

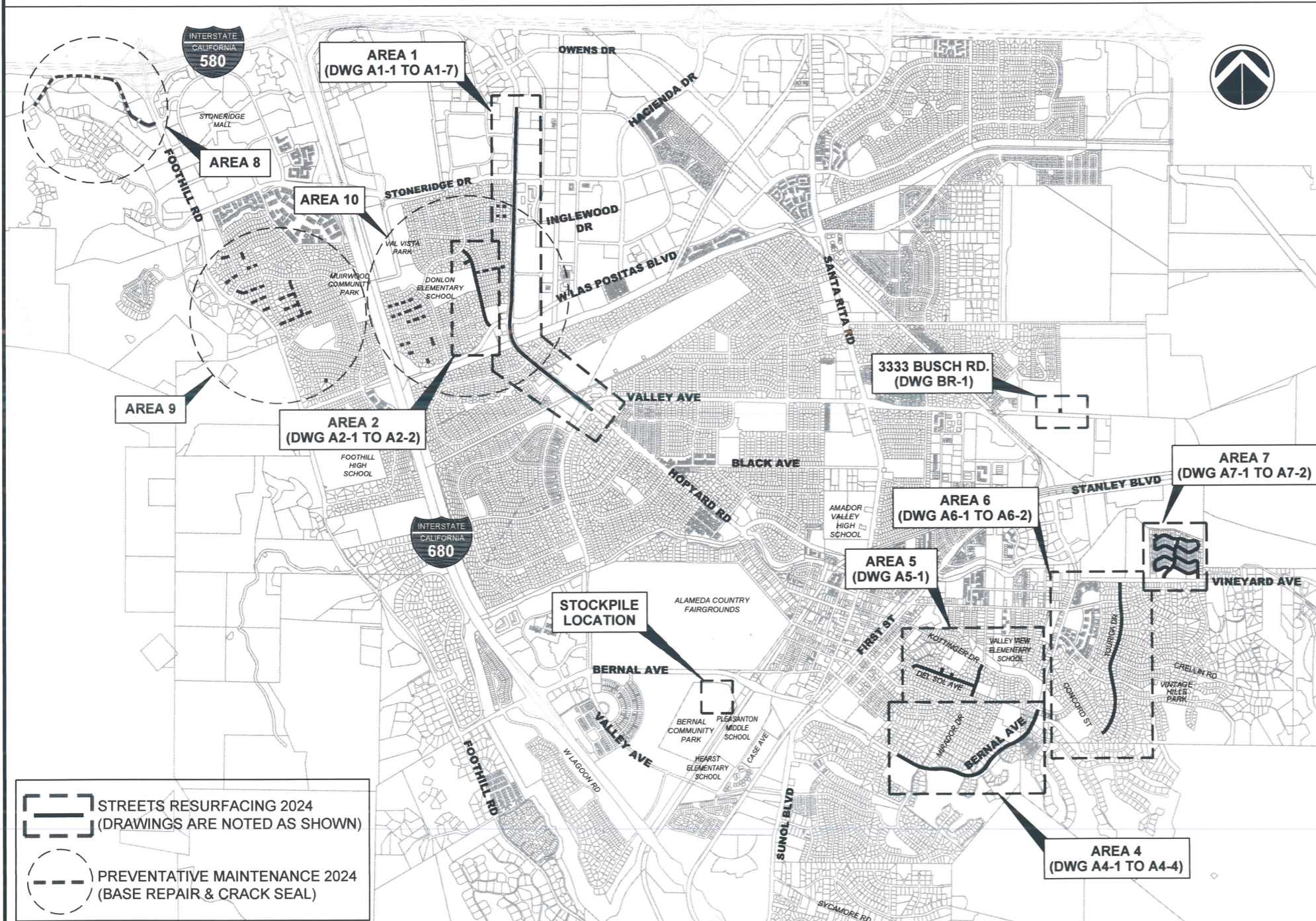
CITY OF PLEASANTON

PUBLIC WORKS DEPARTMENT

ANNUAL STREETS RESURFACING AND PREVENTATIVE MAINTENANCE PROJECT - CIP NO. 24503

FEBRUARY 2024

LOCATION MAP



SHEET INDEX

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29	BR-1	3333 BUSCH ROAD ACCESS ROAD IMPROVEMENTS



Adam M. Nelkie
ADAM M. NELKIE, CITY ENGINEER

REV.	DATE	DESCRIPTION		THE CITY OF CITY OF PLEASANTON Department of Engineering	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE TITLE SHEET, LOCATION MAP AND SHEET INDEX	DESIGN: HH DRAWN: SN CHECKED: AN TRAFFIC ENGINEER: MT	SCALE: NTS PROJECT NO.: CIP-24503 DATE: FEB 14, 2024	DWG NO. G-1 1 OF 29
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GENERAL NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS AND ORDINANCES OF THE CITY OF PLEASANTON. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE AT THE PUBLIC WORK DEPARTMENT, ENGINEERING DIVISION.
- THE ENGINEERING DEPARTMENT (925-931-5650) SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.
- THE OFFICE OF PUBLIC WORKS INSPECTION (925-931-5690) SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 800-642-2444. ANY ADDED COST ON THE PART OF THE CONTRACTOR AS A RESULT OF THE ACTUAL LOCATION OF EXISTING UTILITIES BEING DIFFERENT FROM THOSE SHOWN ON THE PLANS SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT UNIT PRICE.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
- CONTRACTOR SHALL PROVIDE TRAFFIC AND PEDESTRIAN CONTROL INCLUDING FLAG PERSONS PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO THE START OF WORK.
- 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.
- SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS. THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
- ALL STRIPING AND PAVEMENT LEGENDS INCLUDING ARROWS SHALL BE WHITE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED ON THESE PLANS OR DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL NOTIFY ALL TRANSPORTATION COMPANIES, GARBAGE SERVICE, AND POST OFFICE OF PAVING SCHEDULE TO ALLOW COORDINATION. POST OFFICE (925-846-5631), GARBAGE SERVICE (925-846-2042), LAVTA (925-455-7500).
- THE CONTRACTOR SHALL PREPARE AND DISTRIBUTE A "GOOD NEIGHBOR LETTER" ADVISING EACH RESIDENCE & BUSINESS 48 HOURS PRIOR TO BEGINNING THE WORK.
- REFERENCE TO THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS MEANS THE MAY 2015 EDITIONS.
- CONTRACTOR SHALL REMOVE U.S.A. MARKING.
- BACKGROUND AERIAL (2022) PROVIDED ON THE PROJECT PLANS IS FOR INFORMATION PURPOSES ONLY.
- HAUL ROUTE: (AS APPROVED BY THE PROJECT ENGINEER).
- AREA 1, AND 2: I-580 TO HOPYARD ROAD TO SITES.
- AREA 3: I-680 TO SUNOL BLVD. SITES.
- AREA 4, 5, 6 AND 7: I-680 TO SUNOL BLVD. TO SITE OR STANLEY BLVD. TO BERNAL AVE. TO SITE.
- 3333 BUSCH ROAD: I-580 TO SANTA RITA RD. TO SITES.
- ISOLATED PAVEMENT REPAIR/BASE REPAIR LOCATIONS TO BE MARKED IN THE FIELD, LENGTH AND WIDTH VARIES WITH A MINIMUM WIDTH OF 4 FEET.
- AC LEVELING LOCATIONS / PROFILING LOCATIONS TO BE MARKED IN THE FIELD.
- ASPHALT CONCRETE SHALL BE TYPE A UNLESS NOTED OTHERWISE.
- PAVING FABRIC REMOVAL & DISPOSAL WITHIN THE GRIND AREA AND FULL DEPTH HMA REPAIR LOCATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PAVING FABRIC, IF NEEDED, SHALL NOT BE PLACED IN GRIND AREAS.
- ALL ROAD MEASUREMENTS ARE TAKEN FROM FACE OF CURB TO FACE OF CURB.
- PROTECT EXISTING STRIPING AND TRACK OUT MARKINGS SHALL BE REMOVED FROM ALL EXISTING STRIPING TO THE SATISFACTION OF ENGINEER OR RE-STRIPED.
- NO STAGING OF TRUCKS ON RESIDENTIAL STREETS OUTSIDE PROJECT LIMITS.
- CONCRETE IMPROVEMENTS TO BE COMPLETED BY OTHERS UNDER SEPARATE PROJECT.

LEGEND & SYMBOL

- DRAINAGE INLET
- LAMPHOLE
- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- PAC BELL MANHOLE
- MONUMENT
- WATER VALVE
- FIRE HYDRANT
- FIRE HYDRANT MARKER
- DETECTOR HANDHOLE
- TYPE D TRAFFIC LOOP
- TYPE A TRAFFIC LOOP
- YIELD LINE
- BIKE LANE SYMBOL & LEGEND
- CORING LOCATION
- LIMITS OF WORK/CONFORM BOUNDARY
- RIGHT OF WAY BOUNDARY
- CELTIC GREEN COLOR BICYCLE LANES
- HMA OVERLAY
- HMA OVERLAY WITH FABRIC
- COLD-IN-PLACE RECYCLE (C.I.R) AND HMA OVERLAY
- MILL/COLD-PLANE AND OVERLAY
- MILL AND FILL

ABBREVIATIONS

- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- AVE AVENUE
- BLVD BOULEVARD
- BO BLOW OFF
- CONC CONCRETE
- C&G CURB & GUTTER
- CI CURB INLET
- CIR CIRCLE
- CL CENTERLINE
- CT COURT
- DET DETAIL
- DR DRIVE
- DW DRIVEWAY
- DWG DRAWING
- EA EACH
- EL ELEVATION
- ELEC ELECTRICAL
- E/P EDGE OF PAVEMENT
- EX EXISTING
- FC FACE OF CURB
- FH FIRE HYDRANT
- F/L FLOW LINE
- FT FEET
- G/B GRADE BREAK
- GND GROUND
- HMA HOT MIX ASPHALT
- LB POUND
- LF LINEAR FEET
- MH MANHOLE
- MIN MINIMUM
- MON MONUMENT
- NO NUMBER
- NTS NOT TO SCALE
- OL OVERLAY
- PCC PORTLAND CEMENT CONCRETE
- PH POTHOLE
- PL PROPERTY LINE
- PMT PAVEMENT
- PROP. PROPOSED
- REQ'D REQUIRED
- R/W RIGHT OF WAY
- SHT SHEET
- SF SQUARE FEET
- ST STREET
- STA STATION
- SW SIDEWALK
- TYP. TYPICAL
- W/ WITH
- W/C WEDGE CUT

ASPHALT CONCRETE CORE DATA			
HOPYARD ROAD			
No.	STATION	AC Thickness (inch)	Note
C-1	6+90	7.5"	N/B, 6FT FROM GUTTER
C-2	6+90	10" (2"/FAB/2.5/5.5)	N/B, 4FT FROM MEDIAN CURB
C-3	7+10	7" (2"/5")	S/B, 5.5FT FROM GUTTER
C-4	22+90	8" (2"/FAB/2.5"/3.5")	N/B, 7 FT FROM GUTTER
C-5	23+10	5.5" (1.75/1.25/2.5)	S/B, 8FT FROM GUTTER
C-6	50+90	7" (2"/FAB/5")	N/B, 10 FT FROM GUTTER
C-7	50+90	9" (2"/FAB/7")	N/B, 4 FT FROM MEDIAN CURB
C-8	52+00	10.5" (2"/FAB/4.5"/4")	S/B, 8 FT FROM GUTTER
C-9	79+50	7" (2"/5")	N/B, 8 FT FROM GUTTER
C-10	79+50	7" (2"/5.5")	N/B, 4 FT FROM MEDIAN CURB
C-11	78+50	6"	S/B, 8FT FROM GUTTER
DORMAN ROAD			
C-12	2+25	5.75"	S/B, 2 FT FROM GUTTER
C-13	2+25	7" (2"/FAB/5")	S/B, 8FT FROM GUTTER
C-14	14+10	6" (2.25"/FAB/3.25")	S/B, 2FT FROM GUTTER
C-15	14+20	8.5" (2.25"/FAB/1.5"/FAB/5")	N/B, 7 FT FROM GUTTER

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RESURFACING SCHEDULE AND QUANTITIES

STREET NAME	BEGIN LOCATION	END LOCATION	AREA (SF)	TREATMENT	HMA THICKNESS (FT)	HMA (TON)	6FT WEDGE-CUT (LF)	15FT WEDGE-CUT (LF)	4" PAVEMENT REPAIR (SF)	PAVING MAT (SQ. YD)	CIR (SF)	COLD PLANE/MILLING -d<3" (SF)	COLD PLANE/MILLING -d>3" (SF)	MH (EA)	MON (EA)	WV, RWV, DHH, CP, CO AND LH (EA)	FHM (EA)	A LOOP (EA)	D LOOP (EA)	SPEED LUMP (EA)
AREA 1																				
HOPYARD ROAD	STA 0+00	STA 82+98	850,484	CIR/OL	0.15	9,951			15,000		834,255	16485		57	11	86	15	78	65	
AREA 2																				
DORMAN ROAD	STA 0+00	STA 20+05	79,490	CIR/OL	0.15	930			600		74250	79,490		20	12	23	7	2	1	
DANA COURT	DORMAN ROAD	END	7,000	MIII/FIII	0.15	82			7,000			7000		1	1	2				
AREA 3																				
(INTENTIONALLY LEFT BLANK)																				
AREA 4																				
BERNAL AVENUE	WINDMILL WAY (STA 0+00)	KOTTINGER DRIVE (STA 43+00)	232,000	MIII/OL	0.17	3,076	0	0	27,000	0		232,000		32	13	32	5	3	3	
AREA 5																				
DEL SOL AVENUE	ENTRADA DRIVE	MIRADOR DRIVE	54,669	OL	0.15	640	3,315	32	4,450	0				5	6	16	5			
MIRADOR DRIVE	N/O BONITA AVENUE	KOTTINGER DRIVE	29,452	OL	0.17	391	1,516	115	5,200	0				3	4	5	1			
BARARA COURT	DEL SOL AVENUE	END	4,650	MIII/FIII	0.25	91	0	0	600	0		4,650		1	1	3				
CROCE COURT	DEL SOL AVENUE	END	5,366	OL	0.15	63	306	30	300	0				1	1	3				
AREA 6																				
TOURIGA DRIVE	VINEYARD AVENUE	CONCORD STREET	152,580	OL/F	0.15	1,785	7,740	150	37,500	3935				28	20	24	8			4
AREA 7																				
GRAPEVINE DRIVE	VINEYARD AVENUE	LIBERTY DRIVE (N)	43,700	OL/F	0.15	511	1,925	96	3850	1,125				9	16	15	2			
TIOGA COURT	BADGER DRIVE	END	5,800	OL	0.15	68	235	0	0	0				2	1	0	0			
HALF DOME DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE	36,380	OL/F	0.15	426	2250	0	4750	950				8	9	4	2			
WHITNEY DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE	20,312	OL/F	0.15	238	1280	0	4250	400				5	4	3	2			
BAGGER DR.	GRAPEVINE DRIVE	GRAPEVINE DRIVE	43,890	OL/F	0.15	514	2555	0	6675	1030				13	13	5	2			
LIBERTY DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE	41,660	OL/F	0.15	487	2470	0	500	985				9	12	11	1			
EL CAPITAN DRIVE	GRAPEVINE DRIVE	VINEYARD AVENUE	35,030	OL/F	0.15	410	2025	64	2950	835				6	7	7	2	1	1	
TOTAL			1,642,463			19,661	25,617	487	120,625	9,260	908,505	334,975	4,650	200	131	239	52	84	70	4

PREVENTATIVE MAINTENANCE SCHEDULE ()**

STREET NAME	BEGIN LOCATION	END LOCATION	Pavement Repair (sq.ft.)
Area 8			
DUBLIN CANYON RD	FOOTHILL RD	LAUREL CREEK DR	12,500
Area 9			
MEADOWBROOK CT	FOREST HILL DR	END	100
KENTWOOD WAY	MUIRWOOD DR	FOREST HILL DR	2,500
PERRY LN	FOREST HILL DR	END	1,500
PALMDALE CT	HILLCREST WAY	END	850
HILLCREST WAY	MUIRWOOD DR	FLAGSTONE DR	3,200
FAIRBROOK CT	HILLCREST WAY	END	550
DESERTWOOD PL	DESERTWOOD LN	END	550
DESERTWOOD LANE	LAKEWOOD ST	APPLEWOOD WAY	150
FLAGSTONE DR	DRYWOOD ST	FOREST HILL DR	3,150
LAFAYETTE CT	FOREST HILL DR	END	580
MIDVALE CT	FAIROAKS DR	END	1,250
FAIROAKS CT	PLEASANT HILL RD	END	1,250
STONEHURST CT	PLEASANT HILL RD	END	1,300
Area 10			
ROBIN CT	DORMAN RD	END	5,000
ASHLEY CT	ADDISON WAY	END	3,100
AUDREY CT	ADDISON WAY	END	2,850
SINGLETREE CT	HOLLAND	END	2,600
MELODY CT	HOLLAND	END	4,750
MENLO CT	HOLLAND	END	2,150
ADORE CT	HOLLAND	END	2,250
HEATH CT	HOLLAND	END	110
TAFFY CT	HOLLAND	END	0
GARLAND CT	HOLLAND	END	2,900
BROOKS CT	HOLLAND	END	850
ECHO CT	SINGLETREE WAY	END	130
Est. Total			56,120

NOTE:
 (**): PREVENTATIVE MAINTENANCE INCLUDE 4" BASEMENT REPAIR AND CRACKSEAL (8,000 Lbs). ONLY ESTIMATED PAVEMENT REPAIR QUANTITY SHOWN. ACTUAL REPAIR LOCATIONS TO BE MARKED AND MEASURED IN THE FIELD.

STRIPING SCHEDULE AND QUANTITIES

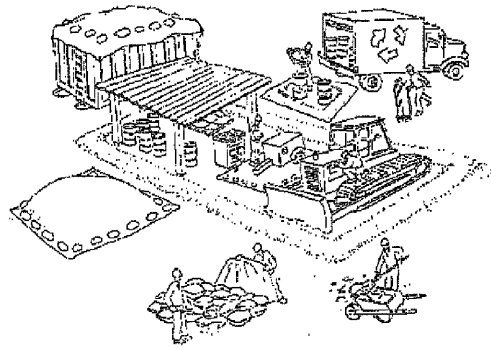
STREET NAME	BEGIN LOCATION	END LOCATION	"STOP" LEGEND (EA)	"STOP AHEAD" "SIGNAL AHEAD" LEGEND (EA)	"KEEP CLEAR" "PED XING" LEGEND (EA)	"SLOW SCHOOL XING" LEGEND (EA)	YIELD MARKING SYMBOL (LF)	"YIELD" LEGEND (EA)	"40, 45" LEGEND (EA)	GREEN BIKE LANE (SF)	BIKE LANE SYMBOL & ARROW LEGEND (EA)	4" WHITE/YELLOW (LF)	6" WHITE/YELLOW (LF)	8" WHITE/YELLOW (LF)	12" WHITE/YELLOW (LF)	12" WHITE/YELLOW & X-WALK (LF)	DET. 9 (LF)	DET.12 (LF)	DET. 22 (LF)	DET. 25 (LF)	DET. 29 (LF)	DET. 37B (LF)	DET. 38 (LF)	DET. 38A (LF)	DET. 39 (LF)	DET. 39A (LF)	DET. 40 (LF)	TYPE IV ARROW (EA)	TYPE VI ARROW (EA)	WHITE/YELLOW PAINT MEDIAN NOSE		
AREA 1																																
HOPYARD ROAD	STA 0+00	STA 82+98					90	1	20	9,389	26	352	90	100	4,938	220		27,275			4,670	114	5,330	4,048	2,025	15,177	4,317	1,661	88	2	414	
AREA 2																																
DORMAN ROAD	STA 0+00	STA 20+05	1		1	4									1,097	430			330				205									
DANA COURT	DORMAN ROAD	END													80																	
AREA 3																																
(INTENTIONALLY LEFT BLANK)																																
AREA 4																																
BERNAL AVENUE	WINDMILL WAY (STA 0+00)	KOTTINGER DRIVE (STA 43+00)	6	4	5					3,094	14	712			1288		480		730	3945	1315	115	1225	250	10639	1180		18	2			
AREA 5																																
DEL SOL AVENUE	ENTRADA DRIVE	MIRADOR DRIVE	1												26				60													
MIRADOR DRIVE	N/O BONITA AVENUE	KOTTINGER DRIVE	3												128				695													
BARARA COURT	DEL SOL AVENUE	END																														
CROCE COURT	DEL SOL AVENUE	END																														
AREA 6																																
TOURIGA DRIVE	VINEYARD AVENUE	CONCORD STREET	2												1,173				300													
AREA 7																																
GRAPEVINE DRIVE	VINEYARD AVENUE	LIBERTY DRIVE (N)	1												19				510		70										39	
TIOGA COURT	BADGER DRIVE	END																														
HALF DOME DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE																	650													
WHITNEY DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE																	235													
BAGGER DR.	GRAPEVINE DRIVE	GRAPEVINE DRIVE																	715													
LIBERTY DRIVE	GRAPEVINE DRIVE	GRAPEVINE DRIVE																	920													
EL CAPITAN DRIVE	GRAPEVINE DRIVE	VINEYARD AVENUE													90				570													
TOTAL			14	4	6	4	90	1	20	12,483	40	1064	90	100	7403	2086	480	27,275	5715	8615	1499	5445	5478	2,275	25816	5497	1661	106	4	453		

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Pollution Prevention - It's Part of the Plan

Make sure your crews and subs do the job right!

Runoff from streets and other paved areas are a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with the City of Pleasanton requirements. Contact the City of Pleasanton, Department of Engineering at (925) 931-5650, or for private onsite work, please contact the Building and Safety Division at (925) 931-5300.



Materials storage & spill cleanup Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- Comply with City Ordinance for recycling construction materials, wood, gyp board, pipe, etc.
- Contact Pleasanton Garbage Service at 925-846-2042 for both recycling and debris disposal.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain.
- Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or the Livermore/Pleasanton Fire Department at 925-454-2330.

Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site. See the approved erosion control plan for this site.

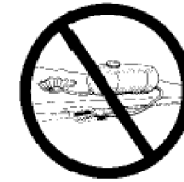


- ✓ Earth moving activities are only allowed during dry weather by permit and as approved by the City Inspector in the Field.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.

- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call Pleasanton/Livermore Fire Department at 925-454-2330 or the Regional Water Quality Control Board for help in determining what should be done, and manage disposal of contaminated soil according to their instructions.

Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call Pleasanton's storm drain source control inspector, Brian Lorimer, before discharging water to a street, gutter, or storm drain (925-931-5511). Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.



Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



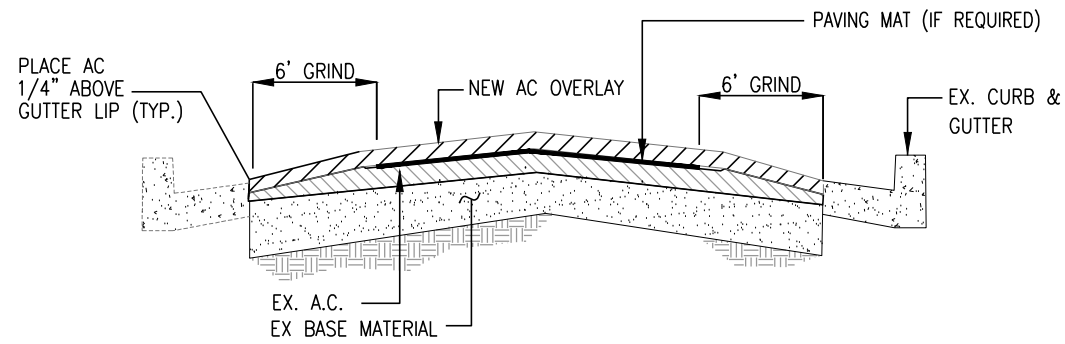
Storm drain polluters maybe liable for fines of \$10,000 or more per day!

Bay Area Stormwater Management Agencies Association (BASMAA)
1-888-BAYWISE

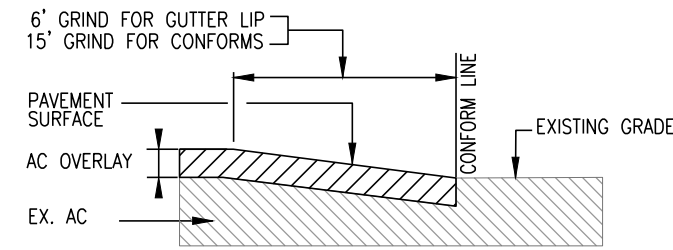
For more detailed information:
Get a copy of the "Field Manual" -- (510) 622-2465 or
www.abag.ca.gov/bayarea/sfep/reports/construction.html

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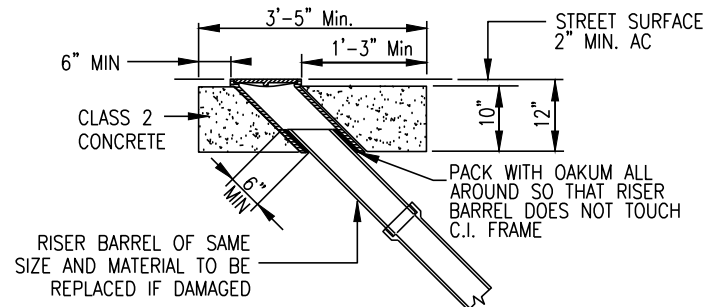
REV.	DATE	DESCRIPTION		CITY OF PLEASANTON Department of Engineering	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE POLLUTION PREVENTION PLAN	DESIGN: HH	SCALE: NTS	DWG NO. G-4 4 OF 29
							DRAWN: SN	PROJECT NO.: CIP-24503	



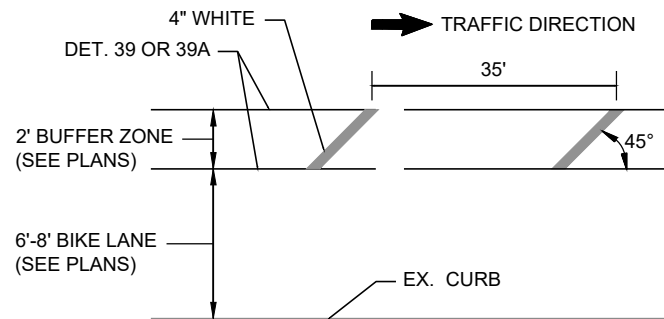
TYPICAL AC OVERLAY
NTS



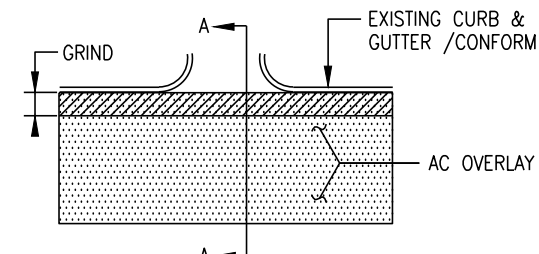
TYP. CONFORM DETAIL SECTION A-A
NTS



LAMP HOLE RAISING DETAIL
NTS

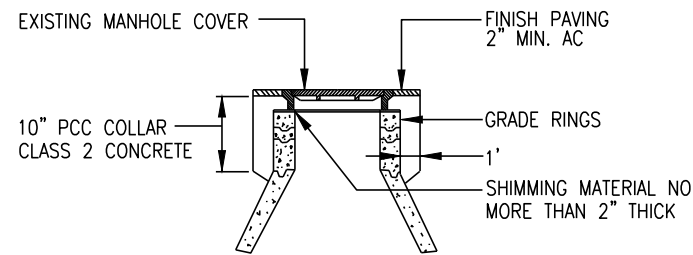


BIKE LANE BUFFER ZONE DETAIL
NTS

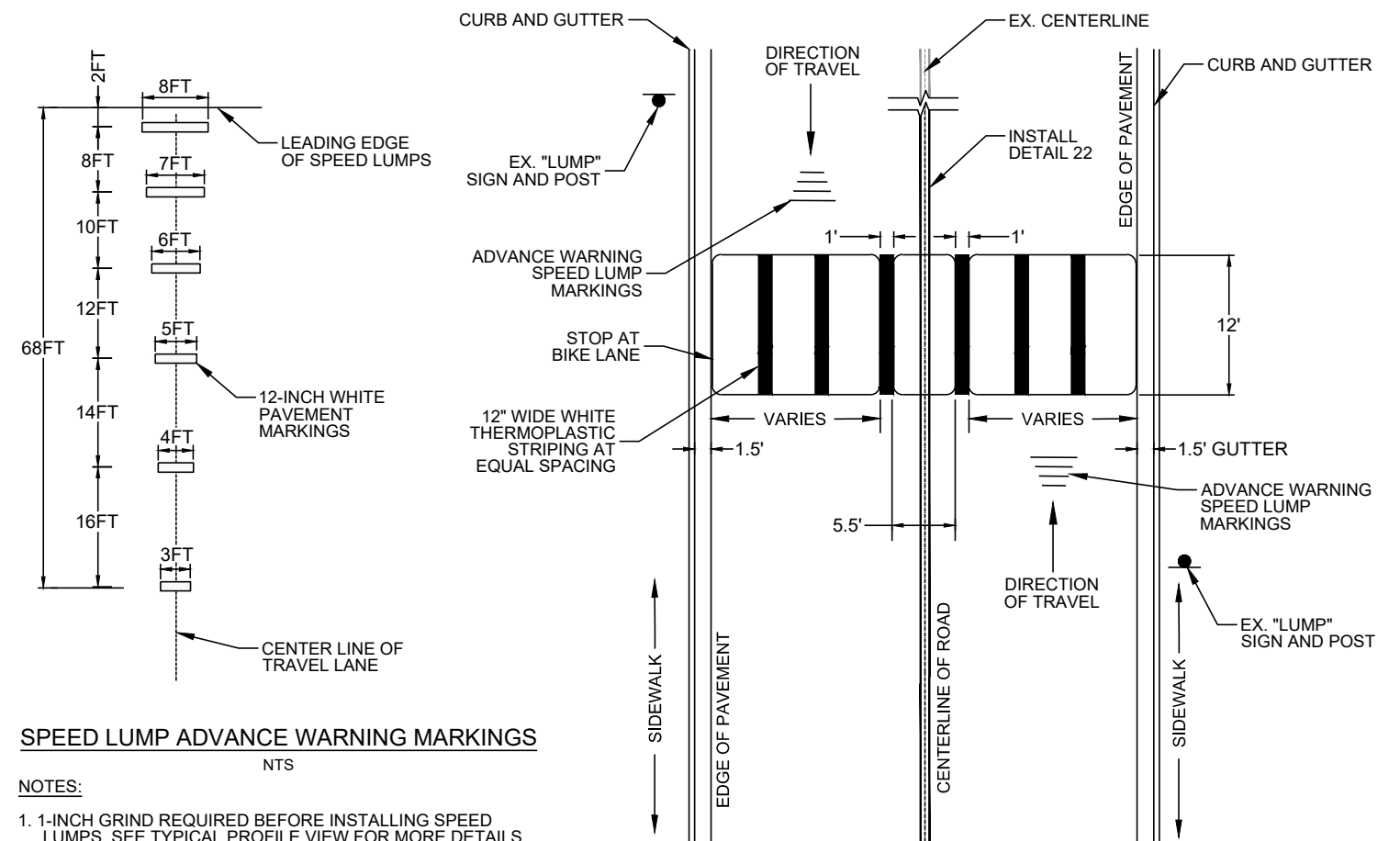


CONFORM DETAIL PLAN VIEW
NTS

NOTE:
REMOVE & REPLACE WITH NEW BOXES FOR ALL WATER VALVE & MONUMENTS. EXTENSIONS WILL NOT BE ALLOWED.



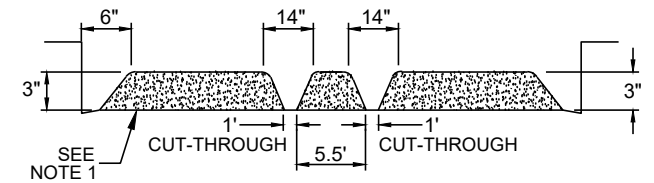
RAISING IRON DETAIL
NTS



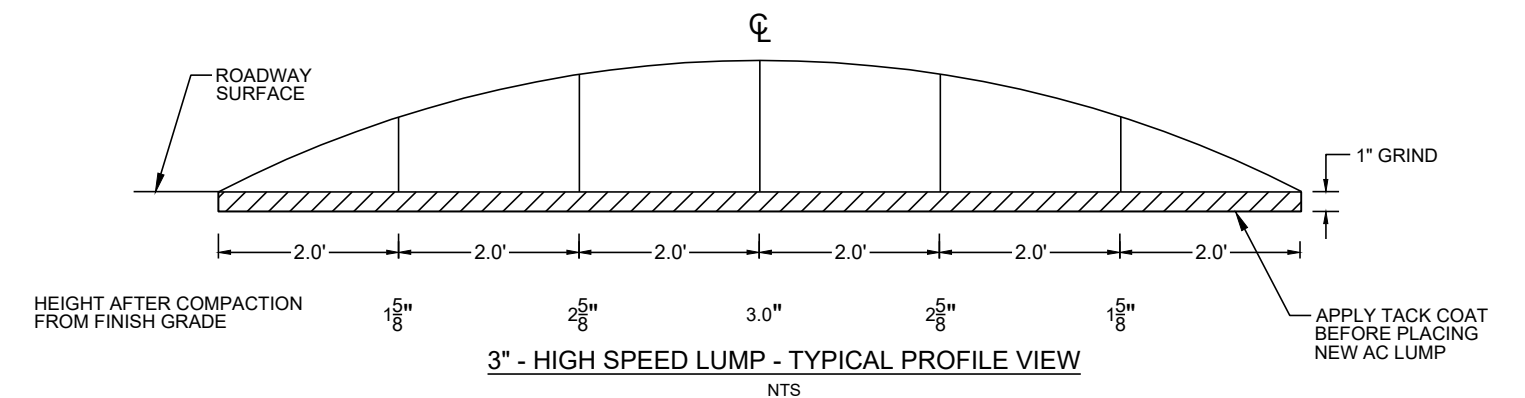
SPEED LUMP ADVANCE WARNING MARKINGS
NTS

- NOTES:**
1. 1-INCH GRIND REQUIRED BEFORE INSTALLING SPEED LUMPS. SEE TYPICAL PROFILE VIEW FOR MORE DETAILS.
 2. EX. "SPEED LUMP" SIGN AND POST SHALL BE MAINTAINED.

USER NOTE:
THESE DETAILS SHALL BE USED IN CONJUNCTION WITH ALL THE CITY STANDARD DETAILS AND SPECIFICATIONS. REFER TO THE CITY STANDARD SPECIFICATIONS FOR THE MATERIALS, INSTALLATION, TESTING, PROTECTIVE COATINGS, AND OTHER REQUIREMENTS.



CROSS SECTION VIEW
NTS



SPEED LUMP DETAILS
NTS

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REV.	DATE	DESCRIPTION

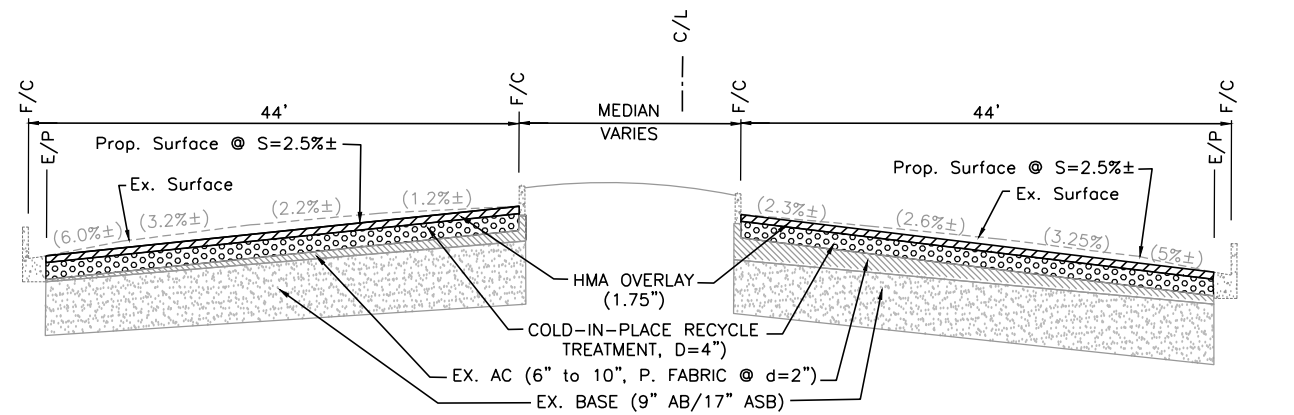


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Department of Engineering

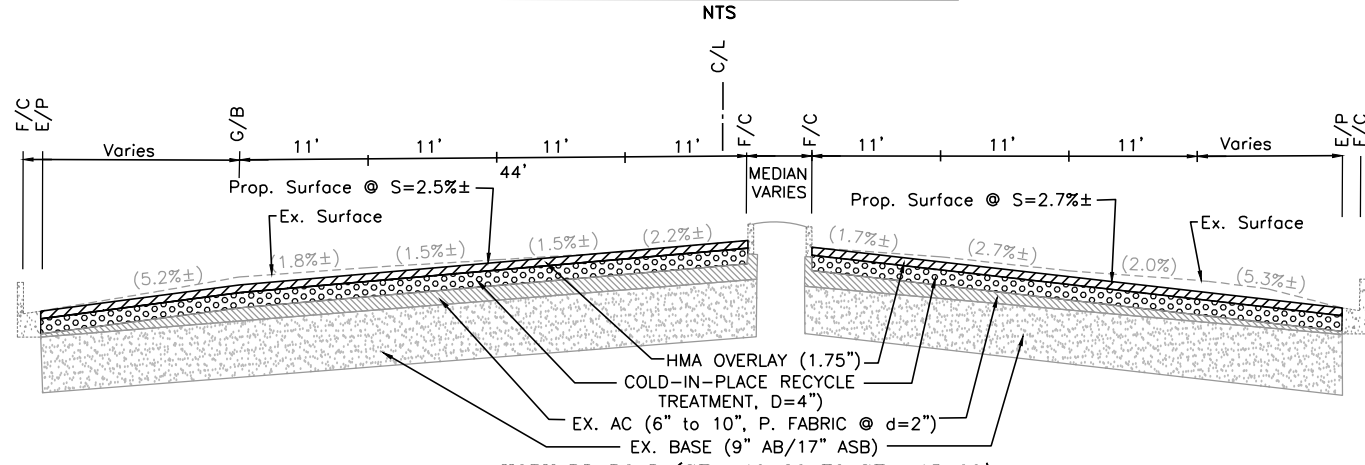
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
CONSTRUCTION DETAILS

DESIGN:	HH	SCALE:	NTS	DWG NO.	D-1
DRAWN:	SN	PROJECT NO.:	CIP-24503		
CHECKED:	AN	DATE:	FEB 14, 2024		
TRAFFIC ENGINEER:	MT				5 OF 29



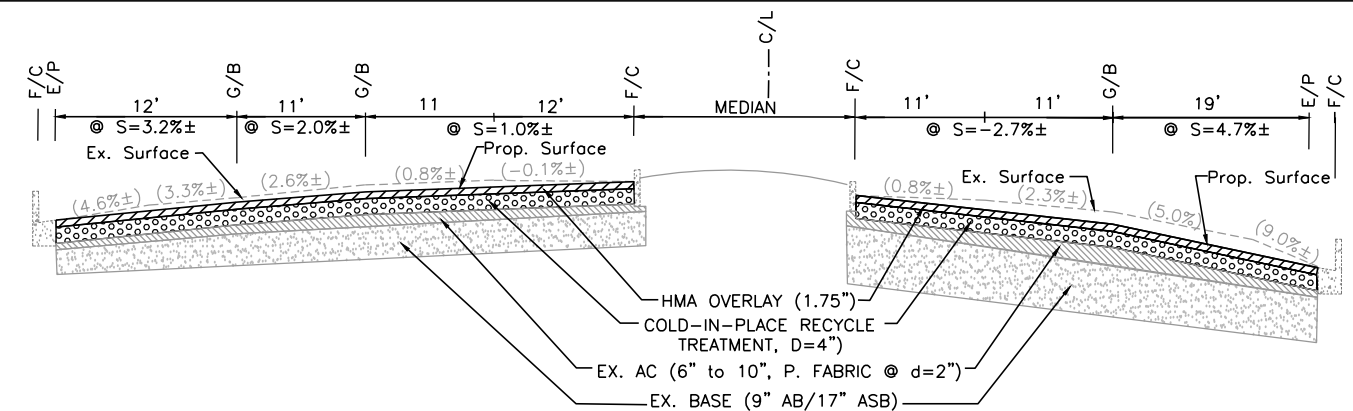
HOPYARD ROAD (STA. 0+00 TO STA. 10+90)



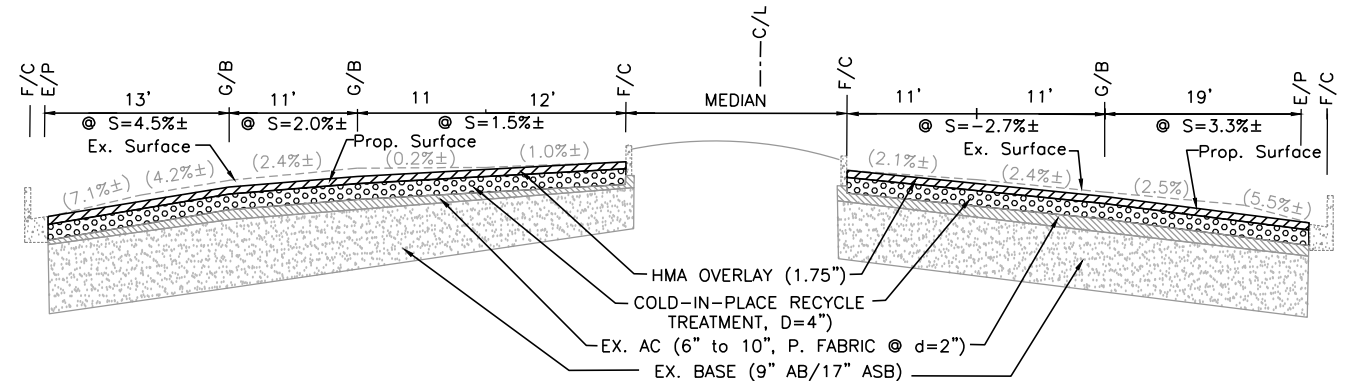
HOPYARD ROAD (STA. 10+90 TO STA. 15+00)

Notes:

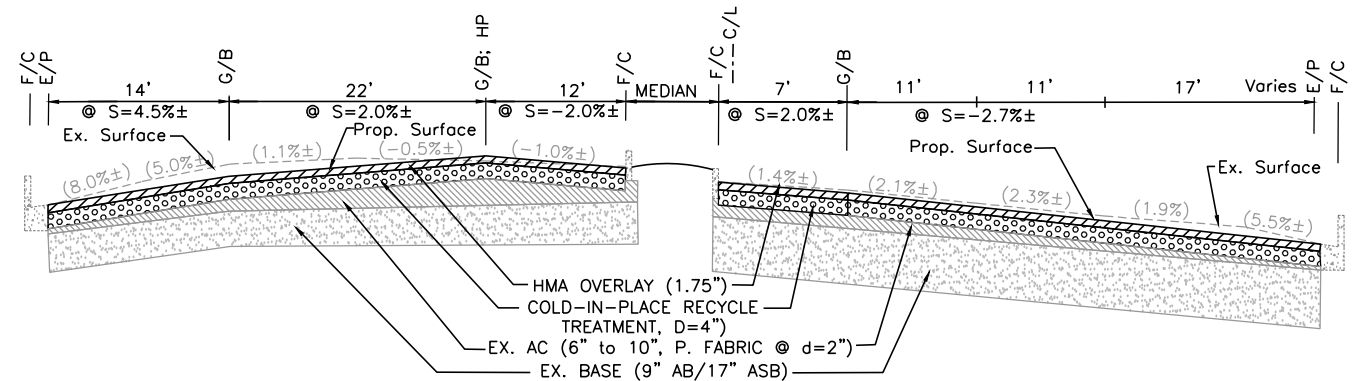
- Typ. Section only show thru traffic lanes. Turn lanes and intersections, are not shown.
- (XX%)= Traffic lane Ex. Average slope), typ.
- Maintained ex. curb reveal @ median or as shown on typ. section.



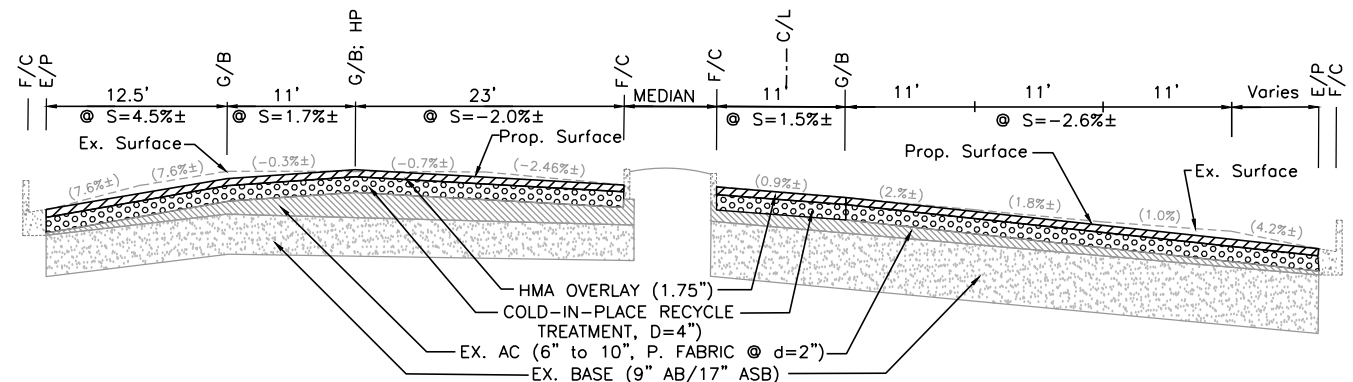
HOPYARD ROAD (STA. 15+75)



HOPYARD ROAD (STA. 16+75)



HOPYARD ROAD (STA. 17+75)



HOPYARD ROAD (STA. 18+75)

HOPYARD ROAD (STA. 15+00 TO STA. 19+25)* *S/B superelevation transition 100ft, typ. section provided above.

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REV.	DATE	DESCRIPTION



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Department of Engineering

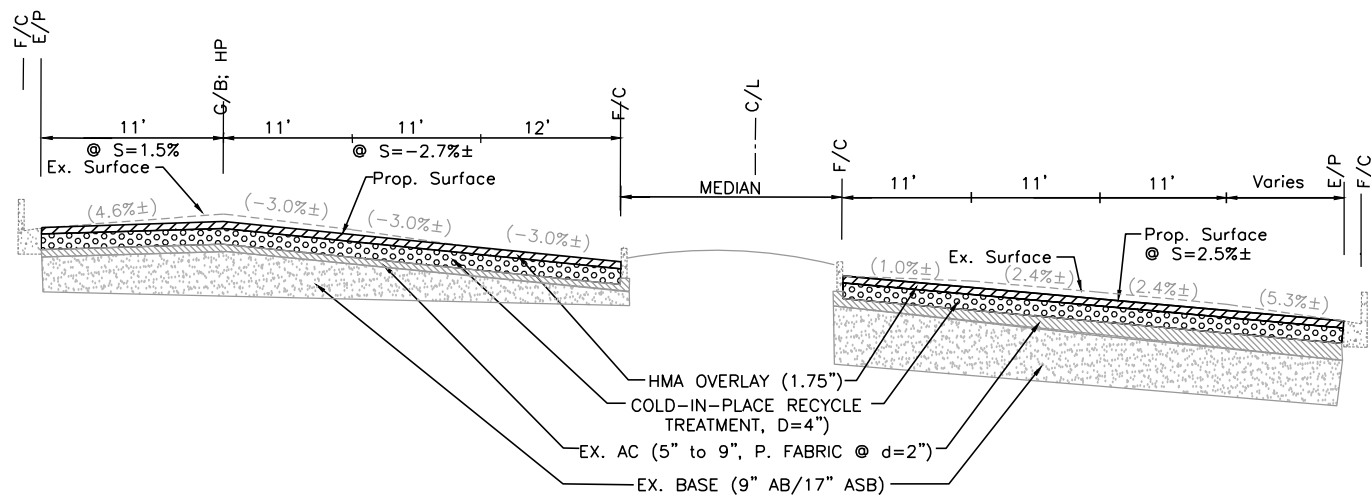
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE

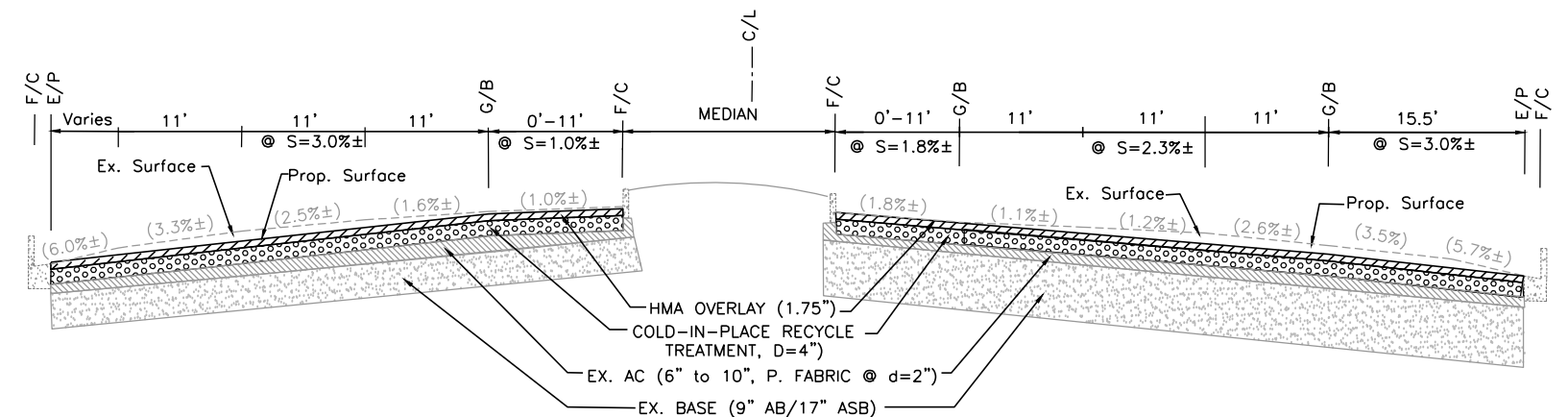
HOPYARD ROAD CROSS SECTIONS

DESIGN:	HH	SCALE:	NTS	DWG NO.
DRAWN:	SN	PROJECT NO.:	CIP-24503	D-2
CHECKED:	AN	DATE:	FEB 14, 2024	6 OF 29
TRAFFIC ENGINEER:	MT			

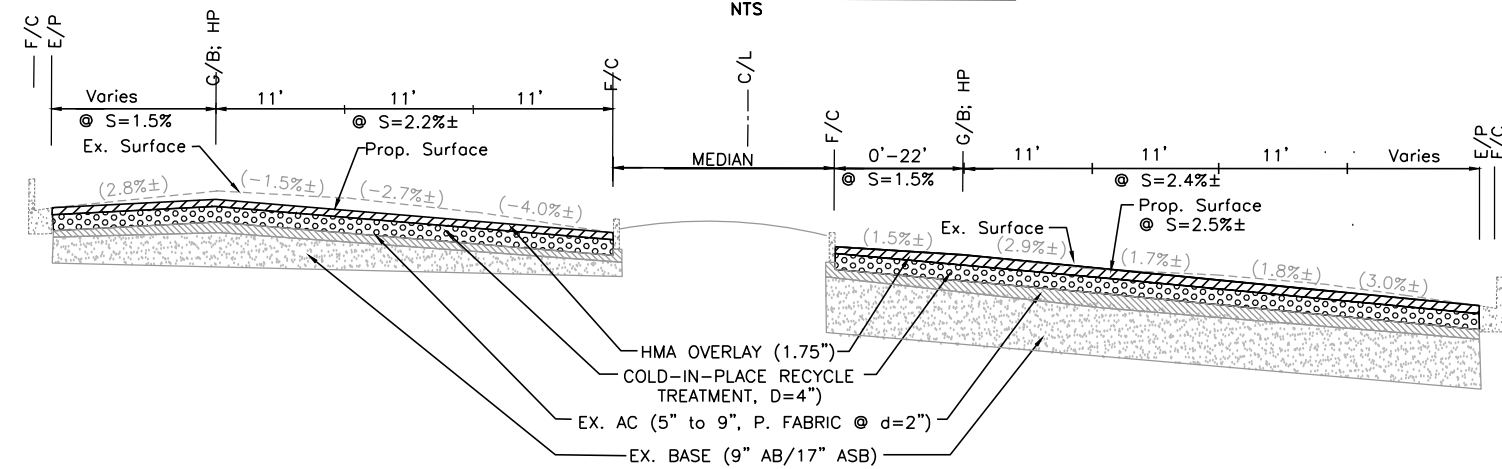
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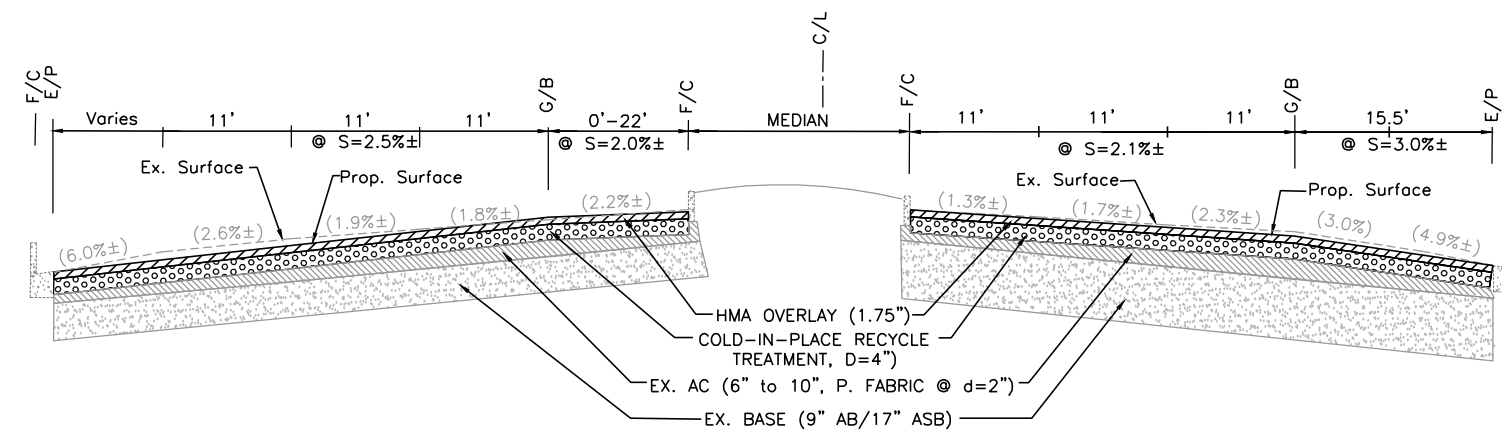
HOPYARD ROAD (STA. 19+25 to 24+50)
NTS



HOPYARD ROAD (STA. 42+52 to 53+42)
NTS



HOPYARD ROAD (STA. 24+50 to 29+10)
NTS



HOPYARD ROAD (STA. 30+10 to 42+52)
NTS

REV.	DATE	DESCRIPTION

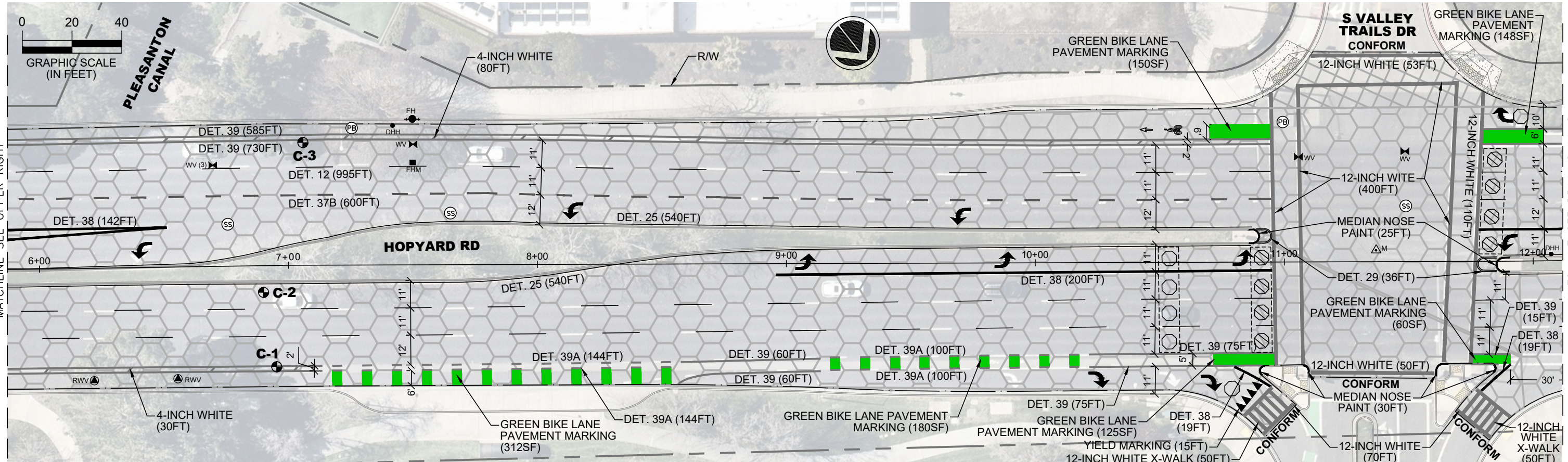
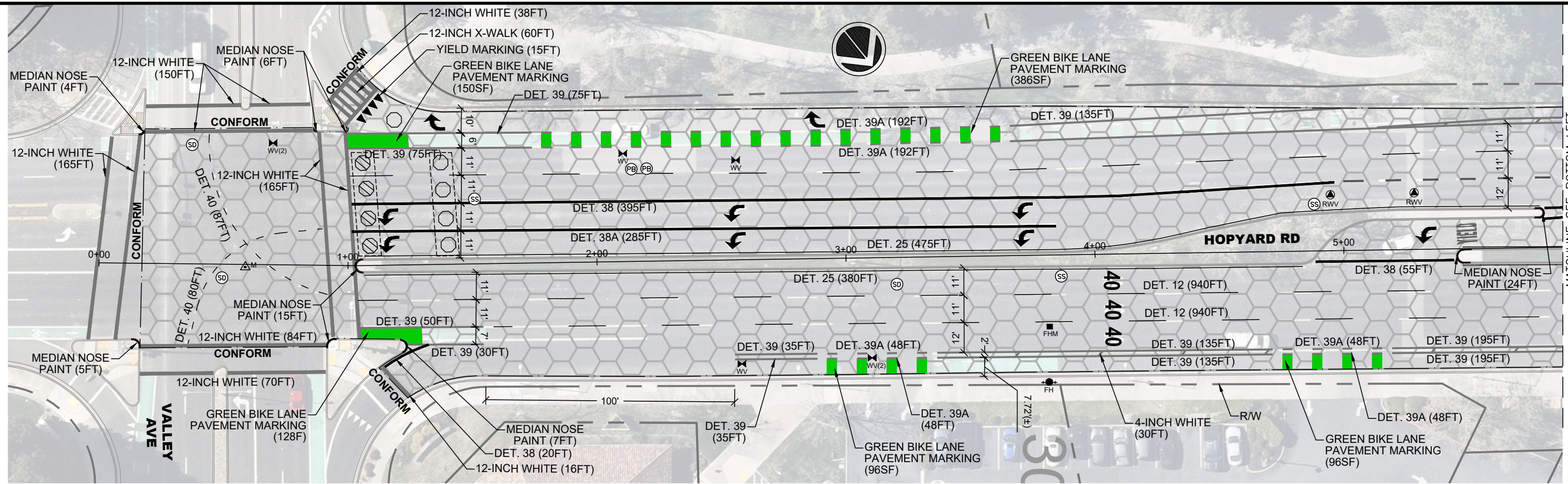


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NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
HOPYARD ROAD CROSS SECTIONS

DESIGN:	HH	SCALE:	NTS	DWG NO.	D-3 7 OF 29
DRAWN:	SN	PROJECT NO.:	CIP-24503		
CHECKED:	AN	DATE:	FEB 14, 2024		
TRAFFIC ENGINEER:	MT				



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MATCHLINE SEE BOTTOM LEFT

MATCHLINE SEE DRAWING A1-2

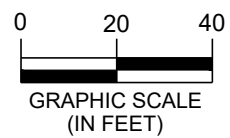
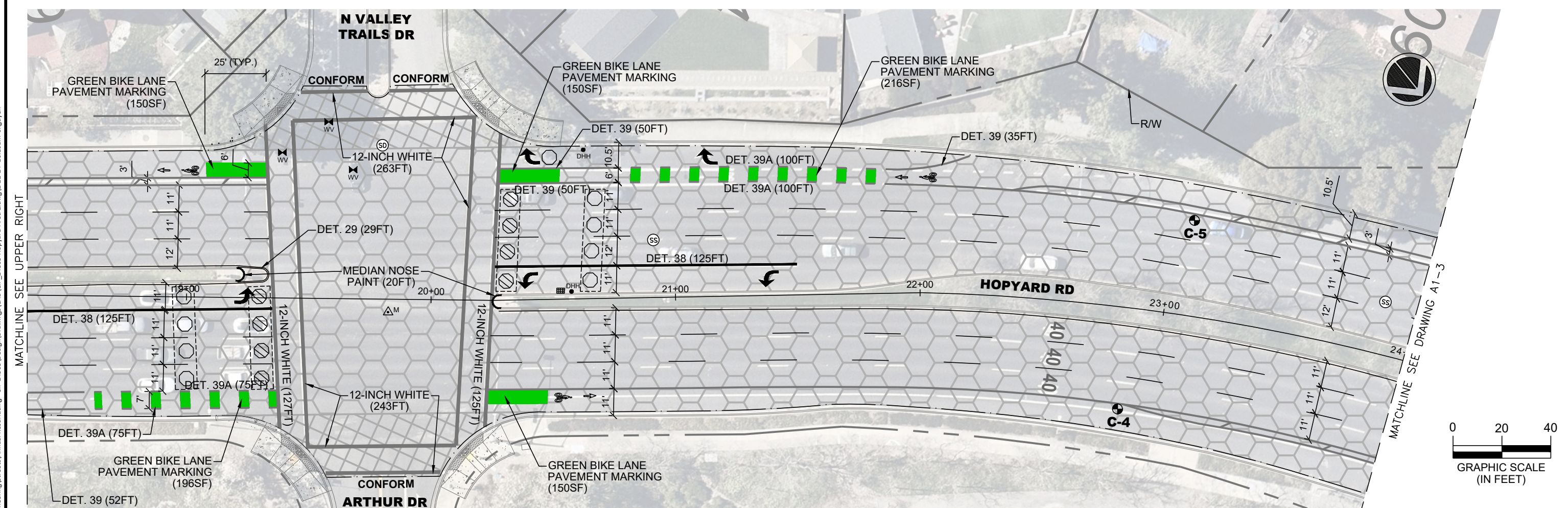
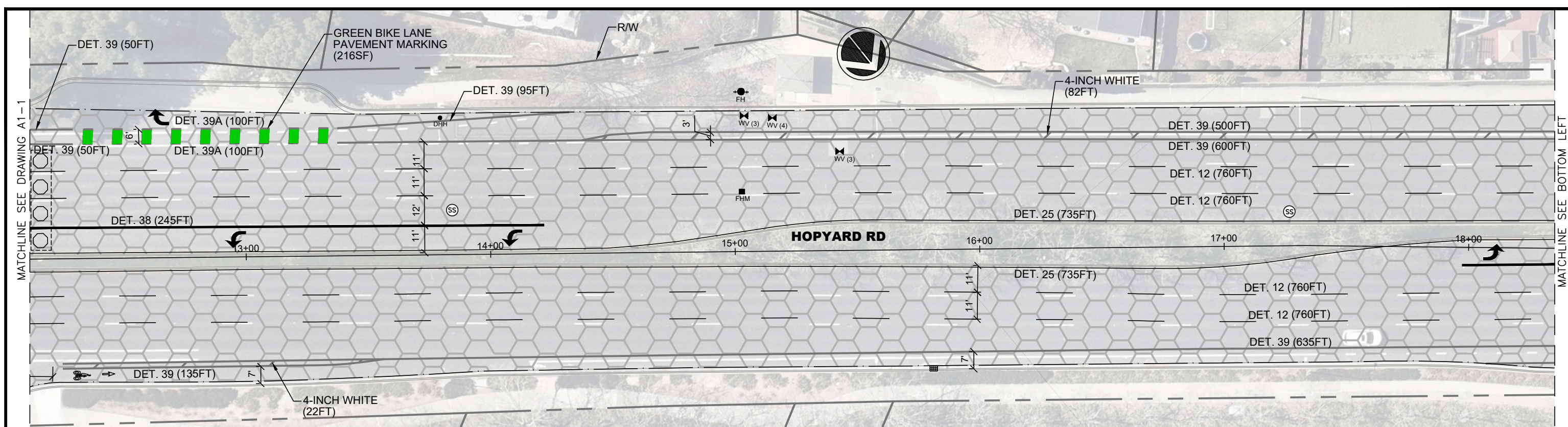
REV.	DATE	DESCRIPTION


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 NO. 78830
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ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 HOPYARD ROAD STA 0+00 TO 12+10

DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.	
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CHECKED:	AN	DATE:	FEB 14, 2024	9 OF 29	
TRAFFIC ENGINEER:	MT				



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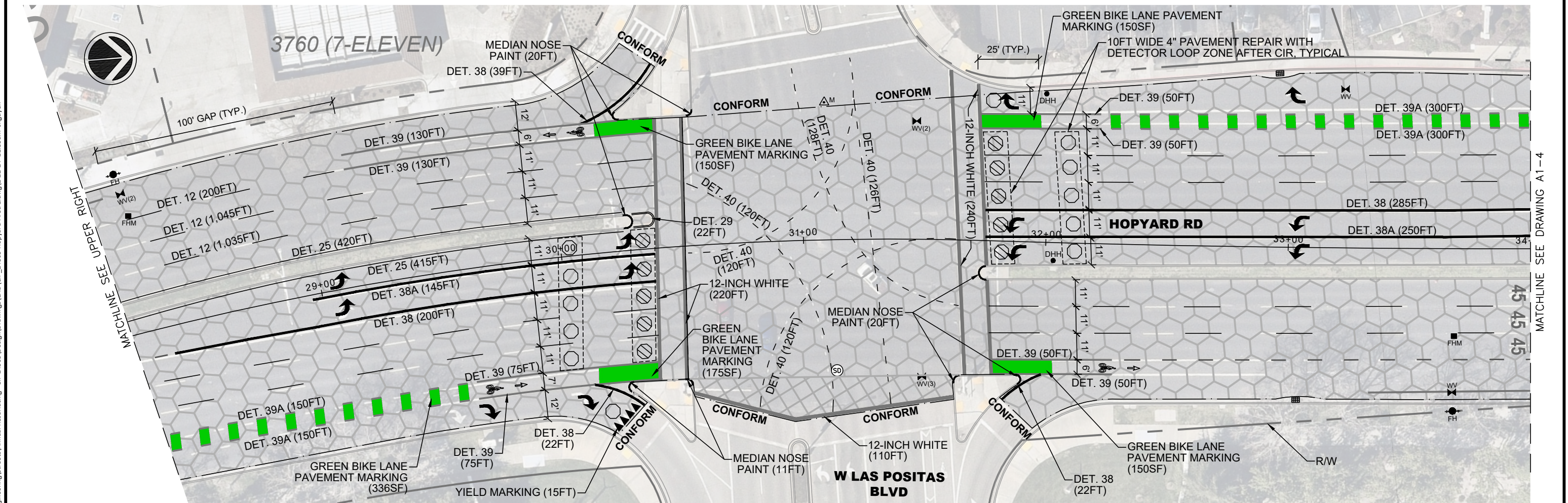
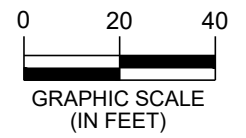
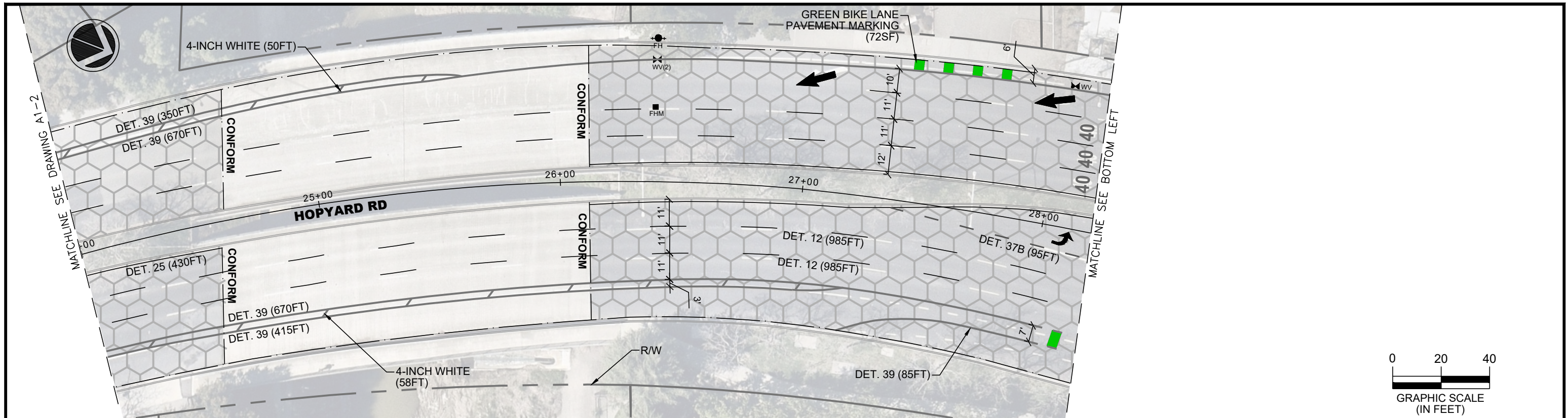
REV.	DATE	DESCRIPTION


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ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 HOPYARD ROAD STA 12+10 TO 24+00

DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.
DRAWN:	SN	PROJECT NO.:	CIP-24503	A1-2
CHECKED:	AN	DATE:	FEB 14, 2024	10 OF 29
TRAFFIC ENGINEER:	MT			



REV.	DATE	DESCRIPTION

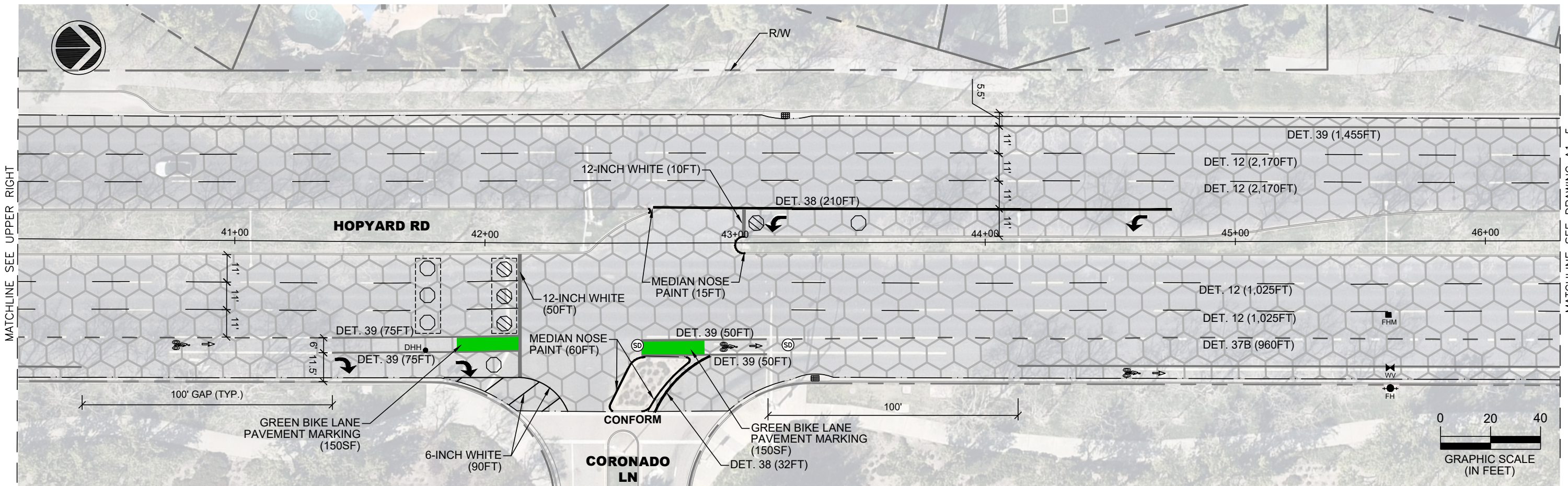
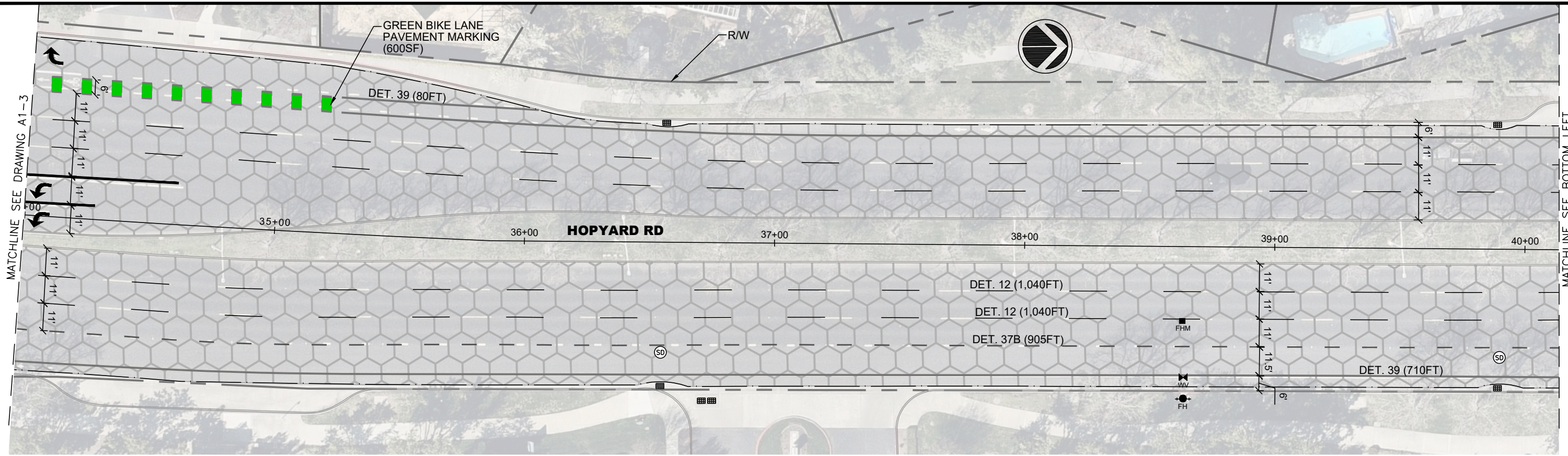

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ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 HOPYARD ROAD STA 24+00 TO 34+00

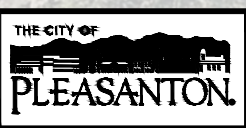
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DRAWN:	SN	PROJECT NO.:	CIP-24503		
CHECKED:	AN	DATE:	FEB 14, 2024		
TRAFFIC ENGINEER:	MT				11 OF 29

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REV.	DATE	DESCRIPTION



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EXP. 9/30/25

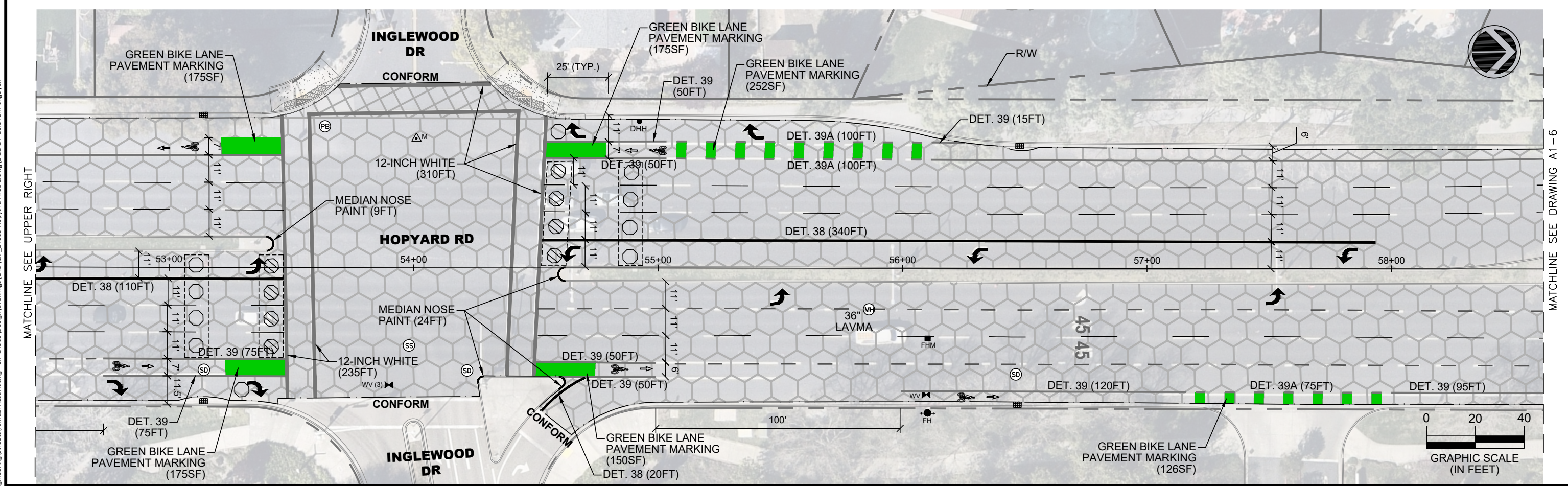
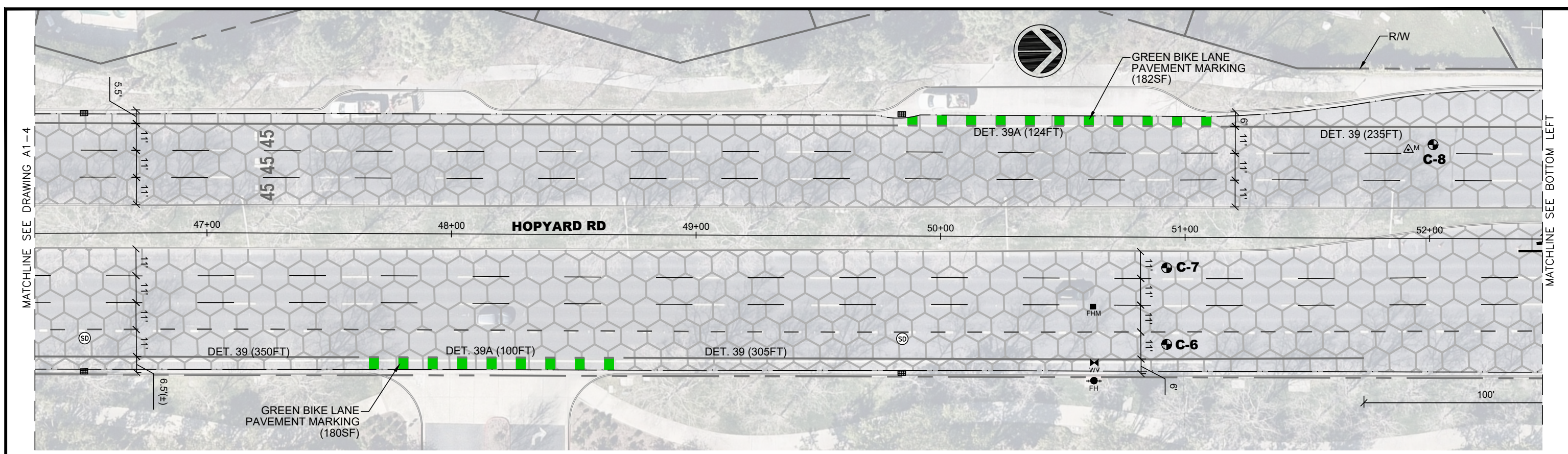
ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE

HOPYARD ROAD STA 34+00 TO 46+35

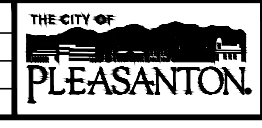
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DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A1-4**
12 OF 29



REV.	DATE	DESCRIPTION



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NO. 78830
EXP. 9/30/25

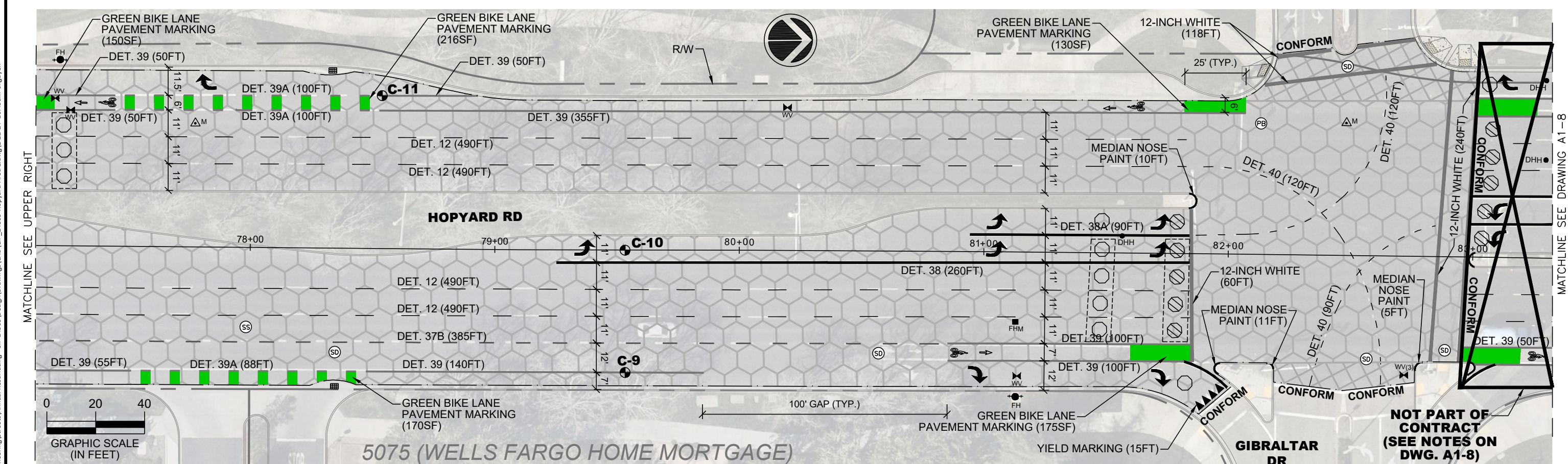
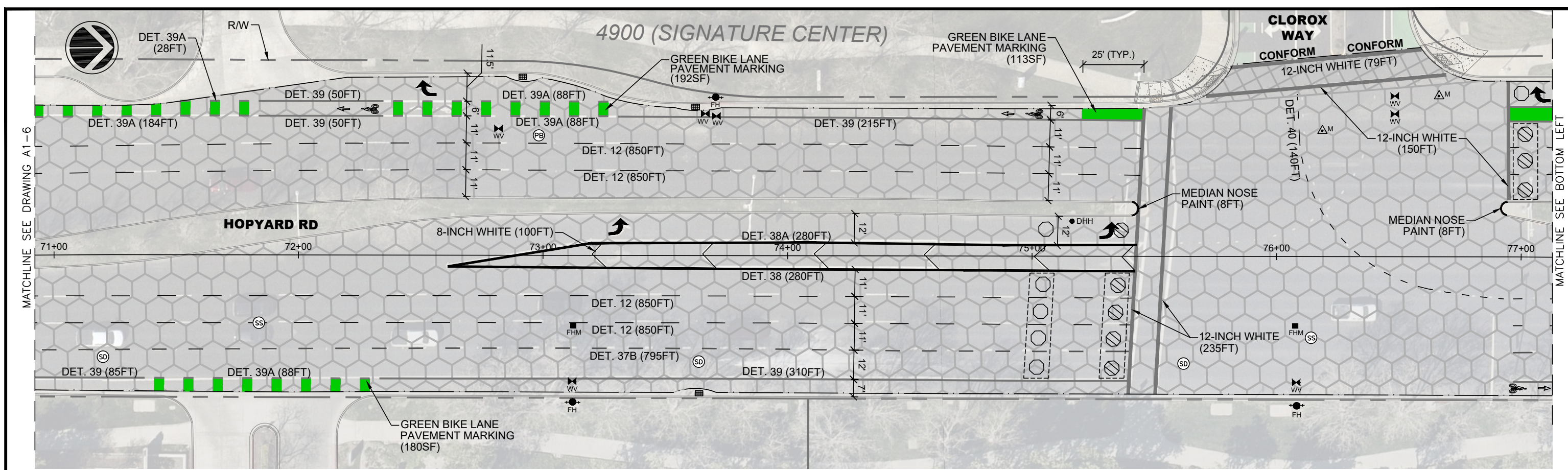
ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
HOPYARD ROAD STA 46+35 TO 58+60

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A1-5**
13 OF 29

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REV.	DATE	DESCRIPTION


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ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 HOPYARD ROAD STA 70+90 TO 82+98

DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.	A1-7
DRAWN:	SN	PROJECT NO.:	CIP-24503	DATE:	FEB 14, 2024
CHECKED:	AN				15 OF 29
TRAFFIC ENGINEER:	MT				

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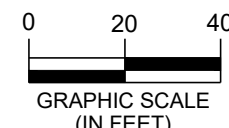
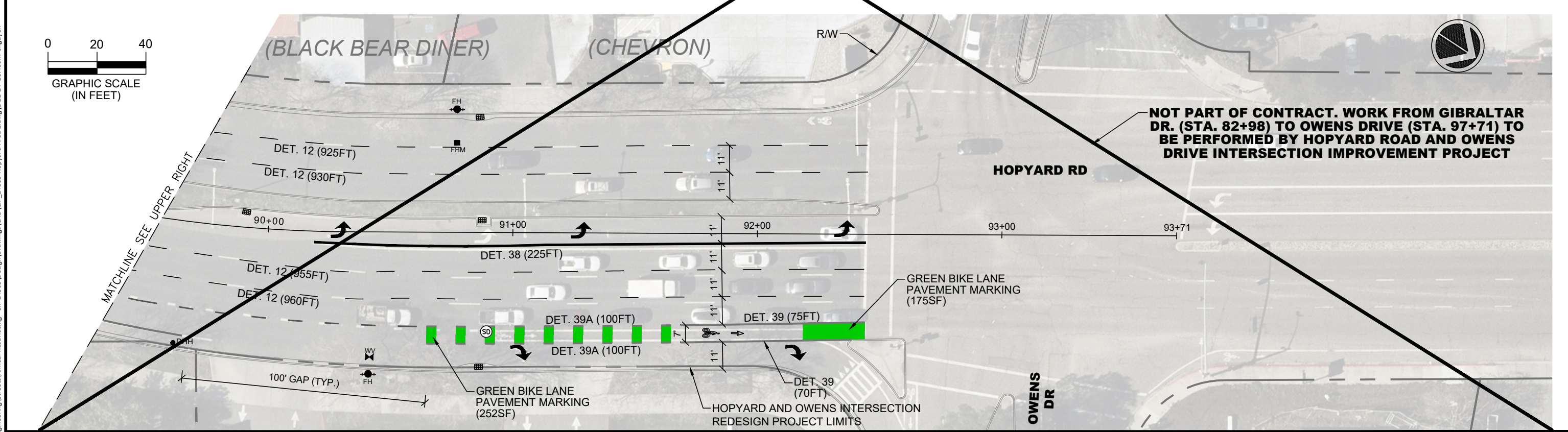
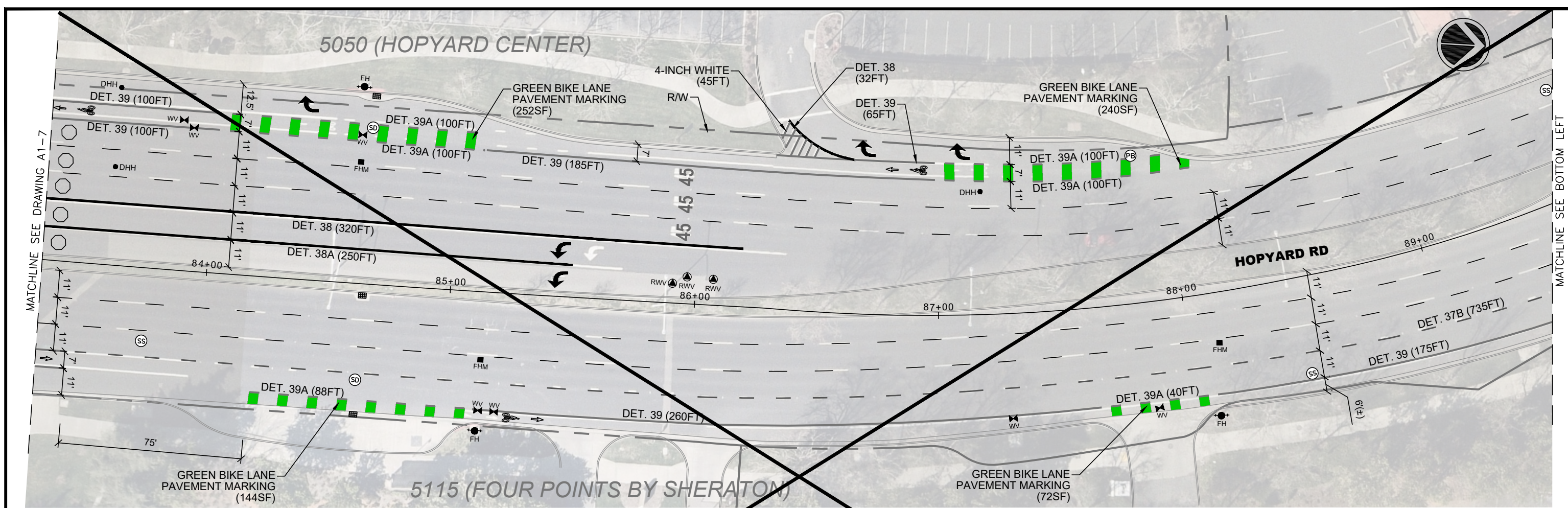
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MATCHLINE SEE UPPER RIGHT

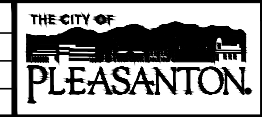
MATCHLINE SEE DRAWING A1-8

NOT PART OF CONTRACT
 (SEE NOTES ON DWG. A1-8)



NOT PART OF CONTRACT. WORK FROM GIBRALTAR DR. (STA. 82+98) TO OWENS DRIVE (STA. 97+71) TO BE PERFORMED BY HOPYARD ROAD AND OWENS DRIVE INTERSECTION IMPROVEMENT PROJECT

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

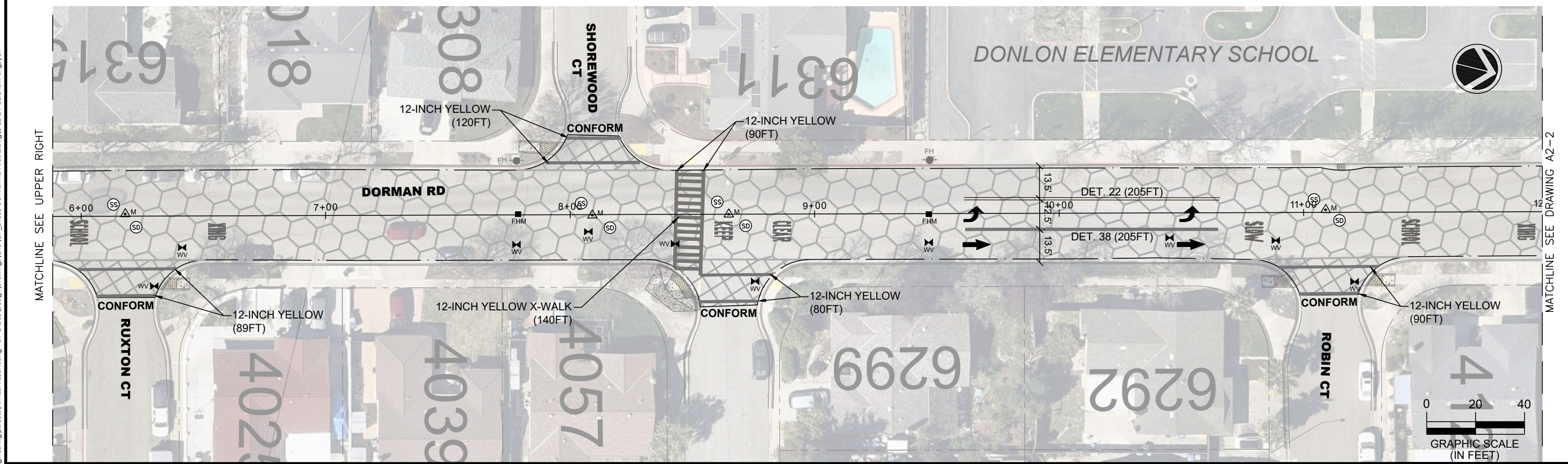
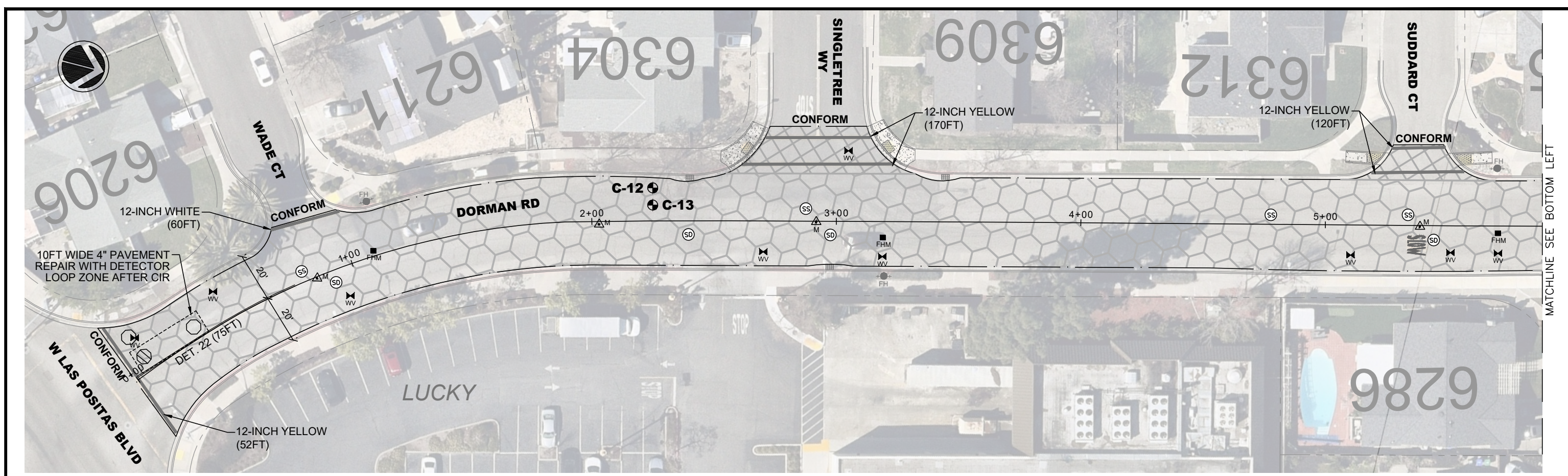
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
HOPYARD ROAD STA 83+30 TO 93+71

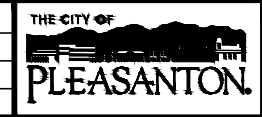
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CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024
DWG NO. **A1-8**
16 OF 29

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REV.	DATE	DESCRIPTION



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NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
DORMAN ROAD - STA 0+00 TO STA 11+95

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

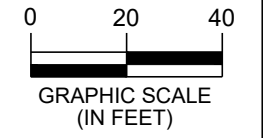
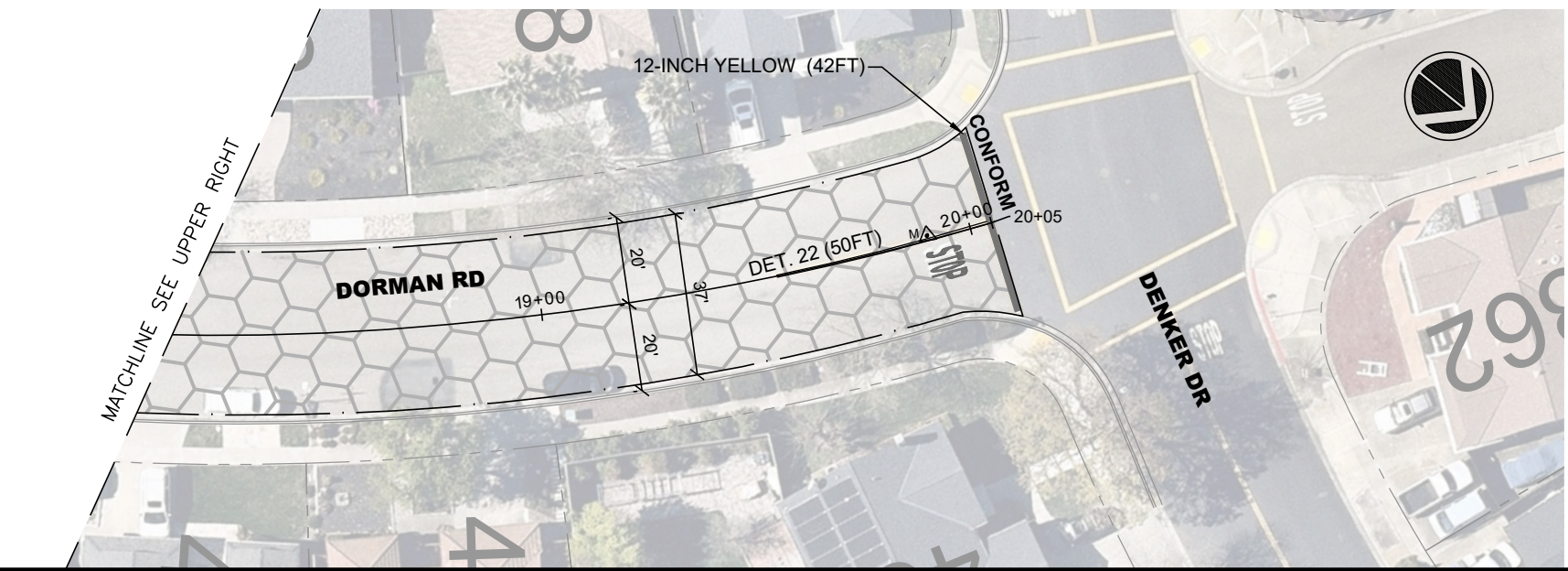
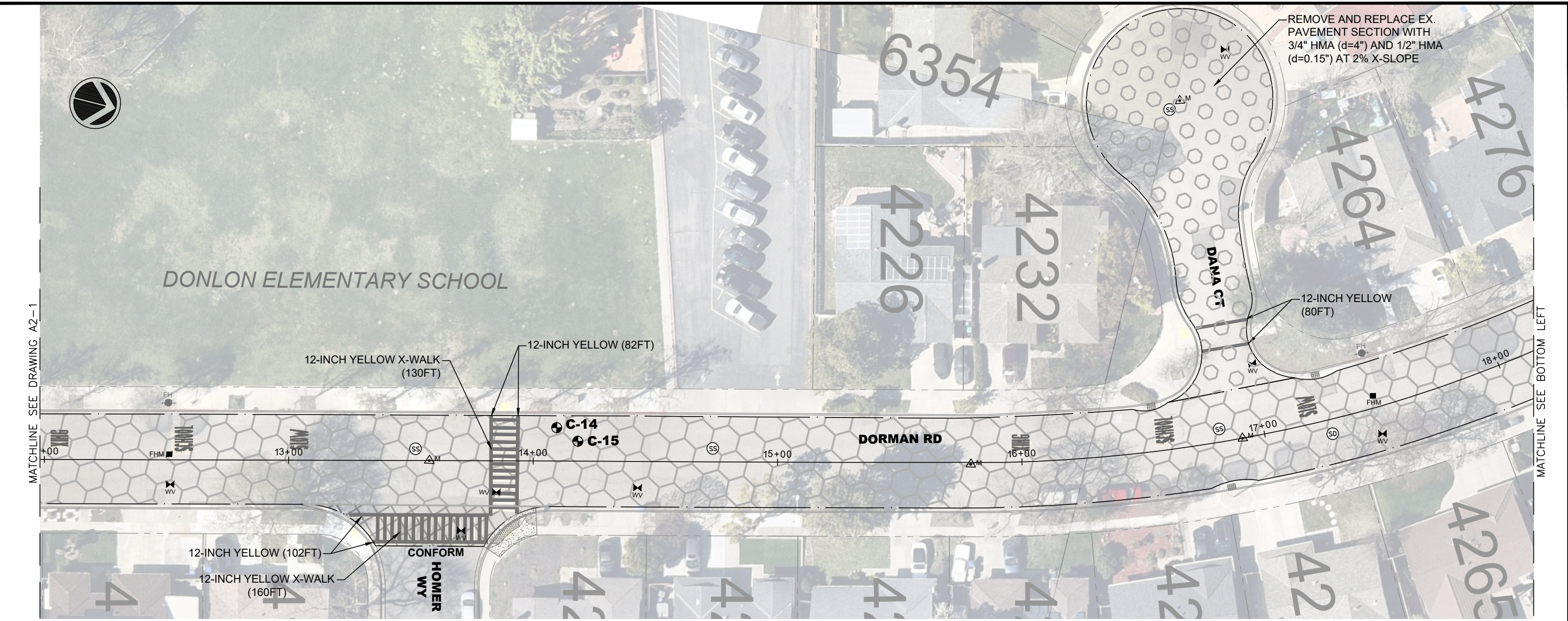
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PROJECT NO.: CIP-24503
DATE: FEB 14, 2024
DWG NO. **A2-1**
17 OF 29

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MATCHLINE SEE BOTTOM LEFT

MATCHLINE SEE DRAWING A2-2


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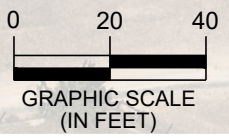
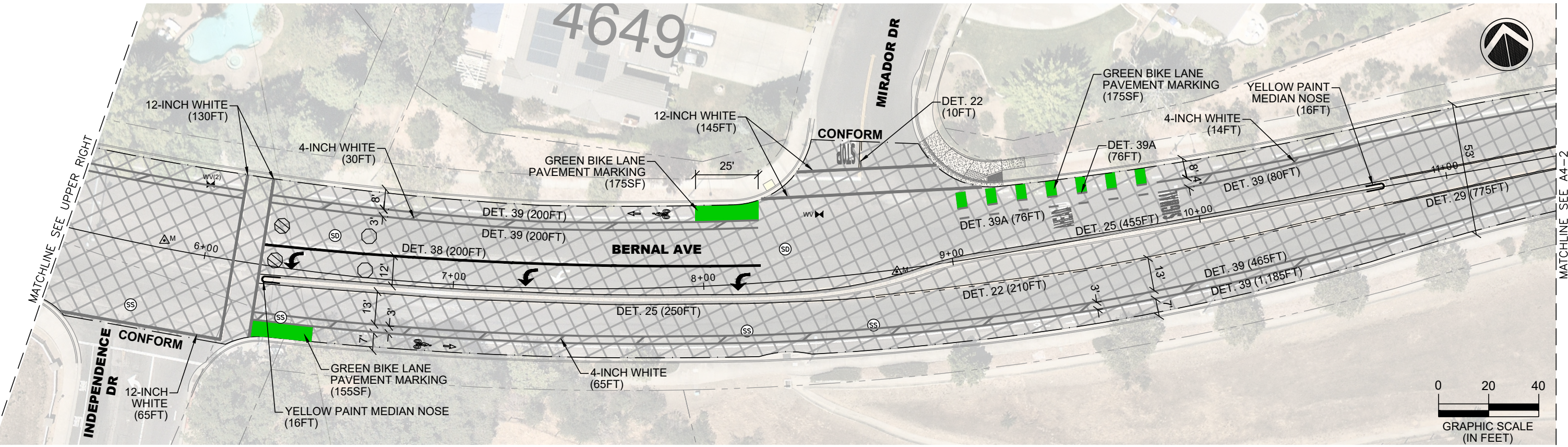
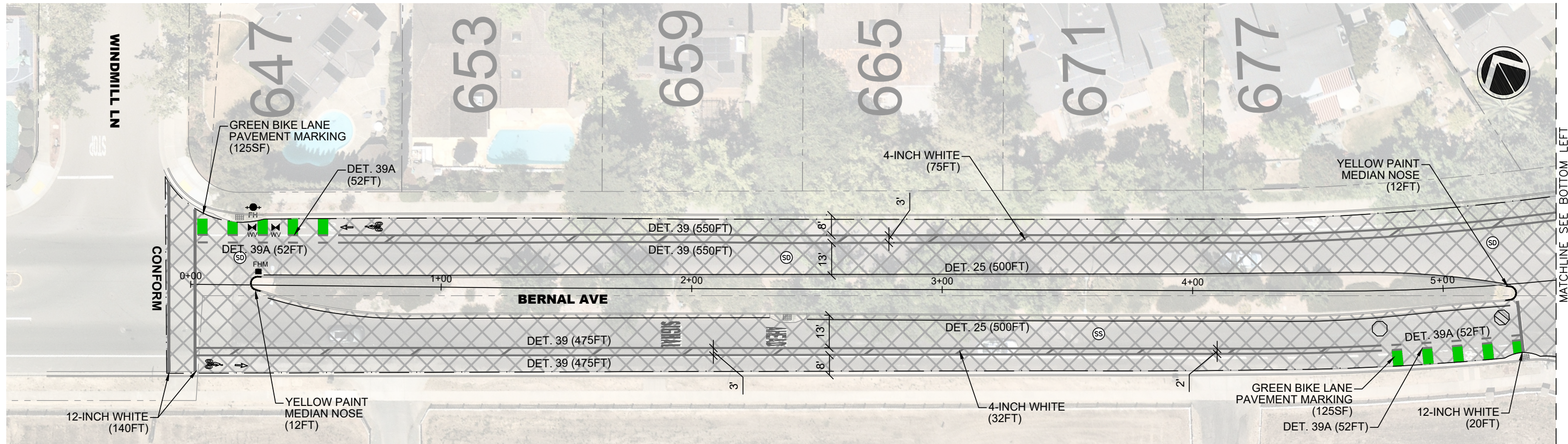


REV.	DATE	DESCRIPTION	 CITY OF PLEASANTON Department of Engineering	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE DORMAN ROAD - STA 11+95 TO STA 20+05 AND DANA COURT	DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.
						DRAWN:	SN	PROJECT NO.:	CIP-24503	A2-2
						CHECKED:	AN	DATE:	FEB 14, 2024	18 OF 29
						TRAFFIC ENGINEER:	MT			

DRAWING INTENTIONALLY LEFT BLANK

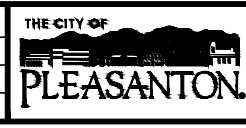
\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Design\Drawings\CAD\CIP-24503\Sycamore Dr - Area 3.dwg 2-22-24 08:52am singuyen

REV.	DATE	DESCRIPTION	 THE CITY OF PLEASANTON	CITY OF PLEASANTON Department of Engineering	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE	DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.
							DRAWN:	SN	PROJECT NO.:	CIP-24503	A3-1
							CHECKED:	AN	DATE:	FEB 14, 2024	19 OF 29
							TRAFFIC ENGINEER:	MT			



\\nw-x-drive\pww\Engineering\Streets\Annual Resurfacing - CIP 24503\Design\Drawings\CAD\CIP-24503_Bernal Ave - Area 4.dwg 2-22-24 10:57am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

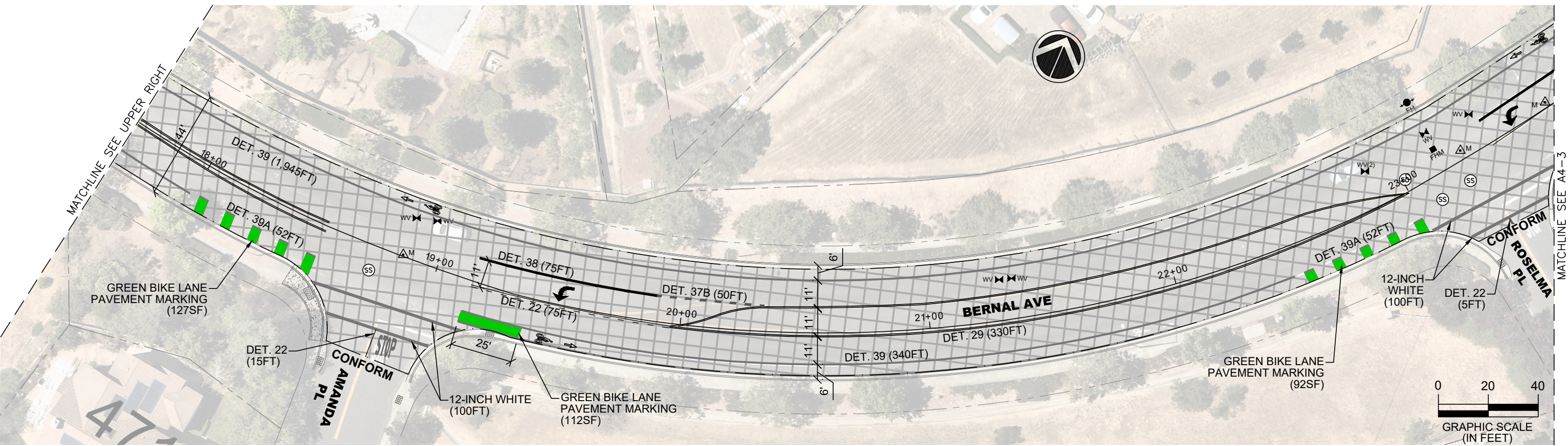
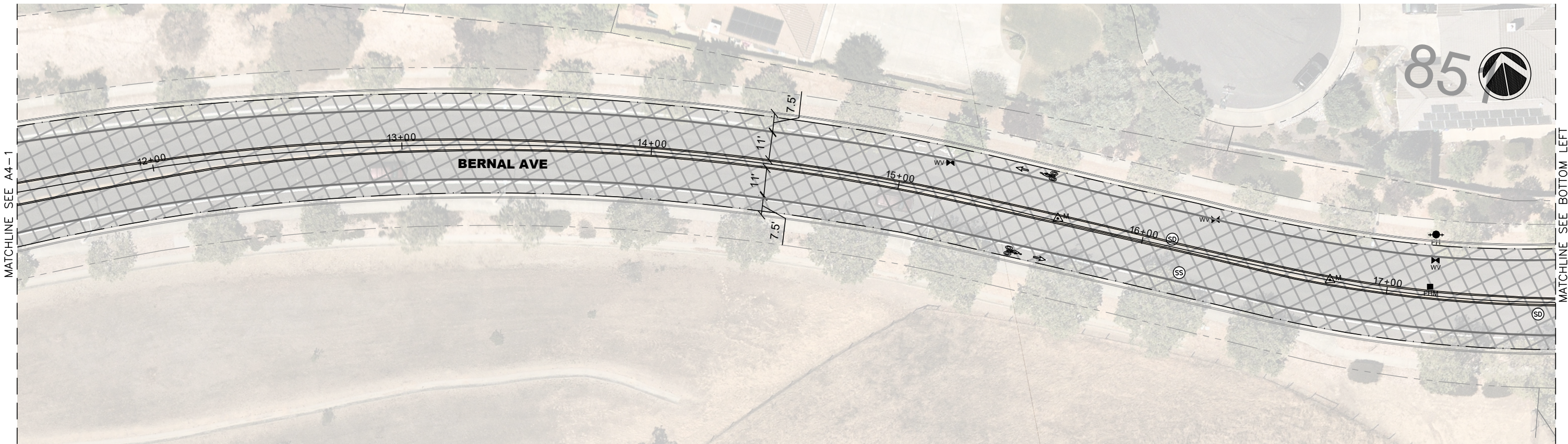
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
BERNAL AVENUE STA 0+00 TO 11+45

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A4-1**
20 OF 29



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Bernal Ave - Area 4.dwg(2-22-24 08:59am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

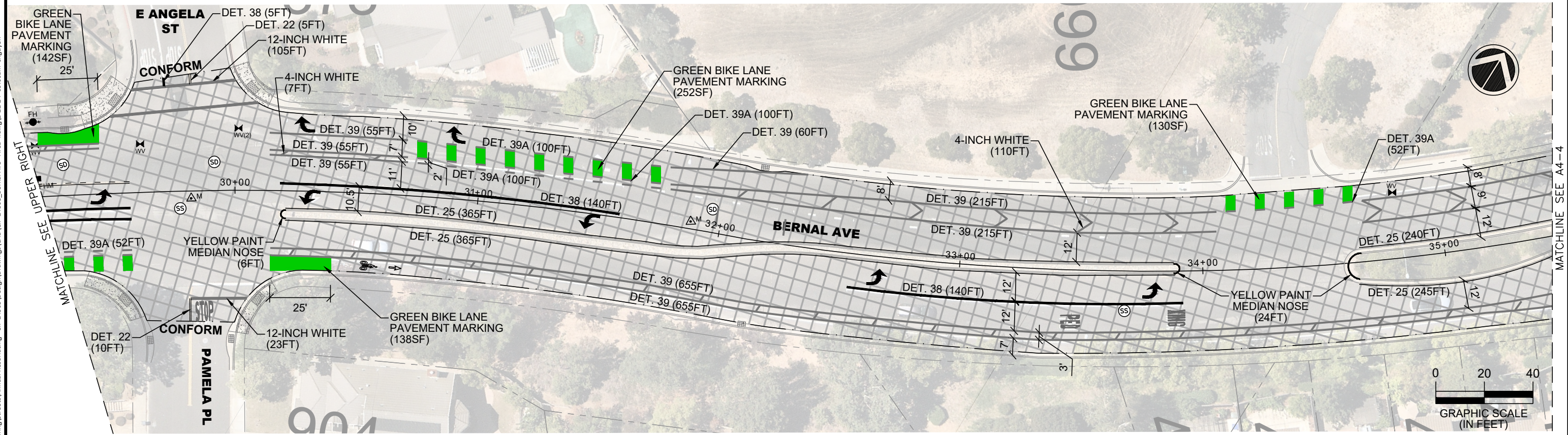
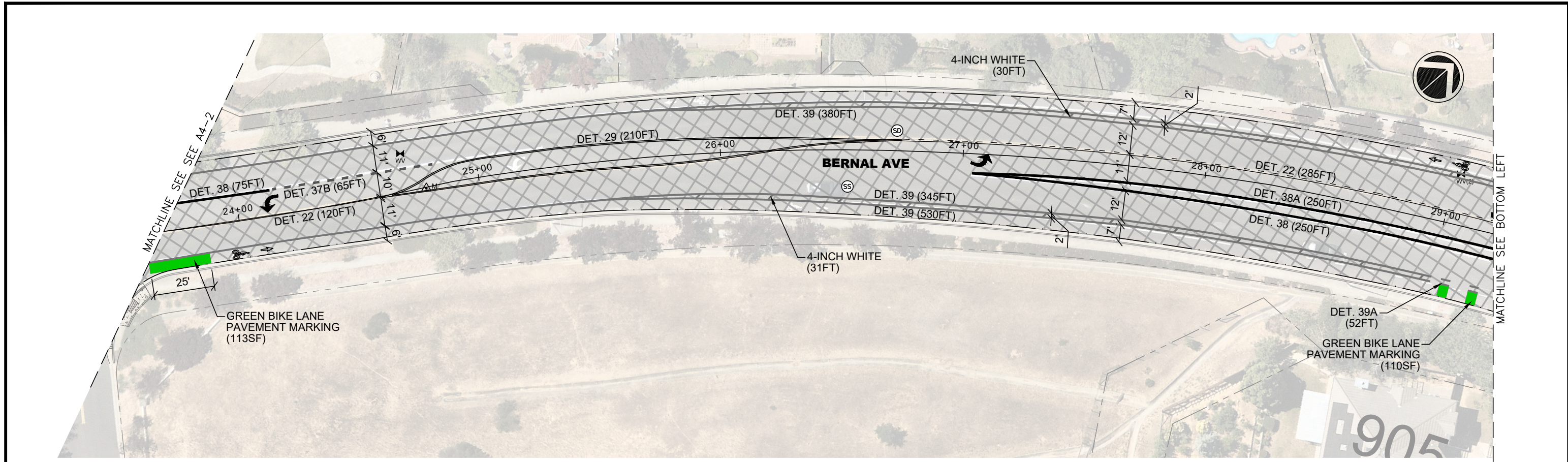
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
BERNAL AVENUE STA 11+45 TO 23+65

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A4-2**
21 OF 29



REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

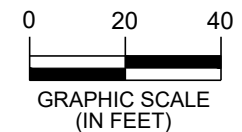
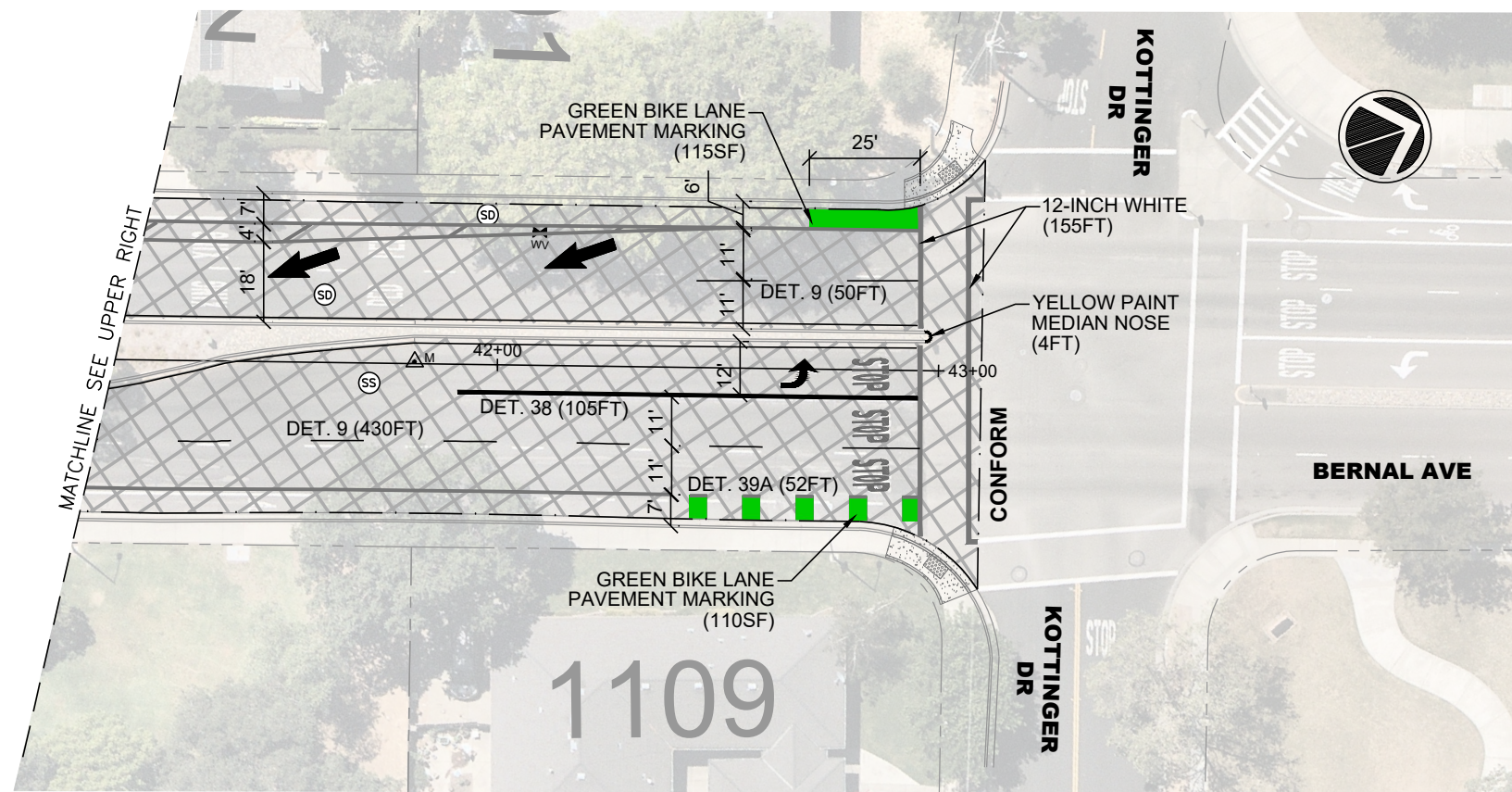
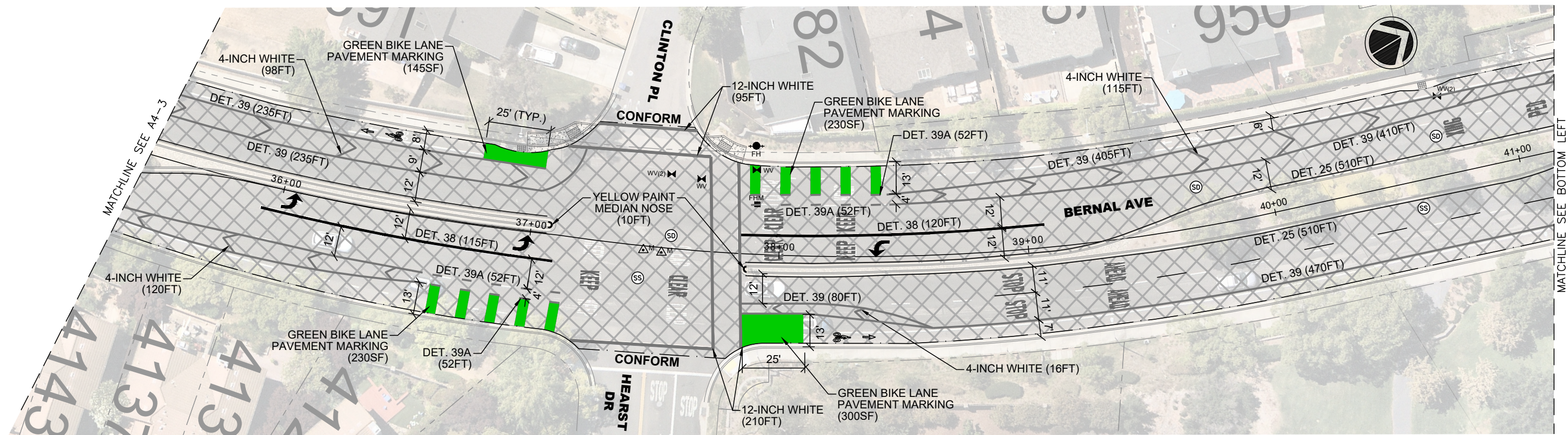
ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
BERNAL AVENUE STA 23+65 TO 35+45

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A4-3**
22 OF 29

\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Bernal Ave - Area 4.dwg/2-22-24 09:06am snguyen



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Bernal Ave - Area 4.dwg(2-22-24 10:59am) snguyen

REV.	DATE	DESCRIPTION



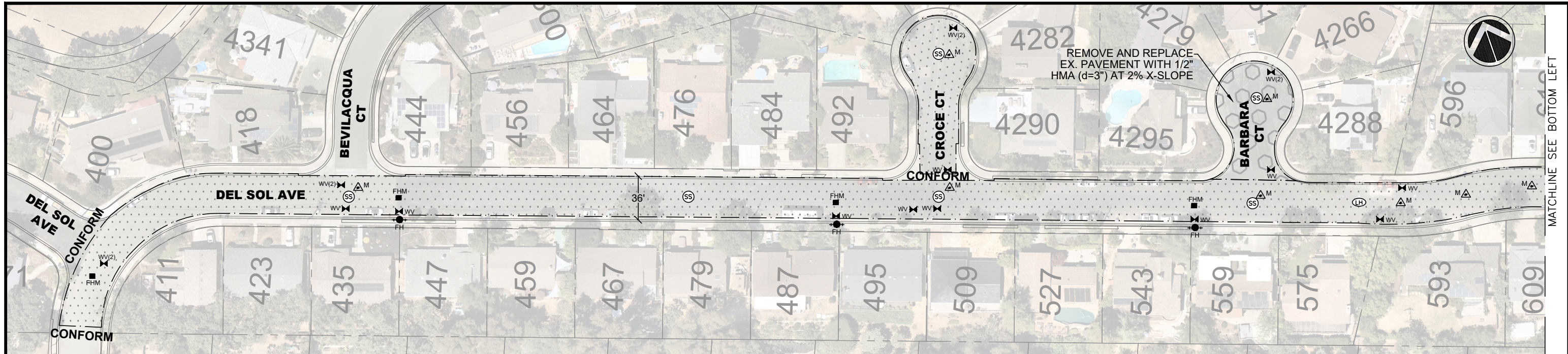
CITY OF PLEASANTON
Department of Engineering

ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE

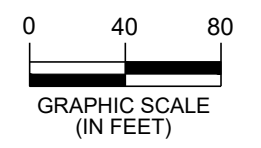
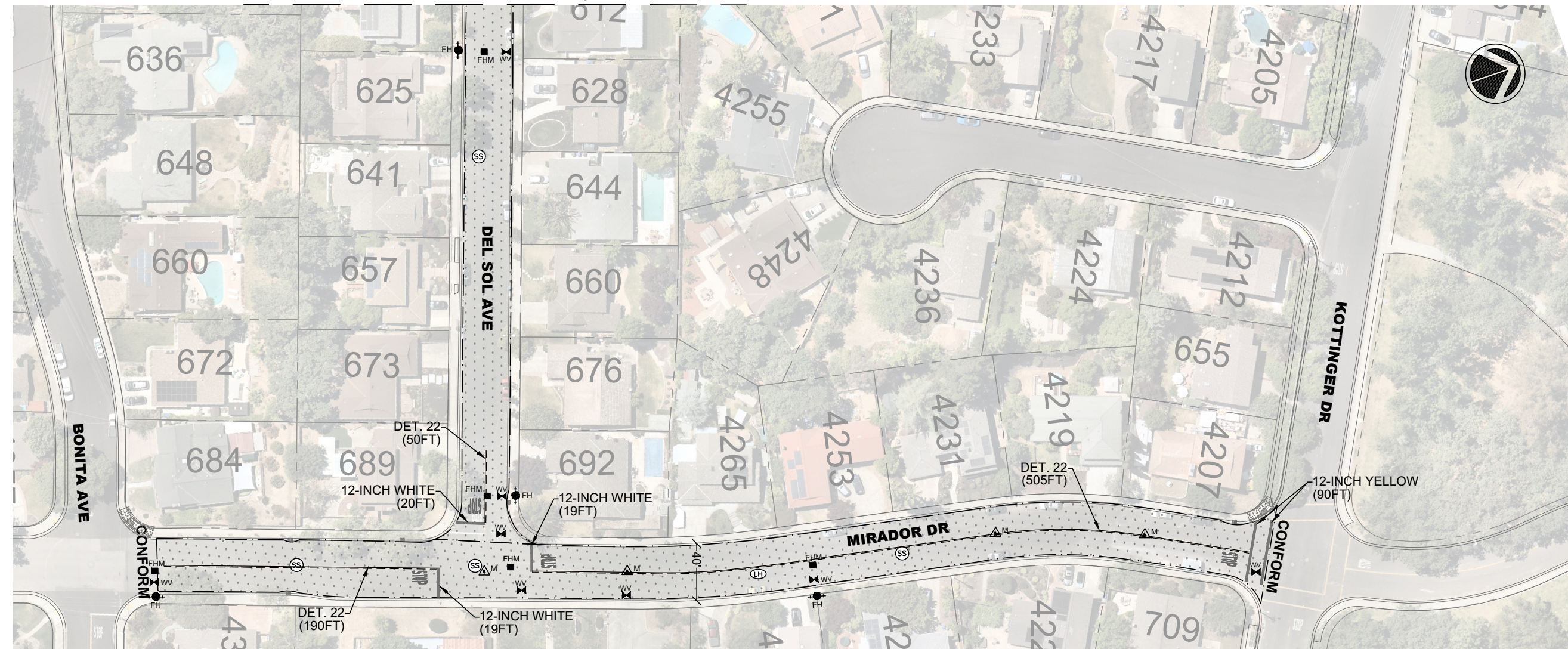
BERNAL AVENUE STA 35+45 TO 43+00

DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.	
DRAWN:	SN	PROJECT NO.:	CIP-24503	A4-4	
CHECKED:	AN	DATE:	FEB 14, 2024	23 OF 29	
TRAFFIC ENGINEER:	MT				



MATCHLINE SEE BOTTOM LEFT

MATCHLINE SEE UPPER RIGHT



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Del Sol Ave - Area 5.dwg(2-22-24 11:02am snguyen)

REV.	DATE	DESCRIPTION


CITY OF PLEASANTON
 Department of Engineering

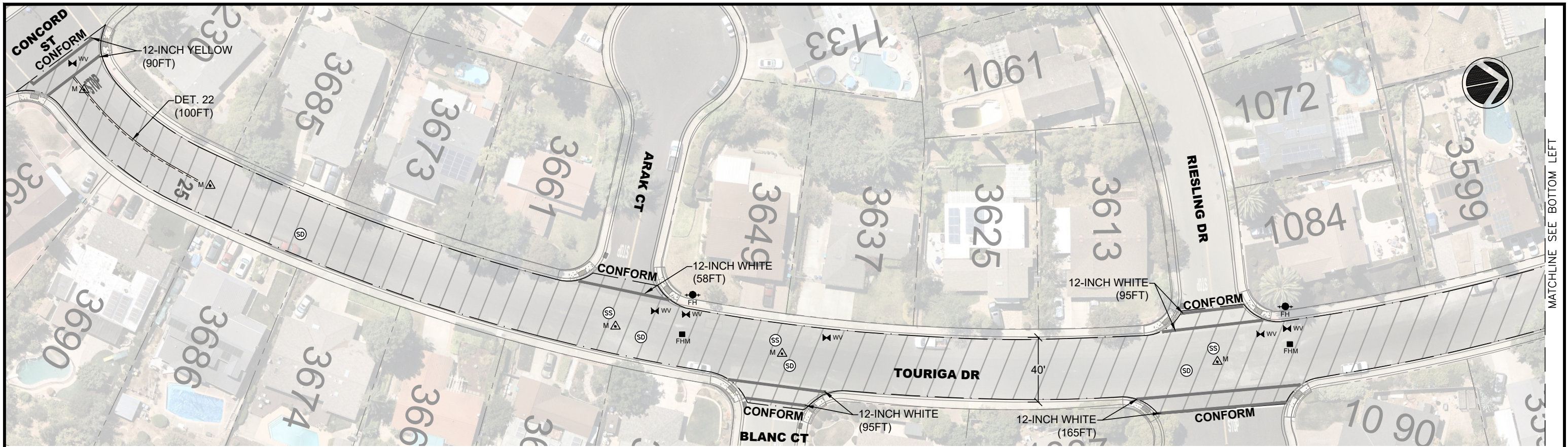
ADAM M. NELKIE
 CITY ENGINEER
 NO. 78830
 EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 BARBARA COURT, CROCE COURT, DEL SOL AVENUE AND MIRADOR DRIVE

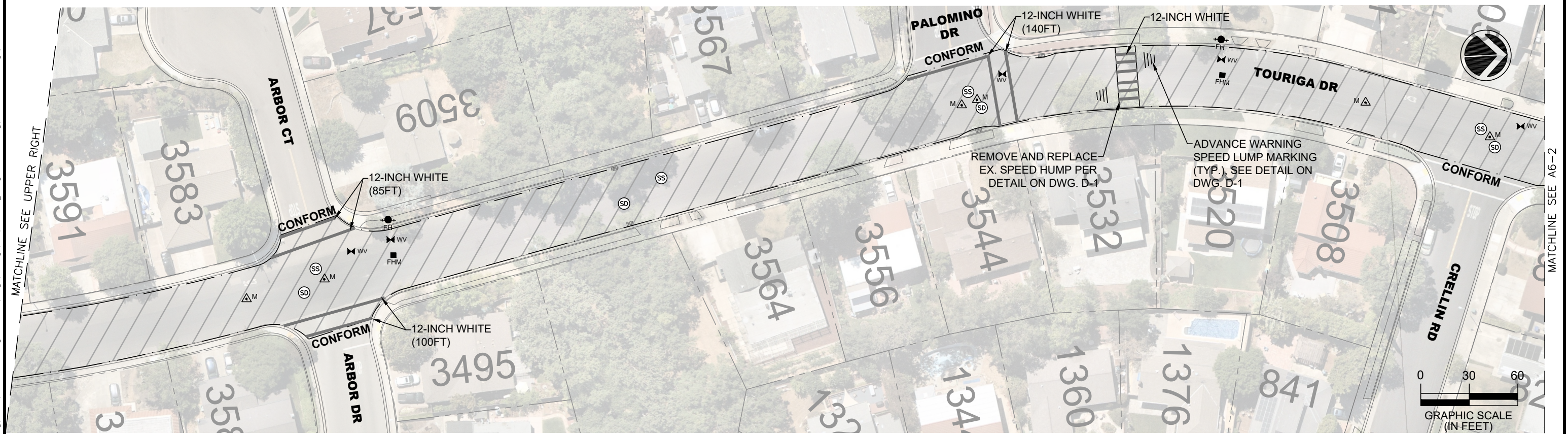
DESIGN: HH
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 CHECKED: AN
 TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
 PROJECT NO.: CIP-24503
 DATE: FEB 14, 2024

DWG NO. **A5-1**
 24 OF 29



MATCHLINE SEE BOTTOM LEFT



MATCHLINE SEE UPPER RIGHT

MATCHLINE SEE A6-2

\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Touriga Dr - Area 6.dwg;2-22-24 09:12am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

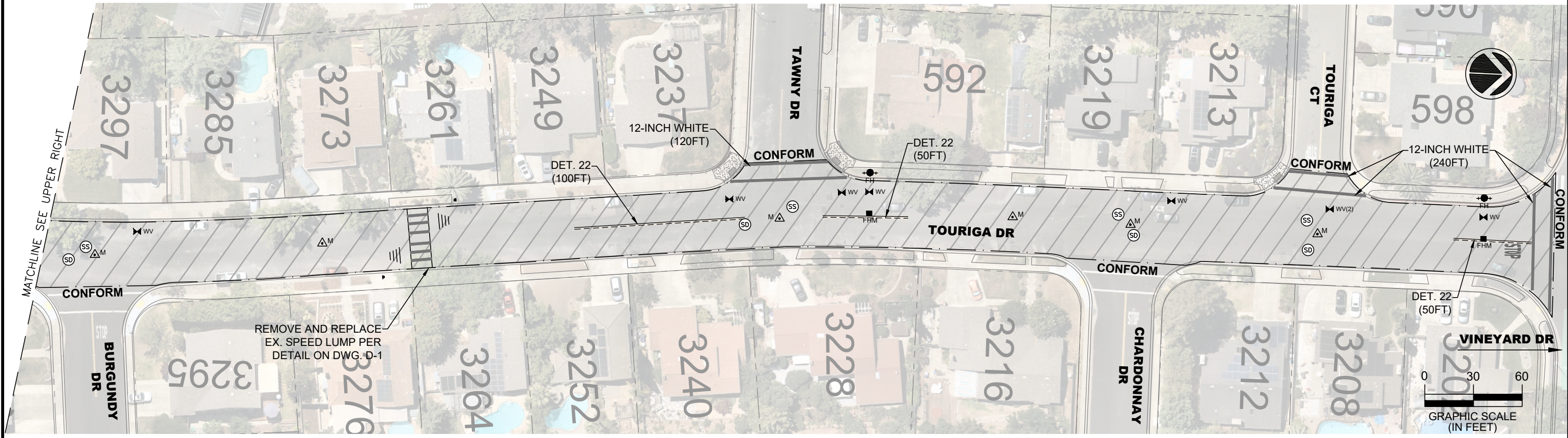
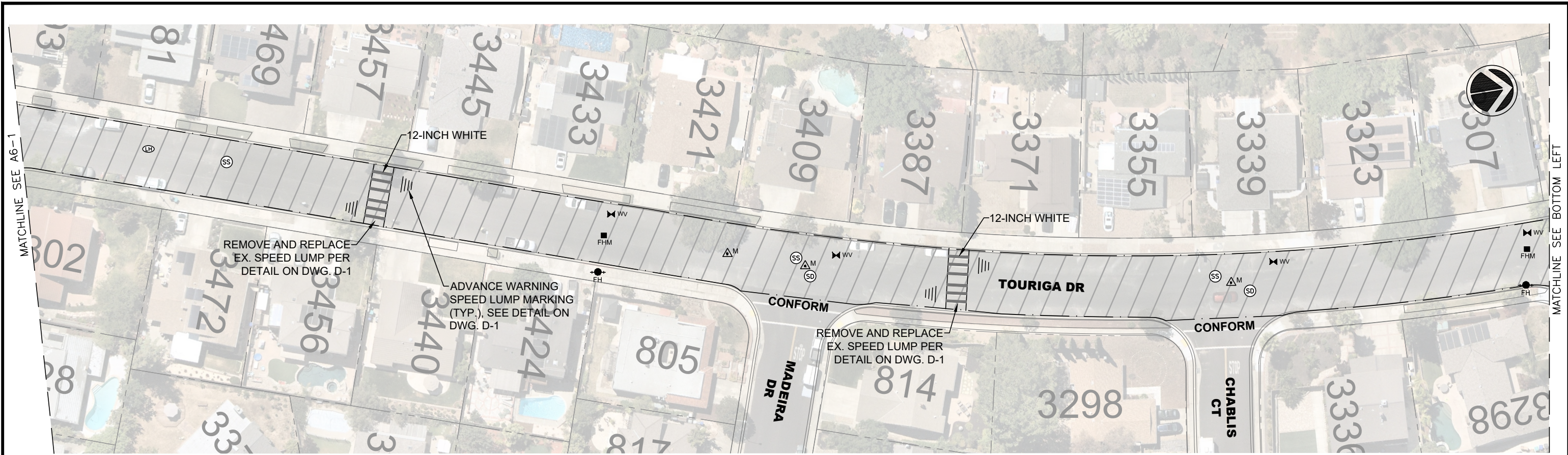
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
TOURIGA DRIVE

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A6-1**
25 OF 29



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Touriga Dr - Area 6.dwg/2-22-24 09:13am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE

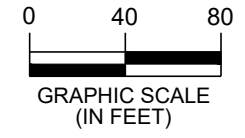
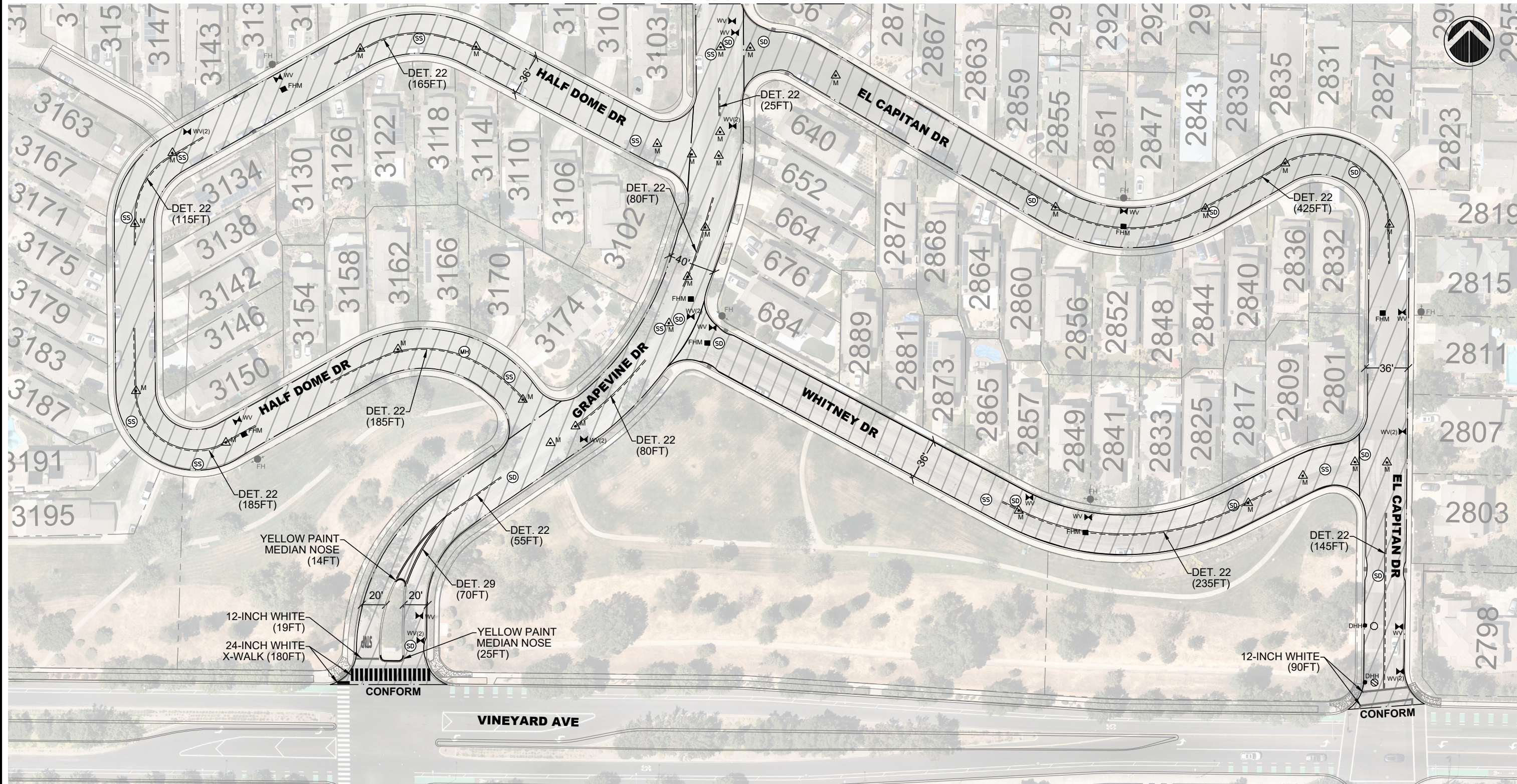
TOURIGA DRIVE

DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A6-2**
26 OF 29

MATCHLINE SEE DRAWING A7-2



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503_Grapevine - Area 7.dwg 12-22-24 09:47am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

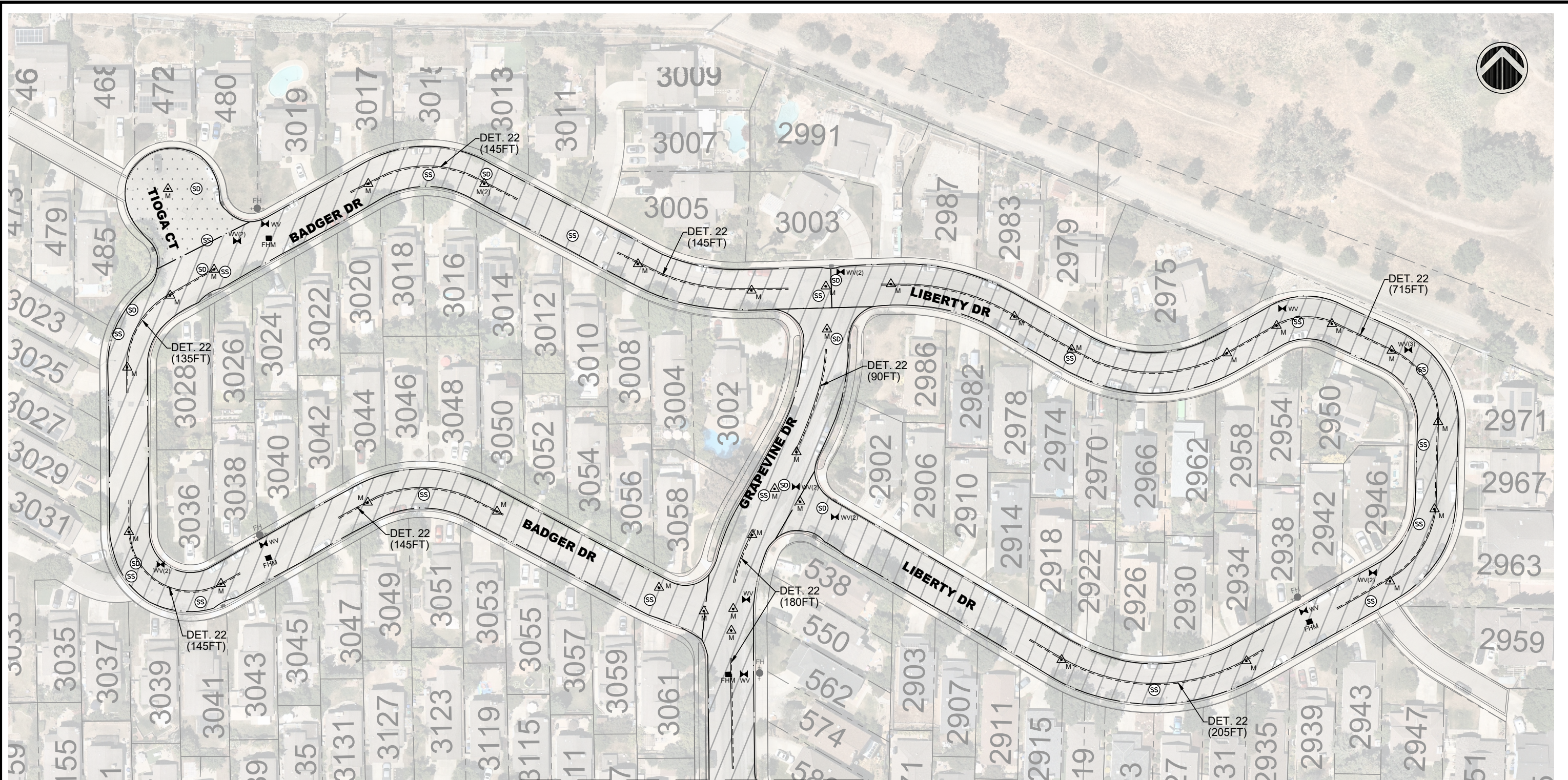
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
EL CAPITAN DR, HALF DOME DR, GRAPEVINE DRIVE AND WHITNEY DRIVE

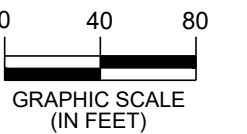
DESIGN: HH
DRAWN: SN
CHECKED: AN
TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
PROJECT NO.: CIP-24503
DATE: FEB 14, 2024

DWG NO. **A7-1**
27 OF 29



MATCHLINE SEE DRAWING A7-1



\\pww-x-drive\pww\engineering\Streets\Annual Resurfacing - CIP 24503\Drawings\CAD\CIP-24503\Drawings - Area 7.dwg(2-22-24 09:48am snguyen

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

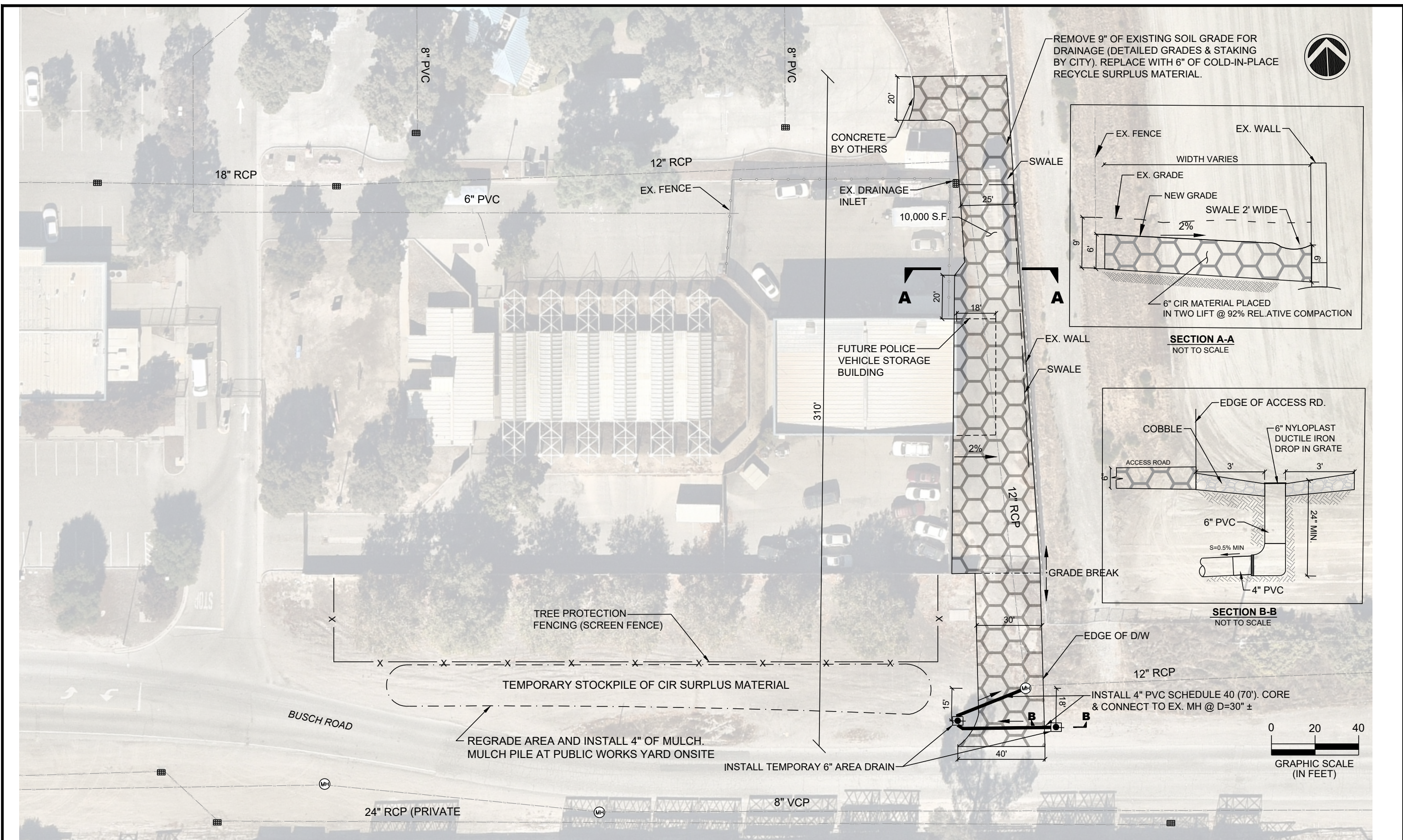
ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE

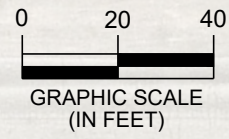
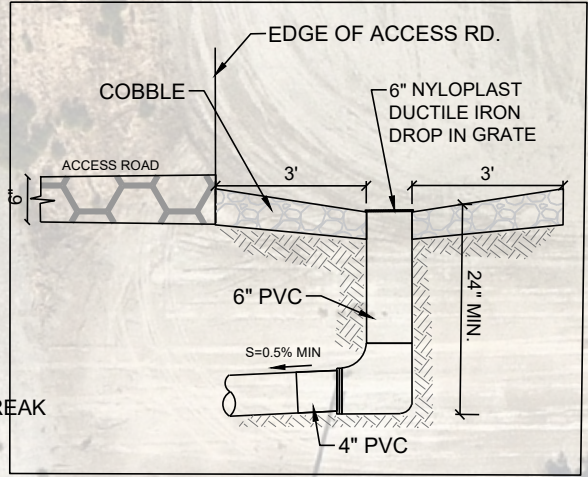
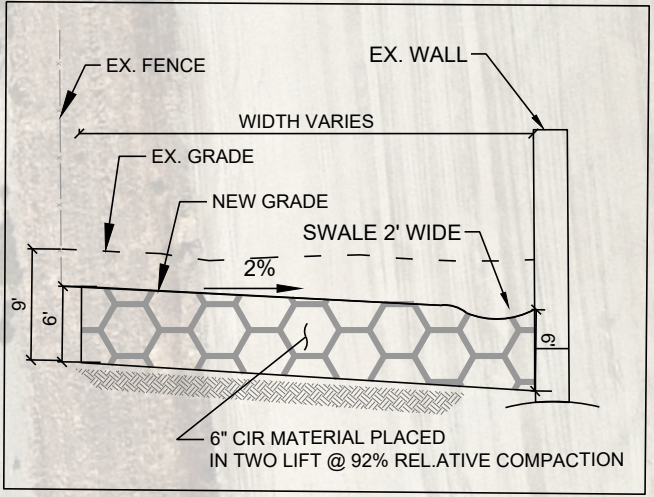
BADGER DRIVE, GRAPEVINE DRIVE AND LIBERTY DRIVE

DESIGN:	HH	SCALE:	AS SHOWN	DWG NO.	
DRAWN:	SN	PROJECT NO.:	CIP-24503	A7-2	
CHECKED:	AN	DATE:	FEB 14, 2024	28 OF 29	
TRAFFIC ENGINEER:	MT				


X:\Engineering\Public Buildings\Design\Range\Drawings\CA\Aerials\3333 BUSCH ROAD ACCESS ROAD.dwg(2-22-24 11:19am HHO



REMOVE 9" OF EXISTING SOIL GRADE FOR DRAINAGE (DETAILED GRADES & STAKING BY CITY). REPLACE WITH 6" OF COLD-IN-PLACE RECYCLE SURPLUS MATERIAL.



REV.	DATE	DESCRIPTION


CITY OF PLEASANTON
 PUBLIC WORKS DEPARTMENT

ADAM M. NELKIE
 CITY ENGINEER
 NO. 78830
 EXP. 9/30/25

ANNUAL STREET RESURFACING AND PREVENTATIVE MAINTENANCE
 3333 BUSCH ROAD ACCESS ROAD IMPROVEMENTS

DESIGN: AN
 DRAWN: SCP
 CHECKED: AN
 TRAFFIC ENGINEER: MT

SCALE: AS SHOWN
 PROJECT NO.: CIP-24503
 DATE: FEBRUARY 20, 2024
BR-1
 29 OF 29