNIVERSITY AVENUE

20 10 0 20 40 60
SCALE IN FEET

CONSTRUCTION NOTES:

1. LOWER & RESTORE TO GRADE STORM MANHOLE
2. LOWER & RESTORE TO GRADE SEWER MANHOLE (TEMPORARY FALSE BOTTOM TO BE INSTALLED PRIOR TO ANY MANHOLE WORK, & REMOVED AFTER)
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   - FILE PROPER DOCUMENTATION SHOWING ORIGINAL AND REPLACEMENT MONUMENTS AFTER CONSTRUCTION
   - SEE DETAIL X/XX.X
8. INSTALL W11-1 & W16-1 SIGNS ON NEW POST. SEE DETAIL
9. LOWER & RESTORE TO GRADE SEWER CLEANOUT

STRIPING NOTES:

- S1 WHITE LIMIT LINE (STOP LINE)
- S2 MARKING WORD "STOP"
- S9 MARKING "25"
- S22 DETAIL 22
- S33 WHITE LADDER CROSSWALK
- S37 BLUE HYDRANT MARKER
- S42 REPAINT RED CURB

LEGEND:

- 3" AC GRIND & INLAY. SEE TYPICAL SECTIONS
- # 4" AC BASE REPAIR. REFERENCE ALLOCATION QUANTITIES TABLE THIS SHEET. SEE DETAIL X/XX.X
- APPROXIMATE LIMIT OF WORK
- APPROXIMATE RIGHT OF WAY

GENERAL NOTES:

1. SEE THE CURRENT VERSION OF CALTRANS STANDARD PLANS FOR PAVEMENT MARKINGS, TRAFFIC LINES, AND MARKERS.
2. A TACK COAT EMULSION SHALL BE APPLIED TO CLEAN DRY PAVEMENT BETWEEN (E) AND (N) PAVEMENT SECTIONS PRIOR TO INLAY/OVERLAY

AC BASE REPAIR ALLOCATION QUANTITIES

AC PAVEMENT REPAIR #	AREA (SF)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
SUBTOTAL AREA (SF)	0.0

PAVEMENT REPAIR QUANTITY NOTES

1. ACTUAL PAVEMENT REPAIR EXTENTS AND QUANTITIES MAY VARY. ENGINEER SHALL DETERMINE PAVEMENT REPAIR EXTENTS AFTER COLD PLANE OPERATIONS ARE COMPLETE AND PRIOR TO PAVING.

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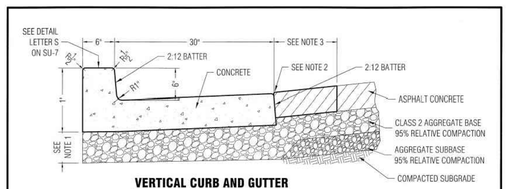
CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER MANUEL JOSEPH ABUCAY No. 87131 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
IMPROVEMENT PLAN - UNIVERSITY AVENUE
XXXX to XXXX
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C4.31
38 OF 50
JOB NO. 250007



NOTES:

1. THICKNESS OF AGGREGATE BASE SHALL BE:
   * FOR NEW STREET SECTION, AS DETERMINED BY EXTENSION OF ROADWAY GRADING PLANE (6" MIN.)

   -OR-

   * FOR EXISTING STREET SECTION, 6"
2. EDGE OF PAVEMENT 1/4" ABOVE LIP (FOR 30" GUTTER, THE LIP SHALL BE 2-1/2" ABOVE FLOWLINE)
3. FOR NEW CURB & GUTTER INSTALLED ADJACENT TO EXISTING PAVEMENT, TWELVE INCHES (12") OF THE AC EDGE SHALL BE SAWCUT, REMOVED AND REPLACED WITH NEW AC PAVEMENT

Approved: City Engineer Date 1/4/10

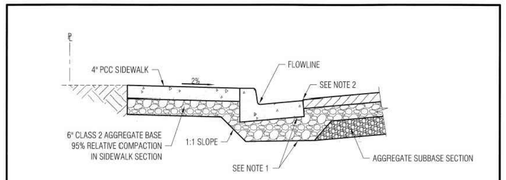
CITY OF LOS ALTOS CALIFORNIA INCORPORATED DECEMBER 1952

REVISION	
Description	Date

ENGINEERING DIVISION

VERTICAL AND ROLLED CURB AND GUTTER — **SU-6**

STANDARD DETAILS MAY 2010



STANDARD CROSS SECTIONS

NOTES:

1. THICKNESS OF AGGREGATE BASE UNDER CURB & GUTTER SHALL BE:
   * FOR NEW STREET SECTION, AS DETERMINED BY EXTENSION OF ROADWAY GRADING PLANE (6" MIN.)

   OR

   * FOR EXISTING STREET SECTION, 6"
2. SEE VERTICAL CURB AND ROLLED CURB AND GUTTER DETAIL SU-6

Approved: City Engineer Date 1/4/10

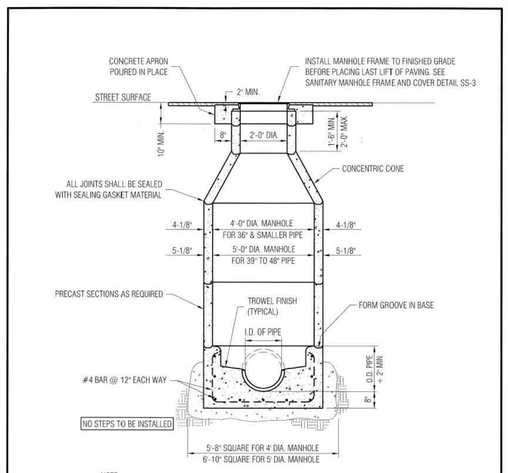
CITY OF LOS ALTOS CALIFORNIA INCORPORATED DECEMBER 1952

REVISION	
Description	Date

ENGINEERING DIVISION

SIDEWALK CROSS-SECTION — **SU-8**

STANDARD DETAILS MAY 2010



NOTE:

1. FOR INLINE MANHOLES LAY PIPE THRU BOTTOM OF MANHOLES. AFTER CONCRETE IN BASE HAS SET, KNOCK OUT PORTION OF PIPE INDICATED WITH DASHED LINES. (FOR BRANCHED BASE SEE SS-4)

Approved: City Engineer Date 1/4/10

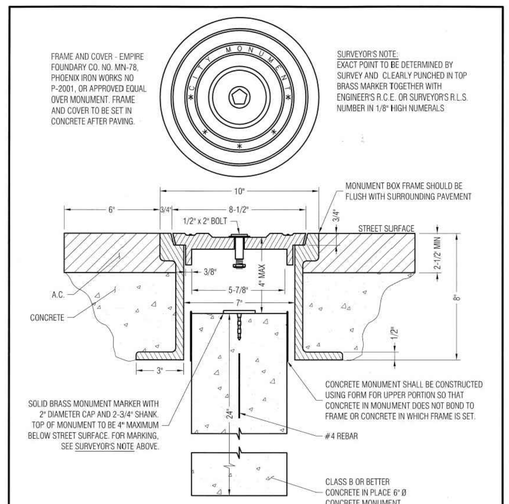
CITY OF LOS ALTOS CALIFORNIA INCORPORATED DECEMBER 1952

REVISION	
Description	Date

ENGINEERING DIVISION

SANITARY SEWER MANHOLE (CONCENTRIC CONE) — **SS-1**

STANDARD DETAILS MAY 2010



Approved: City Engineer Date 1/4/10

CITY OF LOS ALTOS CALIFORNIA INCORPORATED DECEMBER 1952

REVISION	
Description	Date

ENGINEERING DIVISION

SURVEY MONUMENT — **SU-14**

STANDARD DETAILS MAY 2010

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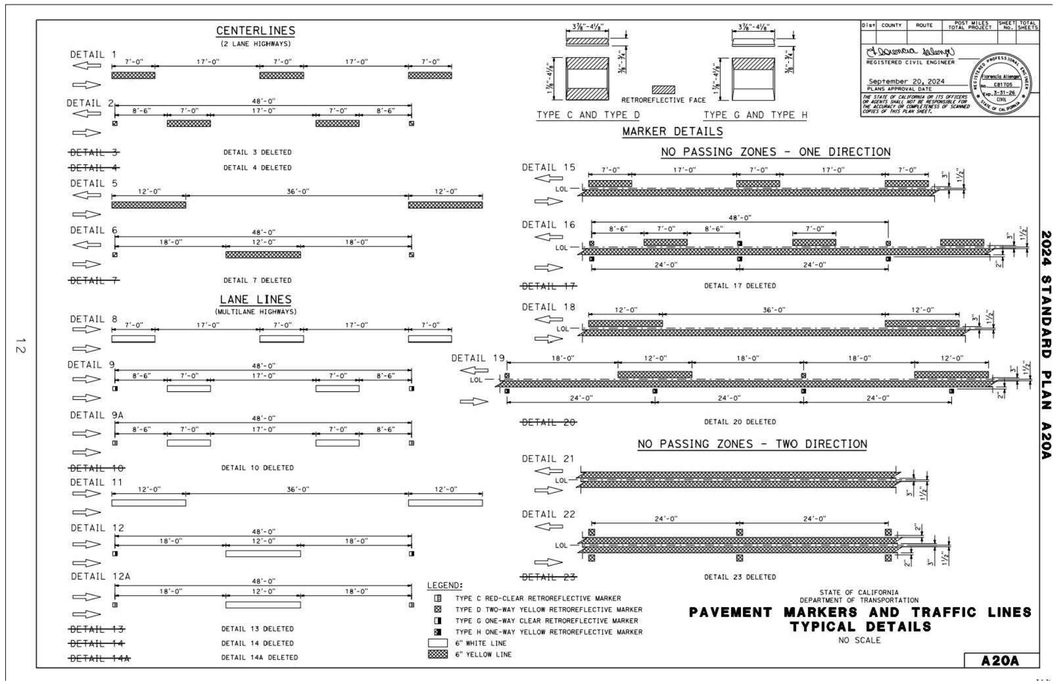

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

September 20, 2024

PLANS APPROVAL DATE

Expires 6/30/26

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CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 87453 CIVIL STATE OF CALIFORNIA

2024-2025 ANNUAL STREET RESURFACING PROJECT
LOS ALTOS — SANTA CLARA COUNTY — CALIFORNIA

CIVIL DETAILS

DWG NO. C5.1
39 OF 50

JOB NO. 250007

13

LEFT EDGE LINES
(DIVIDED HIGHWAYS)
See Note

DETAIL 24 — EDGE OF TRAVELED WAY
DETAIL 25 — EDGE OF TRAVELED WAY, 48'-0"
DETAIL 25A — 24'-0", 24'-0", EDGE OF TRAVELED WAY
DETAIL 25B — EDGE OF TRAVELED WAY, 48'-0"
DETAIL 26 — EDGE OF TRAVELED WAY, 48'-0"
DETAIL 26A — EDGE OF TRAVELED WAY, 48'-0"
DETAIL 26B — EDGE OF TRAVELED WAY, 48'-0"
DETAIL 27 — EDGE OF TRAVELED WAY, 48'-0"

RIGHT EDGE LINES

~~DETAIL 27A~~ DETAIL 27A DELETED

DETAIL 27B — EDGE OF TRAVELED WAY

LEFT EDGE LINES NOTE:
On freeways use traffic stripe details with Type RY markers.

RIGHT EDGE LINE EXTENSION THROUGH INTERSECTIONS

DETAIL 27C — 3'-0", 12'-0", 12'-0", 12'-0", 3'-0"

MEDIAN ISLANDS

DETAIL 28 — LOL, 4"

DETAIL 29 — 24'-0", 24'-0", LOL, 4", 2'-0"

~~DETAIL 30~~ DETAIL 30 DELETED

TWO-WAY LEFT TURN LANES

DETAIL 31 — LOL, 12'-0" TYPICAL

DETAIL 32 — 96'-0", 24'-0" ×6, LOL, 18'-0", 12'-0", 36'-0", 12'-0", 18'-0", 12'-0" TYPICAL

~~DETAIL 33~~ DETAIL 33 DELETED

LEGEND:
- TYPE O TWO-WAY YELLOW RETROREFLECTIVE MARKER
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE MARKER
- TYPE RY RED-YELLOW RETROREFLECTIVE MARKER
- 6" WHITE LINE
- 6" YELLOW LINE

INTERSECTION TREATMENTS

DETAIL 34 — 100'-0" Min, 12'-0", 18'-0", 18'-0", 12'-0", 18'-0", 24'-0" ×3, LOL, 4½"

DETAIL 34A — 12'-0", 36'-0", 12'-0", 100'-0" Min, LOL, 4½"

DETAIL 35 — 8'-6", 7'-0", 24'-0" ×3, 100'-0" Min, LOL, 4½"

DETAIL 35A — 7'-0", 17'-0", 100'-0" Min, LOL, 4½"

CENTERLINE INTERSECTING STREET

MARKER DETAILS

TYPE RY AND TYPE D — TYPE H — RETROREFLECTIVE FACE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
September 20, 2024
PLANS APPROVAL DATE
Fernando Alamani, No. C81705, Exp. 3-31-26, CIVIL, STATE OF CALIFORNIA
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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKERS AND TRAFFIC LINES
TYPICAL DETAILS
NO SCALE

A20B

2024 STANDARD PLAN A20B

15

CHANNELIZING LINE

DETAIL 38 — 8" WHITE LINE, 24'-0", 24'-0", 2', THROUGH TRAFFIC

DETAIL 38A — 8" WHITE LINE

DETAIL 38B — 8" WHITE LINE, 24'-0", 24'-0", 2'

~~DETAIL 38C~~ DETAIL 38C DELETED

DETAIL 38D — EXIT RAMPS ONLY — 8" WHITE LINE, 24'-0", 24'-0", 2'

BIKE LANE LINE

DETAIL 39 — 6" WHITE LINE

INTERSECTION LINE
BIKE LANE

DETAIL 39A — 200'-0", INTERSECTION, 8'-0", 4'-0", 6" WHITE LINE

LANE LINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 40 — 1'-0", 6'-0", 6" WHITE LINE

~~DETAIL 40A~~ DETAIL 40A DELETED

CENTERLINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 41 — 1'-0", 6'-0", 6" YELLOW LINE

~~DETAIL 41A~~ DETAIL 41A DELETED

MARKER DETAILS

TYPE C — TYPE G — RETROREFLECTIVE FACE

DETAIL FOR RECESSED TRAFFIC STRIPE
See Notes A and B

FINISHED ROADWAY SURFACE, 6" TO 8", STRIPING MATERIAL

RECESSED NOTES:
A. See typical traffic line details for pavement marking patterns.
B. See Standard Specifications for recess depth and recess striping material thickness.

LEGEND:
- TYPE C RED-CLEAR RETROREFLECTIVE MARKER
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE MARKER
- 6" YELLOW LINE

RETROREFLECTIVE PAVEMENT MARKER AT DOWNSTREAM END OF RECESS

SECTION A-A — RETROREFLECTIVE PAVEMENT MARKER AT DOWNSTREAM END OF RECESS — SEE NOTE 3

PLAN
TYPE 1
See Note 5

RETROREFLECTIVE PAVEMENT MARKER AT CENTER OF RECESS

SECTION B-B — RETROREFLECTIVE PAVEMENT MARKER AT CENTER OF RECESS — SEE NOTE 3

PLAN
TYPE 2

RECESS DETAIL FOR RETROREFLECTIVE PAVEMENT MARKER
See Note 4

RETROREFLECTIVE FACE

TYPE C, TYPE RY, AND TYPE D — TYPE G, TYPE R AND TYPE H

RETROREFLECTIVE PAVEMENT MARKER FOR RECESSED INSTALLATION
See Notes 1 and 2

RECESSED MARKER NOTES:
1. See typical traffic line details for marker patterns to be used with recessed pavement markers.
2. The retroreflective pavement markers shown for recessed installations are not to be used for non-recessed installations.
3. The top of pavement markers installed in recesses shall be 0" to ⅛" below the pavement surface.
4. Use Type 1 recess for pavement markers with one-way retroreflective face. Use Type 2 recess for pavement markers with two-way retroreflective face.
5. For exit ramps, use Type 1 recess for Type R markers with one-way retroreflective face. Reverse the orientation of the recess and place the marker at the upstream end of the recess.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKERS AND TRAFFIC LINES
TYPICAL DETAILS
NO SCALE

A20D

2024 STANDARD PLAN A20D

19

TYPE I 18'-0" ARROW — 3'-6", 18'-0", 1'-0" GRID, 1'-0", A=25 ft²

TYPE I 24'-0" ARROW — 3'-6", 24'-0", 1'-0" GRID, 1'-0", A=31 ft²

TYPE I 10'-0" ARROW — 3'-6", 10'-0", 1'-0" GRID, 1'-0", A=14 ft²

TYPE IV (L) ARROW — 6'-0", 8'-0", 1'-0" GRID, 1'-0", A=15 ft²
For Type II (R) arrow, use mirror image.

TYPE VI ARROW — 5'-6", 8'-6", 18'-0", 2'-0", EDGE OF PAVEMENT, DIRECTION OF VIEW, 20°, 1'-0" GRID, A=42 ft²
Right lane drop arrow.
For left lane, use mirror image.

BIKE LANE ARROW — 1'-9", 5'-0", 6" GRID, 6", A=3.5 ft²

TYPE VIII ARROW — 9'-0", 15'-0", 1'-0" GRID, 1'-0", A=36 ft²

TYPE VII (L) ARROW — 7'-3", 13'-0", 1'-0" GRID, 1'-0", A=27 ft²
For Type III (R) arrow, use mirror image.

TYPE V ARROW — 9'-0", 1'-0", 2'-0", 1'-0", 24'-0", 17'-6", A=33 ft²

NOTE:
Minor variations in dimensions may be accepted by the Engineer.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
September 20, 2024
PLANS APPROVAL DATE
Fernando Alamani, No. C81705, Exp. 3-31-26, CIVIL, STATE OF CALIFORNIA
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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
ARROWS
NO SCALE

A24A

2024 STANDARD PLAN A24A

21

BIKE LANE SYMBOL WITHOUT PERSON — 6'-0", 4" GRID, 3'-4", A=7 ft²

BIKE LANE SYMBOL WITH PERSON — 6'-6", 4" GRID, 3'-4", A=7 ft²

INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING — WHITE, BLUE, 3'-0", 3'-6", 4'-5", 6" GRID, 2'-8½", 3'-9", A (WHITE) =9 ft², A (BLUE) =14 ft²

DIAMOND SYMBOL — 6", 12'-0", 1'-0" GRID, 3'-3", A=11 ft²

BICYCLE LOOP DETECTOR SYMBOL — 2", 8", 1'-8", 5'-4", 1'-8", 1", 10", 1' GRID, A=2 ft²

NUMERALS — 8'-0", 8", 4", 4'-8", A=17.5 ft² — 8'-0", 8", 4", 4'-8", A=16.5 ft² — 8'-0", 8", 4", 4'-11", A=19.5 ft²

NOTE:
Minor variations in dimensions may be accepted by the Engineer.

SHARED ROADWAY BICYCLE MARKING — 3'-6", 9'-3", 5'-3", 2'-0", 6", 6", 6", 1", 6" GRID, 3'-3", A=11.5 ft²

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
SYMBOLS AND NUMERALS
NO SCALE

A24C

2024 STANDARD PLAN A24C

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CITY OF LOS ALTOS
1 NORTH SAN ANTONIO ROAD
CALIFORNIA 94022

REGISTERED PROFESSIONAL ENGINEER — JOSEPH MANUEL ADUCAY — No. 84931 — CIVIL — STATE OF CALIFORNIA

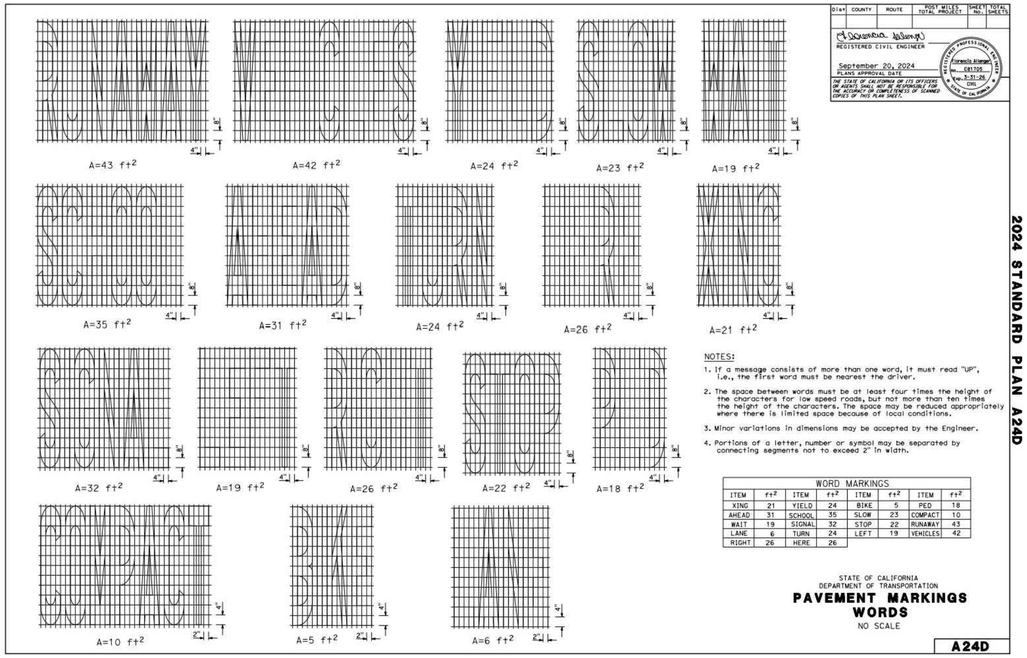
BY	DATE	REVISIONS

2024-2025 ANNUAL STREET RESURFACING PROJECT

CIVIL DETAILS

LOS ALTOS — SANTA CLARA COUNTY — CALIFORNIA

DWG NO. C5.2
40 OF 50
JOB NO. 250007



NOTES:

1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.

WORD MARKINGS

ITEM	ft²	ITEM	ft²	ITEM	ft²	ITEM	ft²
XING	21	YIELD	24	BIKE	5	PED	18
AHEAD	31	SCHOOL	35	SLOW	23	COMPACT	10
WAIT	19	SIGNAL	32	STOP	22	RUNAWAY	43
LANE	6	TURN	24	LEFT	19	VEHICLES	42
RIGHT	26	HERE	26				

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
WORDS
NO SCALE

A24D

2024 STANDARD PLAN A24D

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
September 20, 2024
PLANS APPROVAL DATE
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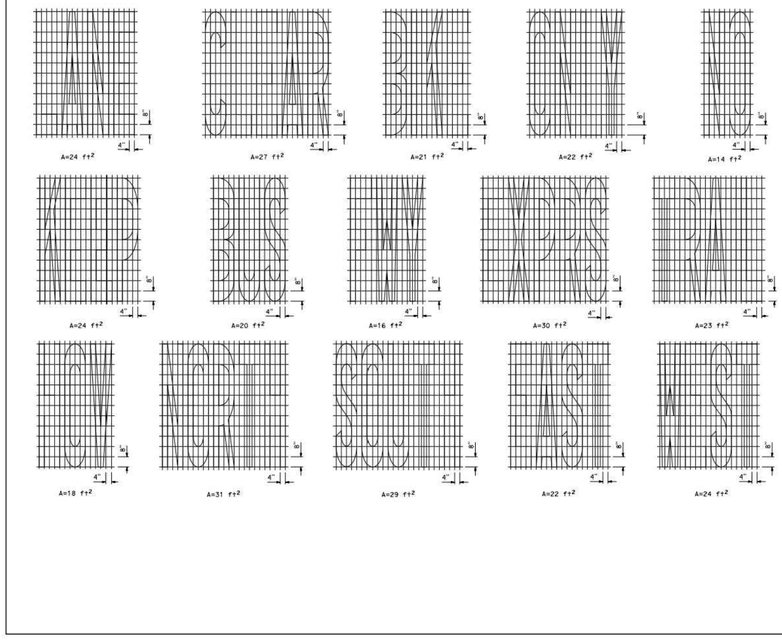

NOTES:

1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number, or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

WORD MARKINGS

ITEM	SQFT	ITEM	SQFT	ITEM	SQFT
LANE	24	EXPRES	30	FWY	16
CLEAR	27	NO	14	NORTH	31
KEEP	24	BIKE	21	SOUTH	29
HOV	18	BUS	20	EAST	22
TRAIL	23	ONLY	22	WEST	24

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
WORDS
NO SCALE

A24E

2024 STANDARD PLAN A24E

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
Forrencia Alvarez
No. C81705
Exp. 3-31-26
CIVIL
STATE OF CALIFORNIA
September 20, 2024
PLANS APPROVAL DATE
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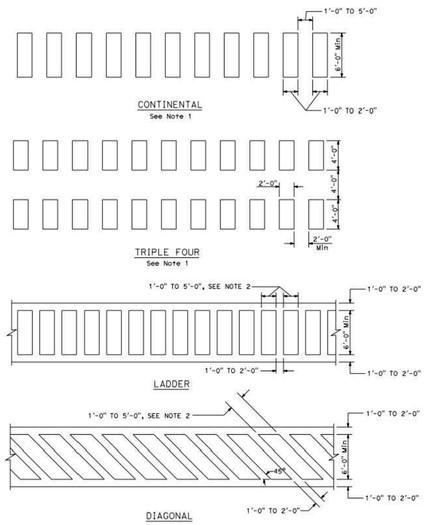
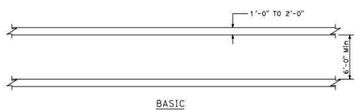


HIGHER VISIBILITY CROSSWALKS



NOTES:

1. Spaces between markings must be placed in wheel tracks of each lane.
2. Spacings not to exceed 2.5 x width of longitudinal line.
3. All crosswalk markings must be white except those near schools must be yellow.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
CROSSWALKS
NO SCALE

A24F

2024 STANDARD PLAN A24F

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
September 20, 2024
PLANS APPROVAL DATE
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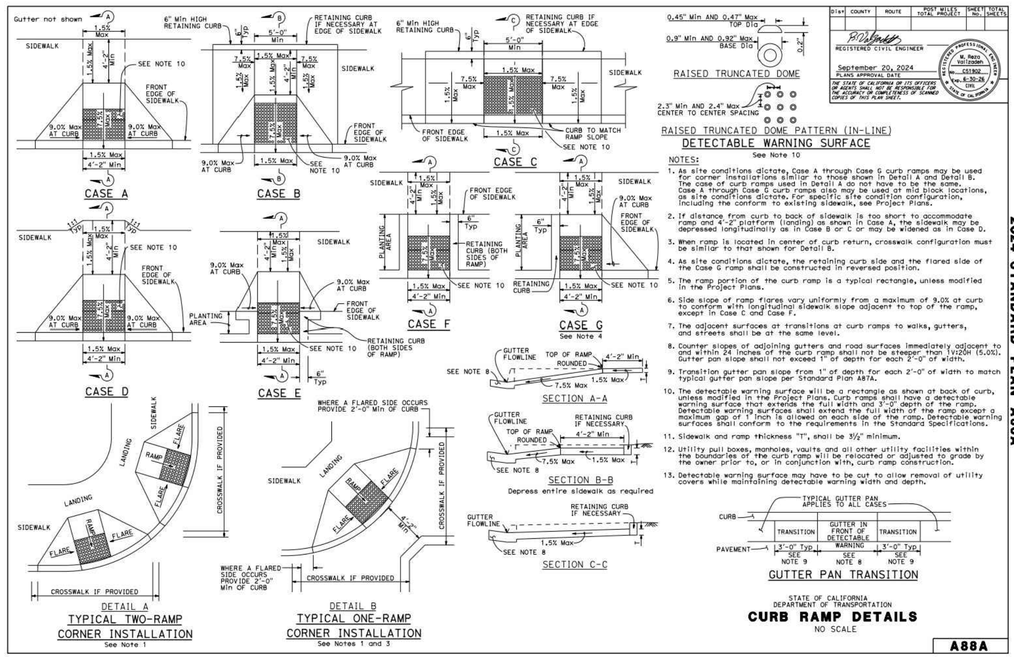

NOTES:

1. As site conditions dictate, Case A through Case G curb ramps may be used for corner installations similar to those shown in Detail A and Detail B. The case of curb ramps used in Detail A do not have to be the same. Case A through Case G curb ramps also may be used at mid block locations, as site conditions dictate. For specific site condition configuration, including the conform to existing sidewalk, see Project Plans.
2. If distance from curb to back of sidewalk is too short to accommodate ramp and 4'-2" platform (landing) as shown in Case A, the sidewalk may be depressed longitudinally as in Case B or C or may be widened as in Case D.
3. When ramp is located in center of curb return, crosswalk configuration must be similar to that shown for Detail B.
4. As site conditions dictate, the retaining curb side and the flared side of the Case G ramp shall be constructed in reversed position.
5. The ramp portion of the curb ramp is a typical rectangle, unless modified in the Project Plans.
6. Side slope of ramp flares vary uniformly from a maximum of 9.0% at curb to conform with longitudinal sidewalk slope adjacent to top of the ramp, except in Case C and Case F.
7. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.
8. Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of the curb ramp shall not be steeper than 1V:20H (5.0%). Gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.
9. Transition gutter pan slope from 1" of depth for each 2'-0" of width to match typical gutter pan slope per Standard Plan A87A.
10. The detectable warning surface will be a rectangle as shown at back of curb, unless modified in the Project Plans. Curb ramps shall have a detectable warning surface that extends the full width of the depth of the ramp. Detectable warning surface shall extend the full width of the ramp except a minimum gap of 6" is allowed on each side of the ramp. Detectable warning surfaces shall conform to the requirements in the Standard Specifications.
11. Sidewalk and ramp thickness "T", shall be 3½" minimum.
12. Utility pull boxes, manholes, vaults, and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
13. Detectable warning surface may have to be cut to allow removal of utility covers while maintaining detectable warning width and depth.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CURB RAMP DETAILS
NO SCALE

A88A

2024 STANDARD PLAN A88A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

REGISTERED CIVIL ENGINEER
M. Reza
No. 86731
Exp. 6-30-25
CIVIL
STATE OF CALIFORNIA
September 20, 2024
PLANS APPROVAL DATE
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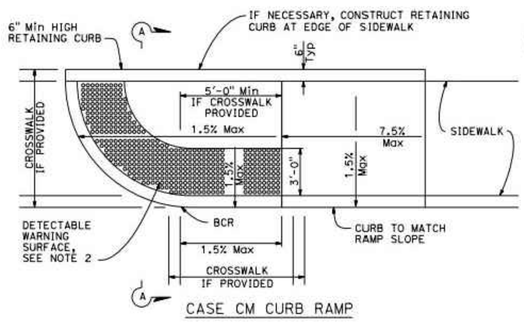
REGISTERED PROFESSIONAL ENGINEER JOSEPH ABUCAY No. 84731 CIVIL STATE OF CALIFORNIA

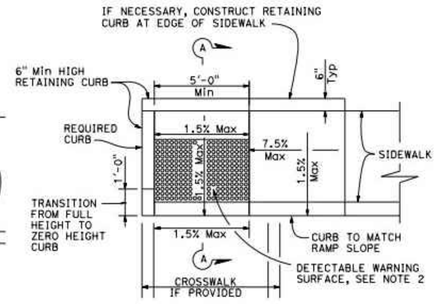
2024-2025 ANNUAL STREET RESURFACING PROJECT
CIVIL DETAILS
LOS ALTOS SANTA CLARA COUNTY CALIFORNIA

DWG NO. C5.3
41 OF 50
JOB NO. 250007

Gutter not shown



CASE CM CURB RAMP



CASE CH CURB RAMP

NOTES:

1. Sidewalk, ramp and passageway thickness "T", shall be 3½" minimum.
2. For details of detectable warning surfaces, see Standard Plan A88A.
3. Where an island passageway length is greater than or equal to 6'-0", but less than 8'-0", each detectable warning surface shall extend the full width and 2'-0" depth of the passageway length. Where an island passageway length is greater than or equal to 8'-0", each detectable warning surface shall extend the full width and 3'-0" depth of the passageway length. Detectable warning surfaces shall extend the full width of the island passageway except a maximum gap of 1 inch is allowed on each side of the passageway.
4. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.
5. Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
6. Detectable warning surface may have to be cut to allow removal of utility covers while maintaining detectable warning width and depth.
7. For additional curb ramp details, see Standard Plan A88A.
8. The detectable warning surface will be a rectangle as shown at the face of curb, unless modified in the Project Plans.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

M. Reza Valizadeh

September 20, 2024
PLANS APPROVAL DATE

No. C51902 Exp. 6-30-26 CIVIL

REGISTERED PROFESSIONAL ENGINEER * STATE OF CALIFORNIA

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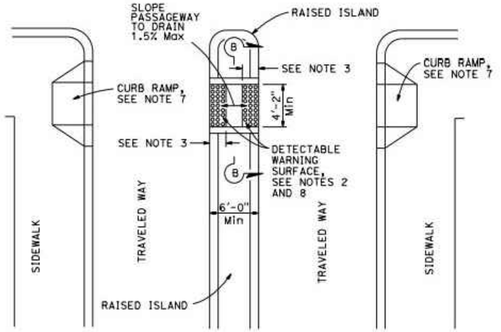
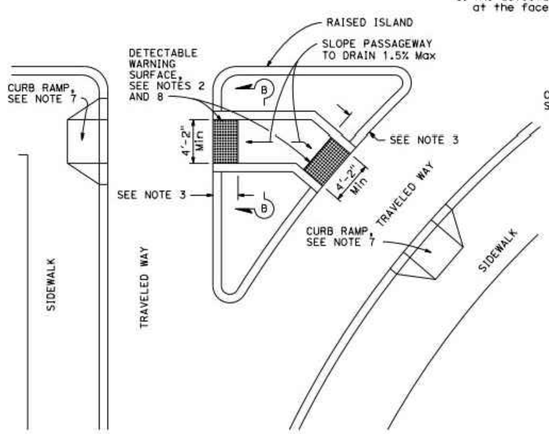
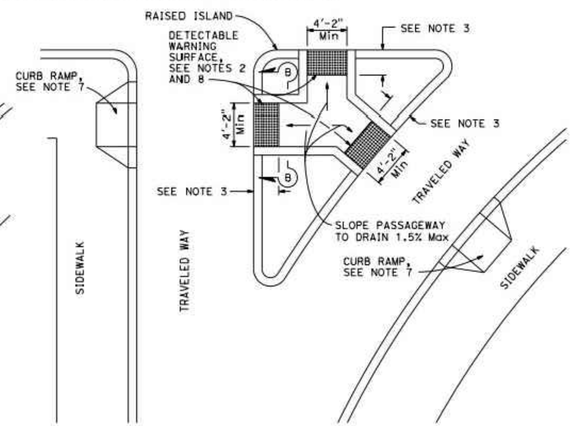


TYPE A PASSAGEWAY



TYPE B PASSAGEWAY



TYPE C PASSAGEWAY

SECTION A-A

SECTION B-B

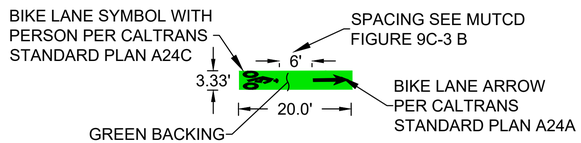
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CURB RAMP AND ISLAND PASSAGEWAY DETAILS

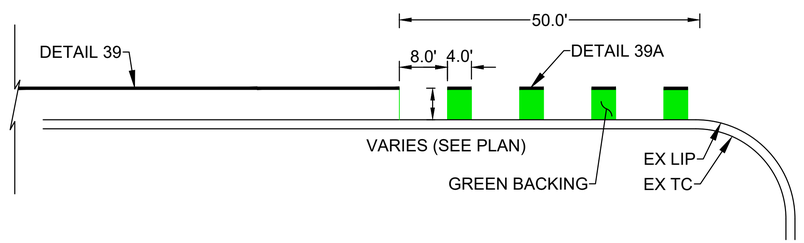
NO SCALE

A88B

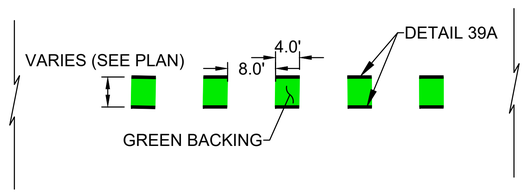
2024 STANDARD PLAN A88B



BIKE LANE SYMBOL WITH PERSON & ARROW IN GREEN BACK (A)
SCALE: NTS



GREEN DASHED BIKE LANE WITH RIGHT TURN (TYP) (B)
SCALE: NTS



GREEN DASHED BIKE LANE (TYP) (C)
SCALE: NTS

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2024-2025 ANNUAL STREET RESURFACING PROJECT

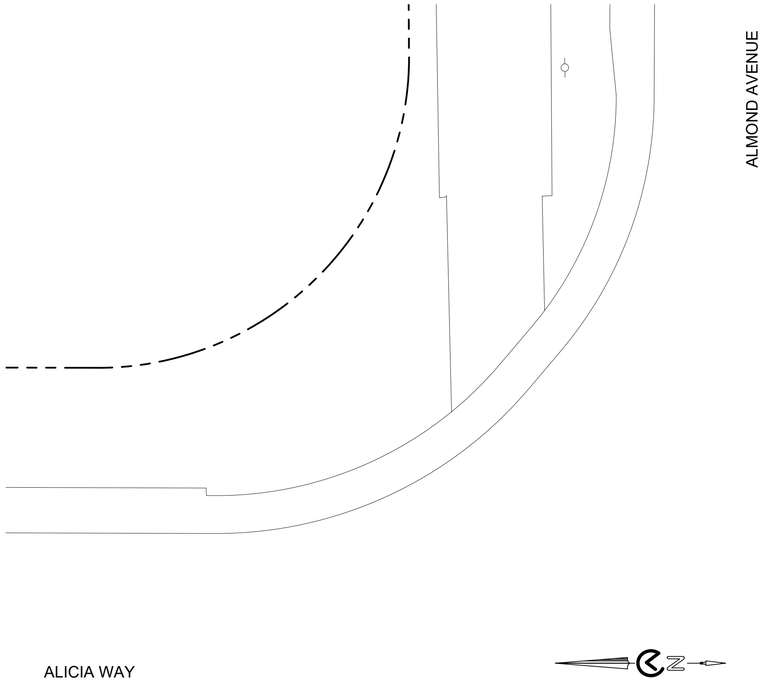
CIVIL DETAILS

SANTA CLARA COUNTY CALIFORNIA

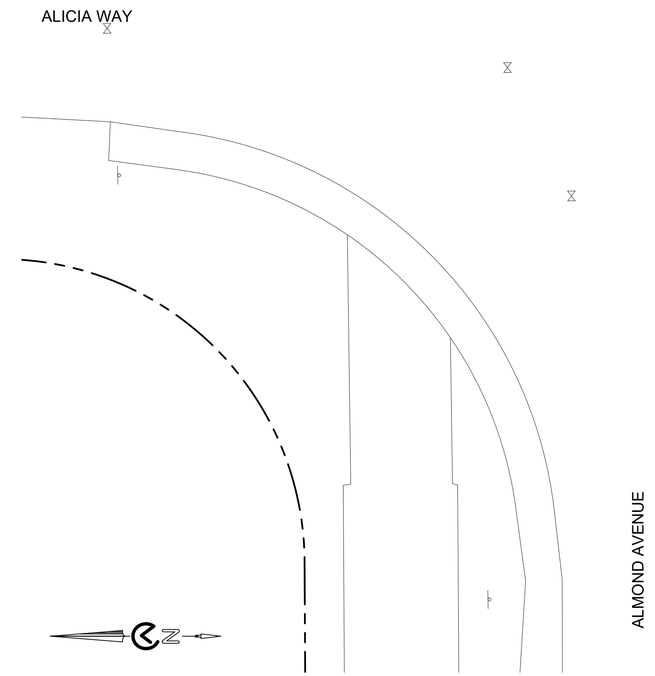
LOS ALTOS

DWG NO. C5.4
42 OF 50

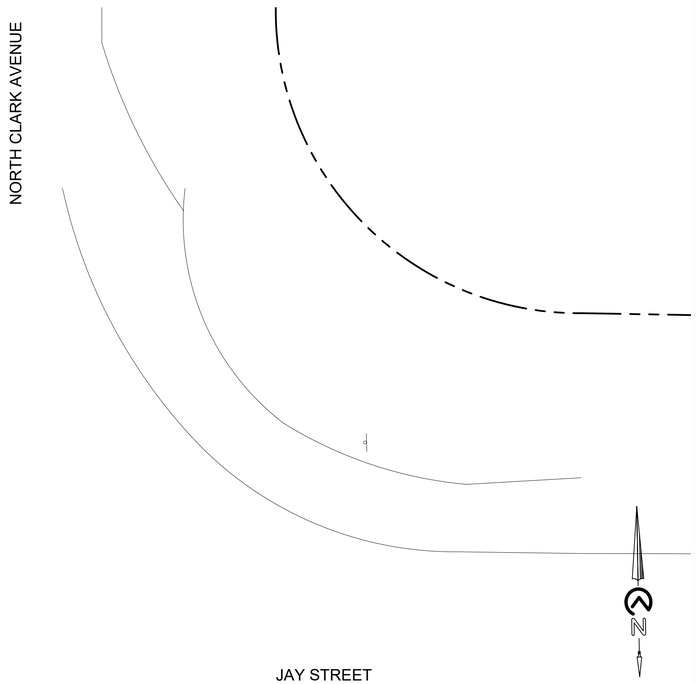
JOB NO. 250007



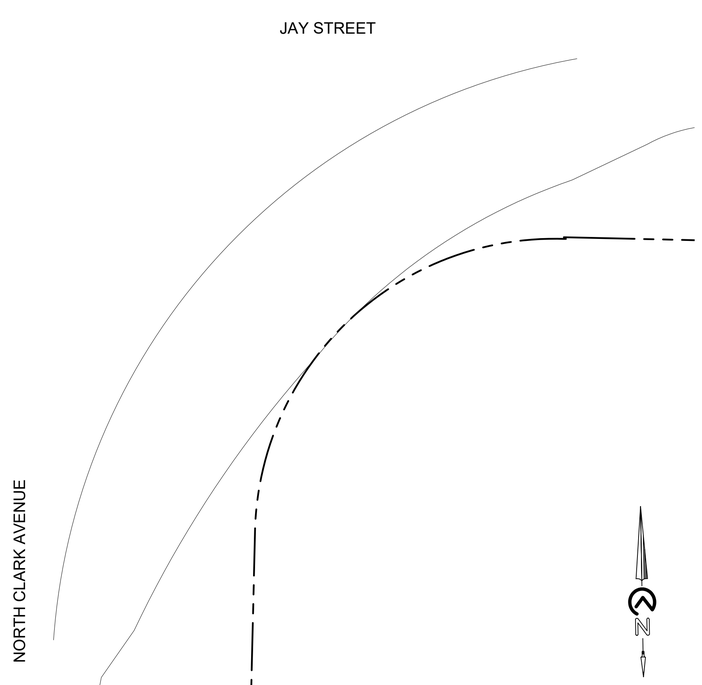
EAST CURB RAMP AT ALICIA WAY & ALMOND AVENUE — 1
SCALE: 1"=5'



WEST CURB RAMP AT ALICIA WAY & ALMOND AVENUE — 2
SCALE: 1"=5'



NORTHEAST CURB RAMP AT JAY STREET & NORTH CLARK AVENUE — 4
SCALE: 1"=5'



SOUTHEAST CURB RAMP AT JAY STREET & NORTH CLARK AVENUE — 5
SCALE: 1"=5'

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GENERAL RAMP NOTES:

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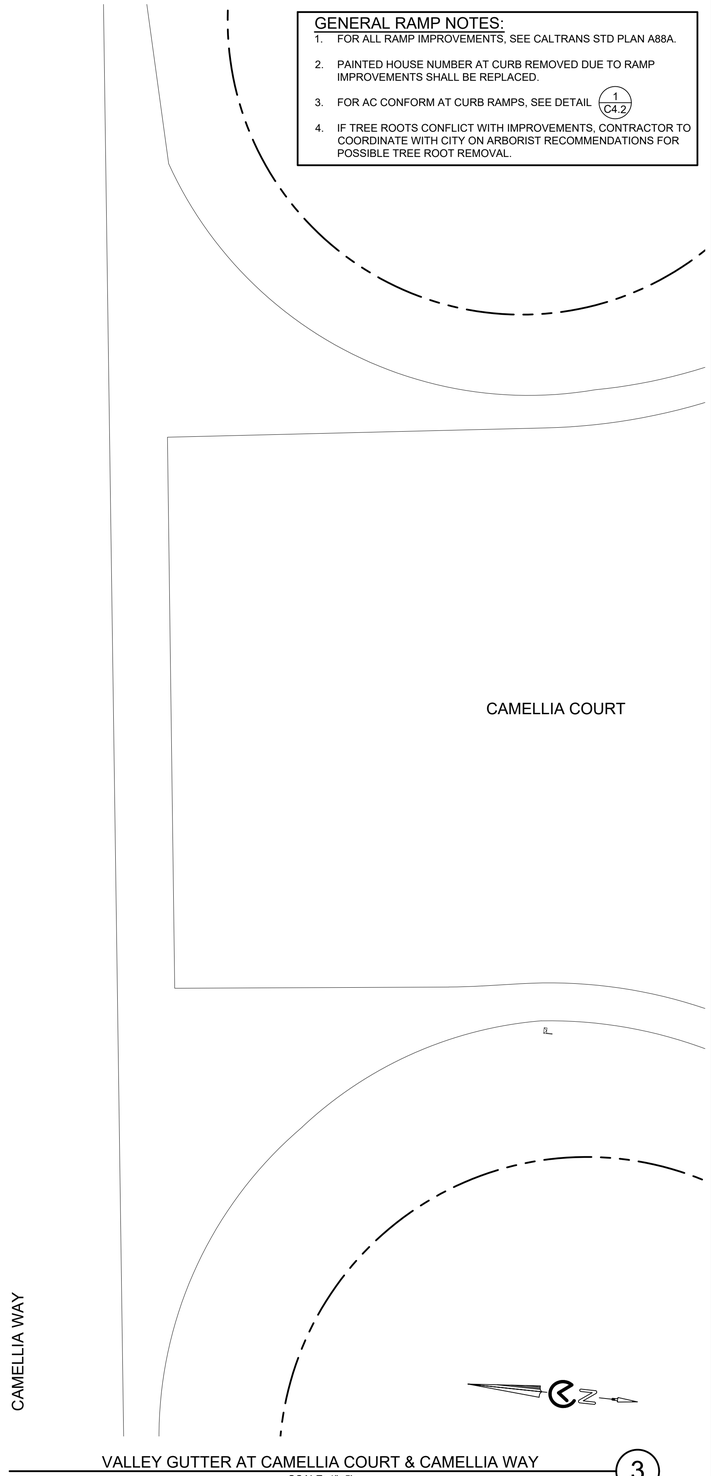
2. PAINTED HOUSE NUMBER AT CURB REMOVED DUE TO RAMP IMPROVEMENTS SHALL BE REPLACED.
3. FOR AC CONFORM AT CURB RAMPS, SEE DETAIL 1/C4.2
4. IF TREE ROOTS CONFLICT WITH IMPROVEMENTS, CONTRACTOR TO COORDINATE WITH CITY ON ARBORIST RECOMMENDATIONS FOR POSSIBLE TREE ROOT REMOVAL.



VALLEY GUTTER AT CAMELLIA COURT & CAMELLIA WAY — 3
SCALE: 1"=5'

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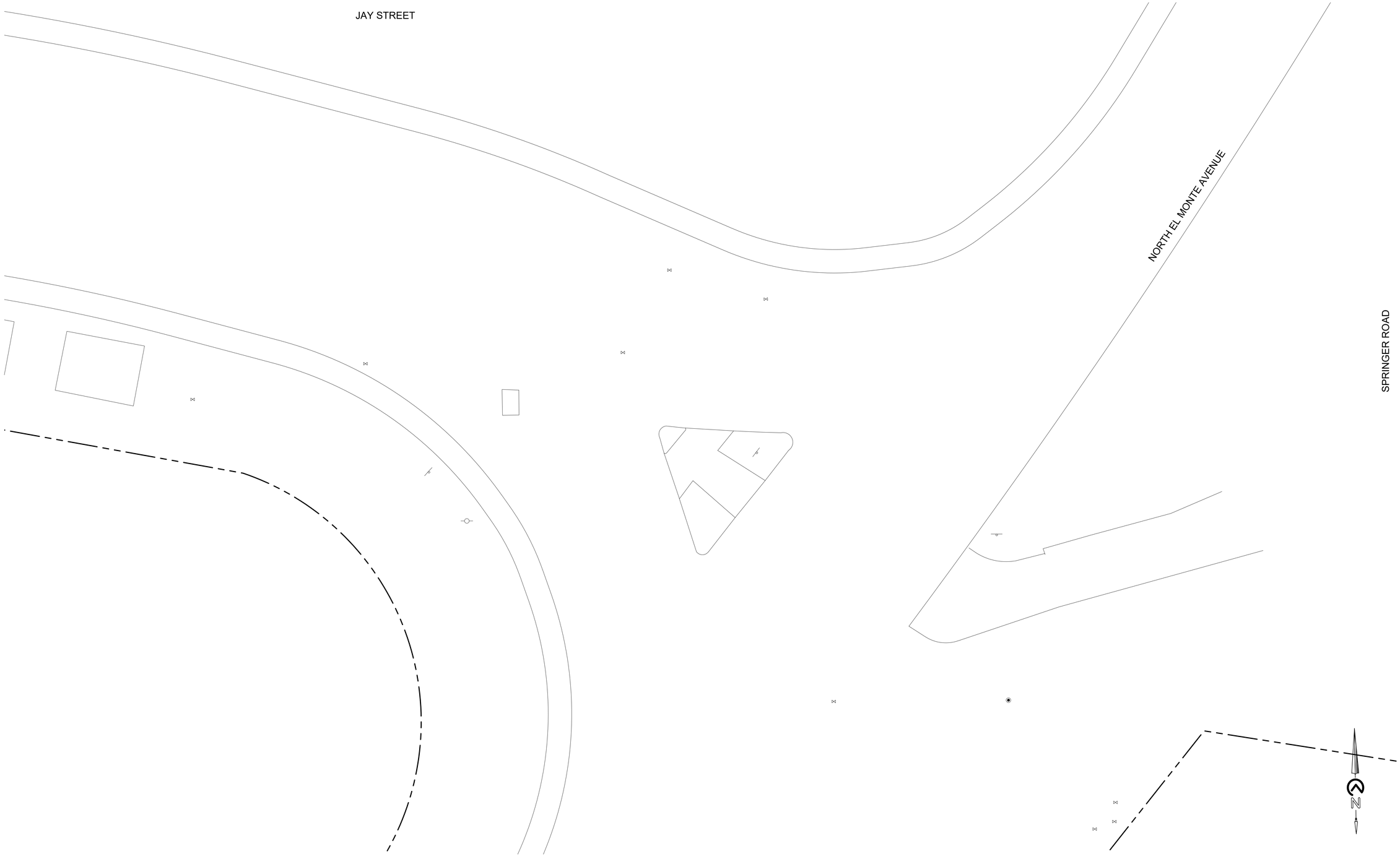
DWG NO. C5.5
43 OF 50
JOB NO. 250007



CURB RAMPS AT JAY STREET & NORTH EL MONTE AVENUE (1)
SCALE: 1"=5'

GENERAL RAMP NOTES:

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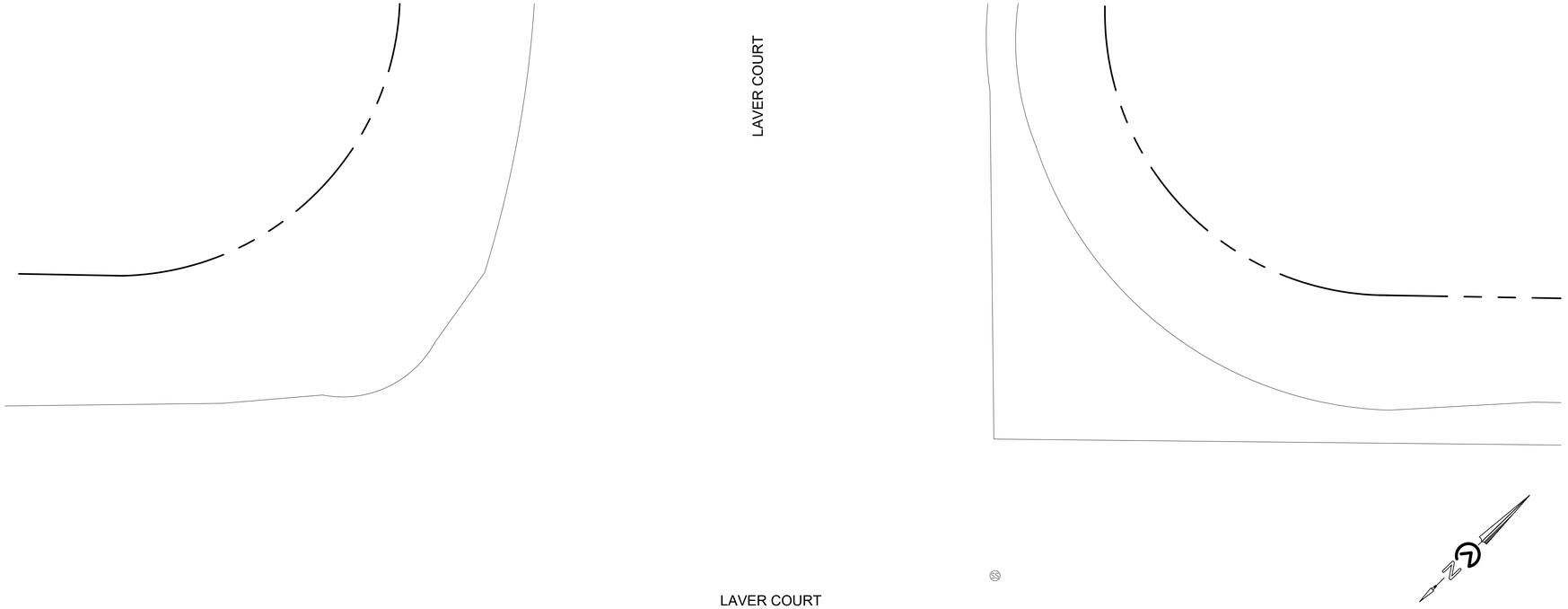
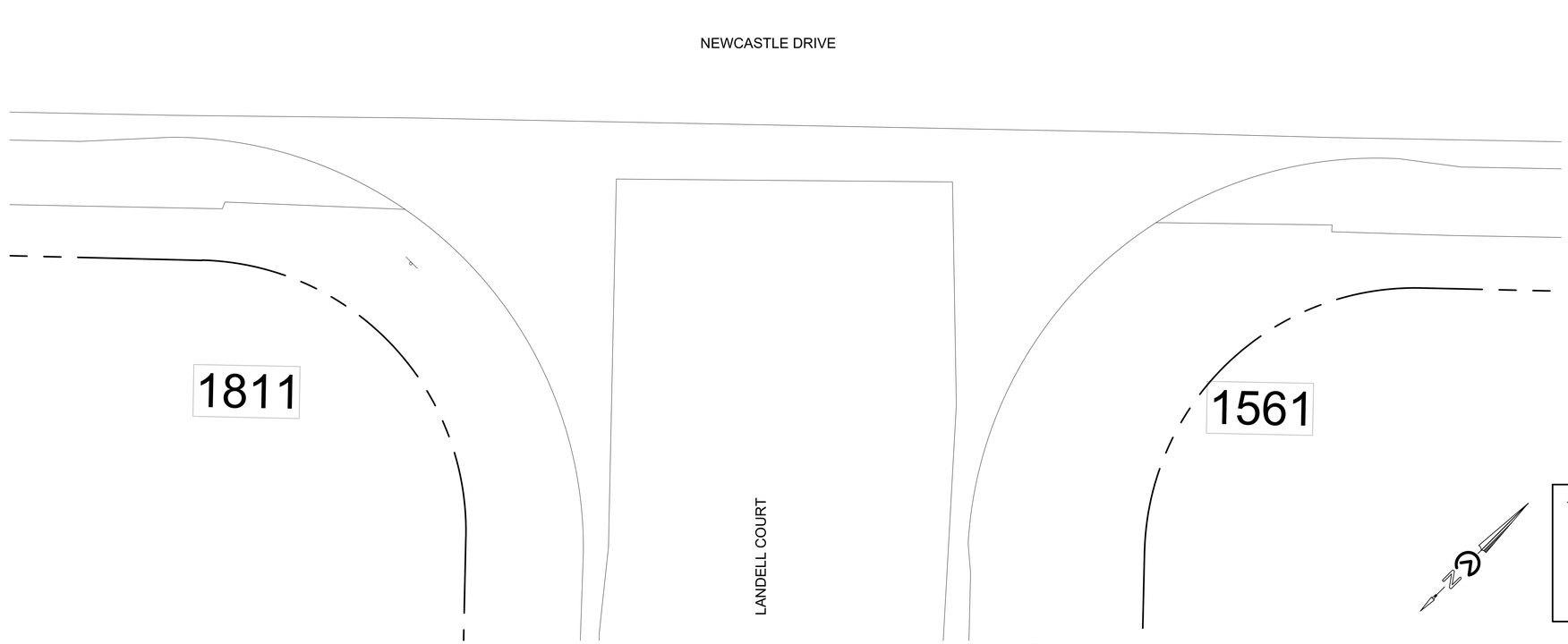


VALLEY GUTTER AT LAVER COURT
SCALE: 1"=5'

1



CURB RAMPS AT NEWCASTLE DRIVE & LANDELL COURT
SCALE: 1"=5'

2

GENERAL RAMP NOTES:

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45 OF 50

JOB NO. 250007

GENERAL RAMP NOTES:

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LOMA PRIETA COURT

1010

1018

N

CURB AND GUTTER AT LOMA PRIETA COURT (1)
SCALE: 1"=5'

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NEWCASTLE DRIVE

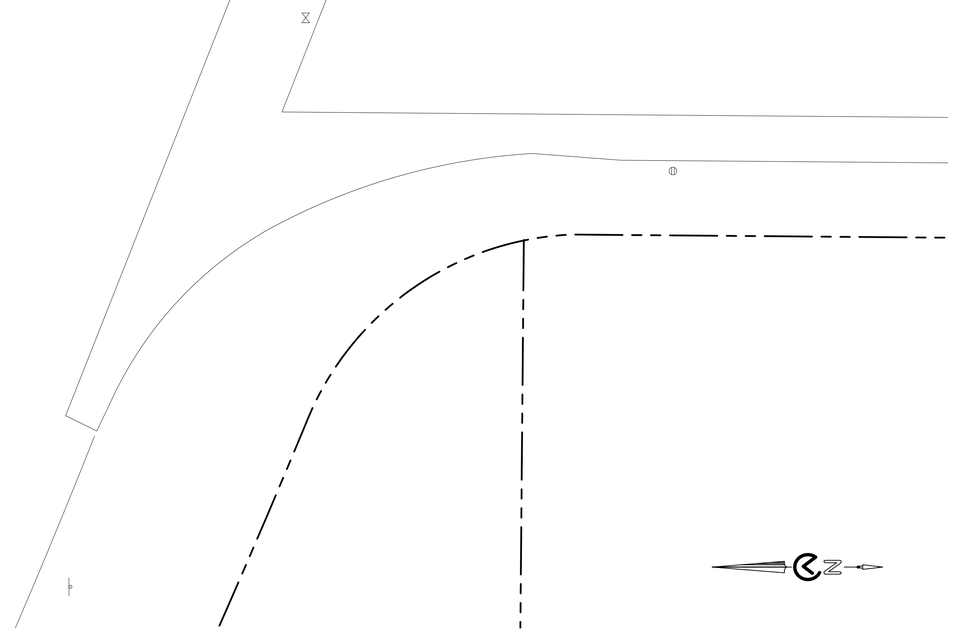
MORTON AVENUE

1785

SOUTH CURB RAMP AT NEWCASTLE DRIVE & MORTON AVENUE (1)
SCALE: 1"=5'

CUESTA DRIVE

SHELBY LANE



CURB RAMPS AT SHELBY LANE & CUESTA DRIVE (2)
SCALE: 1"=5'

GENERAL RAMP NOTES:

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47 OF 50

JOB NO. 250007

GENERAL RAMP NOTES:

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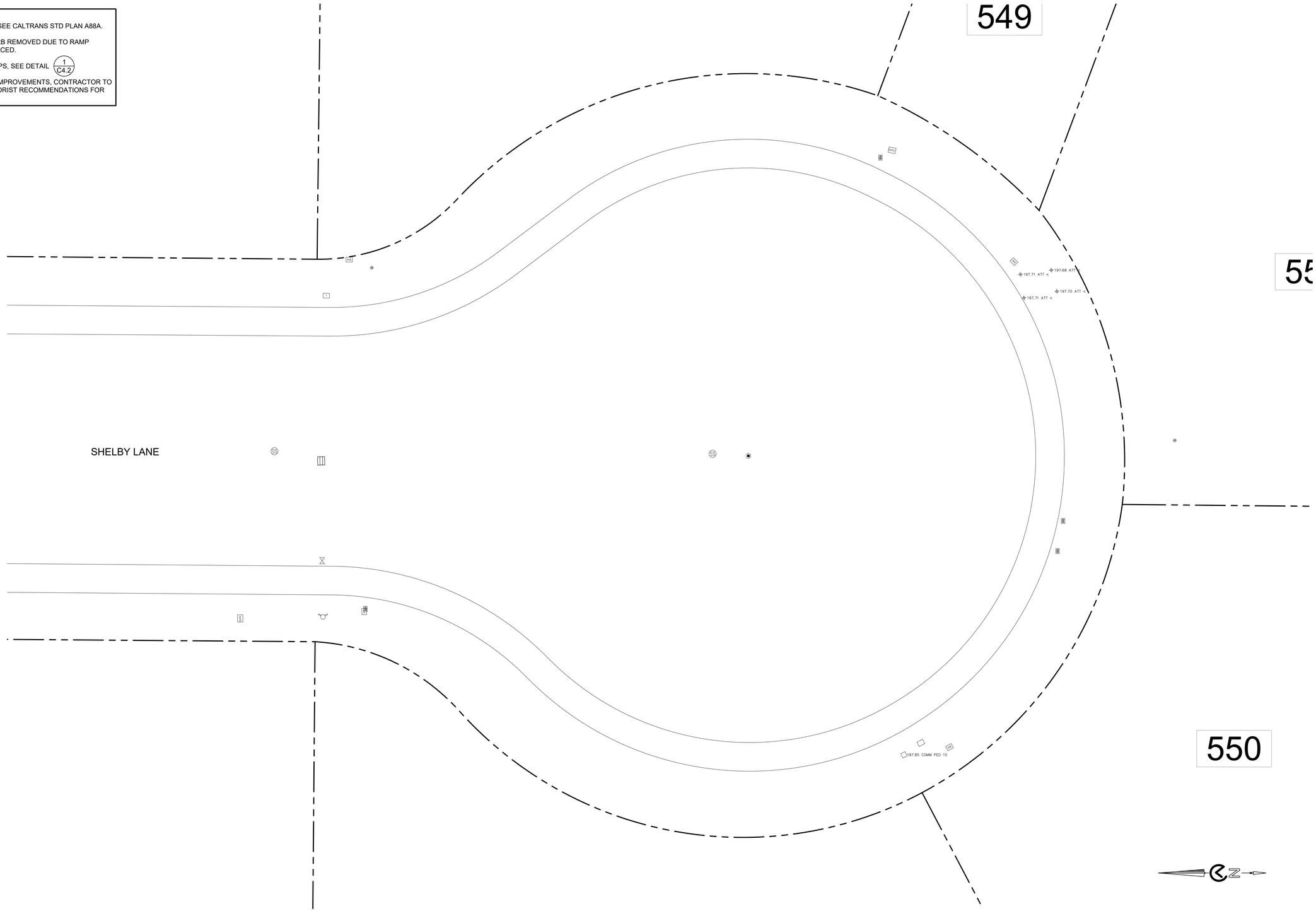

CURB AND GUTTER AT SHELBY LANE (1)
SCALE: 1"=5'

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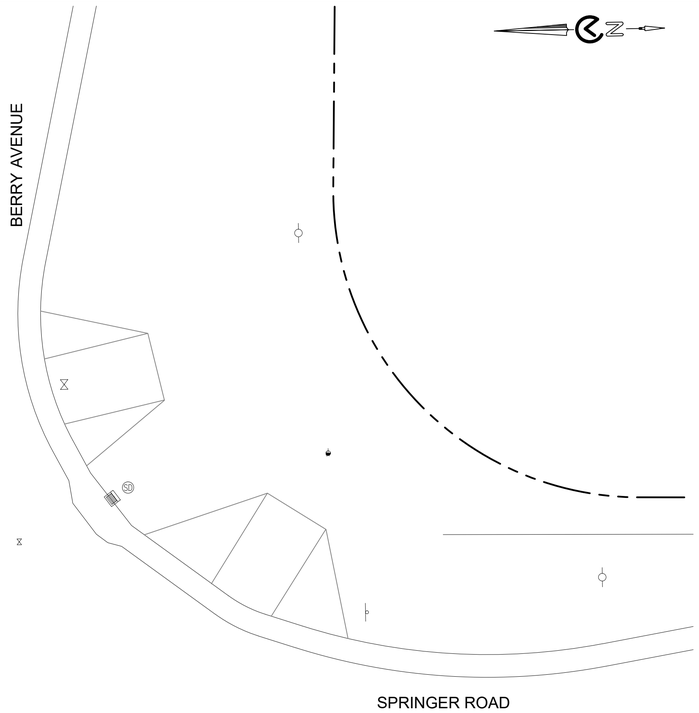
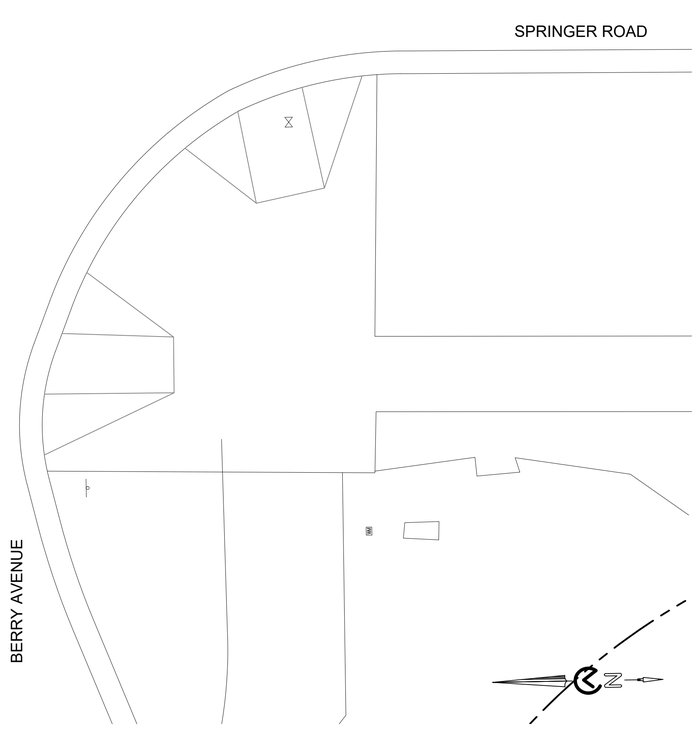
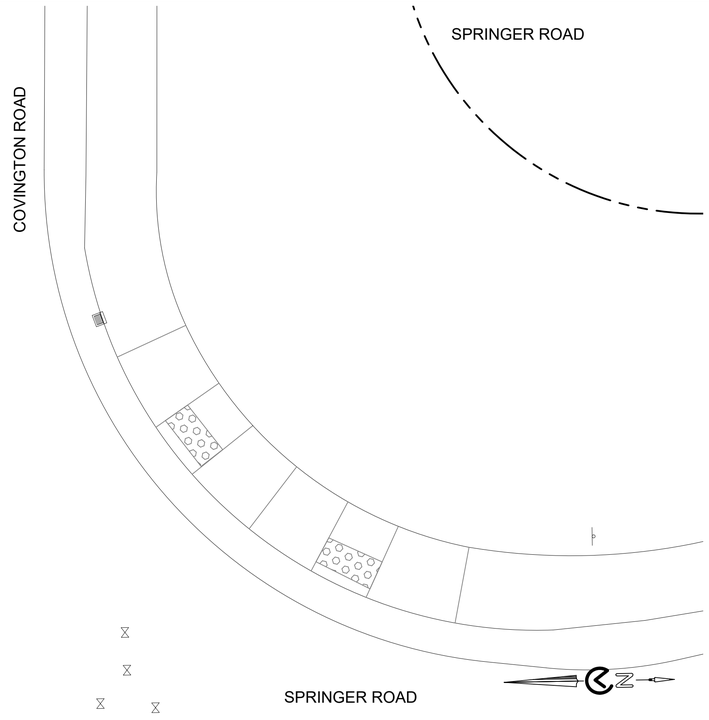
JOB NO. 250007



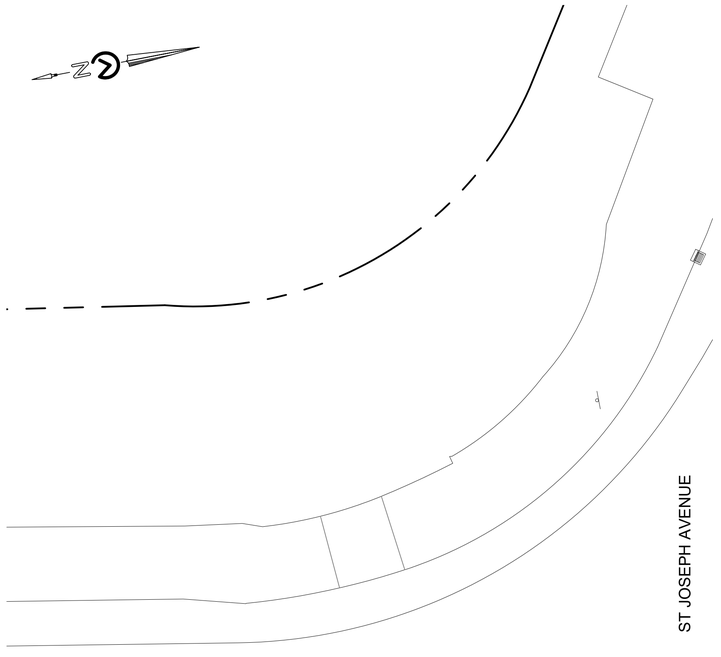
SOUTHEAST CURB RAMPS AT SPRINGER ROAD & BERRY AVENUE (1)
SCALE: 1"=5'



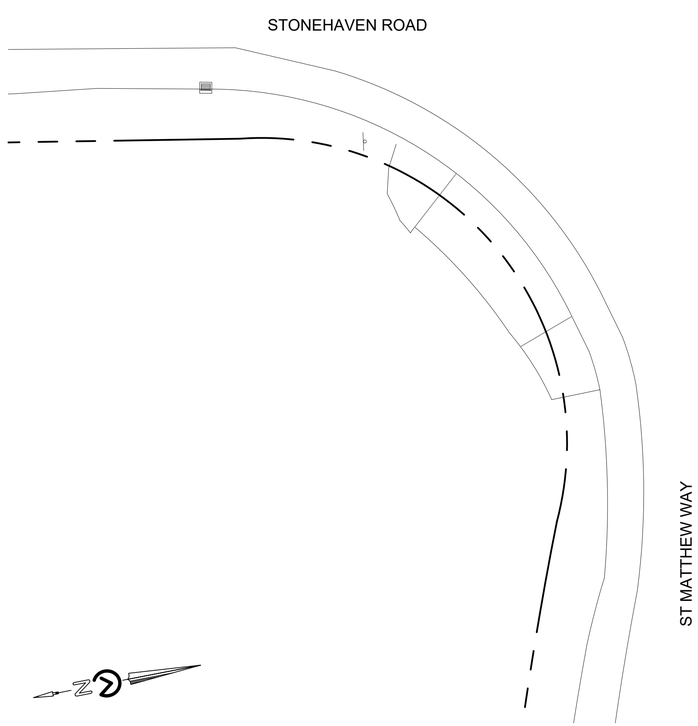
SOUTHWEST CURB RAMPS AT SPRINGER ROAD & BERRY AVENUE (2)
SCALE: 1"=5'



SOUTHEAST CURB RAMPS AT SPRINGER ROAD & COVINGTON ROAD (3)
SCALE: 1"=5'



SOUTHWEST CURB RAMP AT STONEHAVEN ROAD & ST JOSEPH AVENUE (4)
SCALE: 1"=5'



SOUTHEAST CURB RAMP AT STONEHAVEN ROAD & ST MATTHEW WAY (5)
SCALE: 1"=5'

GENERAL RAMP NOTES:

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CIVIL DETAILS

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DWG NO. C5.11 49 OF 50

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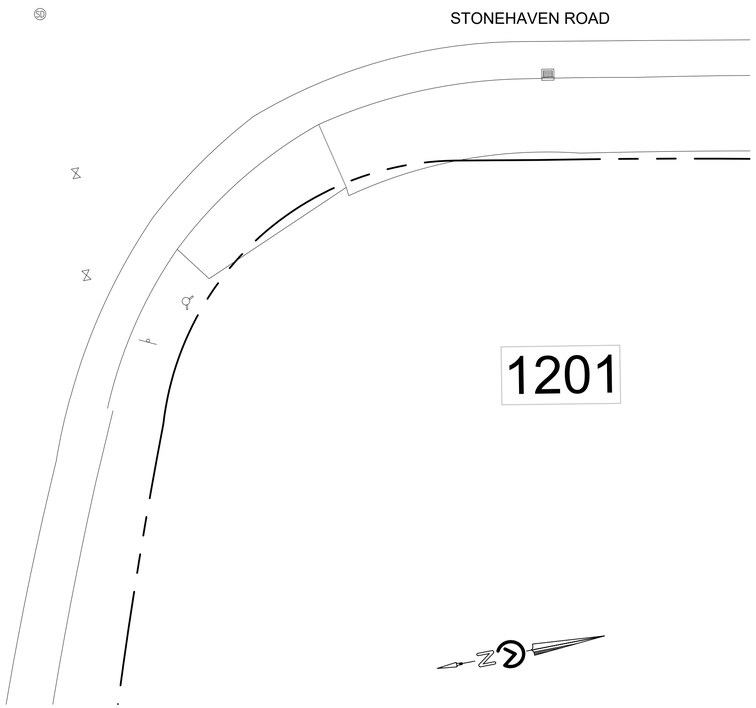
STONEHAVEN ROAD

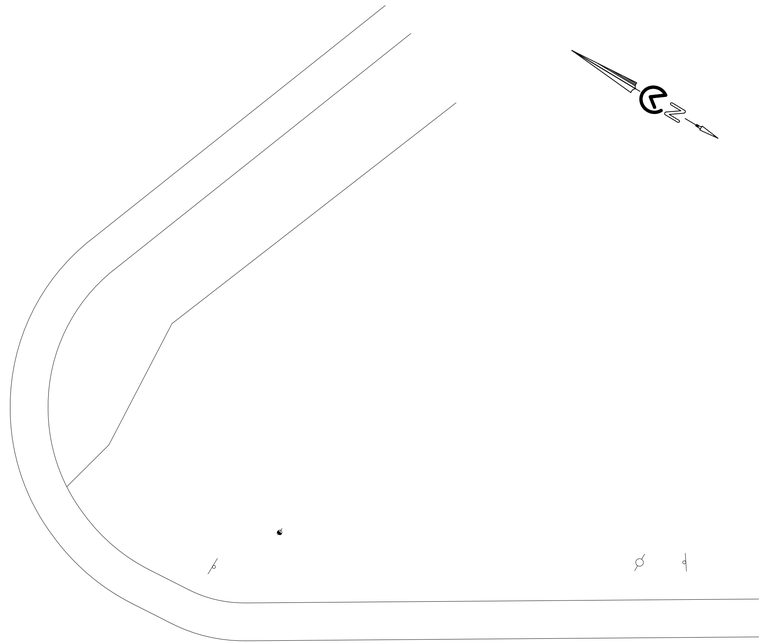
ST MATTHEW WAY

1201



NORTHEAST CURB RAMP AT STONEHAVEN ROAD & ST MATTHEW WAY (1)
SCALE: 1"=5'

WEST EDITH AVENUE

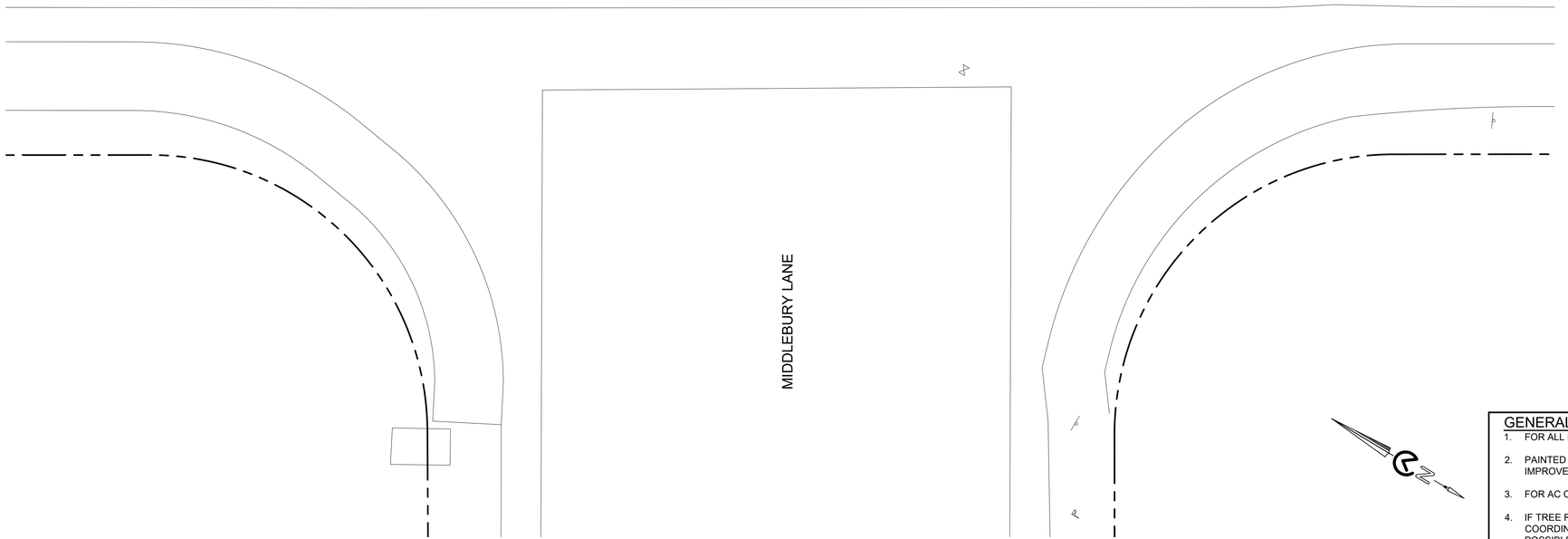


UNIVERSITY AVENUE

SOUTHEAST CURB RAMP AT UNIVERSITY AVENUE & WEST EDITH AVENUE (2)
SCALE: 1"=5'

UNIVERSITY AVENUE

MIDDLEBURY LANE



CURB RAMPS AT UNIVERSITY AVENUE & MIDDLEBURY LANE (3)
SCALE: 1"=5'

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