



AGENDA

TRAFFIC AND PEDESTRIAN SAFETY COMMITTEE (TAPS)

September 13, 2023

6:00 P.M. Virtual Via Zoom and In-person at City Council Chambers

SUBMIT PUBLIC COMMENTS TO CITY ENGINEER BEFORE OR DURING THE MEETING VIA EMAIL

smishra@ci.pinole.ca.us

Comments received before the close of the public comment period for that item will be read into the record and limited to 3 minutes. Please include your full name, city of residence and agenda item you are commenting on. Any comments received after the close of the public comment period will be distributed to Council and relevant staff after the meeting and filed with the agenda packet.

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join. <https://us02web.zoom.us/j/85670839226>

Or One tap mobile:

+16699006833,,85670839226# US (San Jose)

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Webinar ID: 856 7083 9226

International numbers available: <https://us02web.zoom.us/j/knUrci00B>

WAYS TO WATCH THE MEETING

LIVE ON CHANNEL 26. The Community TV Channel 26 schedule is published on the city's website at www.ci.pinole.ca.us.

VIDEO-STREAMED LIVE ON THE CITY'S WEBSITE, www.ci.pinole.ca.us. Will remain archived on the site for five (5) years.

1.	Call to order - Pledge of Allegiance
2.	Roll Call
3.	Approval of Minutes from the August 9, 2023 Meeting
4.	Committee Member Reports
5.	Citizens to be heard – For items not on agenda
6.	Traffic and Pedestrian Safety Issues submitted by Citizens 1. Speed Bump request on Tennent Ave near Fernandez Park

7.	Staff Updates: <ul style="list-style-type: none"> • CIP projects • Development Projects • Active Transportation Plan • Grants
8.	Contacts for reporting Traffic and Pedestrian Safety Issues <i>TAPS Committee Contacts</i> Ben Doyle bdoyle@ci.pinole.ca.us Faith Dunham-Sims fdsims@ci.pinole.ca.us Kent Moriarty kmoriarty@ci.pinole.ca.us Oliver Collins ocollins@ci.pinole.ca.us <i>City of Pinole Public Works Contact</i> publicworks@ci.pinole.ca.us The Traffic Calming Policy can be found on the City of Pinole's website here: https://www.ci.pinole.ca.us/city_government/public_works/streets_and_roads/traffic_calming_policy
9.	Future Agenda Items: Committee Member requests
10.	Adjourn to next meeting: October 11, 2023

POSTED: September 8, 2023

TRAFFIC AND PEDESTRIAN SAFETY COMMITTEE (TAPS)
MEETING MINUTES
August 9, 2023

1. Call to Order and Pledge of Allegiance

The Committee Meeting was held via a Zoom video conference and broadcast from the Pinole Council Chambers, 2131 Pear Street, Pinole, California. Committee Member Dunham-Sims chaired the meeting and called the Committee Meeting to order at 6:01 PM and led the Pledge of Allegiance.

2. Roll Call and Statement of Conflict

Committee Members Present

Oliver Collins
Ben Doyle
Faith Dunham-Sims
Kent Moriarty

Committee Members Absent

None

Staff Present

Sanjay Mishra, Public Works Director

3. Approval of Minutes from July 12, 2023

Chair Dunham-Sims made a motion to approve the minutes; seconded by Member Collins; all approved minutes.

4. Committee Member Reports

Member Moriarty: Is a member of the Contra Costa Transportation Authority Citizen Advisory Committee. City of San Ramon gave presentation, mentioning their Residential Traffic Calming Handbook.

Chair Dunham-Sims: When TAPS was first begun, a handbook was established around 2008 for safety traffic measures, including traffic calming.

Director Mishra: The City of Pinole Traffic Calming Measure was adopted in 2018 and can be found on the website. Note: This was corrected by Mr. Mishra later: The traffic calming measure that was referred to was adopted in 2008.

Member Collins: Reminds everyone in the community that school is starting on August 15, and to be mindful and drive safely.

Member Doyle: Requests the link and Traffic Calming Policy to be sent.

[Note #1: The Traffic Calming Policy can be found on the City of Pinole's website here:
https://www.ci.pinole.ca.us/city_government/public_works/streets_and_roads/traffic_cal

[ming_policy](#)

Note #2: The 2008 Traffic Calming Policy has been sent to all TAPS Committee Members on August 31, 2023]

Member Doyle: Sidewalks on 4th Ave closest to San Pablo Ave are discontinuous. Where they do exist, they are impassible, making pedestrians walking out into the street. There are many children on that street and a bar as well.

5. Citizens to be heard – for items not on the Agenda

Resident Andrew Uch: Are there plans to build bike paths and is there an active transportation plan (ATP)?

Member Moriarty: The City is currently developing an ATP, incl. a bike and pedestrian plan.

Director Mishra: The City has hired a consultant to complete the ATP. The previous TAPS meeting video provides the updated information.

Resident Anthony (via Zoom): 1) Improvements on street markings on Sarah Dr – follow up sign-off done by Public Works? Currently the speed bump markings are inadequate; no crosswalk work was done either. 2) Streetlight outages up and down Pinole Valley Rd, Adobe Rd, and adjacent walkway at BBQ grove. 3) Trees and bushes need to be trimmed back at street signs throughout the city. 4) Crossover bridge at Appian Way has big aluminum structure, is eyesore and safety hazard.

6. Traffic and Pedestrian Safety Issues

Director Mishra: Email received from resident last week that drivers don't stop at the stop sign on Doidge and Victor intersection. Resident requests speed bumps. As per the traffic calming policy, for requesting speed bumps there has to be consensus among neighbors and a 65% signatory request. Then it would go through a review process and Council approval. Director Mishra has not reviewed the location himself and will look for possible other solutions as part of development and maintenance.

Member Collins: Recommends for the email to be sent the Police Department, enforcement might have an impact, i.e.. stationing a radar sign or police vehicle.

Member Moriarty: Looking at that location, there are not stop signs at all intersections. How to determine when/where to place a stop sign and when not?

Director Mishra: Reasons for placing stop signs are traffic volume and visibility. Similar issues are on Wright Ave, where people do not stop at the stop signs. Improvements are being made at Wright and Carrol, as shown in presentation under #3.

Member Moriarty: The issue is not just the not stopping, but also the speeding.

Chair Dunham-Sims: Is Director Mishra able to go to the location and review?

Director Mishra: Yes, this will be done. Will be added to the traffic issues list with updates

provided.

#9: City crew continues striping at various locations, incl. Pinole Valley Rd. Completed striping on Shea Dr and Hoke Dr. A public comment mentioned that striping is not up to standard, will review these locations. Striping follows the municipal code.

#19: Was added in response to the email from resident.

Member Collins: #6 seems to be marked in accordance with the MUTC Guidelines, it is a CalTrans intersection and recommends to take it off the list.

Member Doyle: What is the process re. speed bumps as there are now 2 on the list?

Director Mishra: According to the Traffic Calming Policy, 65% of neighbors have to be in agreement with speed bumps. The question is, 65% of how many neighbors of a street? This will be looked into and clarified. It is up to the residents to collect the signatures, after which it has to go to Council.

Member Collins: #10 looks similar to #6 and a CalTrans issue. Recommends for this item to also be removed.

Director Mishra: #6 and #10 can be removed, however, the City has some input in scheduling and planning the projects with CalTrans. The Committee can vote on that.

Member Doyle: A separate line item for CalTrans issues would be preferable.

7. Staff Updates

CIP Projects

Staff Mishra:

The Appian Way & Marlesta Rd. intersection project is still waiting for the delivery of the poles, the projected time was for end of August. Update will be given in September.

The Pinole Valley Road Improvements project is ongoing. Project cost has increased considerably. Public Works had a meeting with Ellerhorst Elementary School. If parking and bike lane are kept, Public Works has to go beyond the existing roadway width. This would then include significant work with bio swells, retaining walls, etc. The current FY budget is not sufficient, so the project will be split into Phase I and Phase II. The phases will be divided into road sections.

Public Comments

Rafael Menis: The Appian Way/Marlesta project is postponed?

Director Mishra: The contractor has been unable so far to procure the traffic light poles. This delays the project.

Resident Anthony: 1) Not advisable to take the 2 items off the list that involve CalTrans, as the City could apply some pressure to get these issues finished. 2) Widened onramp access on Pinole Valley Rd after Jack in the Box. 3) Striping on left turns under overpass going onto 80W can be improved with the timing of the lights, and also going straight via Sprouts and Kaiser. Place double arrow. 4) Double standard in committee: people who call in get cut off and receive no responses.

Member Doyle: All committee members are residents themselves and volunteers and trying to help the City and its residents address traffic issues. If you find you receive more input and

response in other ways, you may always write a letter or email which will be placed on the agenda and if appropriate, on the traffic issues list.

Development Projects

Director Mishra: Only one project currently under review by the Planning Department, which is 2550 Appian Way. For review and comments, please follow the link in the agenda packet.

Member Collins: The Vista Woods building project on San Pablo Ave has construction workers jaywalking across the road. Would recommend to email to the foreman to try and use the sidewalks and crosswalks for everyone's safety.

Member Doyle: That 3-block stretch has only one crosswalk, and with more residents moving in, we might need to look into establishing more crosswalks.

Member Moriarty: As part of the planning process, this issue might have been addressed already.

Director Mishra: Will verify.

Active Transportation Plan

Director Mishra: No further updates. Once consultant completes the reports, a public meeting will be planned and advertised for.

Grants

Director Mishra: No updates.

8. Future Agenda Items

Member Doyle: The sidewalks on 4th St between Marlesta and San Pablo; seconded by Member Collins; approved by all.

Member Moriarty: Would the committee review and make recommendations to Council re. the two speed bump requests?

Director Mishra: Yes; review will be done by himself and can be done by all members. The Traffic Calming Policy states that after signatures have been collected, they would go to Council right away.

Chair Dunham-Sims: In the past, the speed bump process also involved the Police Department, placing the stealth monitor out, looking at statistics.

Director Mishra: That is correct, in the past Police and Fire have been involved. Fire does not favor speed bumps, so an approval sometimes is necessary.

9. Adjournment to the next meeting on September 13, 2023

Chair Dunham-Sims adjourned the meeting of the Traffic and Pedestrian Safety Committee Meeting on August 9, 2023.

From: [Oddae Alghazali](#)
To: [.Public Works](#)
Subject: Speed bump request
Date: Thursday, August 17, 2023 12:47:50 AM

*** EXTERNAL MESSAGE ***

Hello, neighbors around Fernandez park all supported the idea from a poll survey presented on Nextdoor app, that the city should put speed bumps along Tennent Ave in front of Fernandez park to stop speeding vehicles.

I have lived in the neighborhood for the past 10 years & have noticed loud vehicles speeding along Tennent ave starting from the stop sign at park st until they reach under the railroad bridge.

It causes indoor pets to freak out & is dangerous to any pedestrians that may cross the street. A speed bump would really make a difference there.

Please let me know who we need to speak to have this approved.

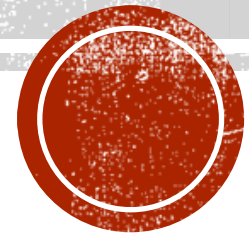
Best regards,
Oddae Alghazali

Sent from my iPhone

TRAFFIC AND PEDESTRIAN SAFETY (TAPS) COMMITTEE

Date : September 13, 2023

TIME : 6:00 PM



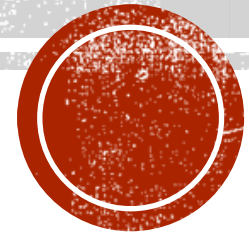
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Item #1

PLEDGE OF ALLEGIANCE

I pledge allegiance to the
flag of the United States of
America, and to the
Republic for which it
stands, one Nation under
God, indivisible, with
liberty and justice for all.



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Item #2

ROLL CALL

COMMITTEE MEMBERS

- ☐ Ben Doyle
- ☐ Faith Dunham – Sims
- ☐ Kent Moriarty
- ☐ Oliver Collins

STAFF

- ☐ Sanjay Mishra



Item #3

APPROVAL OF MINUTES: AUGUST 9, 2023, TAPS MEETING OF MINUTES

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Item #4

COMMITTEE MEMBER REPORTS

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Item #5

CITIZENS TO BE HEARD

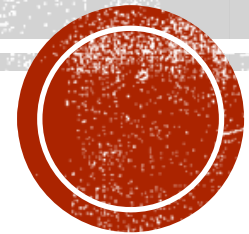
- For Items not on the Agenda
- Please limit your comments to 3 mins.



Item #6

TRAFFIC AND PEDESTRIAN SAFETY ISSUES

Submitted by Citizens



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Item #6

SPEEDING — REQUEST TO ADD SPEED BUMPS ON TENNENT AVE. NEAR FERNANDEZ PARK



Item #6

LIST OF TRAFFIC ISSUES DISCUSSED AND STATUS

Sl.N o.	Issue	Discussed	Resolution	Comments
1	Pinole Valley Road Speeding Concern	Yes	Not identified	Engineering study required.
2	Pinole Valley Road and Rafaela St- Red Curb near church	Yes	Yes	City to discuss with Church and finalize action plan to complete red curb for 2 spots. DONE !!
3	Wright Ave and Carrol Ave -Vehicles do not stop at STOP sign	Yes	Yes	City in the process of procuring and installing two solar powered LED blinking STOP signs for this intersection as a pilot project.
4	Wright Ave and Doidge Ave -Vehicles do not stop at STOP sign	Yes	Not identified	City will monitor the effectiveness of the above installation and may program this intersection for future.
5	Nob Hill Ave (from Appian Way to Meadow Park) – Speeding	Yes	Not identified	City to investigate further for appropriate deterrent measures i.e. enforcement/speed bump/high visibility crosswalk etc.



Item #6

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LIST OF TRAFFIC ISSUES DISCUSSED AND STATUS

Sl. No.	Issue	Discussed	Resolution	Comments
6	Width of Pinole Valley Rd between Helena Ct and Shea Dr. Explore possibility of a Class II bike Lane.	Yes	Not identified	City is currently designing a project along PVR and will explore various options.
7	Faded striping all over the City.	Yes	Yes	City does periodic maintenance and refreshes striping based on inputs from public. CONTINUOUS!!
8	Crosswalk at Tennent and Plum / Pear St.	Yes	Yes	Work is currently in progress. RRFB installed and functional at Plum St. intersection.
9	Trip hazard at Creekside Pedestrian Bridge	Yes	Yes	A temporary asphalt patch have been put in place until a permanent paving can be done.



Item #6

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LIST OF TRAFFIC ISSUES DISCUSSED AND STATUS

Sl. No.	Issue	Discussed	Resolution	Comments
10	Access ramp to Creekside from Sarah ct.	Yes	Yes	Working on a bid package for few ADA ramps around the City.
11	Protected left turn at Appian Way and San Pablo Ave.	Yes	Yes	City to complete an assessment at this intersection for a new traffic signal head and timing. A proposal will be requested from contractor for installation.
12	Crosswalk visibility on Pinole Valley Road at Savage Ave	Yes	Yes	A CIP project is proposed for FY 2023-24 to complete this work.
13	Enhance crosswalk visibility at San Pablo Ave and 3 rd St.	Yes	Yes	- Same as above-
14	Enhance crosswalk visibility at San Pablo and Quinan St.	Yes	Yes	- Same as above-



LIST OF TRAFFIC ISSUES DISCUSSED AND STATUS

Sl. No.	Issue	Discussed	Resolution	Comments
15	Traffic Issues at McDonald drive	Yes	No	Speed bumps are requested by residents.
16	Drivers don't stop at Doidge and Victor intersection STOP sign	Yes	No	Speed bumps are requested by residents.
17	Speeding on Tennent Ave – Request add speed bump near Fernandez Park			New request



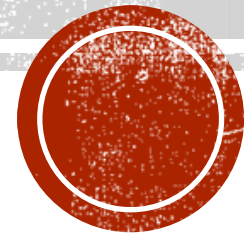
ISSUES RELATED CALTRANS RIGHT OF WAY

Sl. No.	Issue	Discussed	Resolution	Comments
1	I 80 South Bound – Double Left Turn Lane on Pinole Valley Road – Visibility of striping and signage	Yes	Not identified	Caltrans right of Way. Need to pursue with Caltrans.
2	Lighting for directional sign under the Bridge at Pinole Valley Road	Yes	Not identified	Caltrans right of Way. Need to pursue with Caltrans.
3	Additional lane for I-80 east on ramp at Pinole Valley Road	Yes	Not Identified	City to engage Caltrans to discuss the possibility of an additional lane.



Item #7

STAFF UPDATES



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CIP PROJECTS

- ❑ Appian Way and Marlesta Rd. Intersection project
- ❑ Pinole Valley Road Improvements- Complete streets Memo and Bid Set (100% plans) attached to the agenda packet.



Item #7

DEVELOPMENT PROJECTS

Please visit https://www.ci.pinole.ca.us/city_government/planning/current_projects for all development projects currently under review and make your comments to the planning commission.

Currently Under Review by Planning Department:

- NONE



Item #7

ACTIVE TRANSPORTATION PLAN

- No updates



Item #7

GRANTS - UPDATE

- No updates



Item #8

FUTURE AGENDA ITEMS

COMMITTEE MEMBER
REQUESTS

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Item #9

**ADJOURN TO
NEXT MEETING**

OCTOBER 11, 2023



**THANK
YOU**



2130002.20

MEMORANDUM

TO: Misha Dillon

From: Robert Stevens, PE, TE, Irish Pellas, and Richard Souza, PE

DATE: September 1, 2023

SUBJECT Pinole Valley Road Arterial Rehabilitation Complete Streets Assessment

Assembly Bill 1358, California Complete Streets Act, requires local agencies to consider multimodal elements into their transportation network. This effort seeks to ease congestion, promote healthier communities, and provide travel options that accommodate various needs. The City of Pinole proposes to rehabilitate the pavement of Pinole Valley Road between Pinole Creek Bridge, west of Savage Avenue, to the eastern city limit. During this work, the City has the opportunity to re-stripe the roadway.

Pinole Valley Road is a two-lane arterial road serving residential and recreational areas while connecting to unincorporated area of Contra Costa County. The roadway's width varies, ranging from 38 to 52 feet, with intermittent on-street parallel parking. The posted speed limit is 35 MPH, and the road is designated as a Class 3 bike route, with WestCAT transit servicing the western segments up to Wright Avenue.

This section of Pinole Valley Road serves as a transition zone between the rural eastern section and residential and commercial developments on the western segment. This evaluation considers the Complete Streets elements considered for the rehabilitation of the roadway.

PEDESTRIAN FACILITIES

As part of this project, pedestrian facilities recommended for approval include the addition of nineteen ADA-compliant curb ramps. The project also included enhanced safety measures, including vehicular yield to pedestrian signage, markings, and stripes at several uncontrolled intersections, including Savage Avenue, Monte Verde Drive, and Simas Avenue.

The existing sidewalks are generally four feet wide, with about 65% of the project area including sidewalks. Most of these sidewalks were constructed during residential subdivision development. According to the Caltrans Highway Design Manual (HDM) Section 105.2 Sidewalks and Walkways:

The minimum width of a sidewalk should be 8 feet between a curb and a building when in urban and rural main street place types. For all other locations, the minimum width of sidewalk should be 6 feet when contiguous to a curb or 5 feet when separated by a planting strip. Sidewalk width does not include curbs.

Widening sidewalks to meet the minimum requirements for a residential setting will require an additional 2-feet. This is challenging due to limited right-of-way, site constraints, and steep terrain. Additionally,

sidewalk widening would require drainage improvements to comply with Contra Costa's stormwater quality provisions, significantly increasing costs and project delays without substantial operational improvements. Because of these site constraints and limited available funding, we do not recommend widening of sidewalks.

BICYCLE FACILITIES

In the existing condition, Pinole Valley Road is a Class III bike route. To enhance bicycle safety, we examined various options including Class I, Class II and IV facilities as shown in Figure 1.

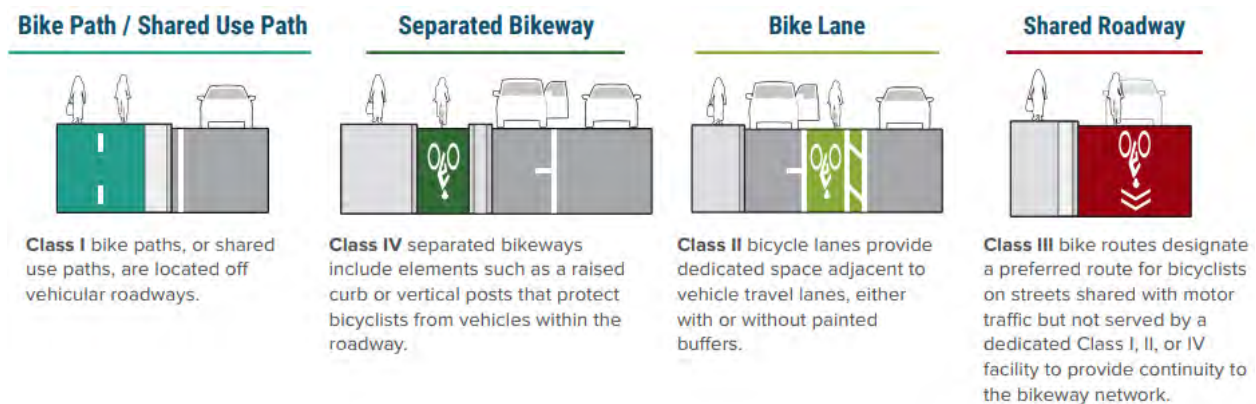


Figure 1. Bicycle Facilities

A Class 1 bike path is no less than 8 feet in width and requires a physical separation from the roadway of 5 feet. We did not consider this option as there is insufficient budget available for its application.

We did consider a Class IV bikeway. Caltrans Design Information Bulletin 89 defines a Class IV Bikeway as a feature that offers a physical separation between bicyclists and through vehicular traffic. Figure 2 illustrates an example. The separation may include, but is not limited to, grade separation, flexible posts, inflexible physical barriers, or on-street parking.

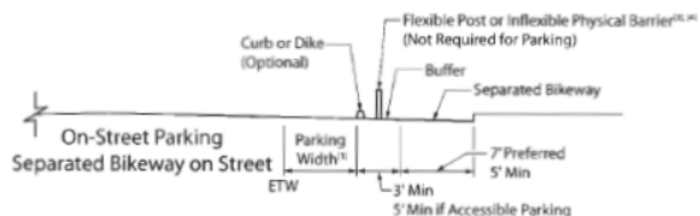


Figure 2. Class IV Bikeway

The width of Pinole Valley Road from Simas Avenue to the City Limits measures approximately 40 feet from one curb to the other as shown in Figure 3. Within this section, on street parking is permitted in certain sections. To establish a continuous Cycle IV bikeway without the removal of parking, the project would need to provide a road width of 56 feet as shown in Figure 4.

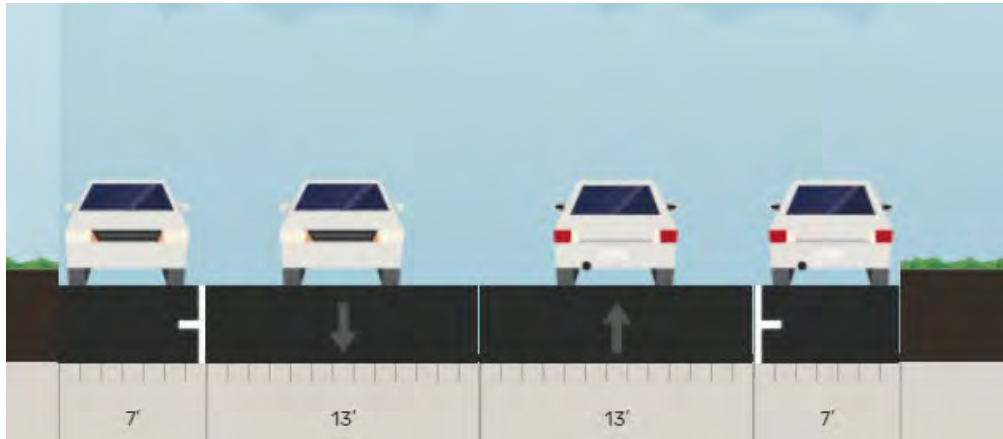


Figure 3. The existing Pinole Valley Road from Simas Avenue to City Limits with a width of 40 feet. On street parking is allowed along portions of this segment.

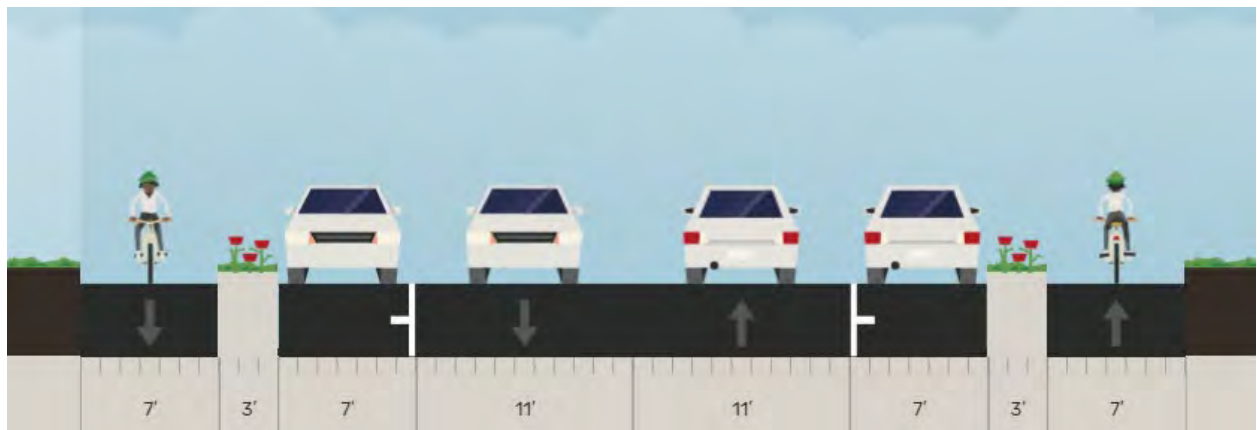


Figure 4. Class IV Bikeway with on street parking along Pinole Valley Road would require 56 feet of width.

A Class IV cycletrack can be accommodated within the narrow section of Pinole Valley Road by eliminating the on street parking as shown in Figure 5.

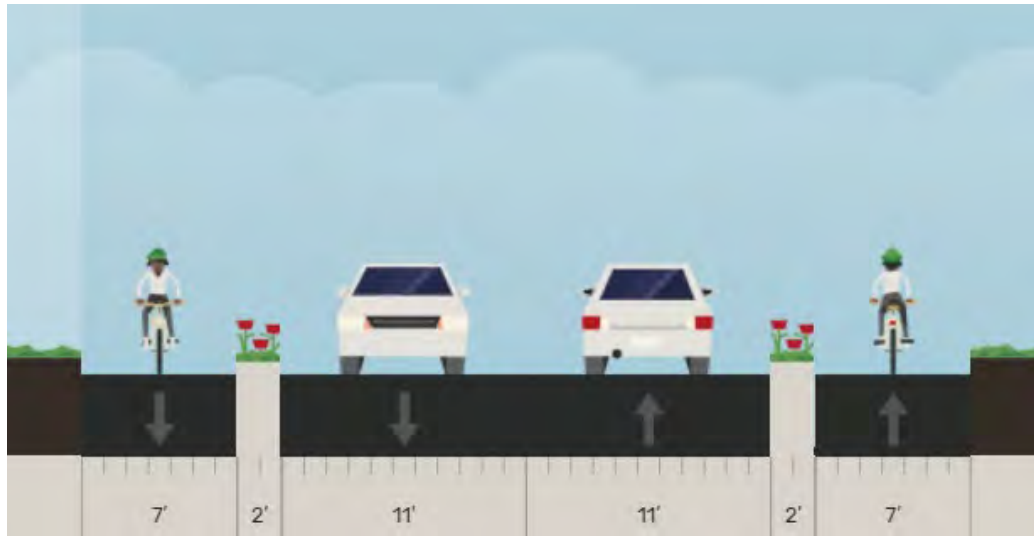


Figure 5. Class IV Bikeway along Pinole Valley Road can be accommodated by removing on street parking within the 40 feet wide roadway.

At this time, we do not recommend implementing a Class IV bikeway along this segment of Pinole Valley Road for the following reasons:

1. Expanding the roadway's width to accommodate the bikeway and preserving on street parking poses challenges due to limited available right of way, existing site features, and the steep topography of the area. Furthermore, these enhancements mandate drainage improvements that align with Contra Costa's updated stormwater quality C.3 provisions.
2. Removal of on street parking to accommodate the Class IV bikeway will require coordination with the neighborhood. This configuration would also require delivery vehicles to stop in the travel lane creating delays along the arterial corridor.
3. The City will need to clean the Class IV bikeway. This will require acquisition of a narrow street sweeper similar to the unit shown in Figure 6. The cost for this unit is about \$175,000.
4. For properties that front Pinole Valley Road, the project would need to coordinate the location



Figure 6. Street Sweeper



Figure 7. Receptacles

of trash, green waste, and recycling receptacles. Often, the buffer area needs to be widened to accommodate the containers to avoid issues as shown in Figure 7.

5. If the project removes the on street parking and installs a buffer between the travel lanes that is simply delineators and striping as shown in Figure 8, we would be concerned that travel speeds would increase along Pinole Valley Road. On Street parking narrows the roadway reducing travel speeds. Robust and planted buffers would be an option to help calm traffic.



Figure 8. Class IV Buffer

We recommend implementing Class II buffered bicycle lanes as shown in Figure 9. According to the Caltrans Highway Design Manual a Class II bike lane along a road such as Pinole Valley Road should be 6 feet wide. We recommend providing a striped buffer of about 1.5 feet between the bicyclists and vehicles, providing an additional visual queue for motorists regarding the edge of the travel lane. This design is consistent with the guidelines proposed by the National Association of City Transportation Officials (NACTO). We recommend placing the buffer on the travel lane side rather than the parking lane as parking turnover is not high along this segment of Pinole Valley Road.

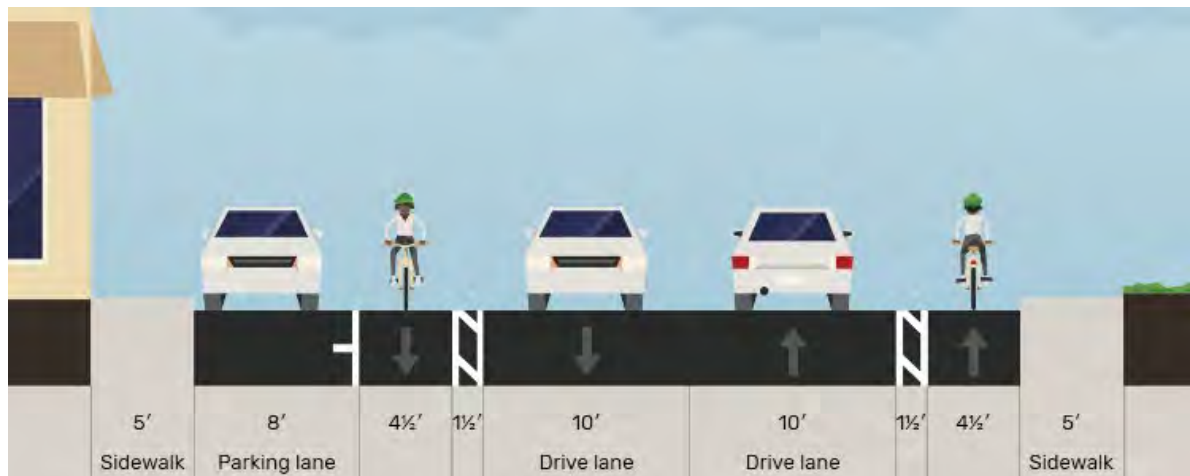


Figure 9. Proposed Bicycle Facilities for Pinole Valley Road

Please note that the bicycle lane cannot be located between the sidewalk and the parking lane unless it conforms to the Class IV standards previously mentioned. Have a 6 feet wide bicycle lane in this location creates a conflict with the opening of vehicle doors.

To accommodate the re-striping with Class II facilities, the project will remove nine on street parallel parking spaces. This includes three stalls across from Simas Avenue east and six stalls near the baseball field's parking lot.



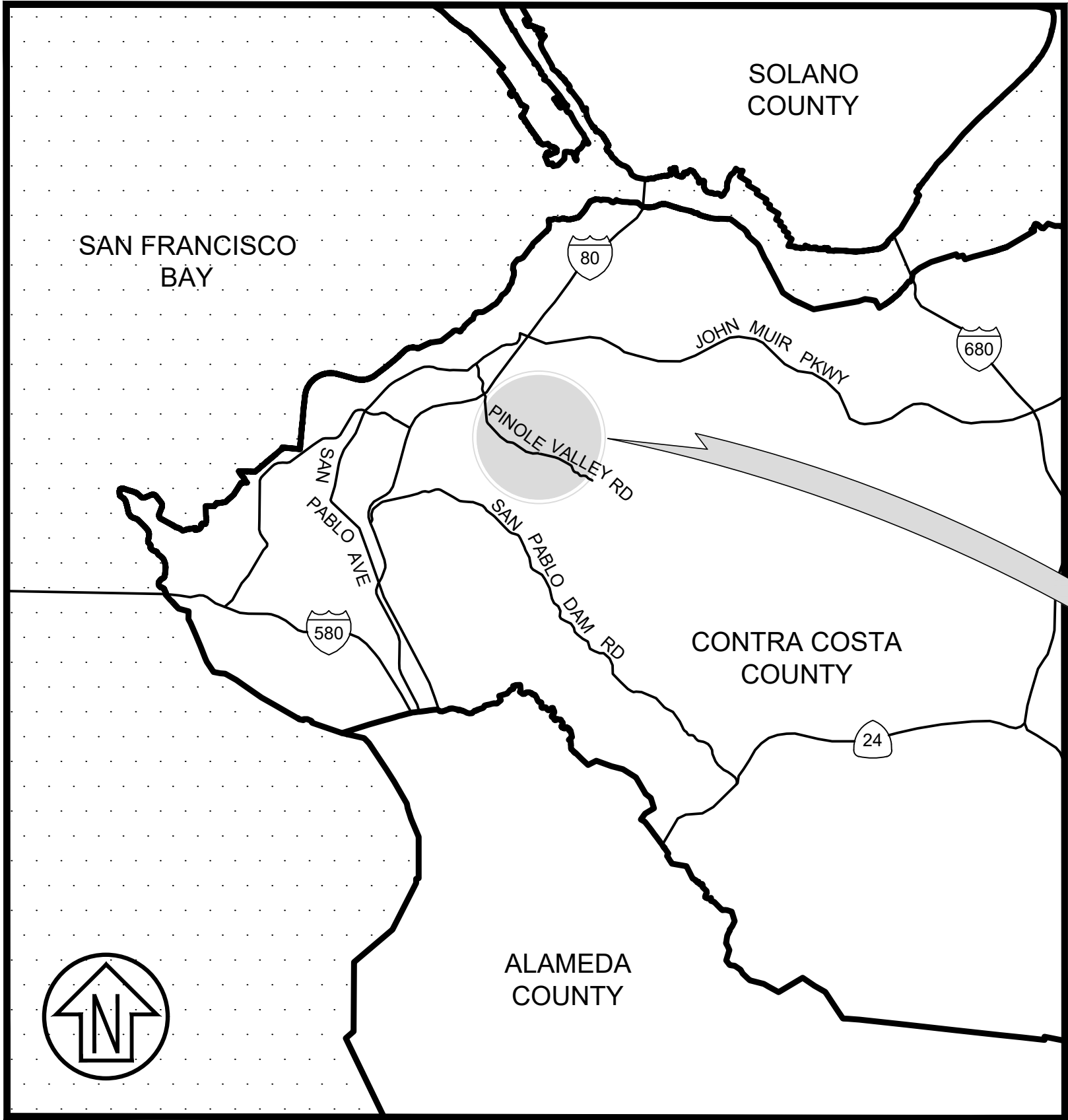
TRANSIT

We have coordinated with WestCAT and they agree with the proposed revisions to the roadway's configuration.

If we can provide any additional information, please contact Robert Stevens at rstevens@cswst2.com.

CITY OF PINOLE
DEPARTMENT OF PUBLIC WORKS
PLANS FOR CONSTRUCTION OF
PINOLE ARTERIAL REHABILITATION PROJECT

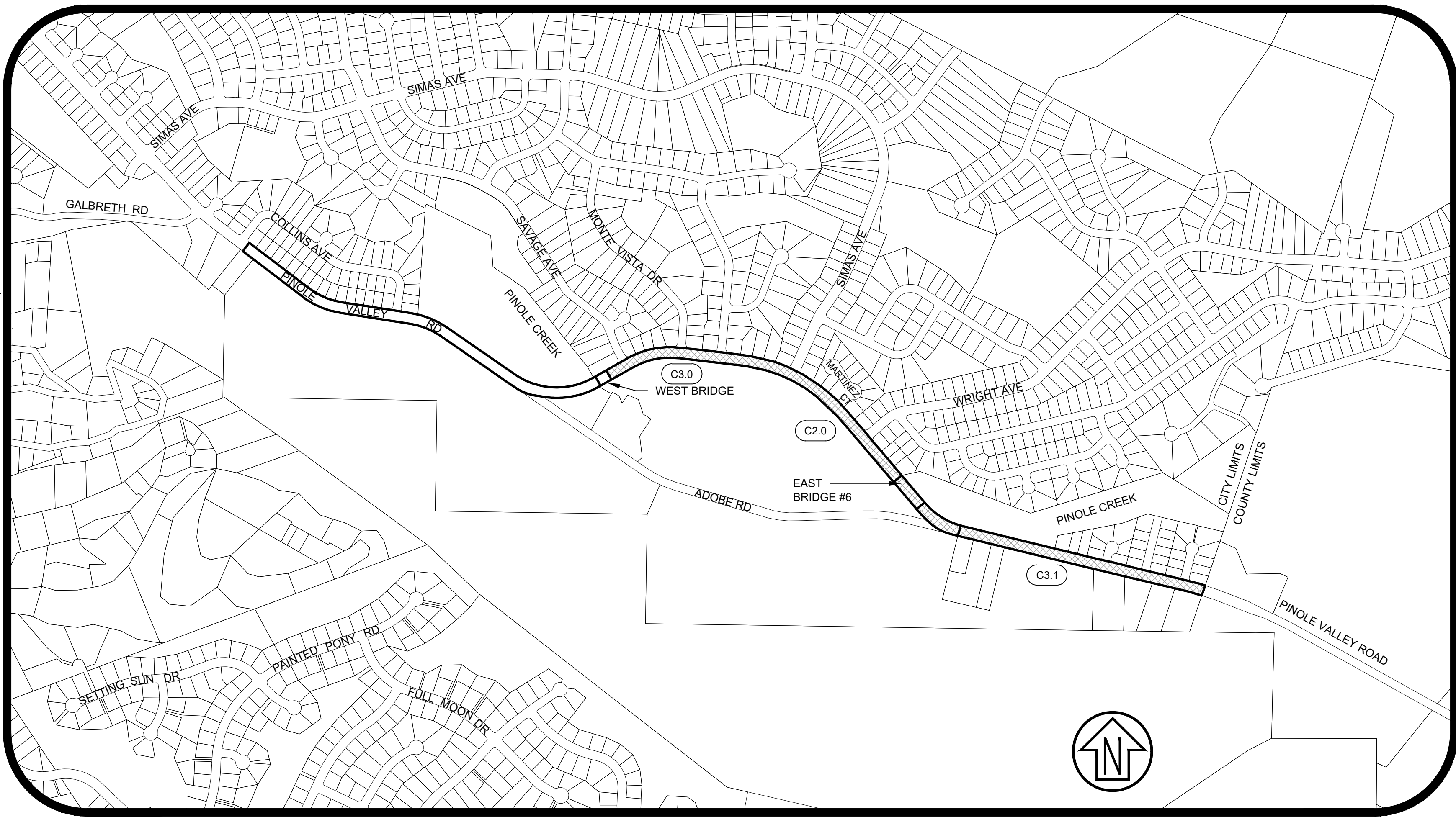
CITY PROJECT NO: R01801



LOCATION MAP
SCALE: NTS

SHEET INDEX

C1.0	1	COVER SHEET
C1.1	2	GENERAL NOTES SHEET
C2.0	3	PAVEMENT PLAN (STA. 1+00 TO 43+58) - WEST OF BRIDGE to CITY LIMITS
C2.1	4	CURB RAMP PLAN (SAVAGE, MONTE VISTA, MONTE VERDE)
C2.2	5	CURB RAMP PLAN (SIMAS, MARTINEZ, WRIGHT)
C2.3	6	CURB RAMP PLAN (WRIGHT, HOYTT, TAPER)
C2.4	7	CURB RAMP PLAN (MARLIN) & DETAIL SHEET
C3.0	8	SIGNING & STRIPING PLAN (STA. 24+00 TO 42+00) - WEST OF BRIDGE to MARTINEZ CT
C3.1	9	SIGNING & STRIPING PLAN (STA. 42+00 TO 68+49) - MARTINEZ CT to CITY LIMITS
C3.2	10	STRIPING DETAILS



VICINITY MAP
SCALE: 1" = 500'



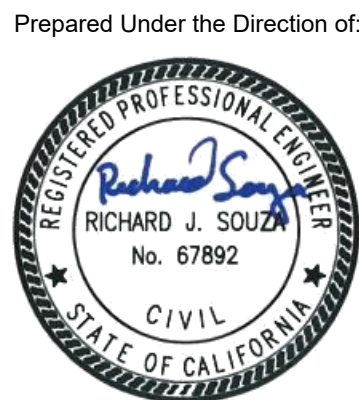
Rev	Date	Description	Designed	Drawn	Checked
-	08-21-23	BID SET	IP	RS	RS

CSW | ST2
CSW/Stuber-Stroeh Engineering Group, Inc.
121 Park Place
Richmond, CA 94801
tel: 415.883.9850
fax: 415.883.9835
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City
Pinole
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PINOLE ARTERIAL REHABILITATION
COVER SHEET
CITY OF PINOLE

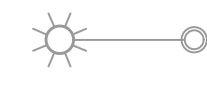




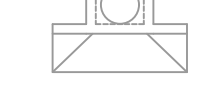
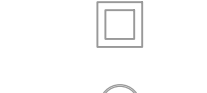







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Scale:	AS SHOWN
Date:	06/02/2023
CSW Project #:	2030002.20
City Project No:	R01801

ABBREVIATIONS

AB	AGGREGATE BASE	LP	LOW POINT
AC	ASPHALT CONCRETE	MH	MANHOLE
CB	CATCH BASIN	NE	NORTH EAST
CJ	CONTROL JOINT	NW	NORTH WEST
CL	CENTERLINE / CONTROL LINE	NTS	NOT TO SCALE
CP	CONTROL POINT	P.C.C.	PORTLAND CEMENT CONCRETE
CR	CURB RETURN	RW	RIGHT OF WAY
DI	DROP INLET	SE	SOUTH EAST
DWY	DRIVEWAY	SW	SOUTH WEST
EG	EXISTING GRADE	SD	STORM DRAIN
EL	ELEVATION	SDMH	STORM DRAIN MANHOLE
EP	EDGE OF PAVEMENT	SF	SQUARE FEET
EX	EXISTING	SS	SANITARY SEWER
FG	FINISH GRADE	SSCO	SANITARY SEWER CLEANOUT
FH	FIRE HYDRANT	SSMH	SANITARY SEWER MANHOLE
FL	FLOWLINE	TC	TOP OF CURB
FS	FINISH SURFACE	UNO	UNLESS NOTED OTHERWISE
GB	GRADE BREAK	VIF	VERIFY IN FIELD
JP	JOINT POLE		
LF	LINEAR FEET		

SYMBOLS

EXISTING	SIGN
	STREETLIGHT
	POWER POLE
	SANITARY SEWER - CLEANOUT
	SANITARY SEWER - MANHOLE
	STORM DRAINAGE - CATCH BASIN
	STORM DRAINAGE - CURB INLET
	STORM DRAINAGE - DROP INLET
	STORM DRAINAGE - MANHOLE
	GAS VALVE
	FIRE HYDRANT
	WATER VALVE
	POTHOLE LOCATION

GENERAL NOTES

- ALL CITY OWNED UTILITY FRAMES & COVERS SHALL BE ADJUSTED TO FINISHED GRADE. ADJUSTMENT OF UTILITY AGENCY (PG&E, EBMUD, AT&T, AND/OR COMCAST) FRAMES & COVERS ARE REVOCABLE ITEMS. UTILITY LOCATIONS INDICATED IN THE PLANS ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY LOCATIONS IN THE FIELD AND COORDINATE WITH THE APPLICABLE UTILITY AGENCY FOR ADJUSTMENT.
- WORK SHOWN HEREON SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, LATEST EDITION, COUNTY OF CONTRA COSTA STANDARD PLANS AND SPECIFICATIONS, AND THE APPLICABLE UTILITY AGENCY STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING CONDITIONS AND NEW CONSTRUCTION, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND OR AT GRADE FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION OPERATIONS UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE ENGINEER.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- THE CONTRACTOR SHALL OBTAIN ALL APPROPRIATE JURISDICTIONAL AGENCY PERMITS WHICH MAY BE NECESSARY TO ACCOMPLISH WORK SHOWN ON THESE PLANS.
- ALL PATHWAYS AND/OR ROADWAYS SHALL BE SWEEPED AND KEPT CLEAN AT THE END OF EACH DAY AND SHALL COMPLY WITH ALL APPLICABLE LOCAL JURISDICTIONAL REQUIREMENTS FOR THE DURATION OF THE PROJECT WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTHS BY POTHOLING OF ALL UTILITIES WITH APPROPRIATE AGENCIES, AND TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THIS SURVEY DOES NOT REFLECT A FINAL BOUNDARY DETERMINATION. THE BOUNDARY SHOWN HERON IS DEPICTED FOR GRAPHICAL PURPOSES ONLY.
- THE CONTRACTOR SHALL NOTIFY THE ADJACENT PROPERTY OWNERS IN WRITING A MINIMUM OF 72 HOURS IN ADVANCE OF CONSTRUCTION AT THE WORK SITE. DRIVEWAY CLOSURES SHALL BE COORDINATED WITH THE CITY OF PINOLE PUBLIC WORKS DEPARTMENT AND THE PROPERTY OWNER(S).
- THE CITY OF PINOLE PUBLIC WORKS DEPARTMENT WILL BE NOTIFIED A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO WORKING WITHIN THE CITY OF PINOLE RIGHT-OF-WAY. THE CITY PUBLIC WORKS INSPECTOR SHALL BE KEPT INFORMED OF THE DAILY WORK SCHEDULE IN WRITING.

POLLUTION CONTROL NOTES:

- IF SIGNIFICANT SEDIMENT OR OTHER VISUAL SYMPTOMS OF IMPURITIES ARE NOTICED IN THE STORM WATER, CONTACT THE CIVIL ENGINEER IMMEDIATELY.
- ALL DUMPSTERS OR OTHER TRASH STORAGE ENCLOSURES SHALL BE UTILIZED SOLELY FOR NON-HAZARDOUS MATERIALS.
- ALL EMPLOYEES, CONTRACTORS, AND SUBCONTRACTORS ARE RESPONSIBLE FOR CONFORMING TO THE ELEMENTS SHOWN ON THE PLANS OR RELATED DOCUMENTS. ANY CONTRACTOR PLANNING TO DO WORK ON-SITE SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING ALL INFORMATION PRIOR TO START OF WORK AND EDUCATING ALL OF THEIR EMPLOYEES OR SUBCONTRACTORS AS TO THE CONTENTS OF THIS PLAN.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND FILING ALL PLANS WITH RELATED AGENCIES ASSOCIATED WITH THEIR WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, PERMITS FOR STORAGE OF HAZARDOUS MATERIALS, BUSINESS PLANS, PERMITS FOR STORAGE OF FLAMMABLE LIQUIDS, GRADING PERMITS, OR OTHER PLANS OR PERMITS REQUIRED BY CONTRA COSTA COUNTY, THE CITY OF PINOLE, OR OTHER AGENCIES. ALL PROPERTY OWNERS, CONTRACTORS, OR SUBCONTRACTORS WORKING ON-SITE ARE INDIVIDUALLY RESPONSIBLE FOR OBTAINING AND SUBMITTING ANY BUSINESS PLANS OR PERMITS REQUIRED BY CITY, STATE OR LOCAL AGENCIES.
- CONTRACTOR MAY RELOCATE STORAGE, DELIVERY, OR WASH-OUT AREAS TO SUIT THEIR OPERATIONS. RELOCATED LOCATION TO BE SHOWN ON PLANS MAINTAINED AT JOBSITE. CONTACT CIVIL ENGINEER FOR ANY PLAN REVISIONS. PLAN REVISIONS SHALL BE SUBMITTED TO CITY IF REQUESTED. CONTRACTOR TO MAINTAIN SECONDARY CONTAINMENT AS NECESSARY TO PROHIBIT POLLUTION AND TOXIC MATERIALS FROM ENTERING STORM DRAIN.

EROSION CONTROL NOTES:

- THE EROSION AND SEDIMENT CONTROL MEASURES WILL BE OPERABLE DURING THE RAINY SEASON, OCTOBER 1ST TO APRIL 15TH.
- CHANGES TO THE PLANS TO MEET FIELD CONDITIONS WILL BE MADE ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE CITY. CHANGES MADE TO SUIT FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CIVIL ENGINEER AND THE CITY ENGINEER.
- DURING THE RAINY SEASON, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE WILL BE MAINTAINED SO THAT A MINIMUM OF SEDIMENT-LADEN RUNOFF ENTERS THE STORM DRAIN SYSTEM AND SHALL REMAIN IN EFFECT UNTIL THE IMPROVEMENTS ARE ACCEPTED BY THE CITY, AND ALL SLOPES ARE STABILIZED FROM EROSION.

URBAN RUNOFF POLLUTION NOTES:

- STABILIZE ALL DENUDED AREAS AND MAINTAIN EROSION CONTROL MEASURES CONTINUOUSLY BETWEEN OCTOBER 1 AND APRIL 15TH.
- REMOVE SOILS PROMPTLY AND AVOID STOCKPILING OF FILL MATERIALS WHEN RAIN IS FORECAST. IF RAIN THREATENS, STOCK-PILED SOILS AND OTHER MATERIALS SHALL BE TARPED, AT THE REQUEST OF THE CITY ENGINEER.
- STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES SO AS TO PREVENT THEIR ENTRY TO THE STORM DRAIN SYSTEM. CONTRACTOR MUST NOT ALLOW CONCRETE, WASHWATERS, SLURRIES, PAINT OR OTHER MATERIALS TO ENTER CATCH BASINS OR TO ENTER SITE RUNOFF.
- USE FILTRATION OR OTHER MEASURES TO REMOVE SEDIMENT FROM DEWATERING EFFLUENT.
- NO CLEANING, FUELING OR MAINTAINING VEHICLES ON SITE SHALL BE PERMITTED IN ANY MANNER THAT ALLOWS DELETERIOUS MATERIALS TO ENTER CATCH BASINS OR TO ENTER SITE RUNOFF.
- CONTRACTOR TO LOCATE VEHICLE STORAGE DELIVERY AND NON HAZARDOUS WASTE AREAS AS NECESSARY TO FACILITATE THEIR OPERATION AND PROMOTE POLLUTION CONTROL.

POTHOLOGING RESULTS

POTHOLE NUMBER	AC PAVEMENT (IN.)	AGGREGATE BASE (IN.)
7	4.5	9.5
8	4	12.5
9	4	13
10	7	9
11	8.5	-
12	11	10
13	4.5	3.5
14	5	-

Rev	Date	Description	Designed	Drawn	Checked
-	08-21-23	BID SET	IP	RS	RS

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CSW/Stuber-Stroeh Engineering Group, Inc.

121 Park Place
Richmond, CA 94801

tel: 415.883.9850
fax: 415.883.9835

http://www.cswst2.com

2023

City	Pinole
County	Contra Costa
State	California



PINOLE ARTERIAL REHABILITATION
GENERAL NOTES SHEET
CITY OF PINOLE

Prepared Under the Direction of:



Sheet

C1.1

Scale: AS SHOWN

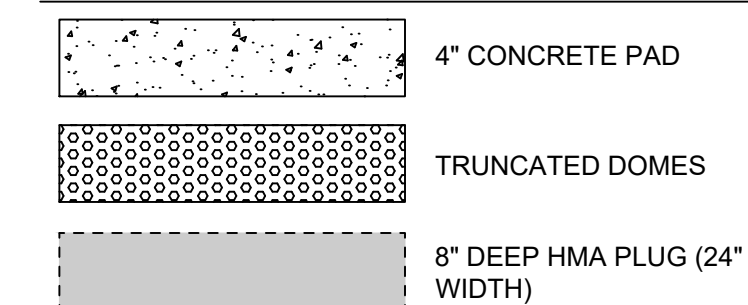
Date: 06/02/2023

CSW Project #: 2030002.20

City Project No: R01801



- ## LEGEND



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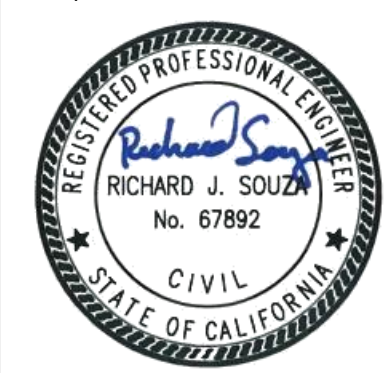
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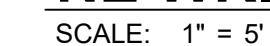
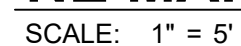
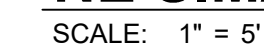
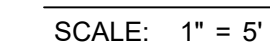
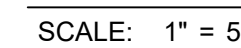
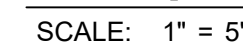
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PINOLE ARTERIAL REHABILITATION
CURB RAMP PLAN
(SAVAGE, MONTE VISTA, MONTE VERDE)
CITY OF PINOLE

Prepared Under the Direction of:



Sheet	
C2.2	
Scale:	1" = 50'
Date:	06/02/2023
CSW Project #:	2030002.20
City Project No:	R01801



-
- W
- 4" CONCRETE PAD
- TRUNCATED DOMES
- 8" DEEP HMA PLUG (24" WIDTH)

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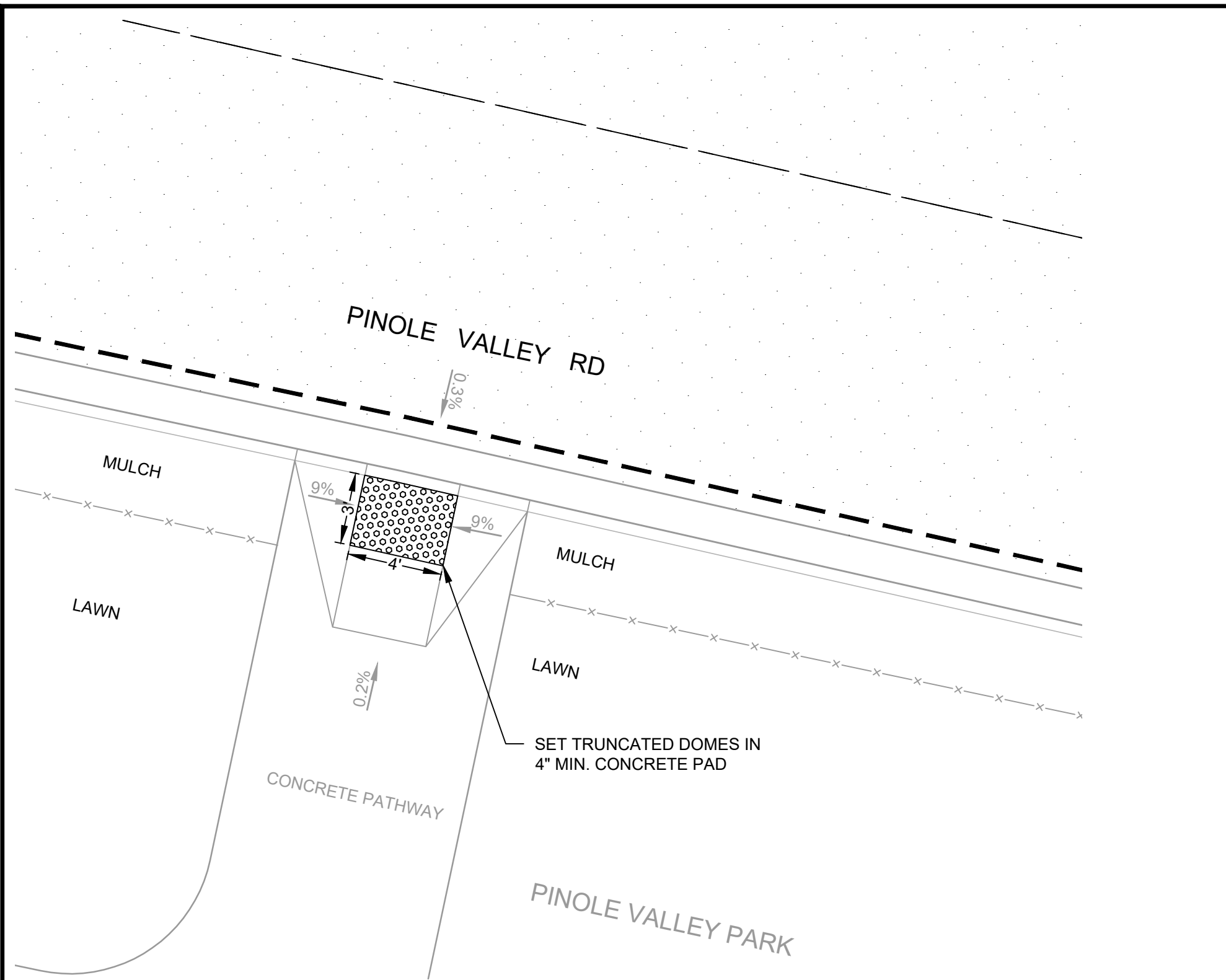


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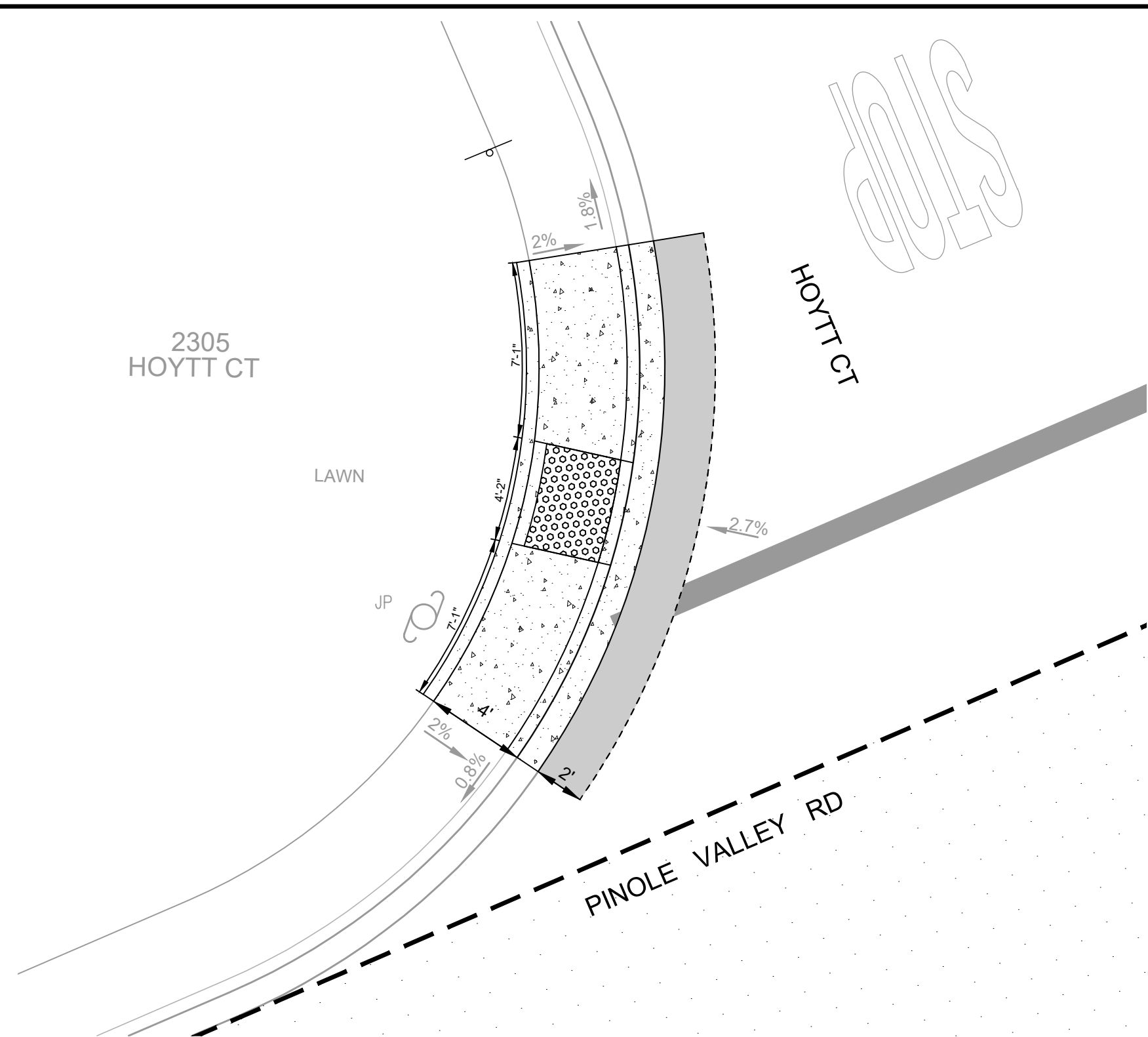
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CSW Project #:	2030002.20
City Project No:	R01801

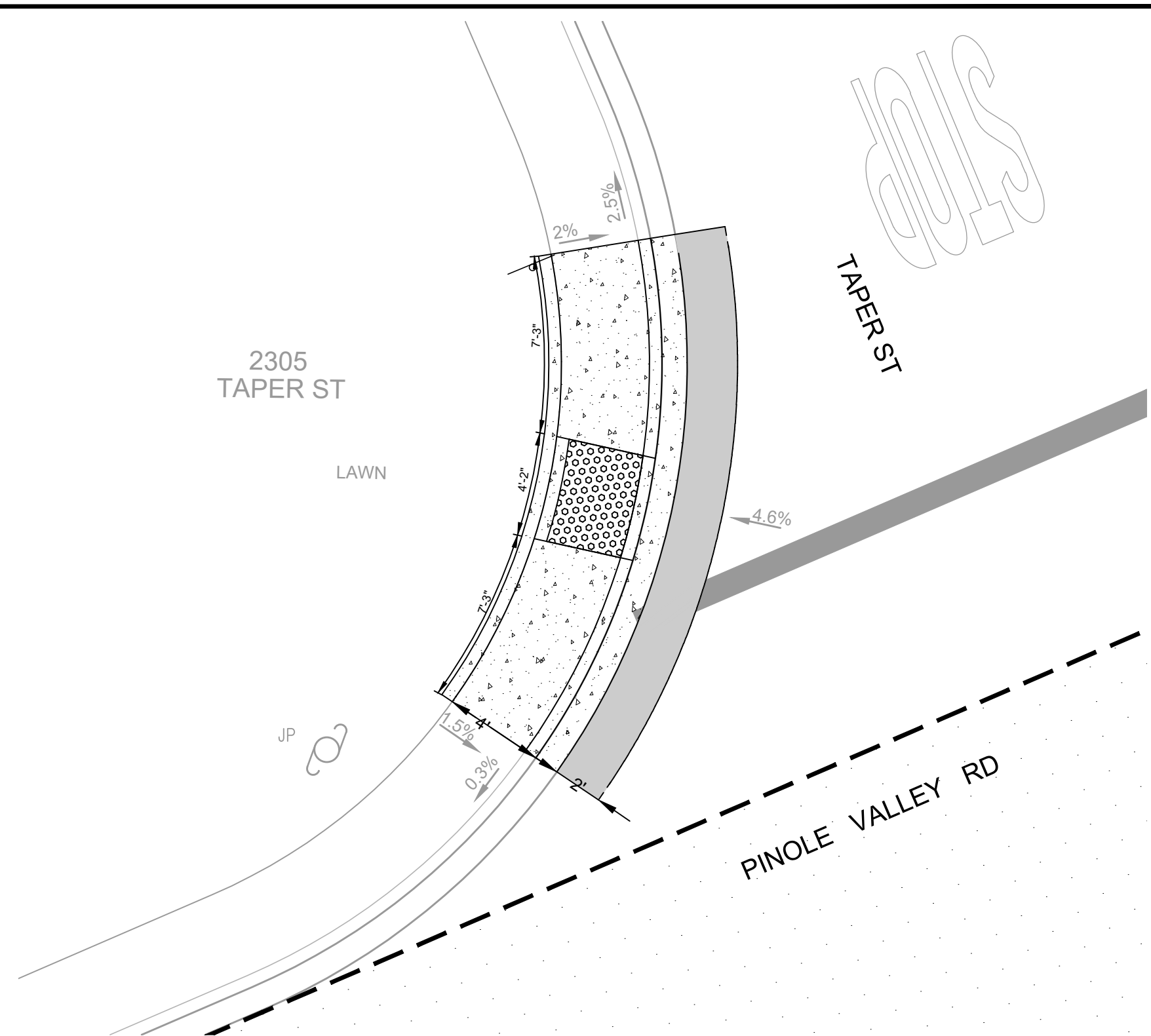
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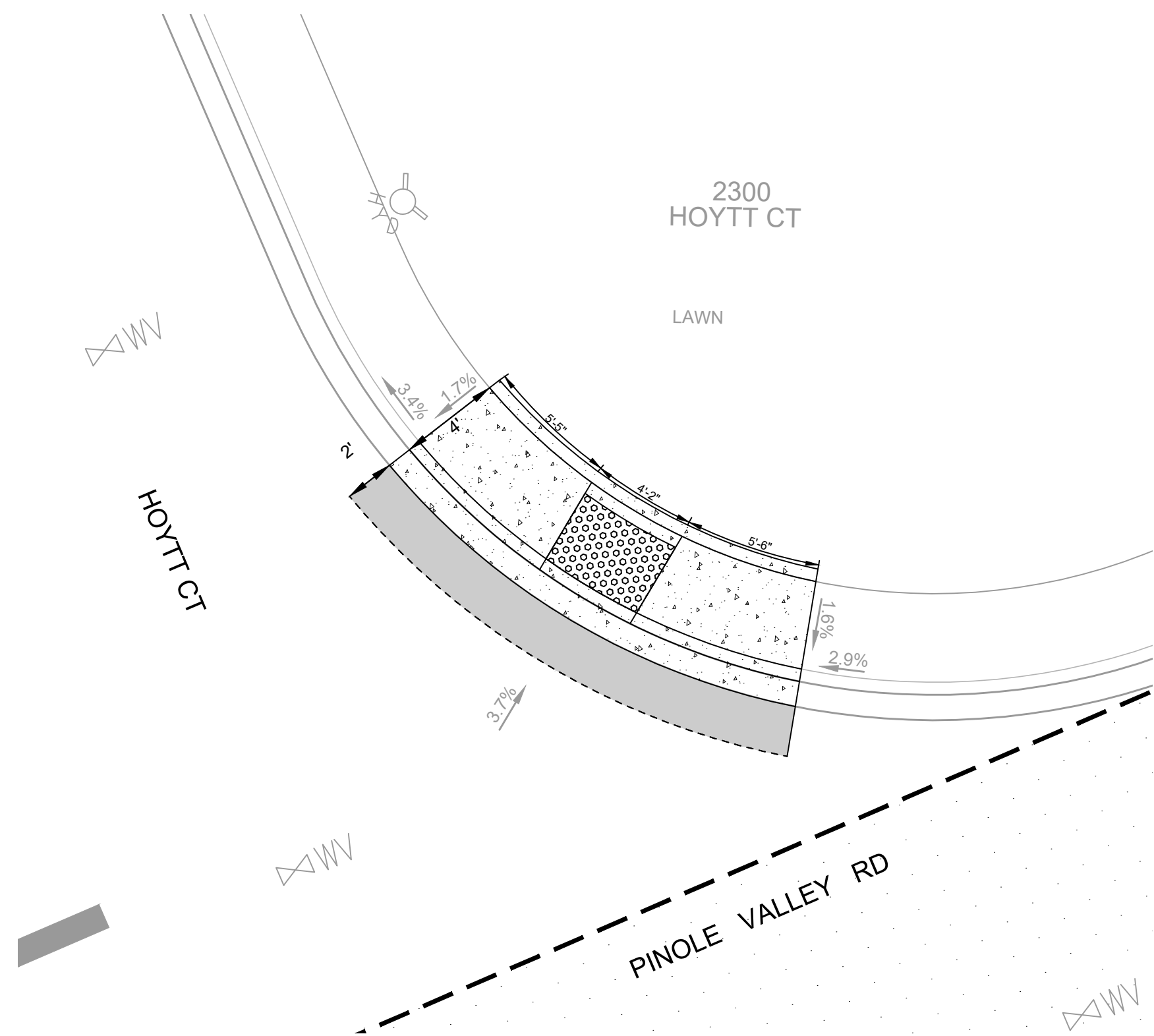
SE WRIGHT / PINOLE VALLEY TYPE "B" CURB RAMP REPAIR
SCALE: 1" = 5'



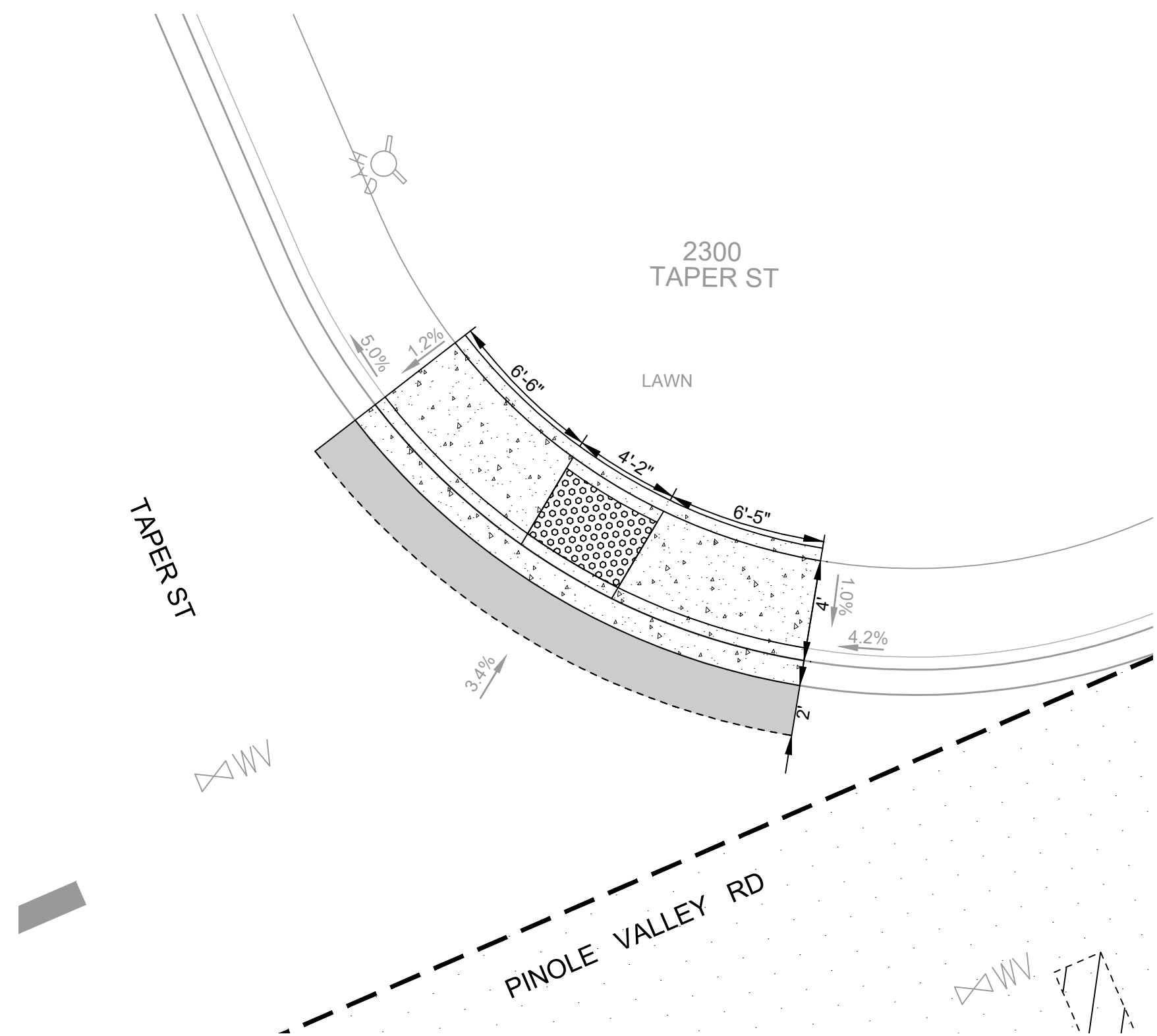
NW HOYTT / PINOLE VALLEY TYPE "C" CURB RAMP
SCALE: 1" = 5'



NW TAPER / PINOLE VALLEY TYPE "C" CURB RAMP
SCALE: 1" = 5'



NE HOYTT / PINOLE VALLEY TYPE "C" CURB RAMP
SCALE: 1" = 5'



NE TAPER / PINOLE VALLEY TYPE "C" CURB RAMP
SCALE: 1" = 5'

GENERAL NOTES

- CURB RAMPS SHALL MEET REQUIREMENTS OF CALTRANS STANDARD PLAN A88A (SEE DETAILS, SHEET C2.4).
- CONTRACTOR SHALL SET CURB RAMP FORMS FOR ENGINEER REVIEW PRIOR TO POURING CONCRETE.
- CONTRACTOR TO SAWCUT AND PROVIDE 2' MIN WIDE HMA PLUG (8" DEPTH ADJACENT TO CURB) AS INDICATED IN PLANS.
- SAWCUT SIDEWALK AT NEAREST JOINT OR AS APPROVED BY THE ENGINEER.

LEGEND

- 4" CONCRETE PAD
- TRUNCATED DOMES
- 8" DEEP HMA PLUG (24" WIDTH)

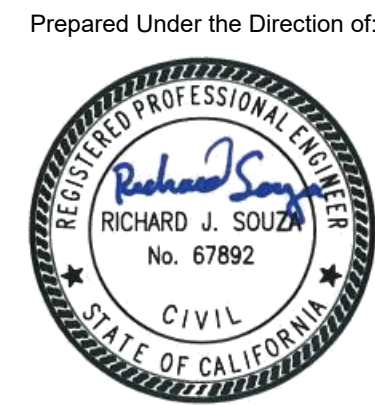
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-	08-21-23	BID SET	IP	RS	RS

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State	California



**PINOLE ARTERIAL REHABILITATION
CURB RAMP PLAN
(WRIGHT, HOYTT, NW TAPER)
CITY OF PINOLE**



Prepared Under the Direction of:

C2.3

Scale: 1" = 50'
Date: 06/02/2023
CSW Project #: 2030002.20
City Project No: R01801

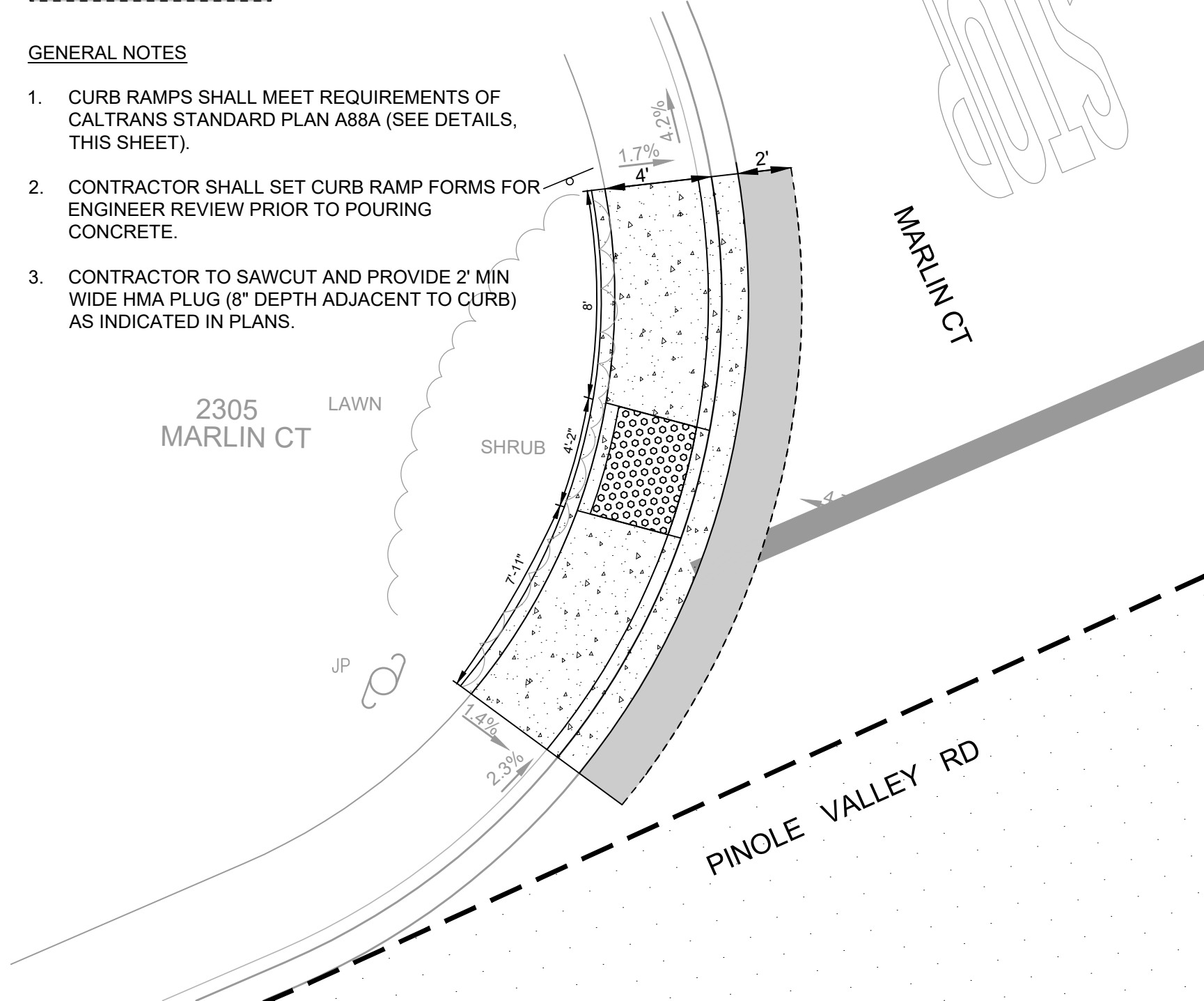
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4" CONCRETE PAD

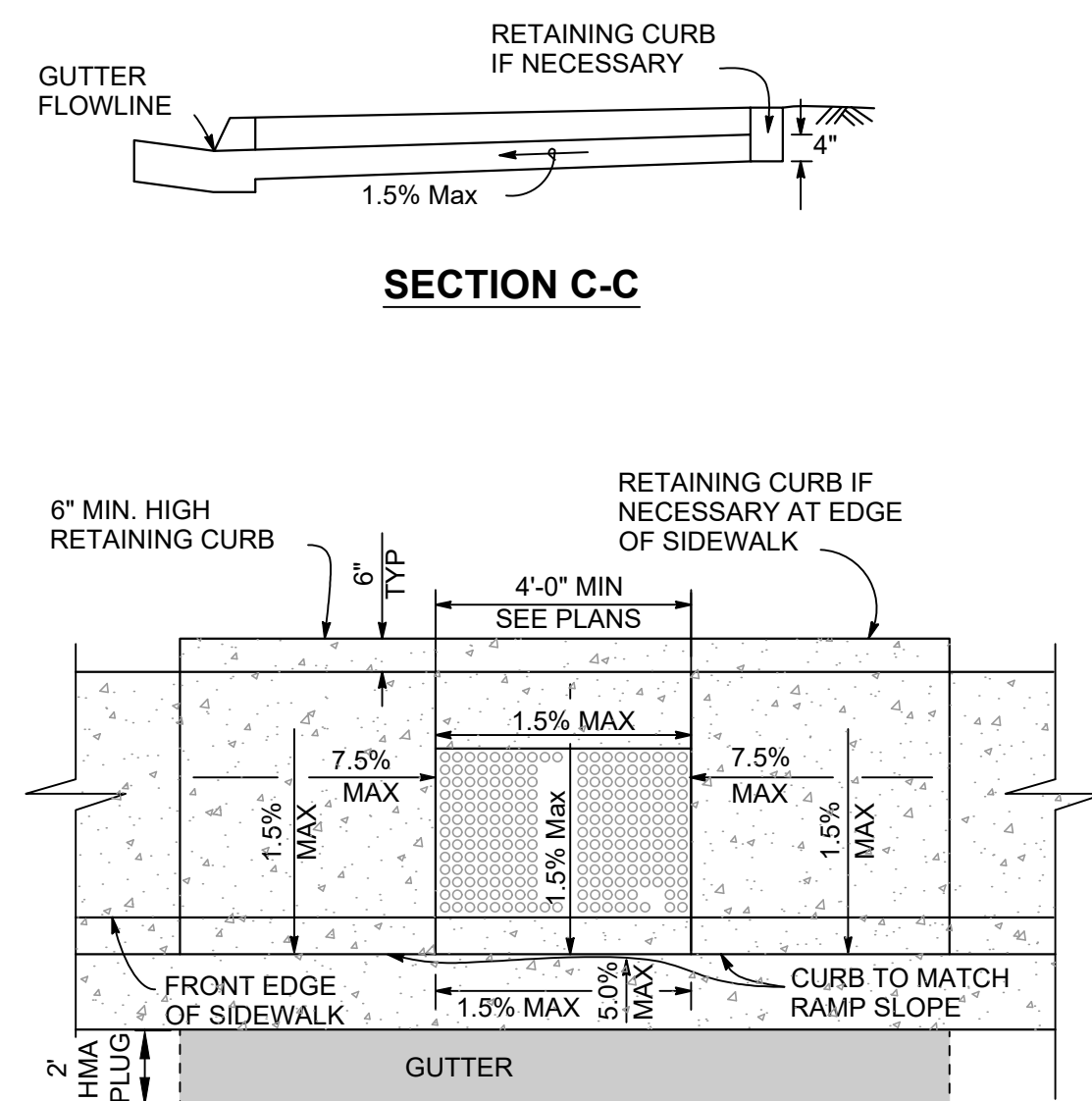
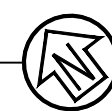
TRUNCATED DOMES

8" DEEP HMA PLUG (24" WIDTH)

1. CURB RAMPS SHALL MEET REQUIREMENTS OF CALTRANS STANDARD PLAN A88A (SEE DETAILS, THIS SHEET).
2. CONTRACTOR SHALL SET CURB RAMP FORMS FOR ENGINEER REVIEW PRIOR TO POURING CONCRETE.
3. CONTRACTOR TO SAWCUT AND PROVIDE 2' MIN WIDE HMA PLUG (8" DEPTH ADJACENT TO CURB) AS INDICATED IN PLANS.

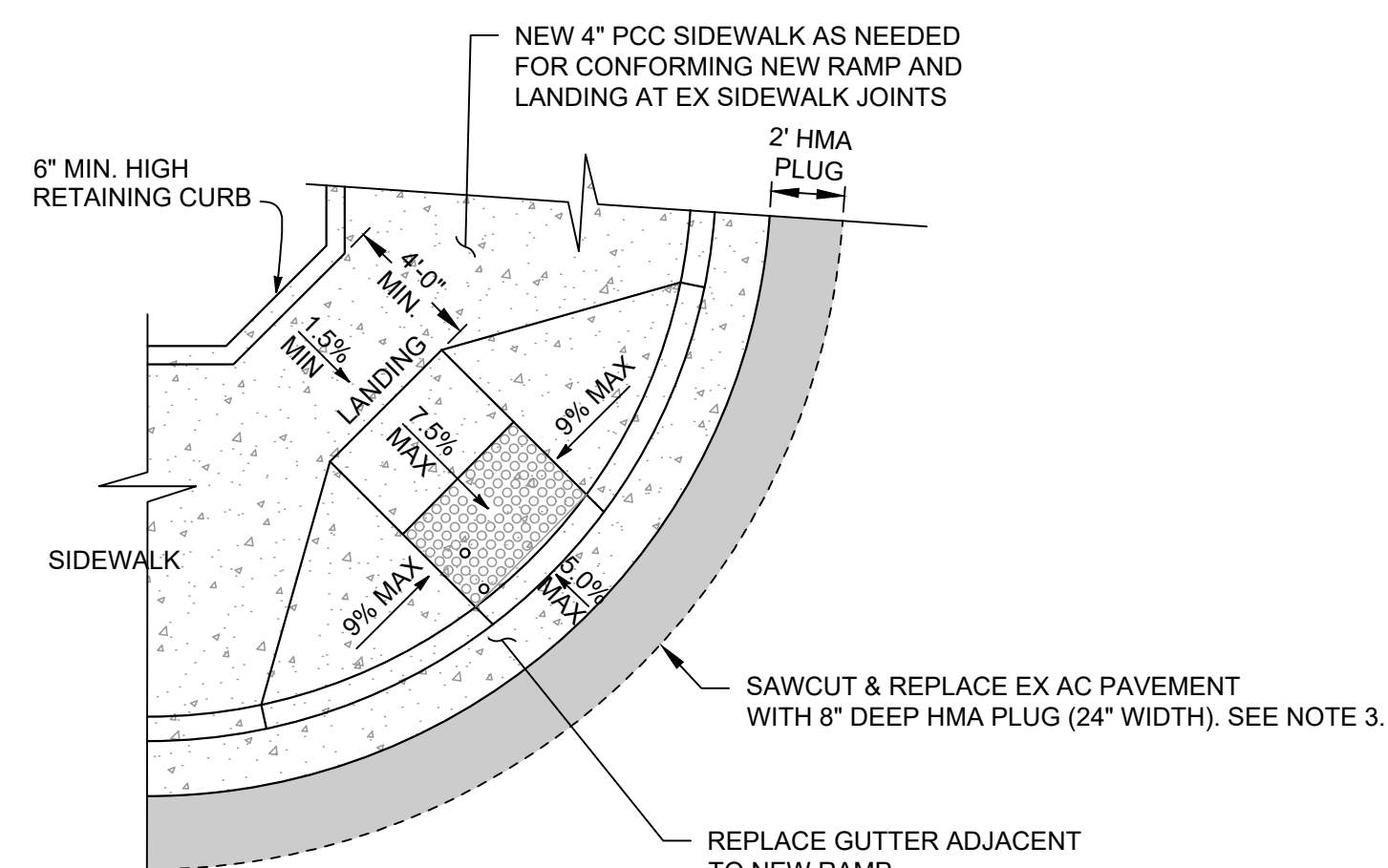
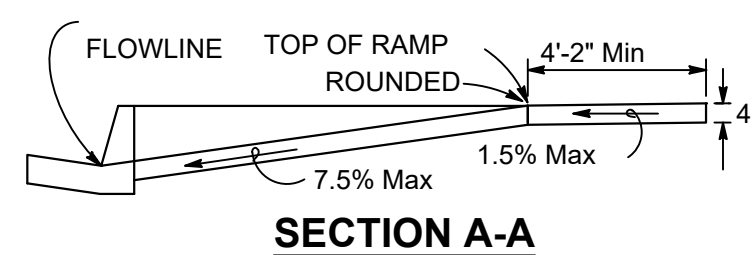


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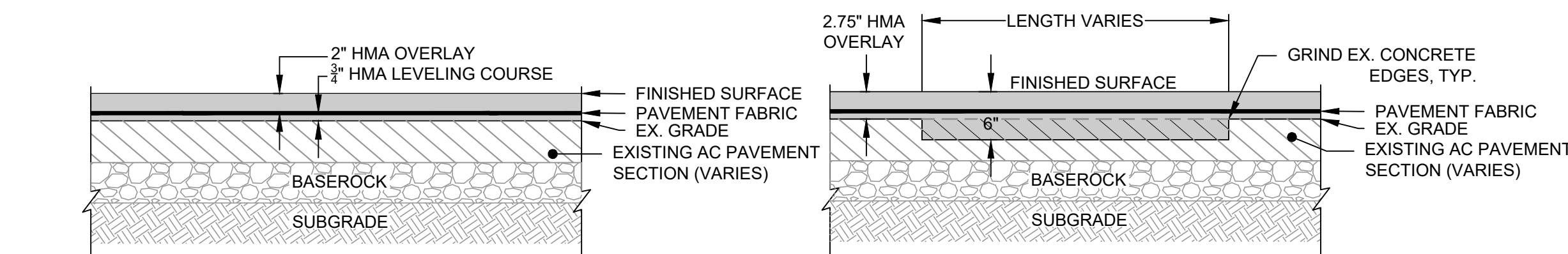
- NOTES:
1. 24" WIDE HMA PLUG SHALL BE 8" DEPTH
 2. CONTRACTOR SHALL LAYOUT ALL RAMPS FOR ENGINEER APPROVAL PRIOR TO COMMENCING WORK. THERE IS NO SURVEY. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN BUILD OF EACH RAMP.

1 SCALE: N.T.S.



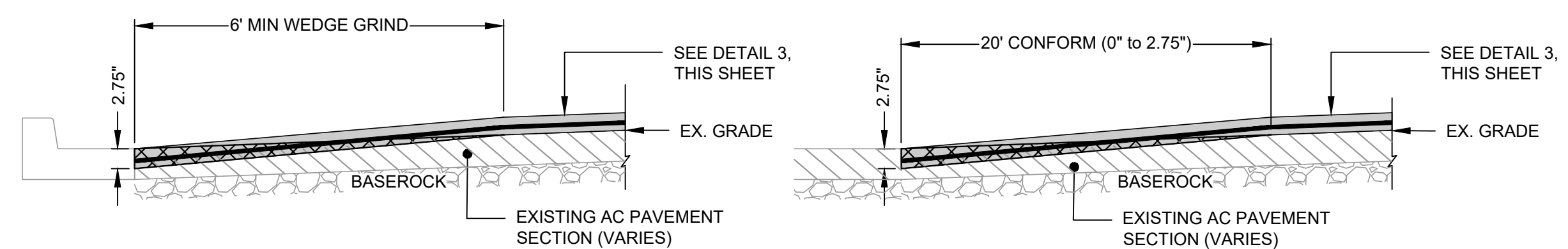
- NOTES:
1. 24" WIDE HMA PLUG SHALL BE 8" DEPTH
 2. CONTRACTOR SHALL LAYOUT ALL RAMPS FOR ENGINEER APPROVAL PRIOR TO COMMENCING WORK. THERE IS NO SURVEY. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN BUILD OF EACH RAMP.
 3. HMA PLUG WIDTH CAN BE ADJUSTED TO MEET 5.0% MAX GRADE.

2 MODIFIED
SCALE: N.T.S.



- NOTE:**
1. APPLY TACK COAT ON EX PAVEMENT SURFACES PRIOR TO HMA OVERLAY

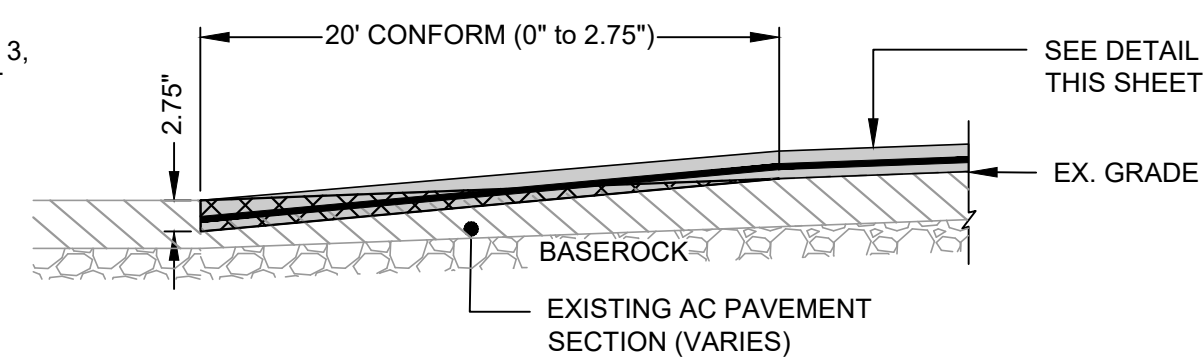
3 TIME OVER
SCALE: N.T.S.



- NOTE:**
1. TAPER GRIND FROM 2" AT ALL GUTTERS, CURBS, INTERSECTION ROADS, OR AS INDICATED IN PLANS TO 0" THICKNESS
 2. APPLY TACK COAT ON EX PAVEMENT SURFACES PRIOR TO HMA OVERLAY

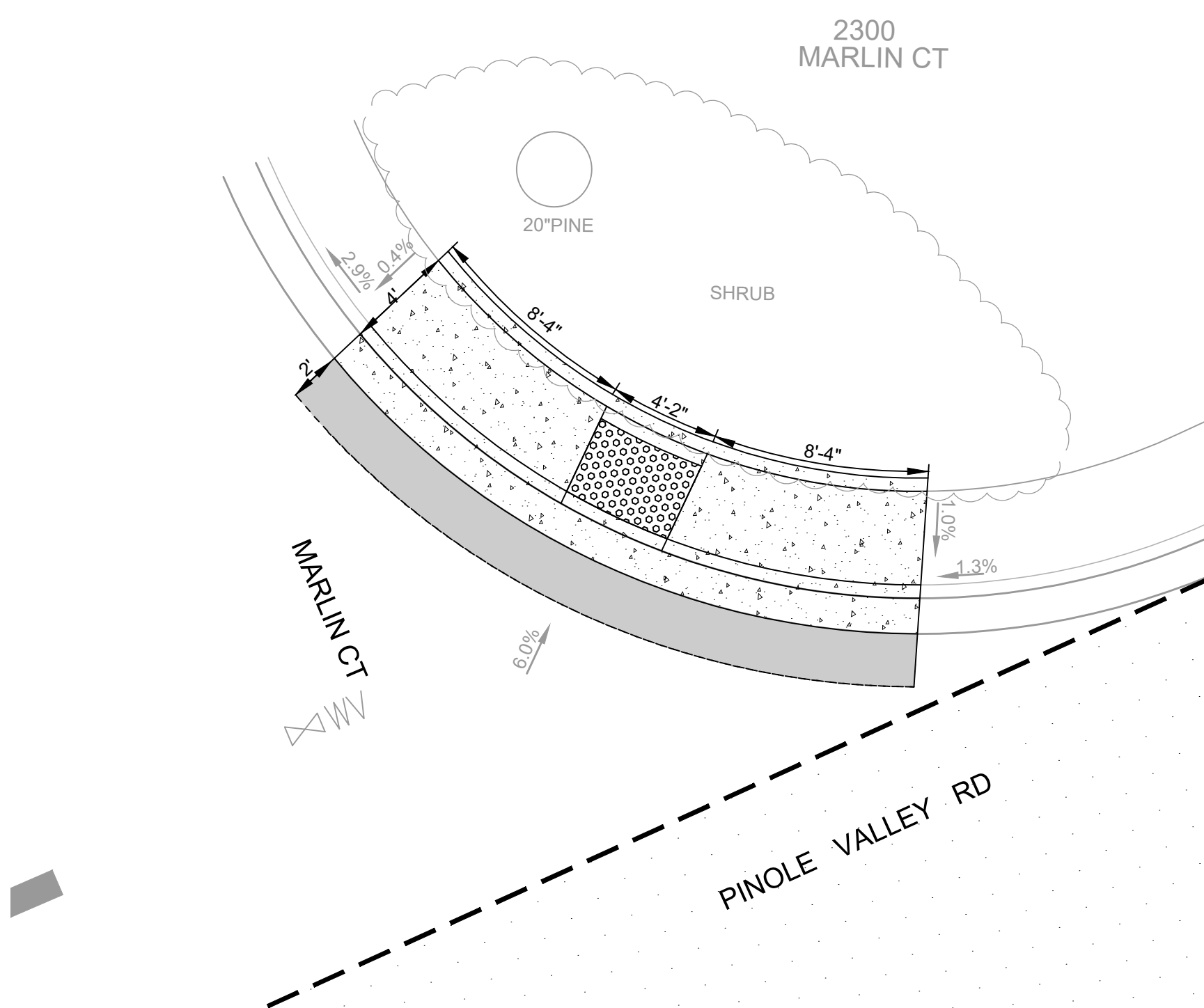
(5) WEDGE &
SCALE: N.T.S.

4 DIG-OUT L
SCALE: N.T.S.

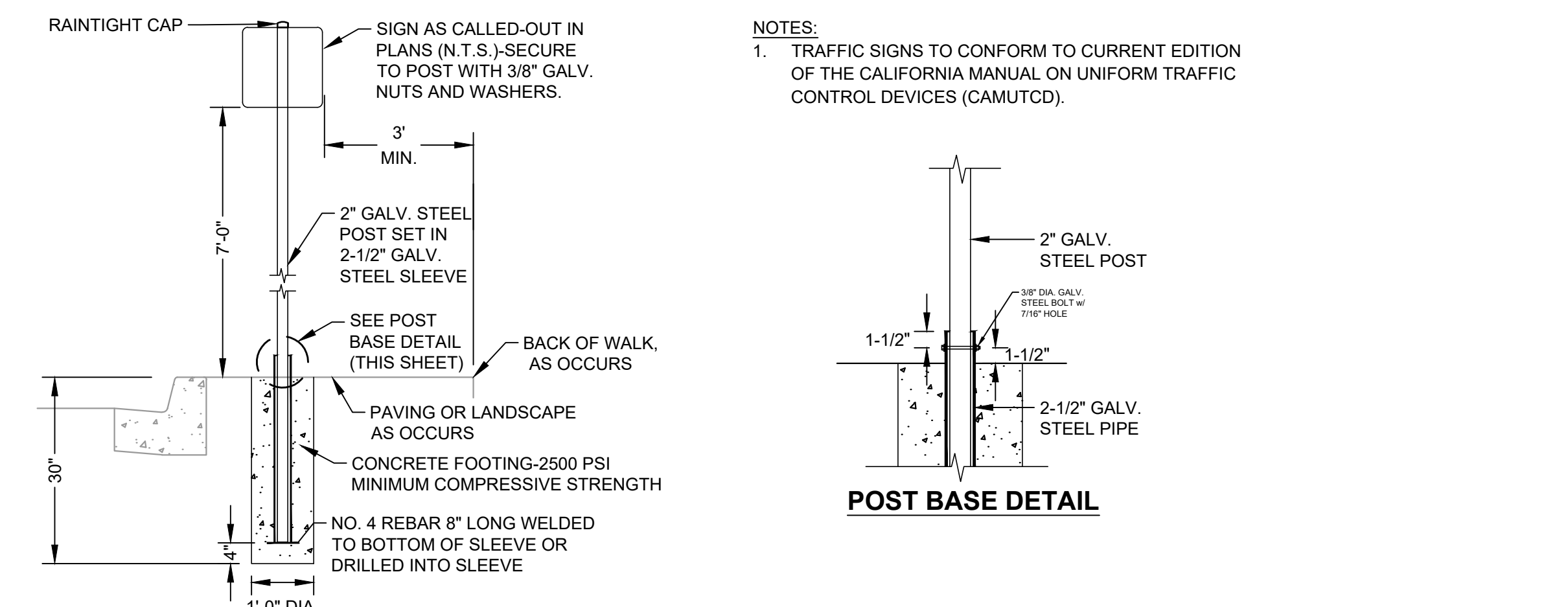
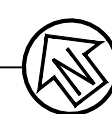


- NOTE:**
1. TAPER GRIND FROM 2.75" TO EXISTING ROADWAY GRADE AT ALL BRIDGES OR AS INDICATED IN PLANS
 2. APPLY TACK COAT ON EX PAVEMENT SURFACES PRIOR TO HMA OVERLAY

6 SCALE: N.T.S.



SCALE: 1" = 5'



- NOTES:**
1. TRAFFIC SIGNS TO CONFORM TO CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD).

7 ROADSIDE
SCALE: N.T.S.

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-	08-21-23	BID SET	IP	RS	RS

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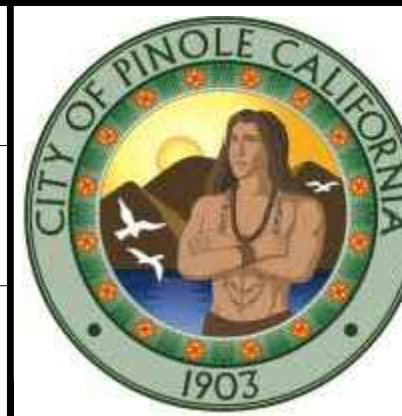
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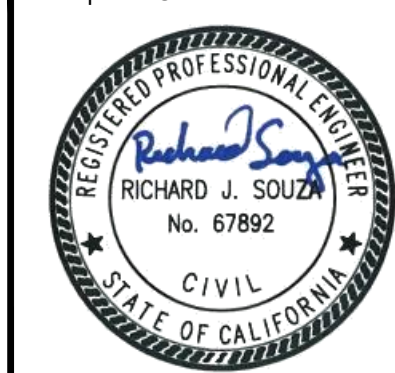
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State	California



PINOLE ARTERIAL REHABILITATION
CURB RAMP PLAN (MARLIN)
AND DETAIL SHEET
CITY OF PINOLE

Prepared Under the Direction of _____

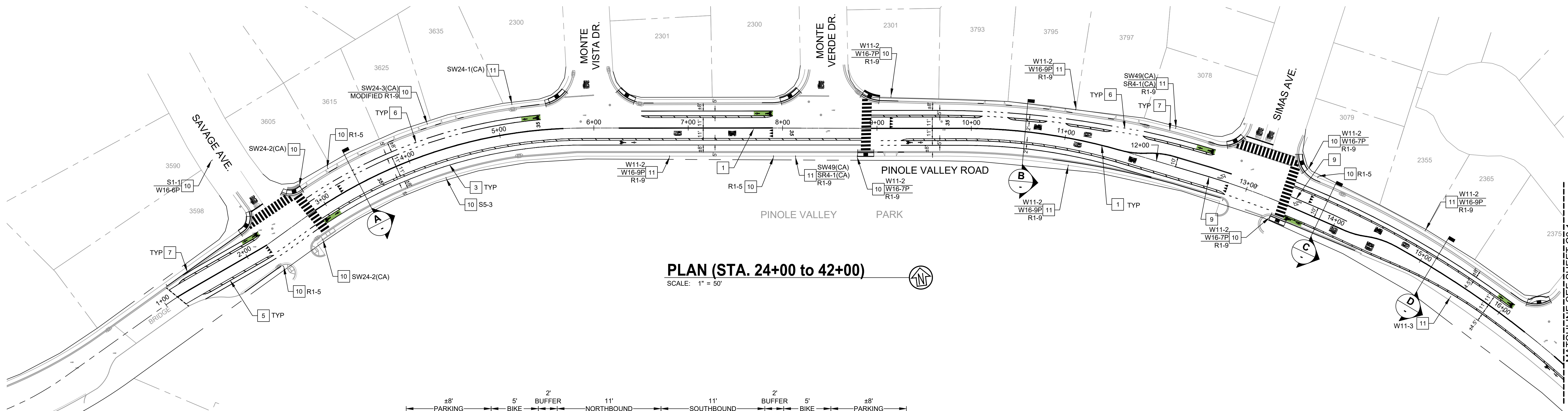


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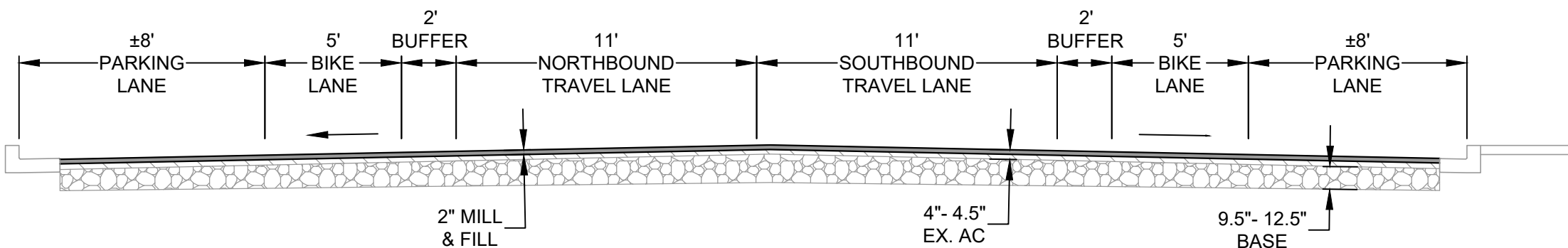
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Date:	06/02/2023
CSW Project #:	2030002.20
City Project No:	R01801

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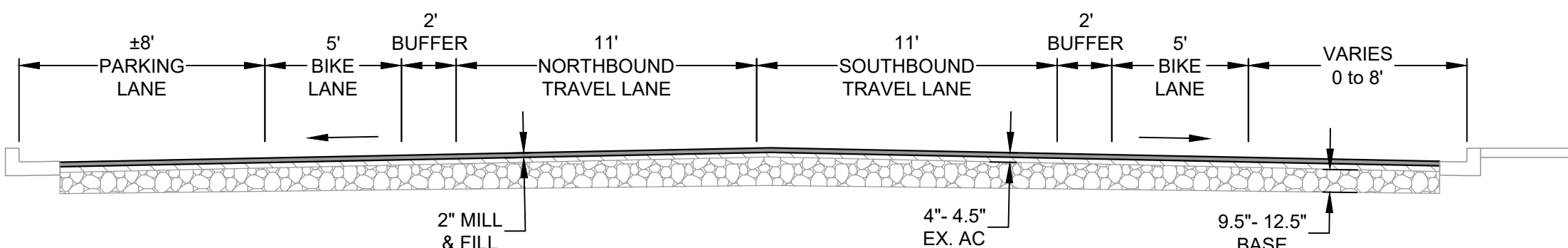
PLAN (STA. 24+00 to 42+00)

SCALE: 1" = 50'



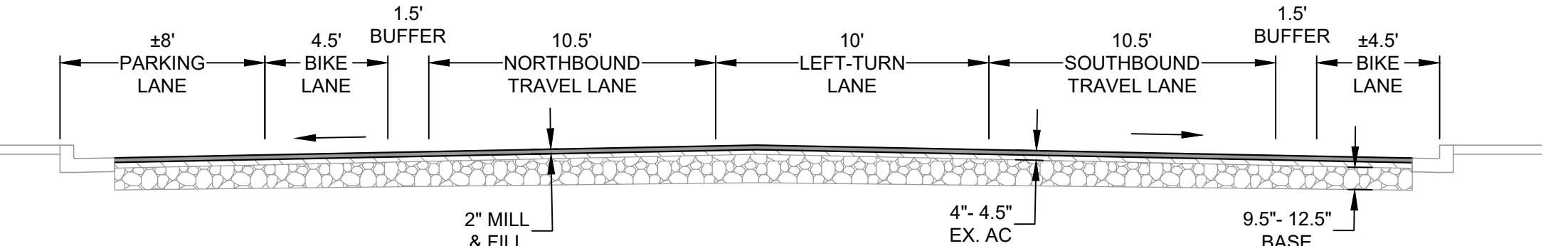
A STA. 1+15 to 10+55 SECTION

SCALE: 1" = 5'



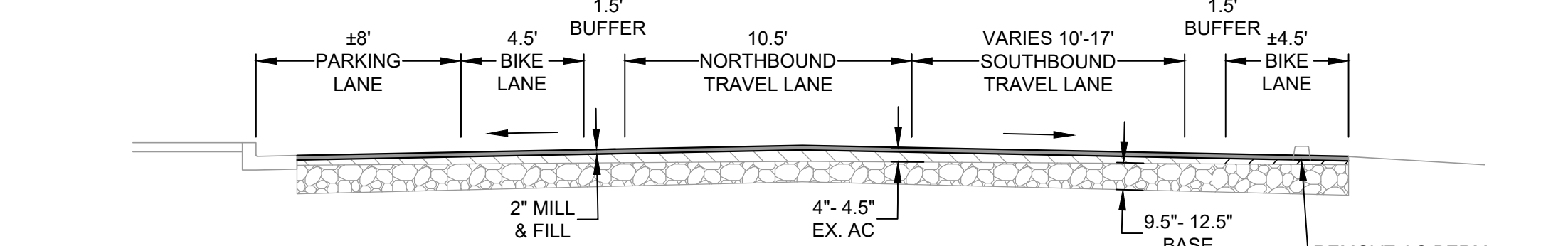
B STA. 10+55 to 11+67 SECTION

SCALE: 1" = 5'



C STA. 11+67 to 12+80 and 13+47 to 14+10 SECTION

SCALE: 1" = 5'



D STA. 14+10+90 to 15+50 SECTION

SCALE: 1" = 5'

PAVEMENT MARKINGS:

CALTRANS STD. PLAN A24A



CALTRANS STD. PLAN A24C

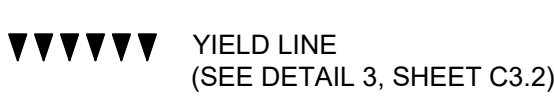


CALTRANS STD. PLAN A24D



RED CURB

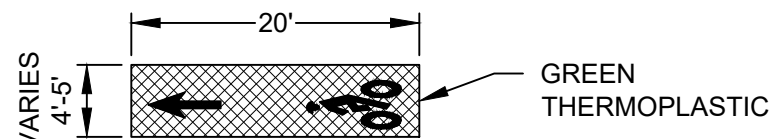
CALTRANS STD. PLAN A24E



CALTRANS STD. PLAN A24F



BIKE LANE SYMBOL WITH GREEN THERMOPLASTIC BACKING



STRIPING KEYNOTES

- | | | | |
|---|---|----|--|
| 1 | NO PASSING LINE PER DETAIL 21, CALTRANS STD. PLAN A20A | 8 | LANE LINE PER DETAIL 11, CALTRANS STD. PLAN A20A |
| 2 | NO PASSING LINE PER DETAIL 22, CALTRANS STD. PLAN A20A | 9 | CHANNELIZING LINE STRIPING PER DETAIL 38, CALTRANS STD. PLAN A20D |
| 3 | 6" WHITE BIKE LANE LINE STRIPING PER DETAIL 39, CALTRANS STD. PLAN A20D | 10 | NEW ROADSIDE SIGN (SEE PLAN SIGN DESIGNATION PER CAMUTCD, LATEST EDITION) PER DETAIL 7, SHEET C2.4 |
| 4 | 12" WIDE LIMIT LINE PER CALTRANS STD. PLAN A24E | 11 | REPLACE ROADSIDE SIGN AS INDICATED. PROTECT IN PLACE POST AND FOUNDATION. |
| 5 | BUFFER STRIPING PER DETAIL 1, SHEET C3.2 | | |
| 6 | BIKE LANE DRIVEWAY CROSSING PER DETAIL 2, SHEET C3.2 | | |
| 7 | PAINT CURB RED PER CITY STANDARDS | | |

Graphic Scale (in feet)



Rev	Date	Description	Designed	Drawn	Checked
-	08-21-23	BID SET	IP	RS	RS

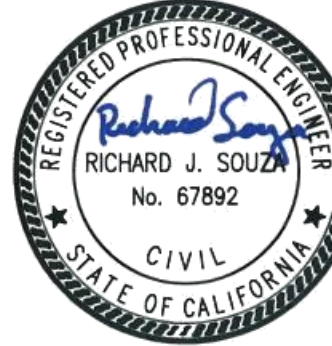
CSW | ST2
CSW/Stuber-Stroeh Engineering Group, Inc.
121 Park Place
Richmond, CA 94801
tel: 415.883.9850
fax: 415.883.9835
http://www.cswst2.com
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City Pinole
County Contra Costa
State California



PINOLE ARTERIAL REHABILITATION
SIGNING AND STRIPING
(STA 1+00 TO 16+90)
CITY OF PINOLE

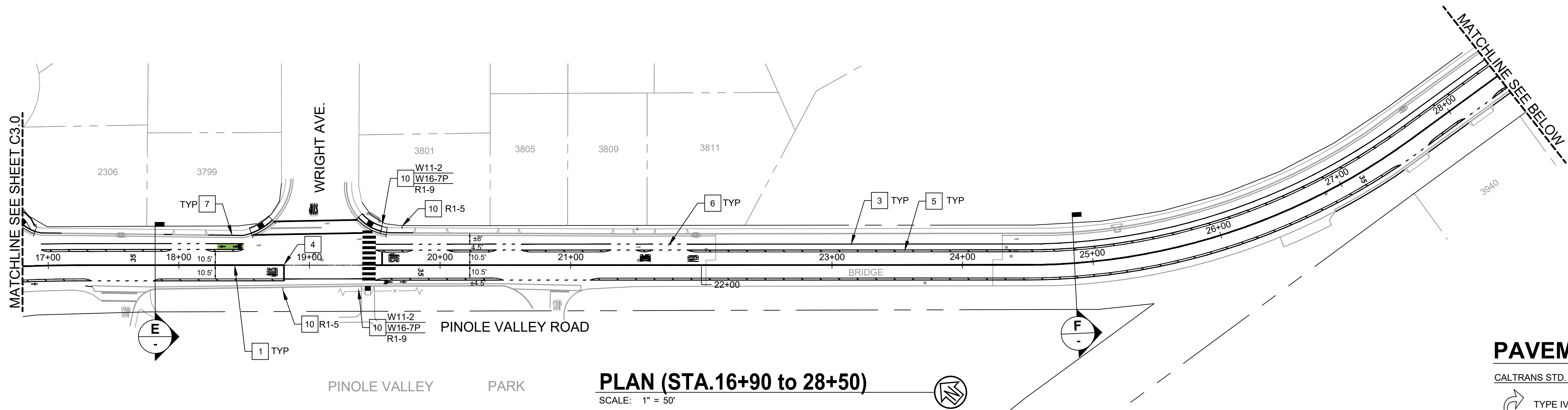
Prepared Under the Direction of:



Sheet

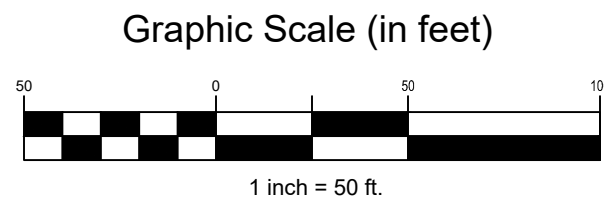
C3.0

Scale: 1" = 50'
Date: 06/02/2023
CSW Project #: 2030002.20
City Project No: R01801



PLAN (STA.16+90 to 28+50)

SCALE: 1" = 50'



PAVEMENT MARKINGS:

CALTRANS STD. PLAN A24A



CALTRANS STD. PLAN A24C

35



SHARED ROADWAY
BICYCLE MARKING

CALTRANS STD. PLAN A24D



RED CURB

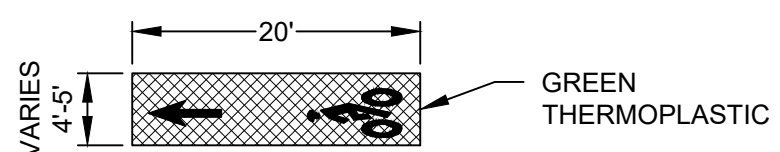
CALTRANS STD. PLAN A24E

YIELD LINE
(SEE DETAIL 3, SHEET C3.2)

CALTRANS STD. PLAN A24F

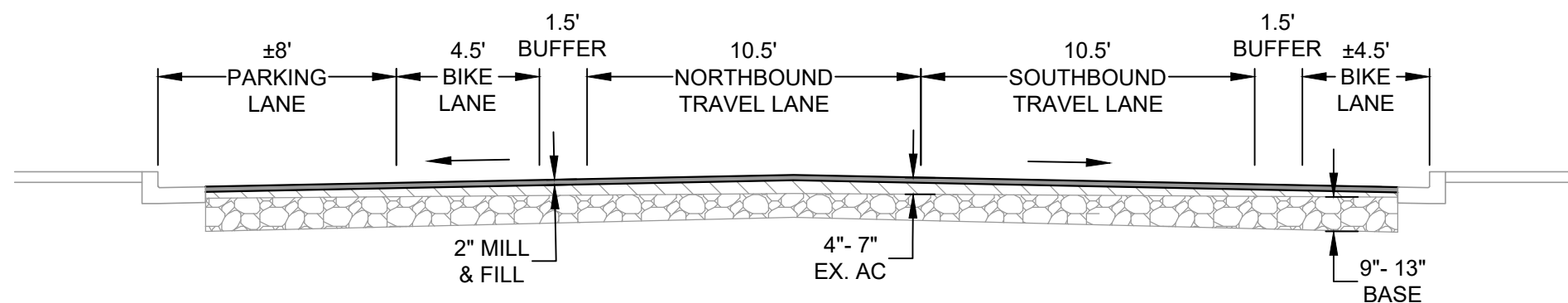
CONTINENTAL CROSSWALK
(WHITE UNLESS NOTED OTHERWISE)

BIKE LANE SYMBOL WITH GREEN THERMOPLASTIC BACKING



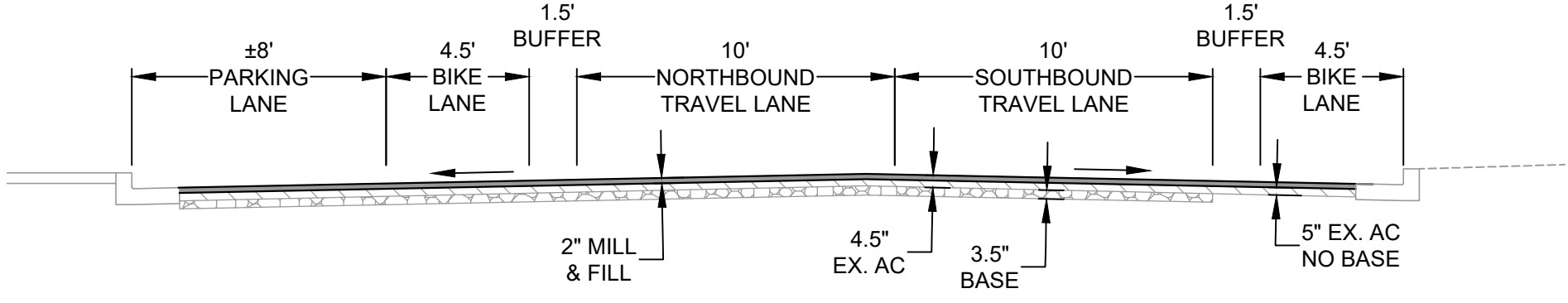
STRIPING KEYNOTES

- | | | | |
|---|---|----|--|
| 1 | NO PASSING LINE PER DETAIL 21, CALTRANS STD. PLAN A20A | 8 | LANE LINE PER DETAIL 11, CALTRANS STD. PLAN A20A |
| 2 | NO PASSING LINE PER DETAIL 22, CALTRANS STD. PLAN A20A | 9 | CHANNELIZING LINE STRIPING PER DETAIL 38, CALTRANS STD. PLAN A20D |
| 3 | 6" WHITE BIKE LANE LINE STRIPING PER DETAIL 39, CALTRANS STD. PLAN A20D | 10 | NEW ROADSIDE SIGN (SEE PLAN SIGN DESIGNATION PER CAMUTCD, LATEST EDITION) PER DETAIL 7, SHEET C2.4 |
| 4 | 12" WIDE LIMIT LINE PER CALTRANS STD. PLAN A24E | 11 | REPLACE ROADSIDE SIGN AS INDICATED. PROTECT IN PLACE POST AND FOUNDATION. |
| 5 | BUFFER STRIPING PER DETAIL 1, SHEET C3.2 | 12 | REMOVE AND DISPOSE POST, FOUNDATION AND SIGN |
| 6 | BIKE LANE DRIVEWAY CROSSING PER DETAIL 2, SHEET C3.2 | | |
| 7 | PAINT CURB RED PER CITY STANDARDS | | |



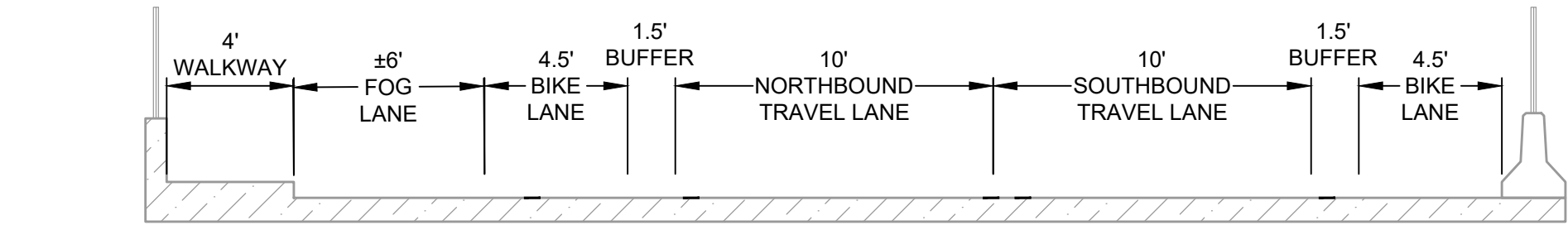
E STA. 15+50 to 22+03 SECTION

SCALE: 1" = 5'



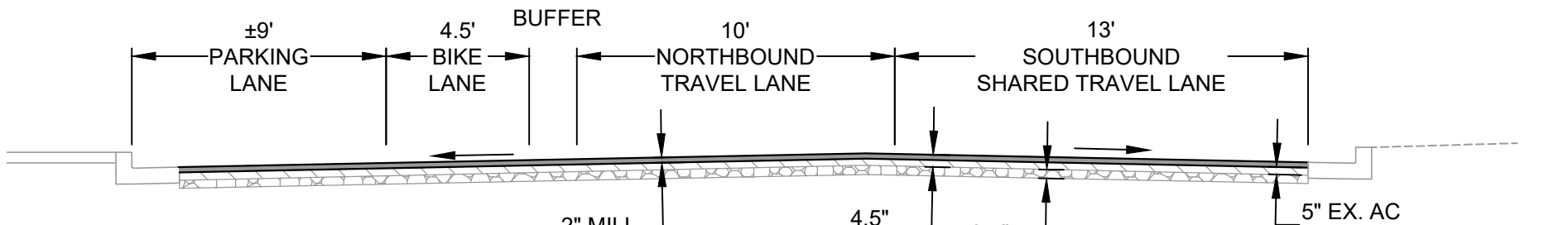
G STA. 24+23 to 42+00 SECTION

SCALE: 1" = 5'



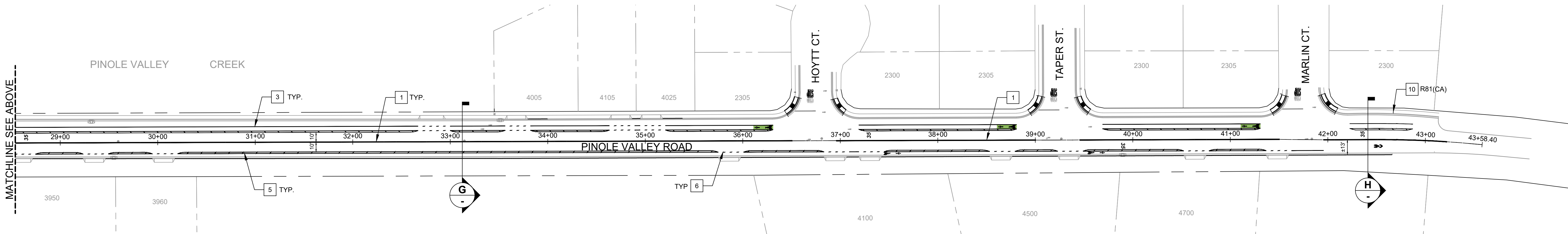
F STA. 22+03 to 24+23 BRIDGE SECTION

SCALE: 1" = 5'



H STA. 42+00 to 42+90 SECTION

SCALE: 1" = 5'



PLAN (STA. 28+50 to 43+58)

SCALE: 1" = 50'

Rev	Date	Description	Designed	Drawn	Checked
-	08-21-23	BID SET	IP	RS	RS

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City
Pinole
County
Contra Costa
State
California



PINOLE ARTERIAL REHABILITATION
SIGNING AND STRIPING
(STA 16+90 TO 43+58)
CITY OF PINOLE

Prepared Under the Direction of:



Sheet

C3.1

Scale: 1" = 50'
Date: 06/02/2023
CSW Project #: 2030002.20
City Project No: R01801



CSW ST 2

CSW/Stuber-Stroeh Engineering Group, Inc.


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Richmond, CA 94801

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Prepared Under the Direction of:



The seal is circular with a double-lined border. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF CALIFORNIA" at the bottom, separated by two stars. The center of the seal features a signature "Richard Souza" in blue ink. Below the signature, the name "RICHARD J. SOUZA" is printed in black, followed by the number "No. 67892" and the word "CIVIL" at the bottom.

Sheet	
C3.2	
Scale:	As Shown
Date:	06/02/2023
CSW Project #:	2030002.20
City Project No:	R01801