

February 9, 2026

ADDENDUM No. 3

**Request for Proposal (RFP) for Pavement Management Implementation Year 1
Addendum No. 3**

To prospective proposers under RFP for Pavement Management Implementation Year 1, notice is hereby given that the RFP for Pavement Management Implementation Project Year 1 has been revised as set forth below.

RFP Revisions

The following items describe revisions to the RFP. In the case of conflicting information, the information included in this addendum supersedes information within original RFP and past issued addenda.

1. On **Table of Contents, Attachments**, remove **Exhibit J**.
2. On Page 3, **Section I. A. Scope**, replace section in its entirety with:

“These specifications, terms and conditions are intended to define the required services for pavement reconstruction and rehabilitation at sixteen (16) East Bay Municipal Utility District (EBMUD or District) facilities and associated access roads located within the EBMUD’s north service area, which includes the cities and communities of Berkeley, Crockett, El Cerrito, El Sobrante, Hercules, Oakland, Richmond, and San Pablo in Contra Costa and Alameda Counties.

EBMUD intends to award a contract to the Contractor(s) who best meets the District’s requirements.

Pavement rehabilitation and reconstruction services will include base repairs, slurry sealing, surface reconstruction, milling and overlay, and cape sealing. The work will take place on roads regularly used by District staff for facility maintenance, as well as by local residents and the general public.”

3. On Page 4, **Section I.B.1.c**, remove section in its entirety.
4. On page 5, **Section I.C.5**, remove section in its entirety.
5. On page 6, **Section I.C.12**, remove section in its entirety.
6. On page 9, **Section I.D.25**, remove section in its entirety.

7. On Page 18, **RFP Section IV. C. Response Format**, replace item 1 in its entirety with:

“1. Proposers shall not modify the existing text for any part of Exhibits A, B, C, D, E, F, G, H, I, K or L, or qualify their RFP responses. Proposers shall not submit to the District a re-typed or otherwise re-created version of these documents or any other District-provided document.”

8. On **Exhibit A, Page 1, RFP Response Packet**, remove EXHIBIT J – CERTIFICATION OF EXPERIENCE AND QUALIFICATIONS TO PERFORM FULL DEPTH RECLAMATION from Submittal Requirements.

9. On **Exhibit A, Page 5, 6 and 7, Proposal Form**, replace entire form with the attached Proposal Form. Notice revisions to Items and Quantities.

10. For **Exhibit G, PROJECT DRAWINGS**, replace the entire drawing set with the attached revised Exhibit G. Notice removal of San Pablo Reservoir Recreational facility from scope of work and treatment revisions to Crockett, Mendocino and Shawn Reservoirs.

11. **Exhibit H, TECHNICAL SPECIFICATION:**

a) Section **01 01 10 – TABLE OF CONTENTS**, remove items 31 23 33, 32 01 23 and 33 42 11 from Table of Contents.

b) Section **01 11 00 – SUMMARY OF WORK**, replace PART 1 – GENERAL, Paragraph 1.1.B in its entirety with:

“B. Work for this project includes mobilization and demobilization of construction equipment and materials; construction area signs; clearing, grubbing, and environmental protection; traffic control; concrete curb ramp; concrete curbs; concrete sidewalk; concrete valley gutter; HMA dike; removal and replacement of storm drain pipe; installation of curb inlets; adjustment of utilities to finish grade; removal of existing thermoplastic striping and markings; full-width cold planing; crack sealing; surfacing and base removal; pavement subgrade preparation; potential subgrade over-excavation; subgrade stabilization including geogrid and placement of aggregate base; full depth base repairs; hot-mix asphalt overlays; rubberized chip seal; PM type II slurry seal; and installation of thermoplastic striping and markings.”

c) Section **01 14 00 – WORK RESTRICTIONS**, replace section in its entirety with the attached Section 01 14 00 – WORK RESTRICTIONS dated 2/6/26.

d) Section **01 18 05 – PROJECT UTILITY SOURCES AND SITE CONDITIONS**, PART 1 – GENERAL, Paragraph 1.1.B.3, remove item 3 in its entirety.

e) Section 01 21 00 – ALLOWANCES, PART 1 – GENERAL, Paragraph 1.2.A, replace Table of Allowances with the following Table:

1.	Environmental Monitoring and Work suspension allowance (includes unanticipated Work disruptions due to bird nesting, protected wildlife, and cultural resources)	\$75,000
2.	Hazardous waste disposal allowance (includes costs for any unexpected hazardous wastes encountered)	\$50,000
3.	Dike/curb damage repair allowance (includes costs for reconstruction of existing AC dikes due to unintended damage)	\$90,000
Total Allowances		\$215,000

- f) Section **01 33 00 – SUBMITTAL PROCEDURES**, PART 1 – GENERAL, Paragraph 1.1.A.3.h, remove item h. FDR QC Plan and Mix Designs, from the submittals list in its entirety.
- g) Section **01 35 45 – BIOLOGICAL, CULTURAL, AND PALEONTOLOGICAL RESOURCE REQUIREMENTS**, PART 1 – GENERAL, Paragraph 1.6.D, remove item D in its entirety.
- h) Section **01 55 26 – TRAFFIC REGULATION**, replace PART 3 – EXECUTION, Paragraph 3.4.A, in its entirety with:
- “A. All traffic control devices shall conform to the latest edition of the MUTCD, and as amended by the latest edition of the MUTCD California supplement. Electronic signage board with changeable message shall be placed on Rifle Range Road for Arlington Reservoir, Shasta Road for Shasta No. 2 Reservoir, and on Summit Road for Berkeley View No. 1 Reservoir, in both directions 2 weeks in advance until all work in those areas is complete.”
- i) Section **31 22 00 – GRADING**, PART 1 – GENERAL, Paragraph 1.1.C and 1.2.B, remove both items in their entirety.
- j) Section **31 23 33 – TRENCHING AND BACKFILLING**, remove section in its entirety.
- k) Section **32 01 23 – FULL DEPTH RECLAMATION WITH PORTLAND CEMENT**, remove section in its entirety.
- l) Section **32 12 16 – ASPHALT PAVEMENT**, PART 1 – GENERAL, Paragraph 1.2.F, remove item F in its entirety.

m) Section **33 05 13.13 – UTILITY GRADE ADJUSTMENT**, replace PART 3 – EXECUTION, Paragraph 3.1.D, in its entirety with:

“D. Within areas designated for asphalt pavement milling or removal and overlay, all existing facilities (e.g. utility manhole frame and covers, cleanouts, boxes, water valve boxes, survey monument boxes and other utility facilities) shall be adjusted/raised to final grade in conformance with the requirements described in the Project Plans.”

n) Section **33 42 11 STORMWATER GRAVITY PIPING**, remove section in its entirety.

ACKNOWLEDGMENT OF RECEIPT OF THIS ADDENDUM SHALL BE INDICATED BY INSERTING THE ADDENDUM NUMBER AND ITS DATE ON THE FORM LABELED “PROPOSER INFORMATION AND ACCEPTANCE” IN EXHIBIT A.



Dámaris Villalobos-Galindo
Associate Civil Engineer



PROPOSAL FORM

Cost shall be submitted on this Proposal Form as is. The prices quoted shall not include Sales Tax or Use Tax; said tax, wherever applicable, will be paid by the District to the General Service Provider, if licensed to collect, or otherwise directly to the State.

No alterations or changes of any kind to the Proposal Form(s) are permitted. RFP responses that do not comply may be subject to rejection in total. The cost quoted below shall be the cost the District will pay for the term of any contract that is a result of this RFP process.

The District reserves the right to adjust the quantity of any item or proportions of the work as may be deemed necessary or advisable by the Engineer. The Contractor unit Price will not be adjusted after acceptance.

Contractor shall include all items listed in the Allowances table section in the total bid amount. Additional requirements related to payment procedures and allowances are provided in Exhibit H – Technical Specifications, Sections 01 29 00 and 01 21 00.

All work under Allowances shall be approved in writing by the Engineer prior to commencement of work by the Contractor.

Item No.	Work Description	Unit	Quantity	Unit Price	Total
1	Mobilization	LS	1	\$	\$
2	Clearing, Grubbing and Environmental Protection	LS	1	\$	\$
3	Traffic Regulation	LS	1	\$	\$
4	CALTRANS Type "A" AC Dike	LF	212	\$	\$
5	Minor Concrete (Type M1-6 Curb)	LF	3	\$	\$
6	Minor Concrete (Sidewalk)	SF	15	\$	\$
7	Minor Concrete (Valley Gutter)	SF	250	\$	\$
8	Concrete Curb Ramp	EA	1	\$	\$
9	1.5" Full Width Cold-Plane (Mill)	SY	1,376	\$	\$
10	2" Full Width Cold-Plane (Mill)	SY	789	\$	\$
11	3" Full Width Cold-Plane (Mill)	SY	7,818	\$	\$
12	Remove 3" Surfacing and Base	SY	3,818	\$	\$
13	Roadway Pavement Subgrade Preparation	SY	3,818	\$	\$
14	Subgrade Over-Excavation (Revocable Bid Item)	CY	239	\$	\$
15	Roadway Pavement Subgrade Stabilization	SF	1,278	\$	\$
16	Hot Mix Asphalt (Type A) - Overlay (1.5")	TON	122	\$	\$
17	Hot Mix Asphalt (Type A) - Overlay (2")	TON	93	\$	\$
18	Hot Mix Asphalt (Type A) - Overlay (3")	TON	2,062	\$	\$
19	Full Depth Base Repair (4-inch Depth)	SF	19,035	\$	\$

20	Full Depth Base Repair Over-Excavation (Revocable Bid Item)	CY	183	\$	\$
21	Crack Sealing	LS	1	\$	\$
22	Rubberized Chip Seal	SY	3,770	\$	\$
23	Polymer Modified Type II Slurry Seal	SY	15,058	\$	\$
24	Adjust Water Valve Box and Cover to Grade	EA	11	\$	\$
25	Adjust Water Meter Box and Cover to Grade	EA	3	\$	\$
26	Adjust Sanitary Sewer Manhole Frame and Cover to Grade	EA	2	\$	\$
27	Adjust Survey Monument Box and Cover to Grade	EA	1	\$	\$
28	Adjust Unknown Box to Grade	EA	4	\$	\$
29	Adjust Electrical Box and Cover to Grade	EA	2	\$	\$
30	Adjust Instrumentation Pullbox to Grade	EA	5	\$	\$
31	Remove Thermoplastic Markings and Striping, Lane Markers, and Delineators	LS	1	\$	\$
32	Thermoplastic Traffic Stripe - 4-inch Stripe (White, Yellow, or Blue)	LF	2,886	\$	\$
33	Thermoplastic Pavement Markings (Arrows, Symbols, and Words; White or Yellow)	SF	20	\$	\$
34	Parking Bumper	EA	9	\$	\$
35	R7-8b Sign	EA	1	\$	\$
36	R99C Sign	EA	1	\$	\$
37	Sign Post	EA	1	\$	\$
Allowances (Also refer to Exhibit H, Section 01 21 00 – Allowances)					
1	Environmental Monitoring and Work suspension allowance (includes unanticipated Work disruptions due to bird nesting, protected species, and cultural resources)	EA	1	\$	\$75,000
2	Hazardous waste disposal allowance (includes costs for unexpected hazardous wastes encountered)	EA	1	\$	\$50,000
3	Dike/curb damage repair allowance (includes costs for reconstruction of existing AC dikes due to unintended damage)	EA	1	\$	\$90,000
TOTAL					\$

FOR INFORMATION ONLY:

TAX FOR MATERIALS: _____

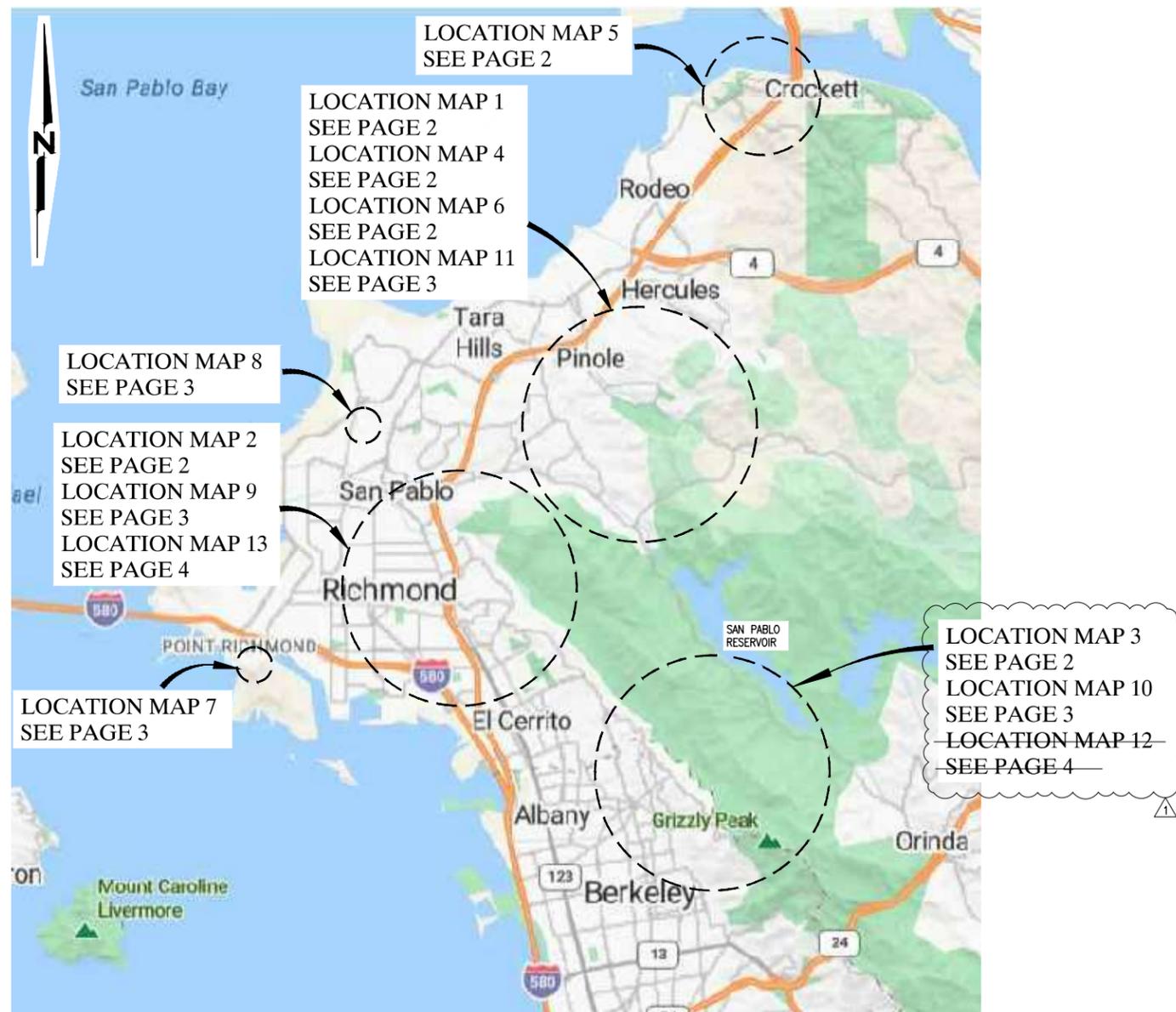
GRAND TOTAL (TOTAL LUMP SUM INCLUDING ANY TAX): _____



**EXHIBIT G
PROJECT DRAWINGS**

PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1

PROJECT NO. 10625-G



VICINITY MAP
NTS

SHEET INDEX	
PAGE NO	SHEET TITLE
1	TITLE SHEET
2	LOCATION MAP 1-6
3	LOCATION MAP 7-11
4	LOCATION MAP 12-13
5	NOTES, LEGEND AND ABBREVIATIONS
6	CORE SUMMARY TABLE
7	IMPROVEMENT PLAN ARGYLE NO. 1 RES. "A1" 9+50 TO "A1" 16+50
8	IMPROVEMENT PLAN ARGYLE NO. 2 RES. "A2" 9+50 TO "A2" 15+50
9	IMPROVEMENT PLAN ARGYLE NO. 2 RES. "A2" 15+50 TO "A2" 23+34
10	IMPROVEMENT PLAN ARLINGTON RES. "A3" 9+50 TO "A3" 14+50
11	IMPROVEMENT PLAN ARLINGTON RES. "A3" 14+50 TO "A3" 17+15
12	IMPROVEMENT PLAN BERKELEY VIEW RES. "B1" 9+50 TO "B1" 15+84
13	IMPROVEMENT PLAN BERRYMAN STATION "B2" 9+50 TO "B2" 11+97
14	IMPROVEMENT PLAN BERRYMAN RES. "B3" 9+50 TO "B3" 16+29
15	IMPROVEMENT PLAN CASTRO RES. "C1" 9+50 TO "C1" 16+50
16	IMPROVEMENT PLAN CASTRO RES. "C1" 16+50 TO "C1" 18+78
17	IMPROVEMENT PLAN CROCKETT RES. "C2" 9+50 TO "C2" 17+50
18	IMPROVEMENT PLAN CROCKETT RES. "C2" 17+50 TO "C2" 18+04
19	IMPROVEMENT PLAN MENDOCINO RES. "M" 9+50 TO "M" 14+50
20	IMPROVEMENT PLAN NICHOLL KNOB RES. "N1" 9+50 TO "N1" 16+50
21	IMPROVEMENT PLAN NICHOLL KNOB RES. "N1" 16+50 TO "N1" 21+74
22	IMPROVEMENT PLAN NORTH CENTER "N2" 9+50 TO "N2" 13+50
23	IMPROVEMENT PLAN NORTH CENTER "N2" 13+50 TO "N2" 17+25
24	IMPROVEMENT PLAN PEARL RES. "P" 9+50 TO "P" 17+50
25	IMPROVEMENT PLAN PEARL RES. "P" 17+50 TO "P" 23+87
26	IMPROVEMENT PLAN SAN PABLO RES. 60 "S1" 9+50 TO "S1" 15+50
27	IMPROVEMENT PLAN SAN PABLO RES. 60 "S1" 15+50 TO "S1" 22+50
28	IMPROVEMENT PLAN SAN PABLO RES. 60 "S1" 22+50 TO "S1" 23+74
29	IMPROVEMENT PLAN SAN PABLO RES. 70 "S2" 9+50 TO "S2" 15+50
30	IMPROVEMENT PLAN SAN PABLO RES. 70 "S2" 15+50 TO "S2" 22+50
31	IMPROVEMENT PLAN SAN PABLO RES. 70 "S2" 22+50 TO "S2" 30+57
32	IMPROVEMENT PLAN SAN PABLO RES. 80 "S3" 9+50 TO "S3" 13+60
33	IMPROVEMENT PLAN SAN PABLO RES. 90 "S4" 9+50 TO "S4" 17+50
34	IMPROVEMENT PLAN SAN PABLO RES. 90 "S4" 17+50 TO "S4" 25+68
35	IMPROVEMENT PLAN SHASTA RES. "S5" 9+50 TO "S5" 15+85
36	IMPROVEMENT PLAN SHAWN PUMP PLANT "S6" 9+50 TO "S6" 12+61
37	IMPROVEMENT PLAN SHAWN RES. "S7" 9+50 TO "S7" 14+50
38	IMPROVEMENT PLAN SHAWN RES. "S7" 14+50 TO "S7" 15+83
39	IMPROVEMENT PLAN TEWKSBURY PLANT "T1" 9+50 TO "T1" 10+85
40	CIVIL DETAILS 1
41	CIVIL DETAILS 2
42	CIVIL DETAILS 3
43	CIVIL DETAILS 4
44	CIVIL DETAILS 5
45	CIVIL DETAILS 6
46	DRAINAGE DETAILS
47	ADA DETAILS 1

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DATE: 12/10/2025



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OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
GENERAL

TITLE SHEET

PG. 1

PROJ NO. 10625-G	10625-G-001	0
SCALE NO SCALE		
DATE	STRUCT.	DISC.
	NUMBER	REV.

PLOT SCALE:

USER:
DATE:
FILE:



ENGINEER
NCE
1144 65th Street, Suite B
Oakland, CA 94608
(510) 250-9189

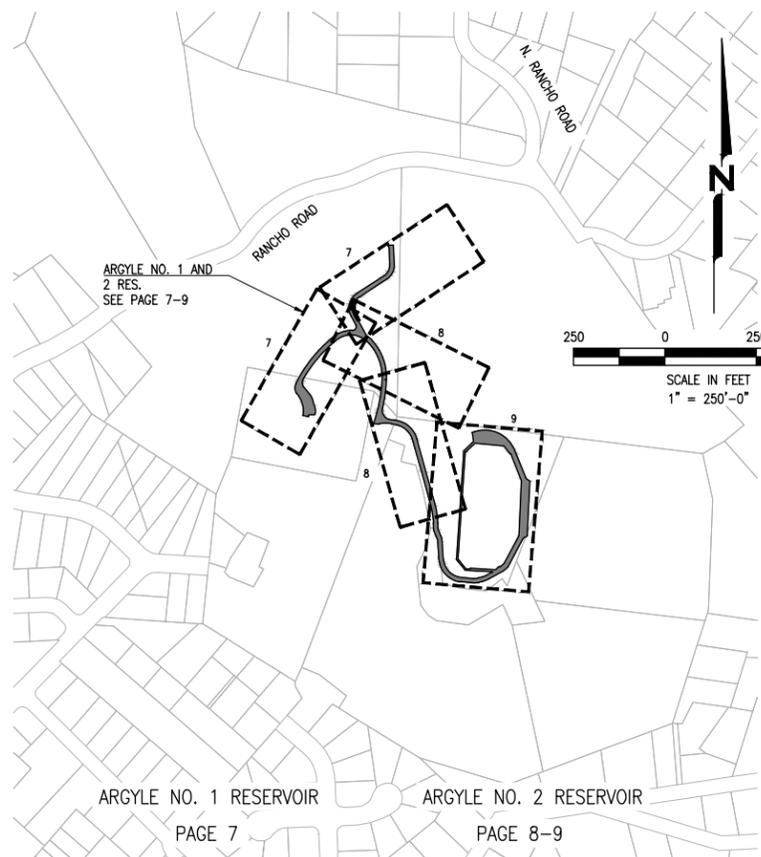
PREPARED UNDER THE DIRECTION OF:
Victor Lemus
VICTOR LEMUS, P.E.
SENIOR ENGINEER, NCE
DATE: 12/10/2025

NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL

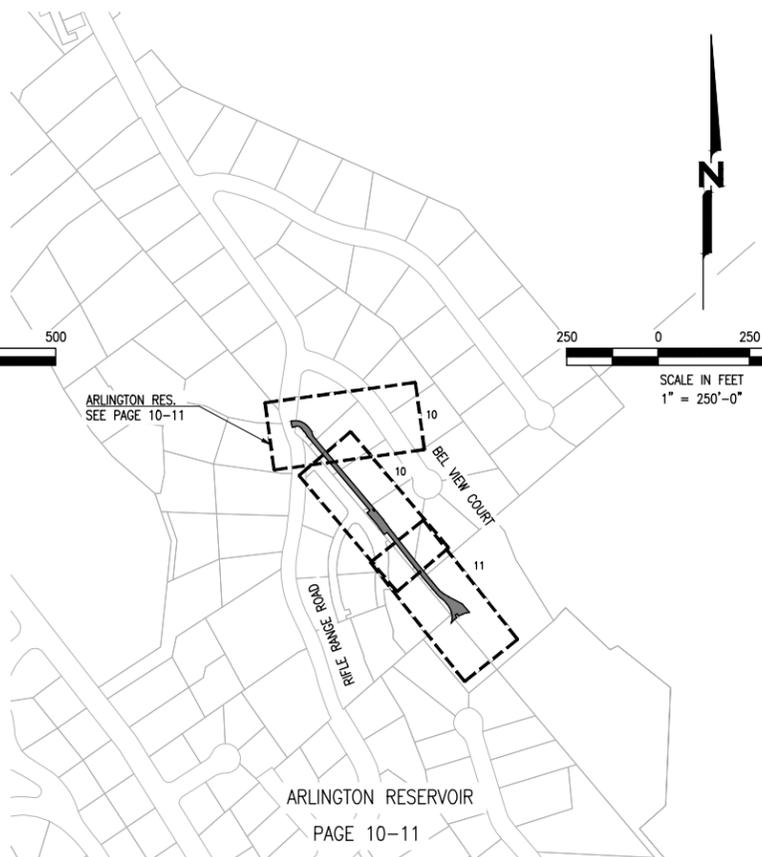


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375 11th Street
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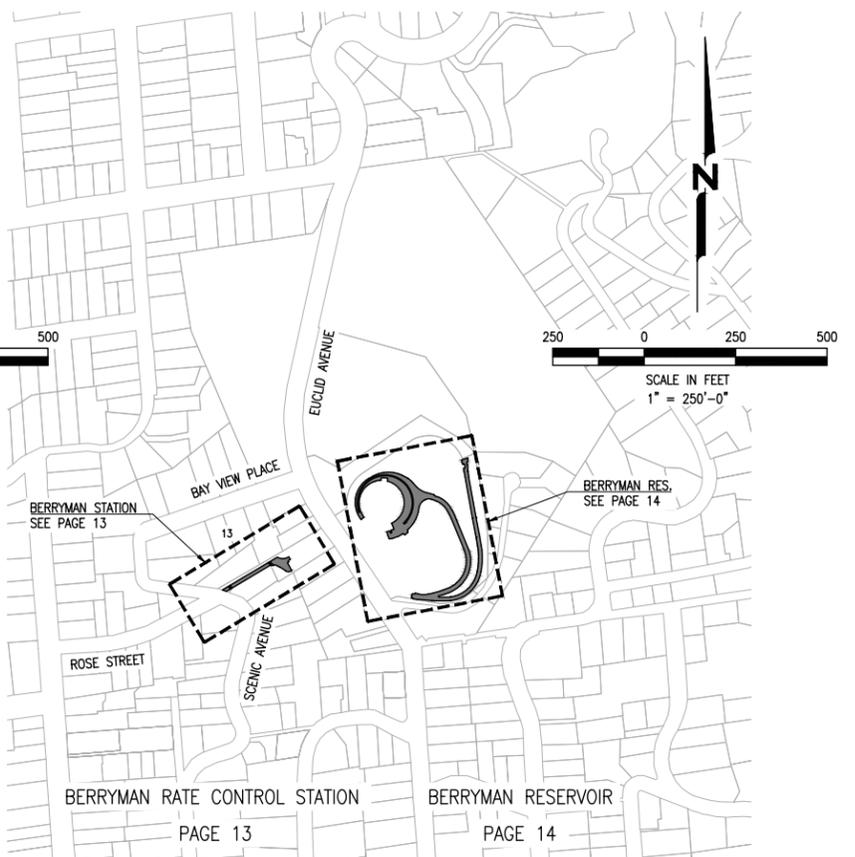
DESIGNED BY: VICTOR LEMUS	PROJECT MANAGER: R.P.E. NO.
DESIGN CHECKED BY: FRANK HADJIDIMAKIS	PROJECT ENGINEER: R.P.E. NO.
DRAWN BY: SARAH WOODLIN, DIANA BASHARAW	RECOMMENDED BY: CIVIL ENGR. R.P.E. NO.
APPROVED: VICTOR LEMUS	APPROVED FOR CONSTRUCTION: R.P.E. NO.
PRINCIPAL IN CHARGE, R.P.E. NO. 602349 RYAN SHAWER	



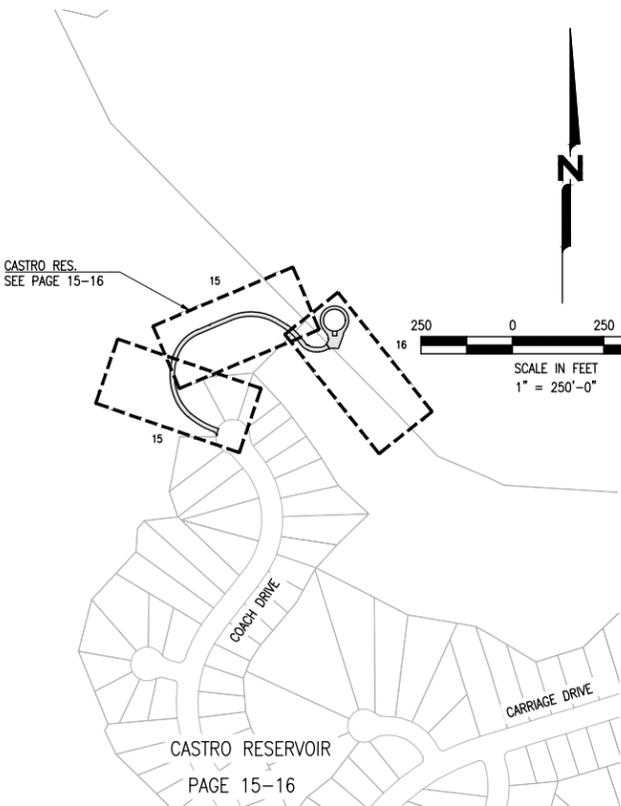
LOCATION MAP 1
EL SOBRANTE



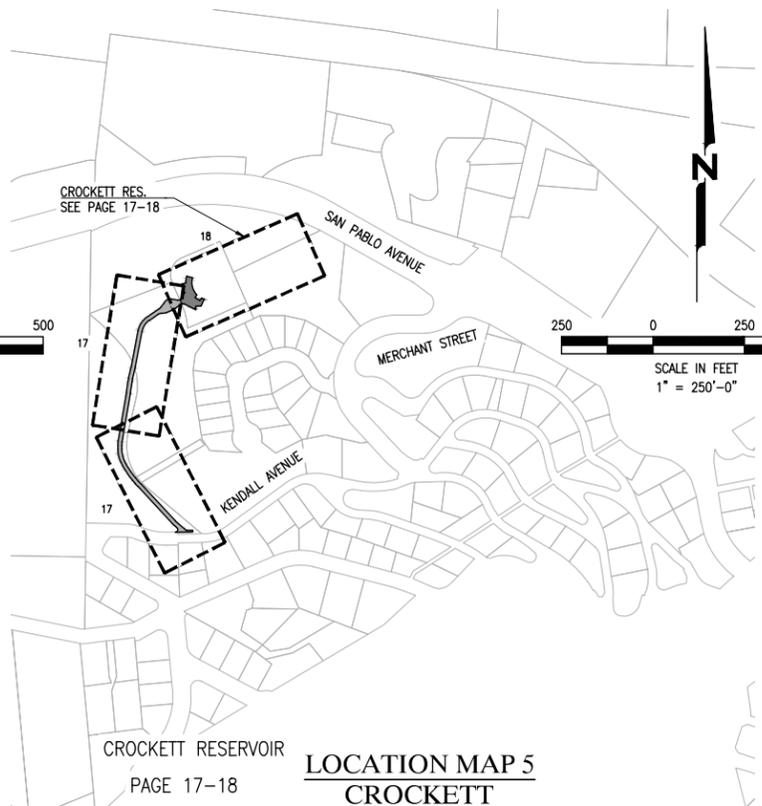
LOCATION MAP 2
EL CERRITO



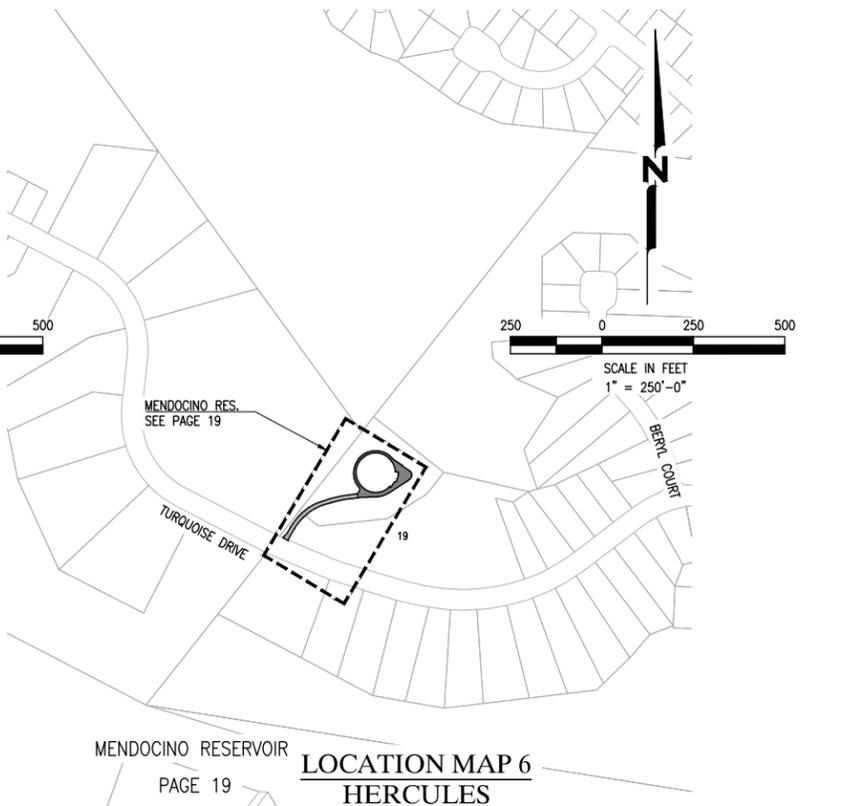
LOCATION MAP 3
BERKELEY



LOCATION MAP 4
RICHMOND



LOCATION MAP 5
CROCKETT



LOCATION MAP 6
HERCULES

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BIDDING
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EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
GENERAL

LOCATION MAP 1-6

PG. 2

NO.	DATE	REVISION	BY	REC.	APP.



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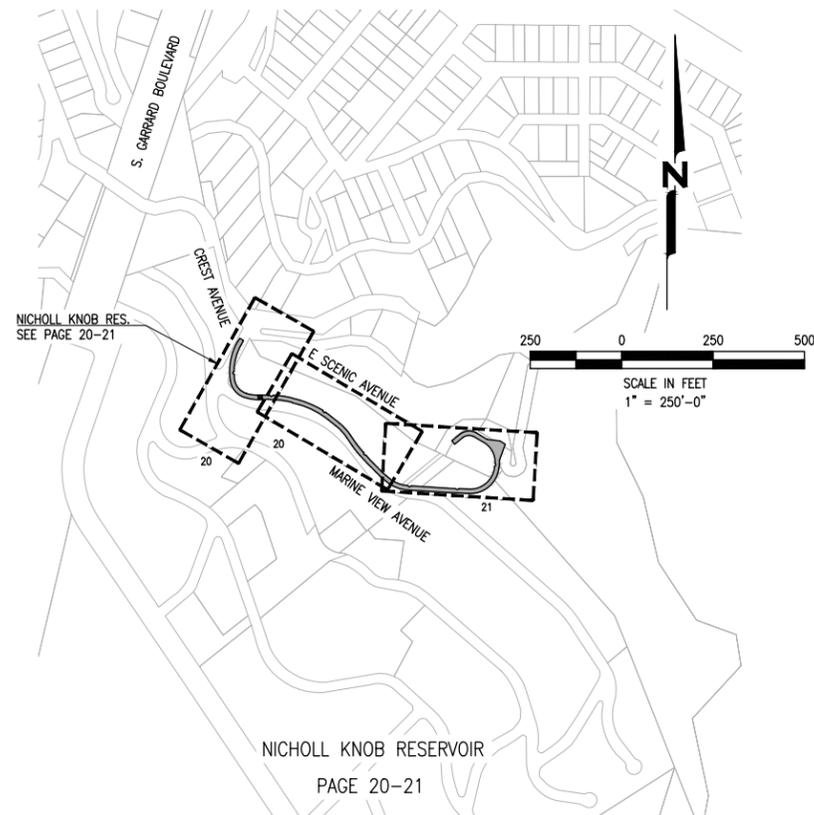
DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIF, DIANA BASHARAW
SEAL PROJ. ENGR.	VICTOR LEWIS
SEAL CIVIL ENGR.	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
FOR CONSTRUCTION	R.P.E. NO.

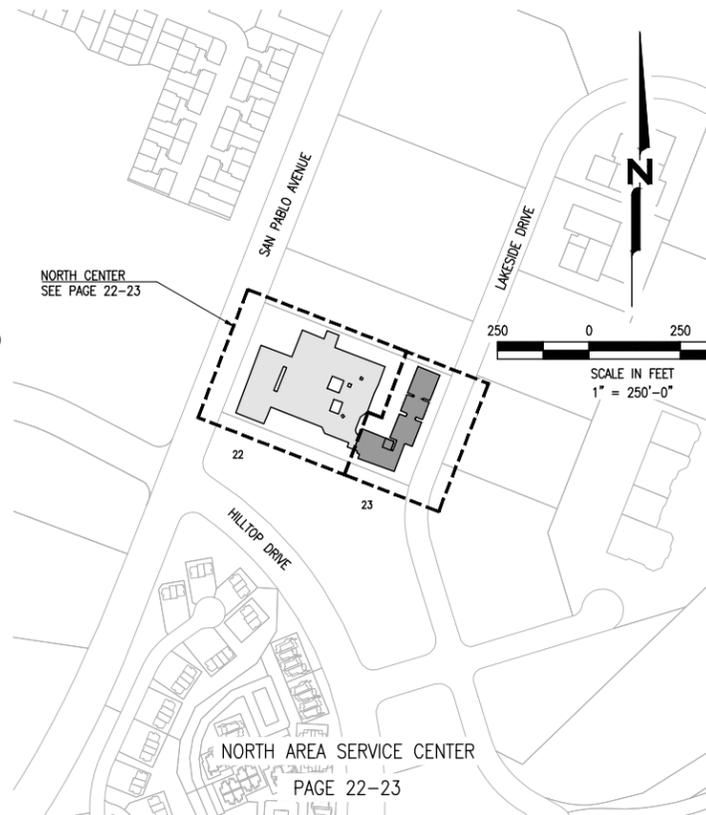
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DATE		STRUCT.	DISC.
		NUMBER	REV.

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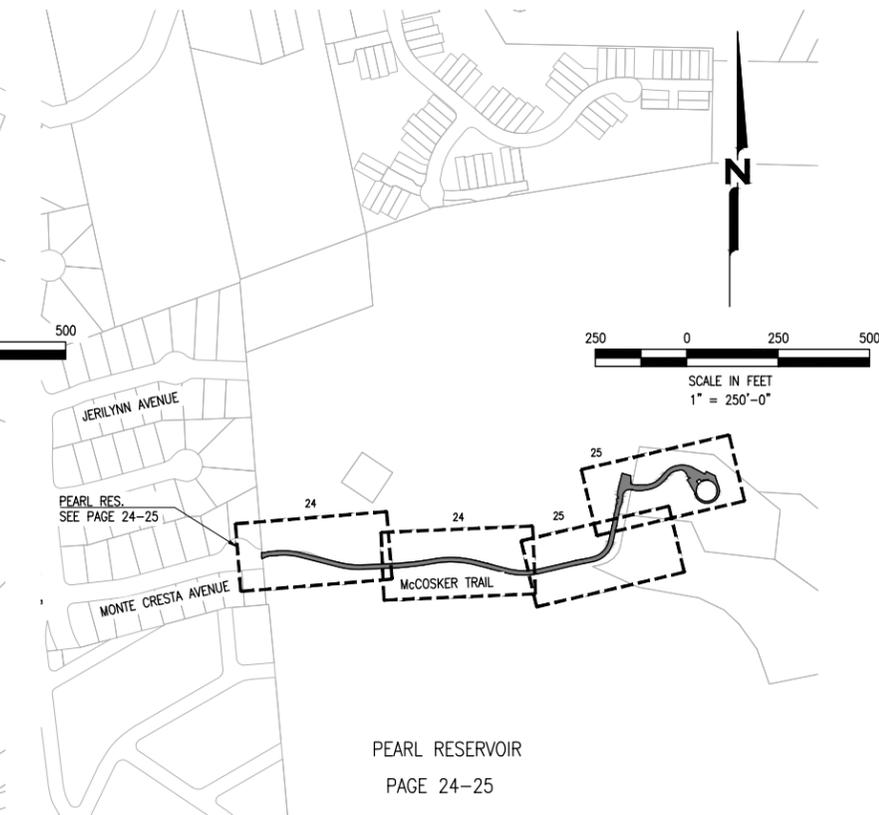




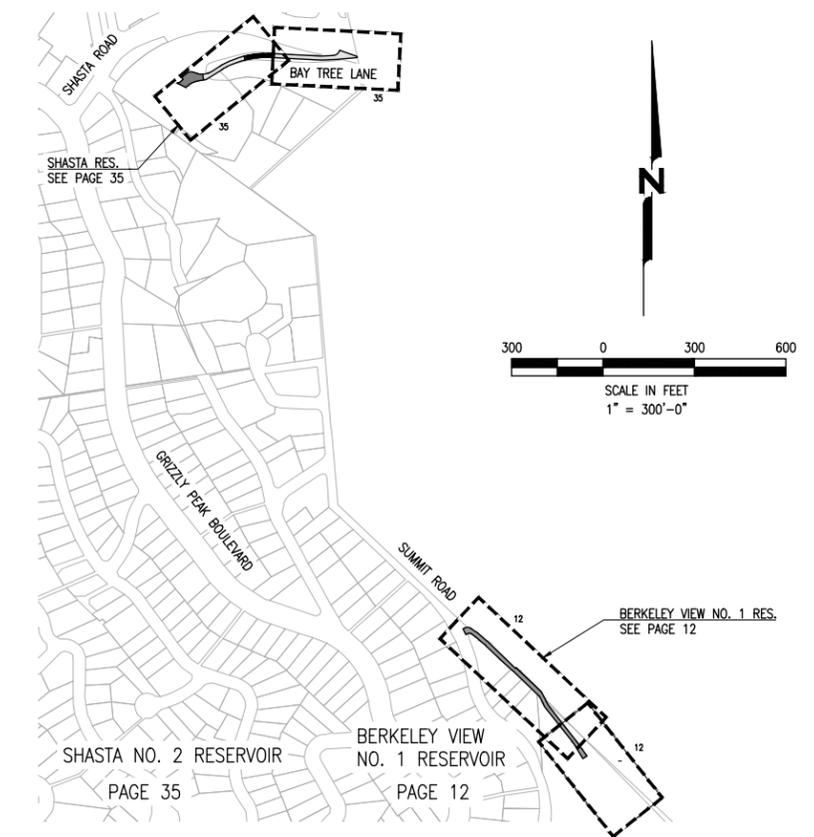
LOCATION MAP 7
RICHMOND



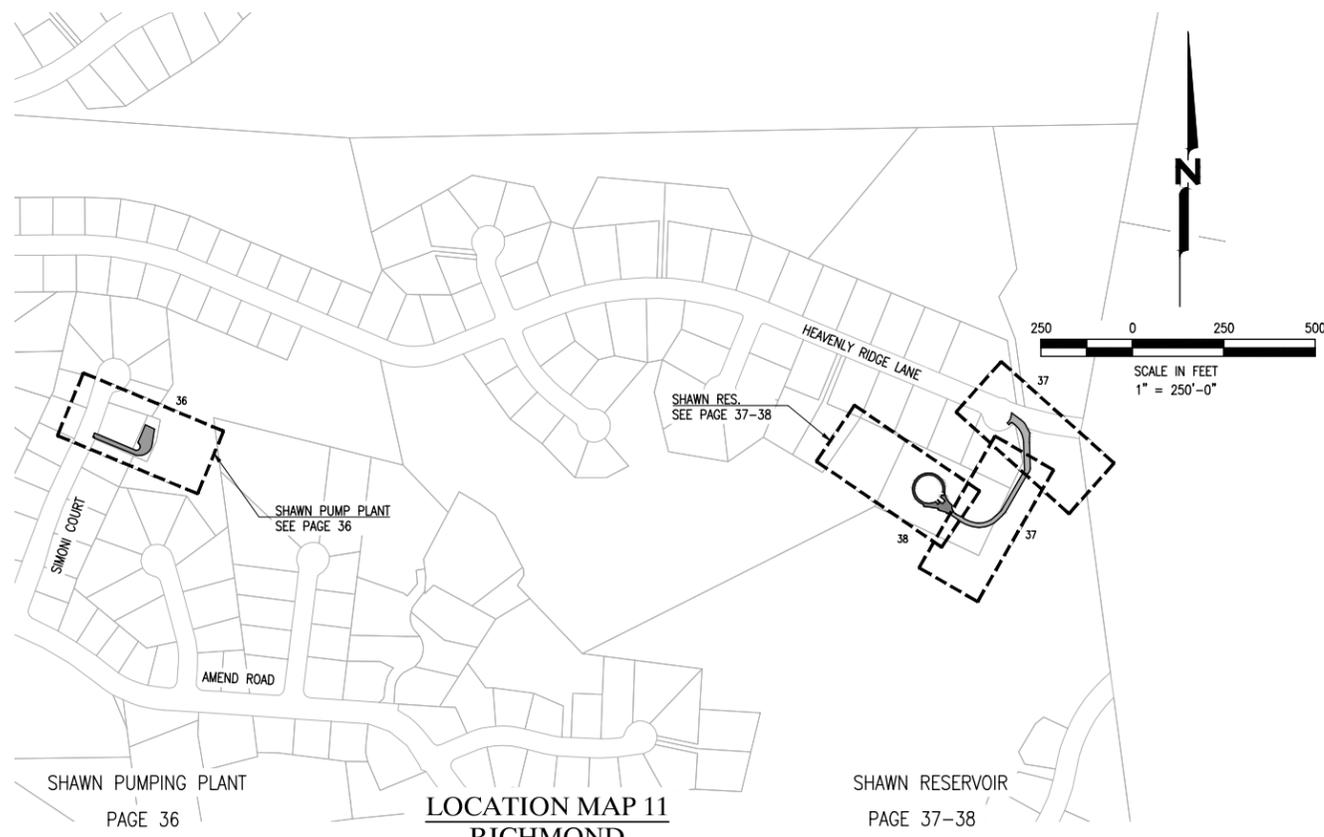
LOCATION MAP 8
SAN PABLO



LOCATION MAP 9
RICHMOND



LOCATION MAP 10
BERKELEY



LOCATION MAP 11
RICHMOND

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YEAR 1
GENERAL

LOCATION MAP 7-11

PG. 3



USER: PLOT SCALE:
DATE:
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NO.	DATE	REVISION	BY	REC.	APP.

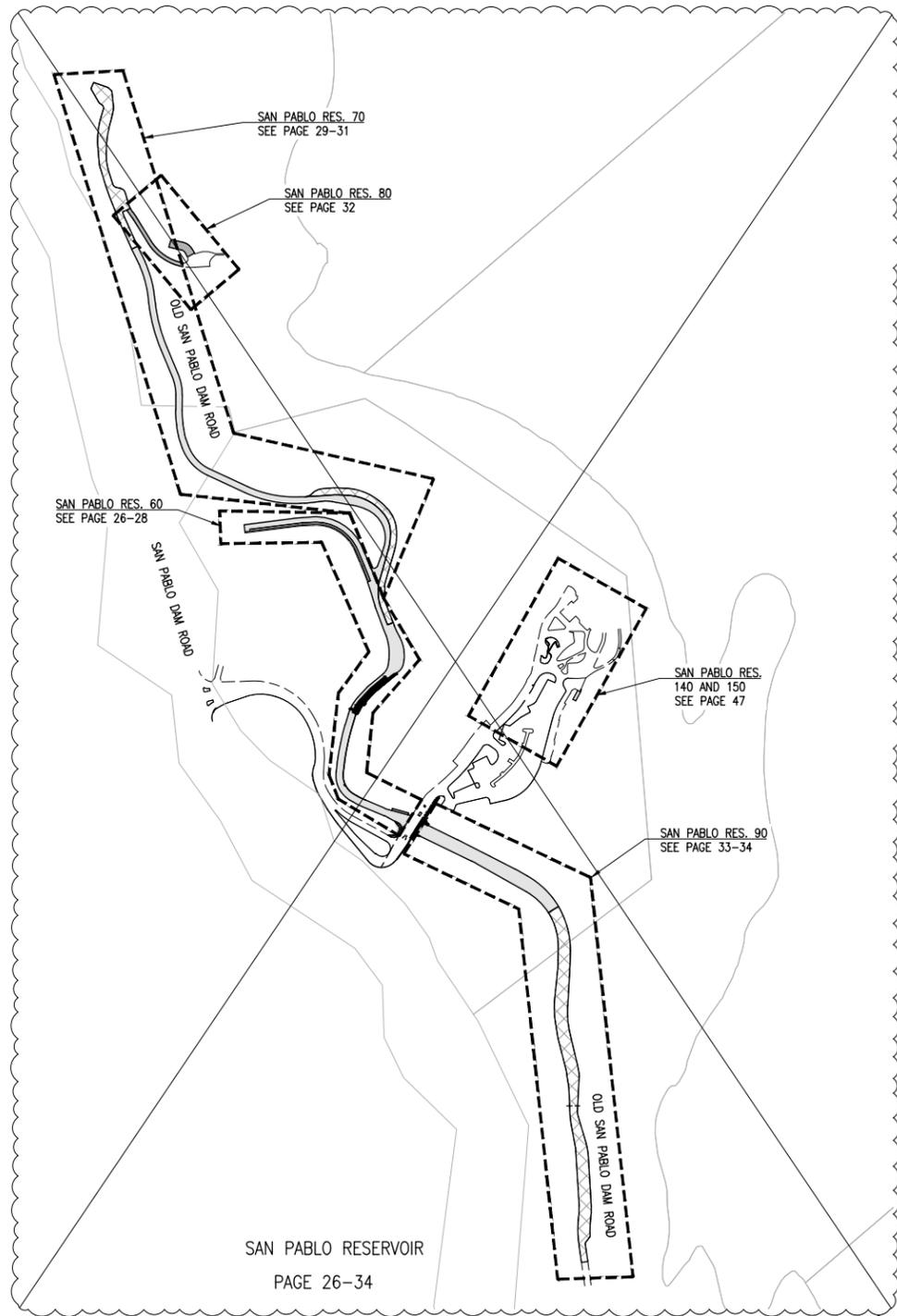


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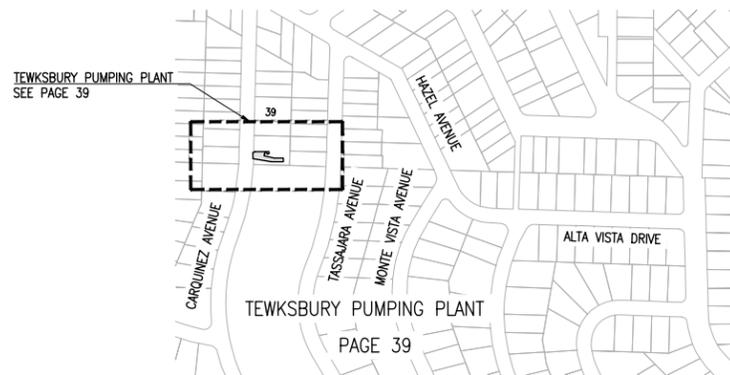
DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIF, DIANA BASHARAW
SE. PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. 107719	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE. CIVIL ENGR.	R.P.E. NO.
APPROVED	R.P.E. NO.
FOR CONSTRUCTION	R.P.E. NO.

PROJ. NO.	10625-G	10625-G-003	0
SCALE	AS NOTED		
DATE		STRUCT.	DISC.
		NUMBER	REV.



LOCATION MAP 12
EL SOBRANTE



LOCATION MAP 13
EL CERRITO

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YEAR 1
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LOCATION MAP 12-13

PG. 4

PROJ. NO. 10625-G	10625-G-004	0
SCALE 1" = 250'		
DATE	STRUCT.	DISC. NUMBER REV.

NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



East Bay Municipal
Utility District (EBMUD)
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Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKAKIS
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SE. PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. 107799	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE. CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.



USER: FILE:
DATE:
PLOT SCALE:

GENERAL NOTES

- THESE DRAWINGS AND SPECIFICATIONS ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW AND COORDINATION OF THESE DRAWINGS AND SPECIFICATIONS PRIOR TO 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 MAY BE ISSUED. WORK NOT CONFORMING TO THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE DISTRICT.
- DRAWING BASE MAP IS BASED ON PARCEL INFORMATION AVAILABLE ON ALAMEDA AND CONTRA COSTA COUNTY'S GIS WEBSITE. PARCEL LINES FOR AREAS OWNED BY EBMUD AND EBMUD RIGHT OF WAY WERE PROVIDED BY EBMUD.
- SPECIFIC NOTES AND DETAILS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATIONS AND DEPTH OF EXISTING FACILITIES AND TO IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY FIELD CONFLICTS.
- ALL MATERIALS AND WORKMANSHIP SHALL FULLY CONFORM TO SECTION 01 61 00.
- CONTRACTOR SHALL MEET WITH DISTRICT PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL GIVE FIVE (5) WORKING DAYS ADVANCE NOTICE FOR INSPECTION OF HOT-MIX ASPHALT AND FOR TESTING OF PROJECT MATERIALS AND SYSTEMS. CONTRACTOR SHALL GIVE 48 HOURS ADVANCE NOTICE FOR INSPECTION OF ALL OTHER MATERIALS PRIOR TO USE.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE SITE INSPECTIONS AND ENSURE THAT ALL CURRENT STANDARDS OF EBMUD AND THE LATEST CALTRANS STANDARDS ARE FOLLOWED PRIOR TO BEGINNING ANY PHASE OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
- WORK HOURS AND WORK RESTRICTIONS SHALL BE PER SECTION 01 14 00.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MATERIAL SAMPLING AND TESTING FOR QUALITY CONTROL. THE DISTRICT WILL BE RESPONSIBLE FOR HIRING AN INDEPENDENT THIRD PARTY TO SAMPLE AND TEST INSTALLED MATERIALS TO DETERMINE COMPLIANCE WITH THE LATEST CALTRANS STANDARD SPECIFICATIONS, ASTM, AND CALIFORNIA TEST METHODS. RETESTING SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
- DUST CONTROL SHALL BE PER SECTION 01 35 44. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN GOOD HOUSEKEEPING WITHIN THE CONSTRUCTION AREA AND STAGING AREA.
- AIR QUALITY CONTROL SHALL BE PER SECTION 01 35 44.
- A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 15 DAYS PRIOR TO START OF WORK PER SECTION 01 55 26.
- BIDDERS SHOULD NOTE THE PRESENCE OF OVERHEAD UTILITIES IN THE WORK AREA. AS PART OF THEIR PRE-BID INSPECTION, BIDDERS SHALL NOTE THE TYPE AND LOCATION OF OVERHEAD UTILITIES IN THE PROPOSED WORK AREA. BIDDER'S PRICE SHALL INCLUDE PROVISIONS FOR WORKING IN AREAS WHERE UTILITIES EXIST AT THE TIME OF BIDDING, AND NO ADDITIONAL COMPENSATION IS ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES AND BUSINESSES AFFECTED BY THE PROJECT THROUGHOUT THE LIFE OF THE CONTRACT PER SECTION 01 55 26.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE EXISTENCE, LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.
- NOTIFICATION TO UNDERGROUND SERVICE ALERT (U.S.A.) OR 811 SHALL BE PER SECTION 01 18 05.
- THE CONTRACTOR SHALL ADJUST UTILITY FRAMES, BOXES, AND COVERS TO FINISH GRADE, AS SHOWN IN THE PLANS.
- ANY DAMAGE TO THE EXISTING FACILITIES INCLUDING BUT NOT LIMITED TO TREES, LANDSCAPING, IRRIGATION, FENCES, WALLS, SIDEWALK, MAILBOXES, UTILITIES, AND OTHER PAVEMENT SURFACES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL RESTORE ANY AND ALL PAVEMENT AND OTHER FACILITIES OUTSIDE LIMITS OF WORK AFFECTED BY THE CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VIDEOTAPE OR DOCUMENT EXISTING CONDITIONS PRIOR TO START OF WORK TO SUBSTANTIATE ANY PREVIOUS DAMAGE, ETC.; COPIES OF WHICH SHALL BE PROVIDED TO THE ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THEIR WORK AREA FROM DAMAGE.
- SURVEY MONUMENTS SHALL ONLY BE RESET BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR IN THE STATE OF CALIFORNIA AT THE DIRECTION OF THE ENGINEER.
- STRIPING AND MARKINGS IN ROADWAYS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL POSSESS A VALID CLASS 'A' LICENSE AT THE TIME OF AWARD OF THE CONTRACT.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A 4 WEEK LOOK AHEAD SCHEDULE AT WEEKLY MEETINGS; AND DAILY SCHEDULE OF PLANNED WORK A MINIMUM OF 24 HOURS IN ADVANCE FOR PAVEMENT REMOVAL, BASE REPAIR, FDR, SUBGRADE STABILIZATION, OVER-EXCAVATION, ASPHALT CONCRETE PAVING, TRAFFIC STRIPING AND CONCRETE WORK FOR EACH PROJECT LOCATION. FOR HOT MIX ASPHALT ADVANCE NOTICE SEE NOTE 6.

ALIGNMENT NAMING CONVENTION

"A1" 10+00, (0.0) - ARGYLE NO. 1 RESERVOIR

"A1": "A" REPRESENTS THE FACILITY NAME. NUMBER "1" REPRESENTS THE NUMBER OF FACILITIES THAT BEGIN WITH "A". IF MULTIPLE FACILITIES BEGIN WITH THE SAME LETTER A NUMBER WILL BE ASSIGNED IN INCREASING FASHION TO THE FACILITIES PER ALPHABETICAL ORDER. ARGYLE NO. 1 RESERVOIR WILL BE LABELED "A1", ARGYLE NO. 2 RESERVOIR WILL BE LABELED "A2", ARLINGTON RESERVOIR WILL BE LABELED "A3", ETC.

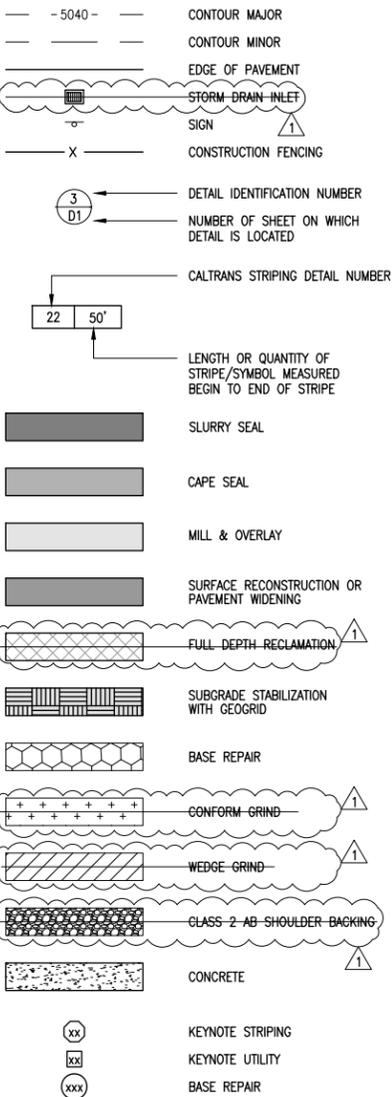
10+00: THIS NUMBER REPRESENTS THE STATION THAT THE CALL OUT IS DIRECTED TO.

(0.0'): THIS NUMBER REPRESENTS THE OFFSET DISTANCE FROM THE CENTERLINE ALIGNMENT THAT THE CALL OUT IS DIRECTED TO.

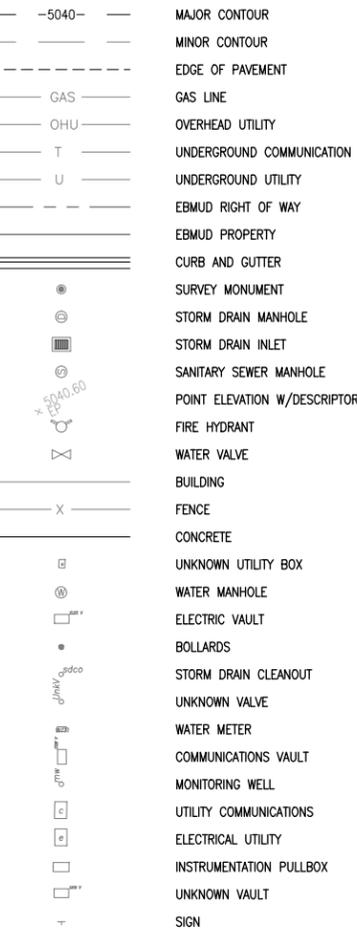
"A1" 10+00.00, (0.0')
BEGIN XXXX SY±
TREATMENT

LEGEND

PROPOSED FEATURES



EXISTING FEATURES



UTILITY KEYNOTES:

- WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
 - FIRE HYDRANT; PROTECT IN PLACE.
 - CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - SDMH; PROTECT IN PLACE.
 - SDCO; PROTECT IN PLACE.
 - SSMH; PROTECT IN PLACE.
 - WATER METER; ADJUST WATER METER BOX AND COVER TO FG.
 - ELECTRICAL BOX; ADJUST ELECTRICAL BOX AND COVER TO FG.
 - STREET LIGHT; PROTECT IN PLACE.
 - OVERHEAD UTILITY POLE; PROTECT IN PLACE.
 - WATER MH; PROTECT IN PLACE.
 - BOLLARDS; PROTECT IN PLACE.
 - MONUMENT; ADJUST MONUMENT BOX AND COVER TO FG. SEE DETAIL 4/41. PROTECT SURVEY MONUMENT.
 - INSTRUMENTATION PULLBOX; PROTECT IN PLACE.
 - MONITORING WELL; PROTECT IN PLACE.
 - ELECTRICAL VAULT; PROTECT IN PLACE.
 - UNKNOWN VAULT; PROTECT IN PLACE.
 - WATER VALVE BOX; PROTECT IN PLACE.
 - UNKNOWN VALVE; PROTECT IN PLACE.
 - COMMUNICATIONS BOX; PROTECT IN PLACE.
 - ELECTRICAL BOX; PROTECT IN PLACE.
 - MONUMENT BOX; PROTECT IN PLACE.
 - WATER METER; PROTECT IN PLACE.
 - UNKNOWN BOX; ADJUST UNKNOWN BOX AND COVER TO FG.
 - COMMUNICATIONS BOX; ADJUST COMMUNICATIONS BOX AND COVER TO FG.
 - INSTRUMENTATION PULLBOX; ADJUST INSTRUMENTATION PULLBOX AND COVER TO FG.
 - CURB INLET; INSTALL STANDARD CURB INLET. SEE DETAIL 2/46.
 - VERTICAL DRAIN PIPE; PROTECT IN PLACE.
- STRIPING KEYNOTES:**
- CUSTOM ARROW 5/42
 - CALTRANS PAVEMENT MARKING "STOP" 6/42
 - CUSTOM PAVEMENT MARKING "NO PARKING" 8/42
 - CUSTOM PAVEMENT MARKING "MOTORCYCLE" 1/43
 - CUSTOM PAVEMENT MARKING "PARKING" 2/43
 - CUSTOM PAVEMENT MARKING "POLICE VEHICLES" 9/42
 - INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING 7/42

ABBREVIATIONS

NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS

AB	AGGREGATE BASE	MFG	MANUFACTURER
AC	ASPHALT CONCRETE	MH	MANHOLE
A/G	ABOVE GROUND	MAX	MAXIMUM
AT	AT	MCD	MAXIMUM DRY DENSITY
APPROX	APPROXIMATE	MJ	MECHANICAL JOINT
ASS'Y	ASSEMBLY	M	MILE
AVG	AVERAGE	MIN	MINIMUM
AWWA	AMERICAN WATER WORKS ASSOCIATION	MISC	MISCELLANEOUS
		M&F	MILL AND FILL
BC	BEGIN CURVE	N	NORTH
BMP	BEST MANAGEMENT PRACTICES	NEC	NATIONAL ELECTRICAL CODE
BOW	BACK OF WALK	NIC	NOT IN CONTRACT
BSP	BLACK STEEL PIPE	NIS	NOT TO SCALE
BW	BOTTOM OF WALL	# OR NO	NUMBER
BVC	BEGIN VERTICAL CURVE	OC	ON CENTER
		OG	ORIGINAL GRADE
		OWS	OIL/WATER SEPARATOR
C&G	CURB AND GUTTER	±	PLUS OR MINUS
CB	CATCH BASIN	PCC	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVE
CF	CUBIC FEET	PE	PERMANENT EASEMENT
CL	CENTERLINE	PL	PROPERTY LINE
CLR	CLEAR	POS	POSITIVE
CMP	CORRUGATED METAL PIPE	PRC	POINT OF REVERSE CURVE
CO	CLEAN OUT	PROP	PROPERTY
COMM	COMMUNICATION	PSL	POUNDS PER SQUARE INCH
CONC	CONCRETE	PT	POINT
CONST	CONSTRUCT	PTC	PERMISSION TO CONSTRUCT
CP	CONTROL POINT	PUE	PUBLIC UTILITY EASEMENT
CY	CUBIC YARD	PVC	POLYVINYL CHLORIDE
		PVL	POINT OF VERTICAL INTERSECTION
		PVMT	PAVEMENT
* OR DEG	DEGREE(S)	R	RADIUS
DI	DROP INLET	RES	RESERVOIR
Ø OR DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DWG	DRAWING	REVEG	REVEGETATION
DW OR DWY	DRIVEWAY	RT/R	EXISTING GRADE
		R/W, ROW	RIGHT-OF-WAY
		R+R	REMOVE AND REPLACE
E	EAST	S	SLOPE, SOUTH
EA	EACH	SCH	SCHEDULE
EASE	EASEMENT	SD	STORM DRAIN
EBRPD	EAST BAY REGIONAL PARK DISTRICT	SDR	STANDARD DIMENSION RATIO
EG	END OF CURVE	SDMH	STORM DRAIN MANHOLE
EC	EXISTING GRADE	SF	SQUARE FOOT/FEET
ELEC	ELECTRIC	SG	SUBGRADE
EP	EDGE OF PAVEMENT	SHT	SHEET
EL	ELEVATION	SSMH	SANITARY SEWER MANHOLE
EVC	END OF VERTICAL CURVE	SSCO	SANITARY SEWER CLEAN OUT
EX	EXISTING	SS	SANITARY SEWER, STAINLESS STEEL
		STA	STATION
		STD	STANDARD
		SY	SQUARE YARD
		TBC	TOP BACK OF CURB
		TC	TOP OF CURB
		TCE	TEMPORARY CONSTRUCTION EASEMENT
		TW	TOP OF WALL
		TYP	TYPICAL
		UGE	UNDERGROUND ELECTRIC
		UGT	UNDERGROUND TELEPHONE
		U/G	UNDERGROUND
		VC	VERTICAL CURVE
		VG	VALLEY GUTTER
		W	WATER OR WEST
		WL	WATER LINE
		W/	WITH
		WM	WATER METER

PLOT SCALE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



East Bay Municipal Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJISIEGEL
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SE, PROJ. ENGR.	VICTOR LEWIS
REGISTERED CIVIL ENGR.	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	602349 RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	
APPROVED	
FOR FACILITIES MAINTENANCE AND CONSTRUCTION	R.P.E. NO.



Know what's below. Call before you dig.

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 GENERAL			
NOTES, LEGEND AND ABBREVIATIONS			
PROJ. NO.	10625-G		PG. 5
SCALE	NO SCALE	10625-G-005	0
DATE		STRUCT.	DISC.
		NUMBER	REV.

SECTION ID	LOT LOCATION	NO. OF CORE	CORE ID (1)	DIRECTION	FABRIC DEPTH (IN.)	ASPHALT CONCRETE (AC) LAYER					AGGREGATE BASE (AB) LAYER		SUBGRADE LAYER				
						DEPTH FROM SURFACE TO THE BOTTOM OF LAYERS (IN.)					TOTAL THICKNESS (IN.) (2)	UNDERLYING MATERIAL (3)	PRESENCE / THICKNESS FROM CORE (IN.)	TYPES OF SOIL (4)	R-VALUE	MOISTURE CONTENT (%)	PLASTICITY INDEX (PI)
						LAYER1	LAYER2	LAYER3	LAYER4	LAYER5							
10	BERKELEY VIEW NO. 1 RESERVOIR - 58	2	BRV -1 BULK	SB	NO FABRIC	1.50	-	-	-	-	1.50	CLAY	NO AB	CL	12.2	19.4	10
			BRV -4	NB	NO FABRIC	2.25	-	-	-	-	2.25	AB	5.25	-	-	-	-
10	CASTRO RESERVOIR - 74	1	CSTR -1	WB	NO FABRIC	2.25	3.25	-	-	-	3.25	AB	8.25	-	-	-	-
20	CASTRO RESERVOIR - 74	1	CSTR -3	WB	NO FABRIC	3.25	-	-	-	-	3.25	AB	7.00	-	-	-	-
10	NORTH AREA SERVICE CENTER - 19	1	NSC -2 OPT	EB	NO FABRIC	2.25	-	-	-	-	2.25	AB	10.75	-	-	-	-
20	NORTH AREA SERVICE CENTER - 19	1	NSC -3 BULK	NB	NO FABRIC	2.00	5.00	-	-	-	5.00	AB	13.00	CL	11	33.2	18
50	SAN PABLO RESERVOIR - 41	2	SPD -1 BULK	WB	NO FABRIC	2.00	4.25	-	-	-	4.25	AB	7.00	CL	12.8	18.3	13
			SPD -2	WB	2.00	-	-	-	-	-	5.75	AB	9.25	-	-	-	-
			SPD -9	EB	NO FABRIC	3.50	-	-	-	-	3.50	AB	3.50	-	-	-	-
60	SAN PABLO RESERVOIR - 41	3	SPD -11 BULK	EB	NO FABRIC	0.75	2.25	3.50	6.25	8.75	8.75	CLAY	NO AB	CL	11	21.5	20
			SPD -13	WB	NO FABRIC	1.75	-	-	-	-	1.75	AB	9.00	-	-	-	-
			SPD -14	NB	NO FABRIC	1.50	4.50	10.75	-	-	10.75	CLAY	NO AB	-	-	-	-
			SPD -16	WB	NO FABRIC	2.75	-	-	-	-	2.75	AB	9.50	-	-	-	-
			SPD -18 BULK	NB	NO FABRIC	2.75	-	-	-	-	2.75	AB	8.00	CL	15.6	14.2	15
			SPD -20	NB	NO FABRIC	3.25	-	-	-	-	3.25	AB	5.75	-	-	-	-
80	SAN PABLO RESERVOIR - 41	1	SPD -21	WB	NO FABRIC	4.50	-	-	-	-	4.50	AB	8.25	-	-	-	-
140	SAN PABLO RESERVOIR - 41	1	SPD -23	EB	2.25	2.25	4.75	-	-	-	4.75	AB	4.75	-	-	-	-
10	SHASTA NO. 2 RESERVOIR - 184	1	SRV -1 BULK	WB	NO FABRIC	2.00	3.00	5.00	6.50	-	6.50	CLAY	NO AB	CL	12.7	14.8	14
20	SHASTA NO.2 RESERVOIR - 184	1	SRV -3	EB	NO FABRIC	2.00	-	-	-	-	2.00	AB	7.75	-	-	-	-
10	SHAWN PUMPING PLANT - 346	1	SHWN -1	WB	NO FABRIC	2.00	-	-	-	-	2.00	AB	8.75	-	-	-	-
10	TEWKSBURY PUMPING PLANT - 357	1	TPP -1	NB	NO FABRIC	3.25	-	-	-	-	3.25	AB	6.00	-	-	-	-
90	SAN PABLO RESERVOIR - 41	3	SPD - 4 BULK	SB	NO FABRIC	1.50	-	-	-	-	1.50	AB	9.00	CL	17.7	25.7	19
			SPD -6	SB	NO FABRIC	2.00	-	-	-	-	2.00	AB	5.00	-	-	-	-
			SPD -8	SB	NO FABRIC	3.75	-	-	-	-	3.75	AB	3.50	-	-	-	-

NOT IN CONTRACT

NOTES:

- CORE NUMBERS MAY NOT BE NUMERICALLY SEQUENTIAL. OPTIONAL CORE LOCATIONS WERE INCLUDED IN THE NUMBERING SEQUENCE TO ACCOUNT FOR LOCATIONS THAT COULD NOT BE CORED DUE TO OBSTRUCTIONS/CONFLICTS.
- TOTAL AC THICKNESS NOTED IS FOR LOCATION OF CORE SAMPLE ONLY AND AC THICKNESS MAY VARY ELSEWHERE
- AB: AGGREGATE BASE
- CL: LOW PLASTICITY INORGANIC CLAY

PAVEMENT TREATMENTS					
LOT LOCATION	BEGIN	END	AREA (SY)	TREATMENT	
ARGYLE NO. 1 RESERVOIR - 48	1386' EAST FROM THE INTERSECTION BETWEEN RANCHO RD AND ANDREWS WAY, EL SOBRANTE	620' AC ROAD TO THE END OF THE #1 RESERVOIR	1,076	SLURRY SEAL	
ARGYLE NO. 2 RESERVOIR - 49	430' SOUTH FROM THE 1ST GATE AT RANCHO RD, EL SOBRANTE	890' S/E TO THE 2ND RESERVOIR GATE	1,186	SLURRY SEAL	
ARGYLE NO. 2 RESERVOIR - 49	AT GATE OF #2 RESERVOIR	END	1,373	SLURRY SEAL	
ARLINGTON RESERVOIR - 51	RIFLE RANGE RD	SOUTH END	1,180	SLURRY SEAL	
BERKELEY VIEW NO. 1 RESERVOIR - 58	NEAR HOUSE# 1363 SUMMIT RD, BERKELEY	581' S/E TO 2ND GATE	877	SURFACE RECONSTRUCTION: REMOVE 3" SURFACING AND BASE WITH 3" HMA OVERLAY	
BERRYMAN RATE CONTROL STATION - 1576	1330 EUCLID AVE, BERKELEY	END	292	SLURRY SEAL	
BERRYMAN RESERVOIR - 1577	1375 EUCLID AVE, BERKELEY	INNER LOOP NEAR RESERVOIR PARKING	2,372	SLURRY SEAL	
CASTRO RESERVOIR - 74	END OF COACH DR, RICHMOND	665' N/E TP 2ND GATE	1,011	1.5" MILL AC WITH 1.5" HMA OVERLAY	
CASTRO RESERVOIR - 74	2ND GATE	END	365	1.5" MILL AC WITH 1.5" HMA OVERLAY	
CROCKETT RESERVOIR - 85	NEAR 550 KENDALL AVE, CROCKETT	730' NORTH TO 2ND GATE	1,032	CAPE SEAL	
CROCKETT RESERVOIR - 85	AT 2ND GATE	END	302	CAPE SEAL - SLURRY SEAL	
MENDOCINO RESERVOIR - 138	1413' S/E FROM INTERSECTION BETWEEN TURQUOISE DR AND ONYX CT, HERCULES	234' N/E TO 2ND GATE	831	CAPE SEAL & SLURRY SEAL	
NICHOLL KNOB RESERVOIR - 376	END OF CREST AVE, RICHMOND AT EBRP GATE #61-3	END	1,657	CAPE SEAL	
NORTH AREA SERVICE CENTER - 19	MAIN GATE AT 3999 LAKESIDE DR, RICHMOND	INCLUDES SMALL CAR PARKING LOT AFTER MAIN GATE	2,484	SURFACE RECONSTRUCT: REMOVE 3" SURFACING AND BASE WITH 3" HMA OVERLAY	
NORTH AREA SERVICE CENTER - 19	AFTER SMALL CAR PARKING LOT	INCLUDES REST OF THE AREA	7,818	3" MILL AC WITH 3" HMA OVERLAY	
PEARL RESERVOIR - 156	END OF MONTE CRESTA AVE, RICHMOND AT CUL-DE-SAC	1328' E/O CUL-DE-SAC AT 3RD GATE	2,000	SLURRY SEAL	
PEARL RESERVOIR - 156	AT 3RD GATE	END	591	SLURRY SEAL	
SAN PABLO RESERVOIR - 41 (60)	AT KIOSK	1383' NORTH TO UPPER PARKING LOT	3,956	2" MILL AND 4" AC OVERLAY, IN AREA OF SLOPE FAILURE, REMOVE 18" AC/AB, PLACE GEOGRID, 6" AB, GEOGRID, 6" AB, 6" AC OVERLAY	
SAN PABLO RESERVOIR - 41 (70)	598' NORTH FROM KIOSK	2160' NORTH TO END OF AC AREA	5,796	1" MILL AND 3" AC OVERLAY, NORTH END - 10" TOP-DOWN FDR WITH 3" HMA OVERLAY; REGRADE FDR SECTION AS NEEDED TO ACCOMMODATE 3" HMA OVERLAY	
SAN PABLO RESERVOIR - 41 (80)	OLD DAM RD	END OF OAKS PICNIC AREA	484	CAPE SEAL	
SAN PABLO RESERVOIR - 41 (90)	OLD DAM RD AT KIOSK	1554' S/E ON OLD DAM RD	5,963	2" MILL AND 3" AC OVERLAY, 12" TOP-DOWN FDR WITH 3" HMA OVERLAY; REGRADE FDR SECTION AS NEEDED TO ACCOMMODATE 3" HMA OVERLAY	
SHASTA NO. 2 RESERVOIR - 184	AT BAY TREE LANE NEAR SHASTA RD, BERKELEY	430' WEST AT GATE	788	2" MILL AND AC OVERLAY, IN AREA OF SLOPE FAILURE, REMOVE 18" AC/AB, PLACE GEOGRID, 6" AB, GEOGRID, 6" AB, 6" AC OVERLAY	
SHASTA NO. 2 RESERVOIR - 184	AT GATE	END	259	SLURRY SEAL	
SHAWN PUMPING PLANT - 346	5136 SIMONI CT, RICHMOND	END	449	SURFACE RECONSTRUCTION: REMOVE 3" AC/AB WITH 3" HMA OVERLAY	
SHAWN RESERVOIR - 185	END OF HEAVENLY RIDGE LN, RICHMOND	422' TO RESERVOIR PARKING	713	CAPE SEAL	
SHAWN RESERVOIR - 185	AT RESERVOIR PARKING	END	305	CAPE SEAL - SLURRY SEAL	
TEWKSBURY PUMPING PLANT - 357	CARQUINEZ AVE	EAST END	146	2" MILL AND OVERLAY	

NOT IN CONTRACT

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



Know what's below.
Call before you dig.

EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
GENERAL

CORE SUMMARY TABLE PG. 6

PROJ. NO. 10625-G	10625-G-006	0
SCALE NO SCALE		
DATE	STRUCT.	DISC.
	NUMBER	REV.

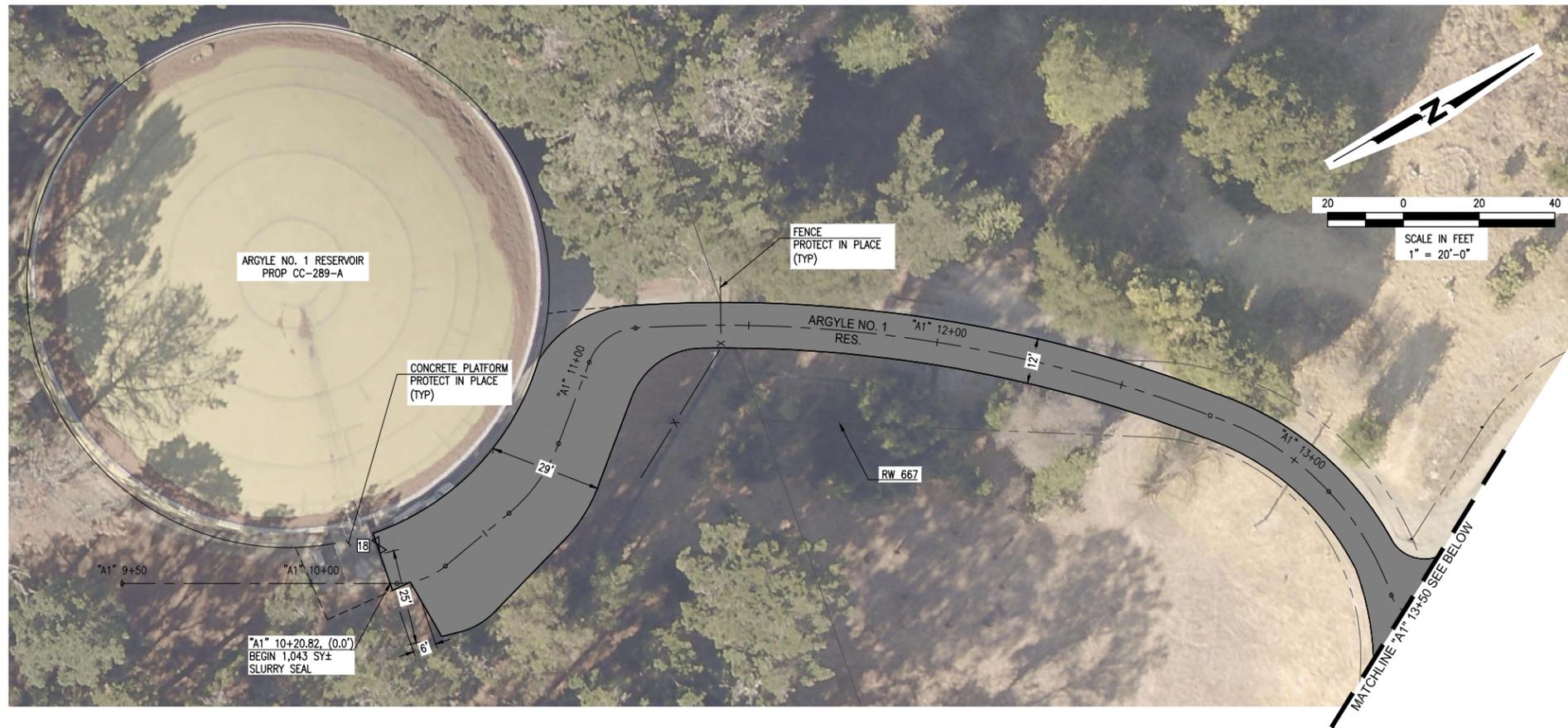
NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3		SM	VL

East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS	PROJECT MANAGER	R.P.E. NO.
DESIGN CHECKED BY	FRANK HADJIGIANNIS	PROJECT ENGINEER	R.P.E. NO.
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW	RECOMMENDED	SE. CIVIL ENGR.
SE. PROJ. ENGR.	R.P.E. NO. 107799	R.P.E. NO.	
APPROVED	VICTOR LEWIS	APPROVED	FOR CONSTRUCTION
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAWER	R.P.E. NO.	

USER: PLOT SCALE:
DATE:
FILE:



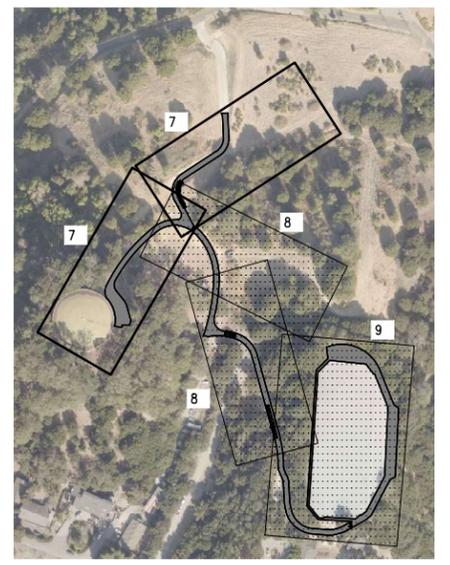


- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
 2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
 4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
 5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
 7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
 8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:
 18 WATER VALVE BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:
 [Shaded Box] SLURRY SEAL

BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	NB	24	4	96
ARGYLE NO. 1 RESERVOIR, STREET TOTAL AREA (SF)				96
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				110



FINAL PLANS
 ISSUED FOR
 BIDDING
 DATE: 12/10/2025

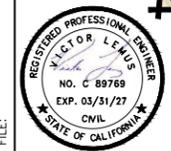


EAST BAY MUNICIPAL UTILITY DISTRICT
 OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
 YEAR 1
 CIVIL

IMPROVEMENT PLAN ARGYLE NO. 1 RES.
 'A1' 9+50 TO 'A1' 16+50

PROJ. NO.	10625-G	10625-G-007	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.

USER: PLOT SCALE:
 DATE:
 FILE:



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
 Utility District (EBMUD)
 375 11th Street
 Oakland, CA, 94607
 Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKIHLER
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. C 89769	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C 62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	
APPROVED	
FOR CONSTRUCTION	
R.P.E. NO.	

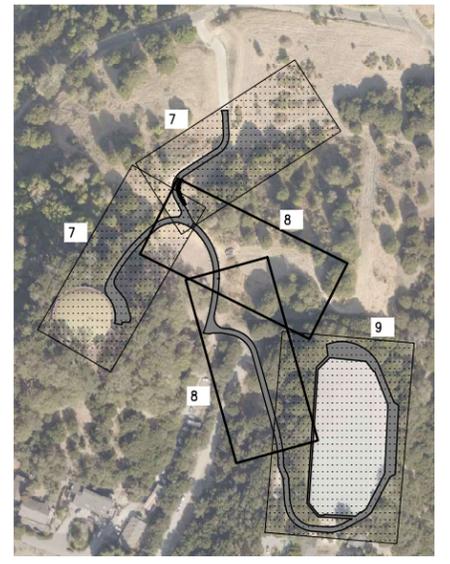


- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
 2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
 4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
 5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
 7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
 8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

PAVEMENT TREATMENT LEGEND:

■ SLURRY SEAL

BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
2	EB	25	12	300
3	SB	75	7	525
ARGYLE NO. 2 RESERVOIR, STREET TOTAL AREA (SF)				825
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				949



**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN ARGYLE NO. 2 RES.
'A2' 9+50 TO 'A2' 15+50**

PROJ NO.	10625-G	10625-G-008	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.

USER: PLOT SCALE:
DATE:
FILE:



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKAKIS
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	C07939
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	CO2349 RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	EB	11	4	44
ARGYLE NO. 2 RESERVOIR, STREET TOTAL AREA (SF)				44
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				51

CONSTRUCTION NOTES:

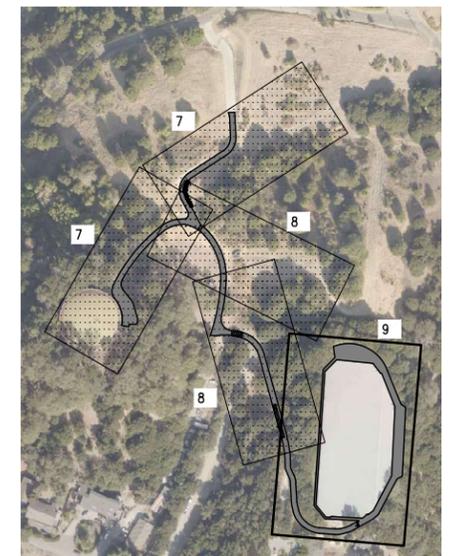
- REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
- CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
- DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
- PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
- FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
- ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
- CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 18 WATER VALVE BOX; PROTECT IN PLACE.
- 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
- 21 ELECTRICAL BOX; PROTECT IN PLACE.
- 22 MONUMENT BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

SLURRY SEAL



**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**
CIVIL

IMPROVEMENT PLAN ARGYLE NO. 2 RES.
"A2" 15+50 TO "A2" 23+34

PROJ NO. 10625-G	10625-G-009	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.



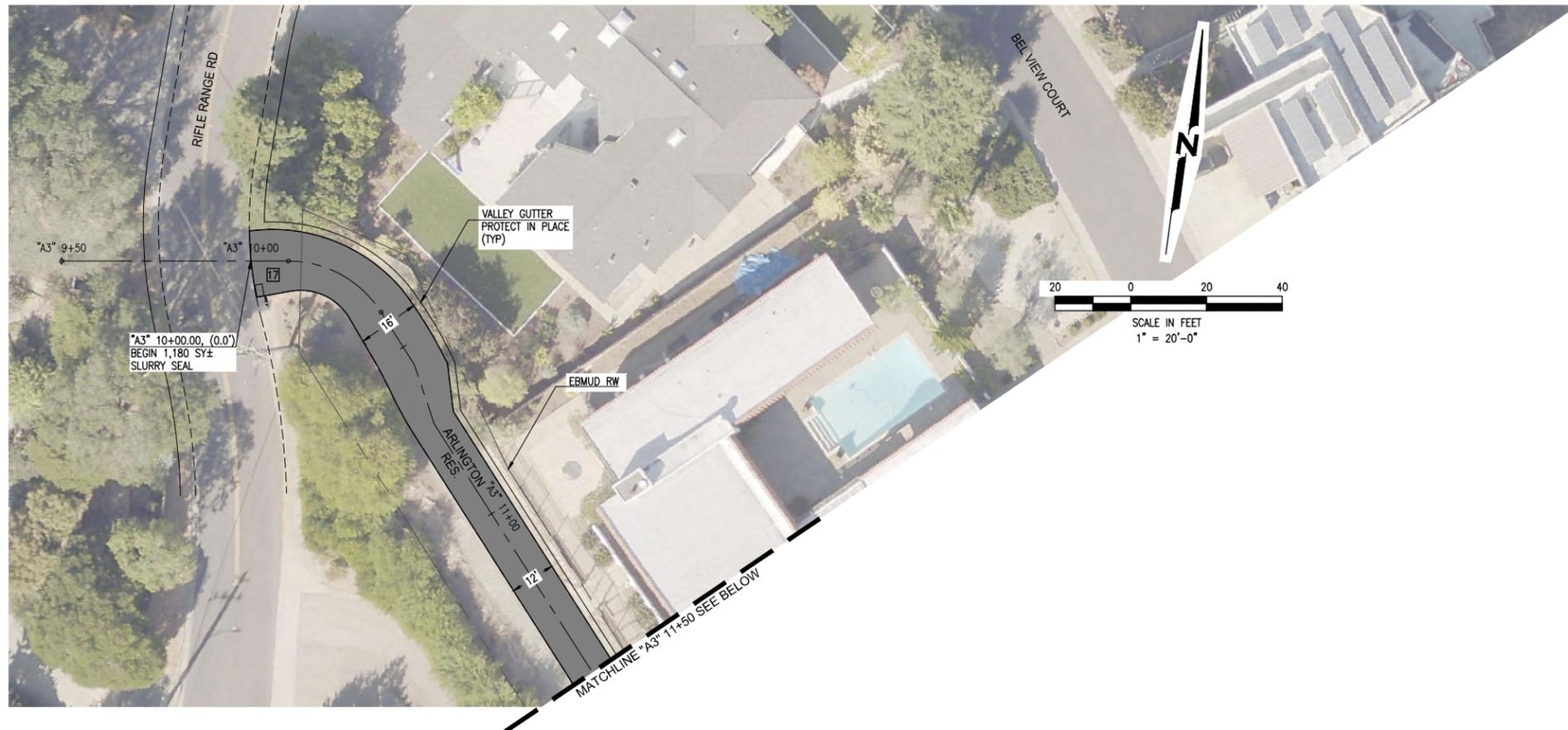
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEMUS
DESIGN CHECKED BY	FRANK HADJIKOIS
DRAWN BY	SAMUEL WOODS, ELIANA BASHARAWA
SEAL	VICTOR LEMUS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SEAL	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	



USER: PLOT SCALE:
DATE: FILE:



CONSTRUCTION NOTES:

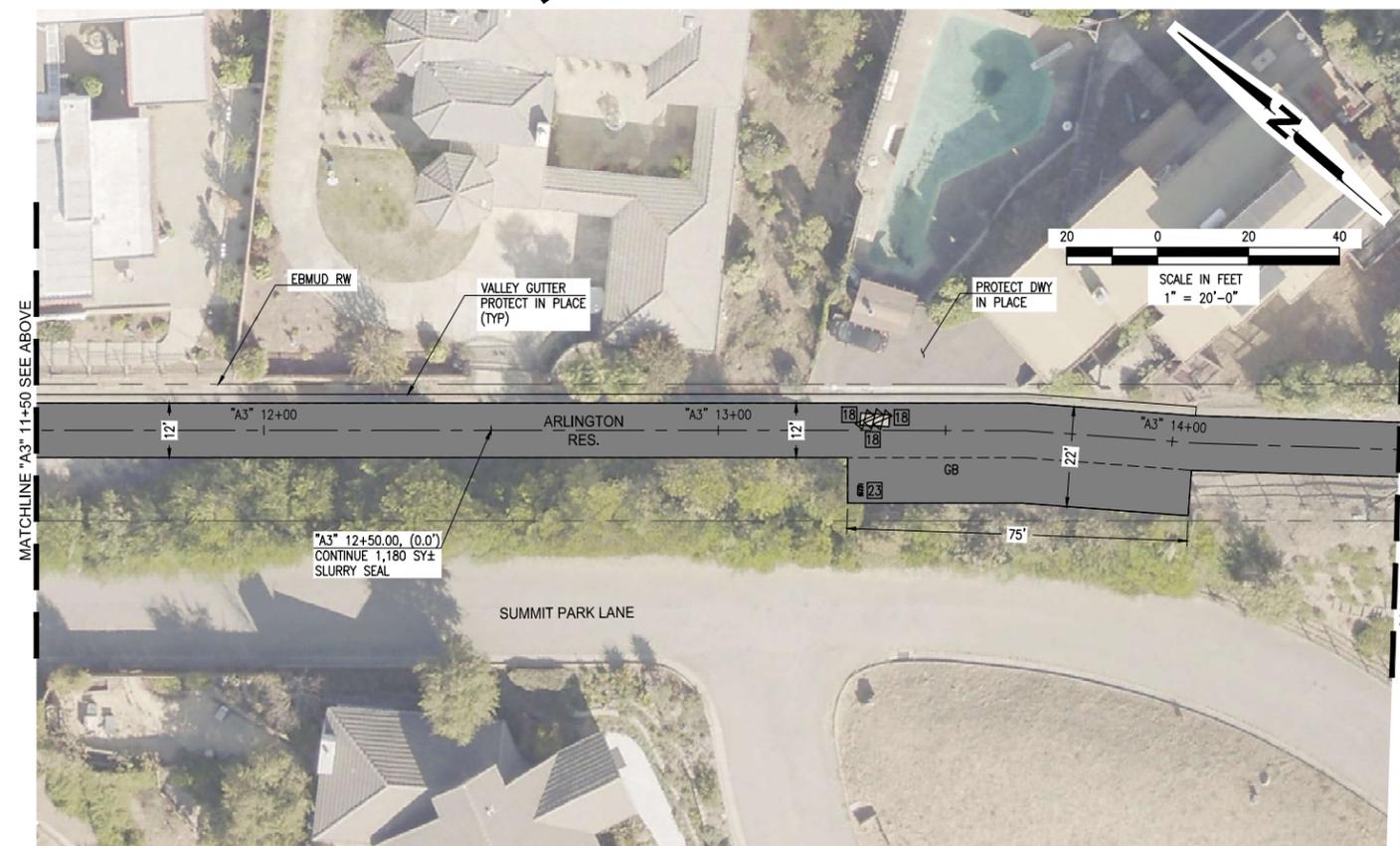
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 17 UNKNOWN VAULT; PROTECT IN PLACE.
- 18 WATER VALVE BOX; PROTECT IN PLACE.
- 23 WATER METER; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

SLURRY SEAL



**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1			
CIVIL			
IMPROVEMENT PLAN ARLINGTON RES. 'A3' 9+50 TO 'A3' 14+50			
PRJ. NO. 10625-G	10625-G-010	PG. 10	
SCALE 1" = 20'			0
DATE	STRUCT.	DISC.	NUMBER
			REV.

NO.	DATE	REVISION	BY	REC.	APP.

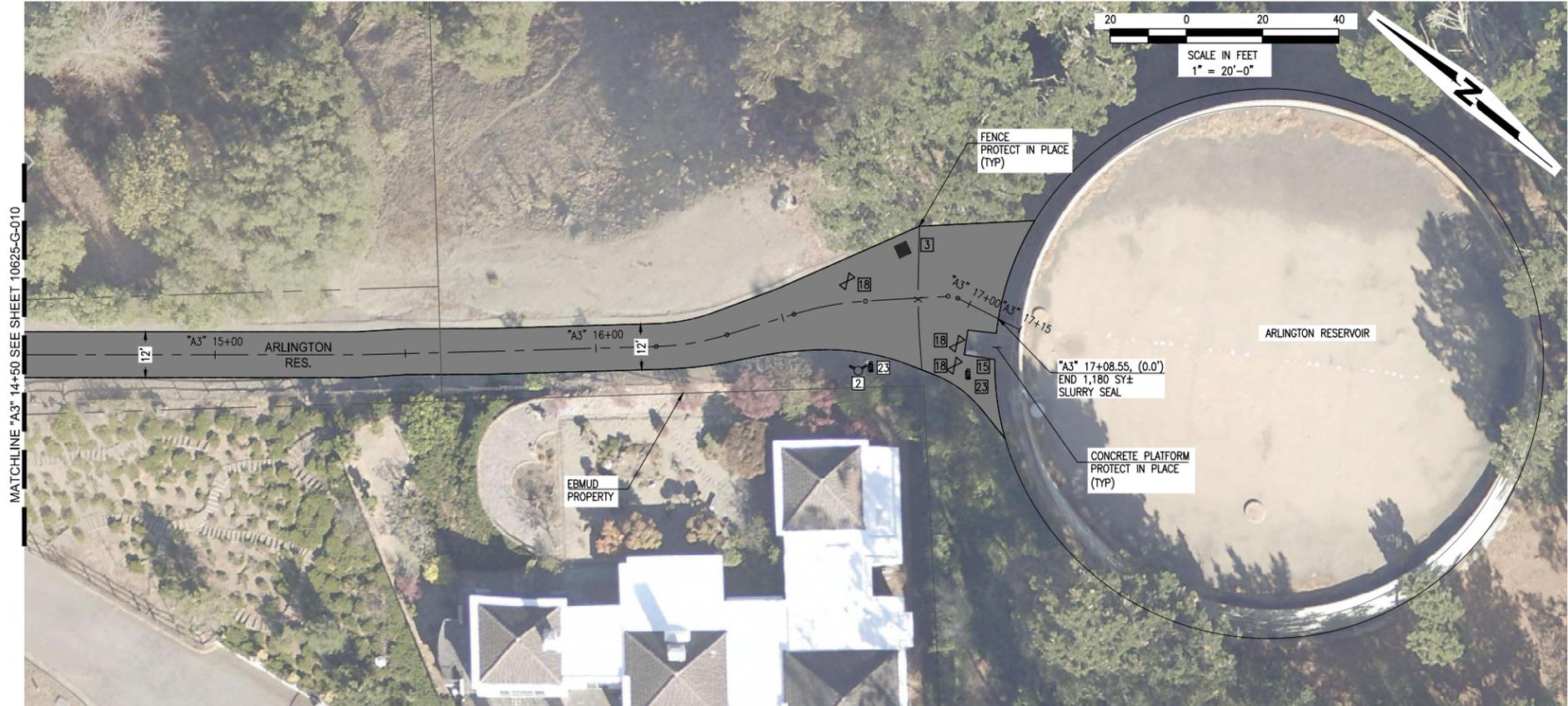
**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEMUS
DESIGN CHECKED BY	FRANK HADJIKAKIS
DRAWN BY	SAMUEL WOODLIF, SHARAH BASHARAH
SE. PROJ. ENGR.	VICTOR LEMUS
R.P.E. NO. 007974	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 002349	RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE. CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	
FOR FACILITIES MAINTENANCE	

USER: PLOT SCALE:
DATE:
FILE:





- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
 2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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 4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
 5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
 7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
 8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

- UTILITY KEYNOTES:**
- 2 FIRE HYDRANT; PROTECT IN PLACE.
 - 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - 15 MONITORING WELL; PROTECT IN PLACE.
 - 18 WATER VALVE BOX; PROTECT IN PLACE.
 - 23 WATER METER; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

■ SLURRY SEAL

MATCHLINE "A3" 14+50 SEE SHEET 10625-G-010

**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN ARLINGTON RES.
'A3' 14+50 TO 'A3' 17+15**



NO.	DATE	REVISION	BY	REC.	APP.

**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS
DESIGN CHECKED BY: FRANK HADJIDIMITRI
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR., R.P.E. NO. C07799
APPROVED: VICTOR LEWIS
PRINCIPAL IN CHARGE, R.P.E. NO. C02349 RYAN SHAFER

PROJECT MANAGER: R.P.E. NO.
PROJECT ENGINEER: R.P.E. NO.
RECOMMENDED BY: VICTOR LEWIS, R.P.E. NO. C07799
APPROVED FOR CONSTRUCTION: R.P.E. NO.

PROJ. NO. 10625-G	10625-G-011	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

USER: PLOT SCALE: DATE: FILE:



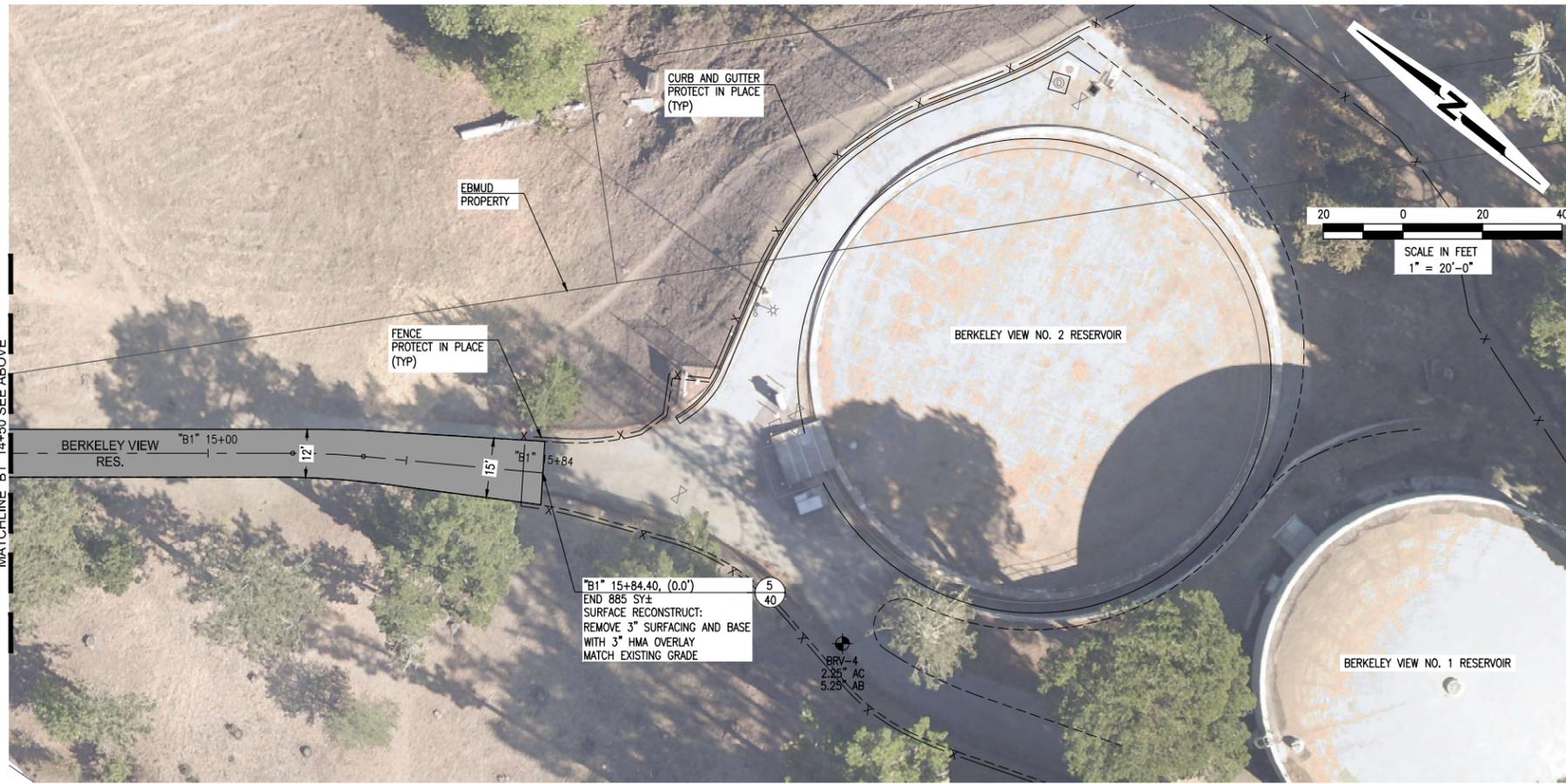
- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

UTILITY KEYNOTES:

13 MONUMENT; ADJUST MONUMENT BOX AND COVER TO FG. SEE DETAIL 4/41. PROTECT SURVEY MONUMENT.

PAVEMENT TREATMENT LEGEND:

■ SURFACE RECONSTRUCTION



**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL**

**IMPROVEMENT PLAN BERKELEY VIEW NO. 1 RES.
'B1' 9+50 TO 'B1' 15+84 PG. 12**

PROJ. NO. 10625-G	10625-G-012	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.

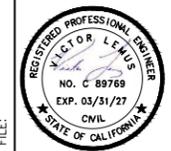


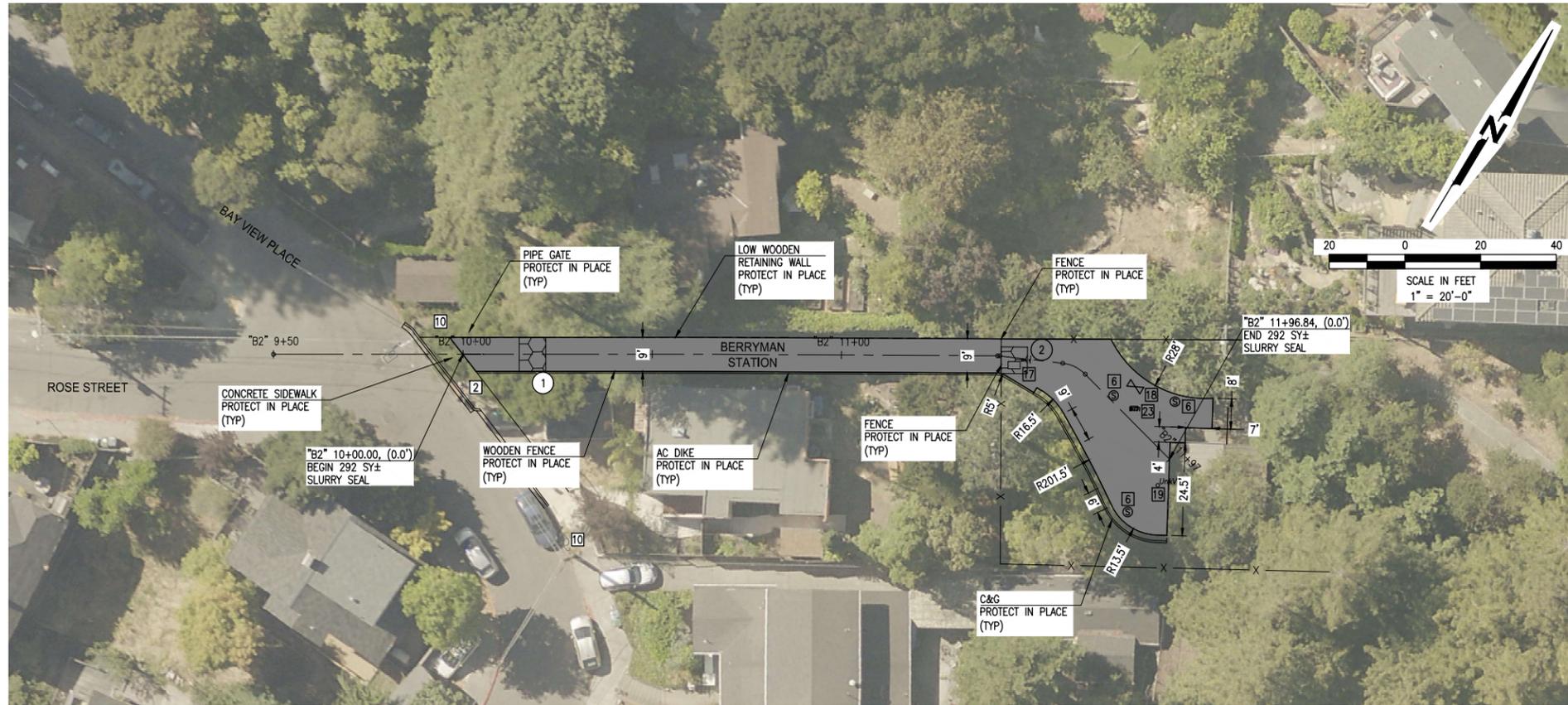
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEMUS
DESIGN CHECKED BY	FRANK HADJIKOGLER
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE. PROJ. ENGR.	VICTOR LEMUS
R.P.E. NO. 107709	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE. CIVIL ENGR.	VICTOR LEMUS
R.P.E. NO.	
APPROVED	
FOR FACILITIES MAINTENANCE	
AND CONSTRUCTION	
R.P.E. NO.	

USER: PLOT SCALE:
DATE:
FILE:





CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 6 SSMH; PROTECT IN PLACE.
- 10 OVERHEAD UTILITY POLE; PROTECT IN PLACE.
- 17 UNKNOWN VAULT; PROTECT IN PLACE.
- 18 WATER VALVE BOX; PROTECT IN PLACE.
- 19 UNKNOWN VALVE; PROTECT IN PLACE.
- 23 WATER METER; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

SLURRY SEAL

BASE REPAIR (4" DEPTH) - $\frac{1}{40}$				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	FULL WIDTH	9	7	63
2	EB	7	7	49
BERRYMAN RATE CONTROL STATION, STREET TOTAL AREA (SF)				112
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				129

PLOT SCALE:
USER: _____
DATE: _____
FILE: _____



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



DESIGNED BY: VICTOR LEWIS
DESIGN CHECKED BY: FRANK HADJIKOULAKIS
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR., R.P.E. NO. 107799
APPROVED: VICTOR LEWIS
PRINCIPAL IN CHARGE, R.P.E. NO. 102349 RYAN SHAFER

PROJECT MANAGER: R.P.E. NO. _____
PROJECT ENGINEER: R.P.E. NO. _____
RECOMMENDED BY: CIVIL ENGR., R.P.E. NO. _____
APPROVED FOR CONSTRUCTION: R.P.E. NO. _____

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN BERRYMAN STATION 'B2'' 9+50 TO 'B2'' 11+97			
PROJ NO. 10625-G	10625-G-013	0	PG. 13
SCALE 1" = 20'			
DATE	STRUCT.	DISC.	NUMBER
			REV.



CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
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8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 5 SDCO; PROTECT IN PLACE.
- 12 BOLLARDS; PROTECT IN PLACE.
- 15 MONITORING WELL; PROTECT IN PLACE.
- 18 WATER VALVE BOX; PROTECT IN PLACE.
- 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
- 24 UNKNOWN BOX; PROTECT IN PLACE.
- 30 VERTICAL DRAIN PIPE; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

■ SLURRY SEAL

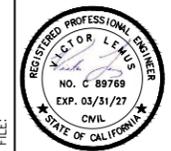
FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL
IMPROVEMENT PLAN BERRYMAN RES.
'B3' 9+50 TO 'B3' 16+29

PROJ. NO. 10625-G	10625-G-014	PG. 14
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

PLOT SCALE:
USER:
DATE:
FILE:



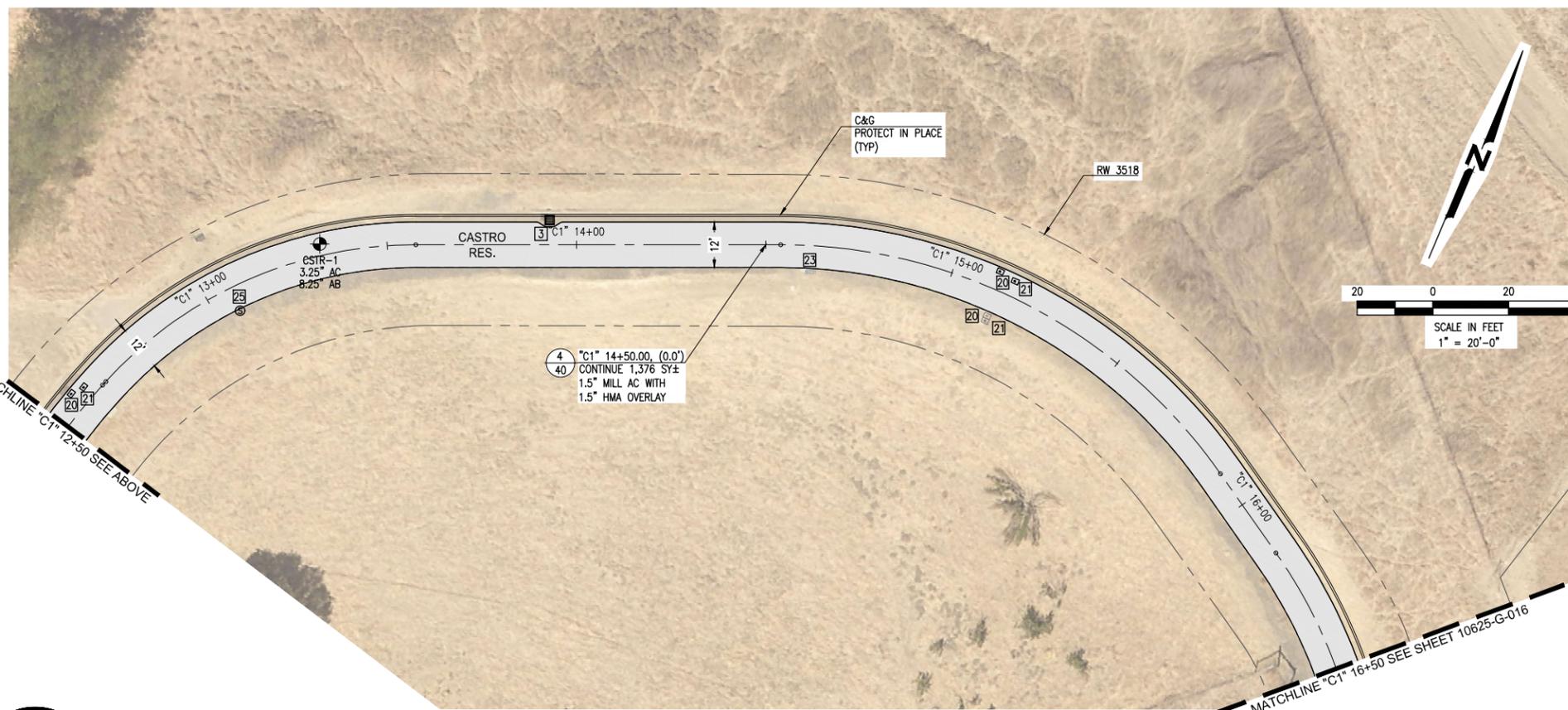
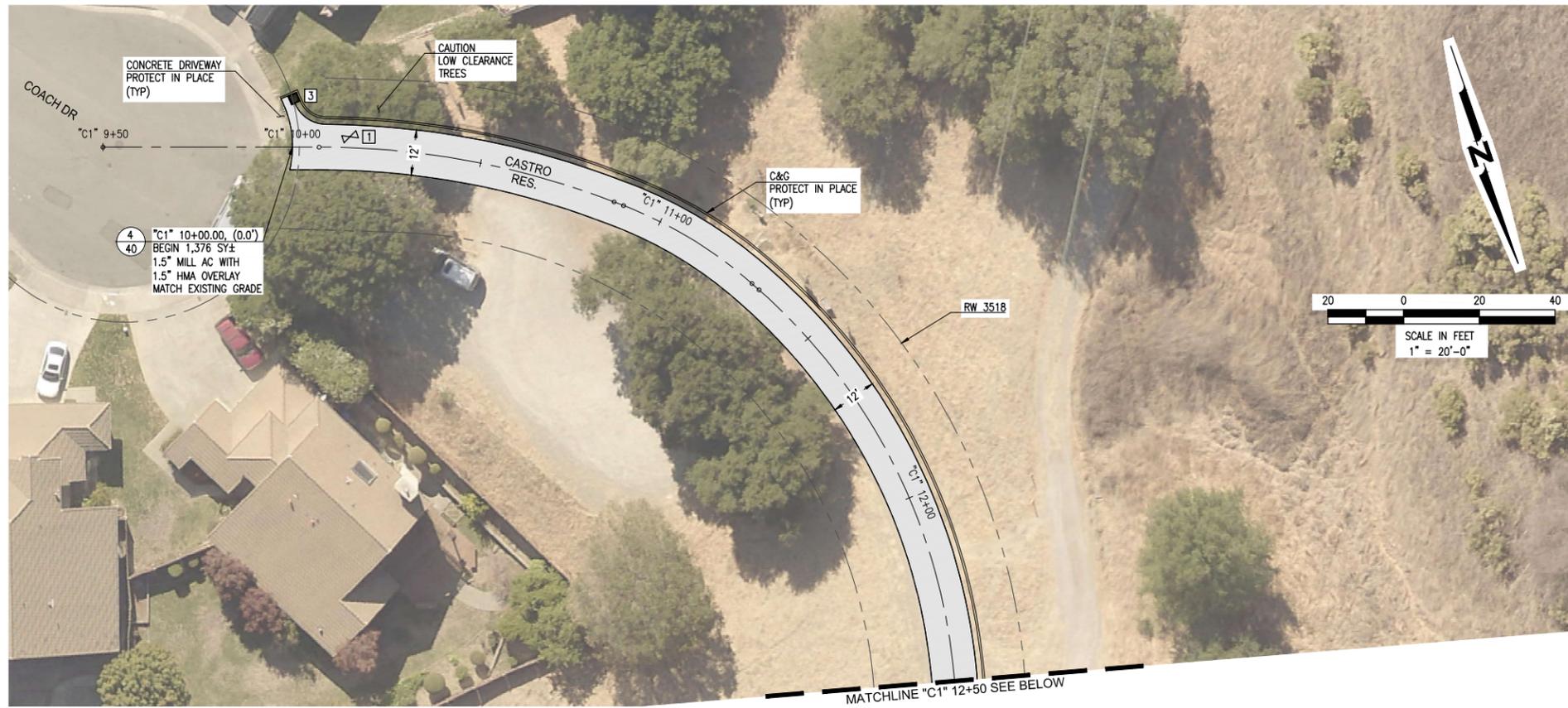
NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SAMUEL WOODS, DIANA BASHARAWA
SEAL	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
APPROVED FOR CONSTRUCTION	R.P.E. NO.



CONSTRUCTION NOTES:

1. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
3. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
4. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
5. LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

UTILITY KEYNOTES:

- 1 WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
- 21 ELECTRICAL BOX; PROTECT IN PLACE.
- 23 WATER METER; PROTECT IN PLACE.
- 25 SSMH; ADJUST SSMH FRAME AND COVER TO FG. SEE DETAIL 5/41.

PAVEMENT TREATMENT LEGEND:

MILL & OVERLAY

**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**
**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**
CIVIL

IMPROVEMENT PLAN CASTRO RES.
''C1'' 9+50 TO ''C1'' 16+50 PG. 15

PROJ NO. 10625-G	10625-G-015	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.



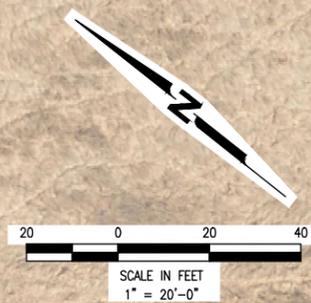
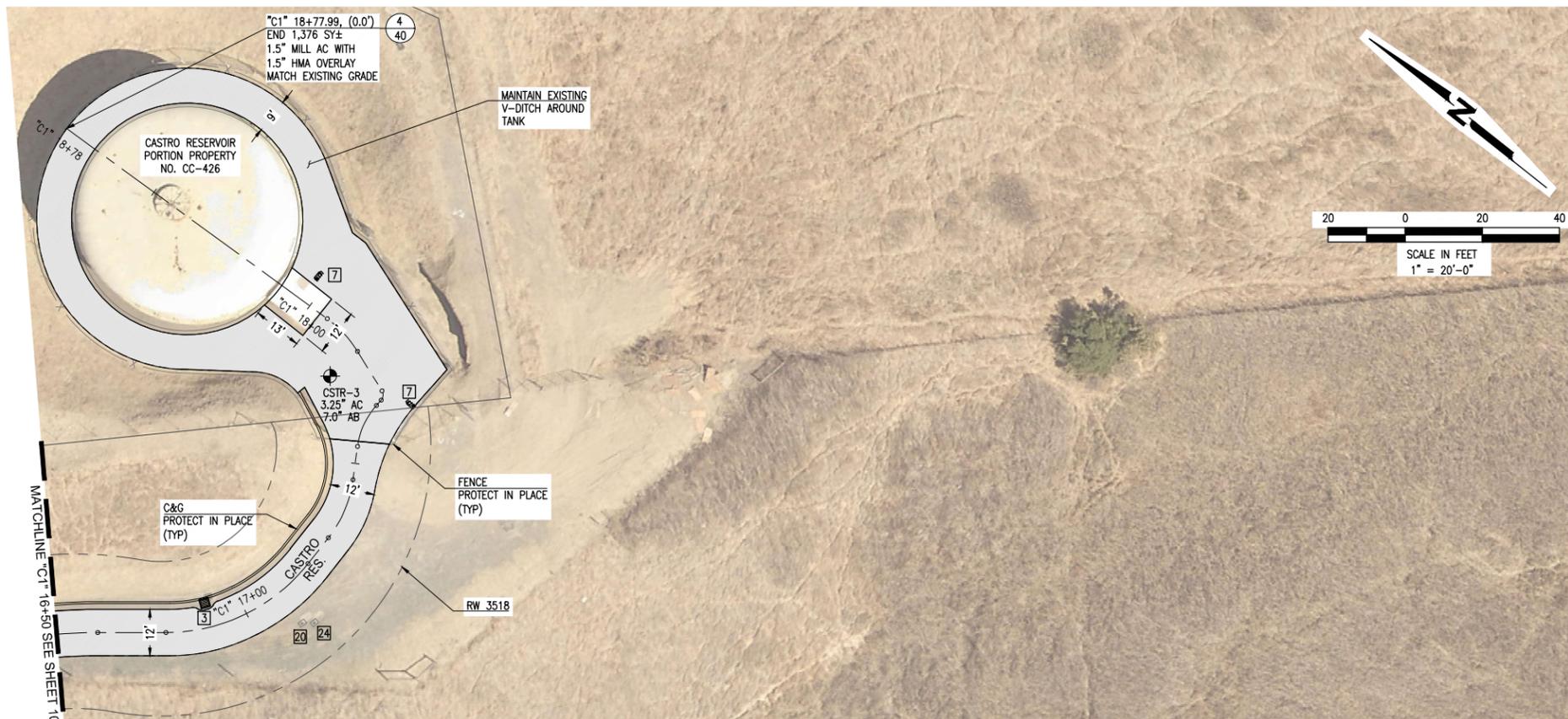
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIF, DIANA BASHARAWA
SE. PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. 107799	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE. CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

PLOT SCALE:
USER:
DATE:
FILE:





- CONSTRUCTION NOTES:**
1. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 2. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 3. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 4. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 5. LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

- UTILITY KEYNOTES:**
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - 7 WATER METER; ADJUST WATER METER BOX AND COVER TO FG.
 - 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
 - 24 UNKNOWN BOX; PROTECT IN PLACE.



PLOT SCALE:
USER:
DATE:
FILE:



**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

IMPROVEMENT PLAN CASTRO RES. "C1" 16+50 TO "C1" 18+78			
PRJ. NO. 10625-G	10625-G-016	PG. 16	
SCALE 1" = 20'			0
DATE	STRUCT.	DISC.	NUMBER
			REV.

NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE. PROJ. ENGR. R.P.E. NO. C07799	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C02349	RYAN SHAFER

PROJECT MANAGER R.P.E. NO.	
PROJECT ENGINEER R.P.E. NO.	
RECOMMENDED SE. CIVIL ENGR. R.P.E. NO.	
APPROVED M&C CONSTRUCTION R.P.E. NO.	



CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 10 OVERHEAD UTILITY POLE; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

CAPE SEAL



BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	NB	104	6	624
2	NB	68	6	408
3	NB	48	12	576
4	NB	60	8	480
5	NB	125	6	750
6	NB	10	6	60
7	NB	13	12	156
8	NB	12	7	84
9	EB	84	5	420
10	WB	50	22	1,075
CROCKETT RESERVOIR, STREET TOTAL AREA (SF)				4,633
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				5,328

PLOT SCALE:
USER: _____
DATE: _____
FILE: _____



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; TREATMENT REVISION	SM	VL	



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKOIS
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	10625-G-018
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	602349 RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR CONSTRUCTION	
R.P.E. NO.	

FINAL PLANS
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BIDDING
DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN CROCKETT RES. 'C2'' 9+50 TO 'C2'' 17+50			
PROJ. NO.	10625-G	10625-G-017	PG. 17
SCALE	1" = 20'		0
DATE		STRUCT.	DISC.
		NUMBER	REV.



CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 14 INSTRUMENTATION PULLBOX; PROTECT IN PLACE.
- 17 UNKNOWN VAULT; PROTECT IN PLACE.
- 18 WATER VALVE BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

- CAPE SEAL
- SLURRY SEAL

1

PLOT SCALE:
USER:
DATE:
FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; TREATMENT REVISION	SM		VL



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	C07799
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	C02349 RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR FACILITIES MAINTENANCE	
AND CONSTRUCTION	
R.P.E. NO.	

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN CROCKETT RES. 'C2' 17+50 TO 'C2' 18+04			
PROJ. NO.	10625-G	10625-G-018	PG. 18
SCALE	1" = 20'		0
DATE		STRUCT.	DISC.
		NUMBER	REV.

CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
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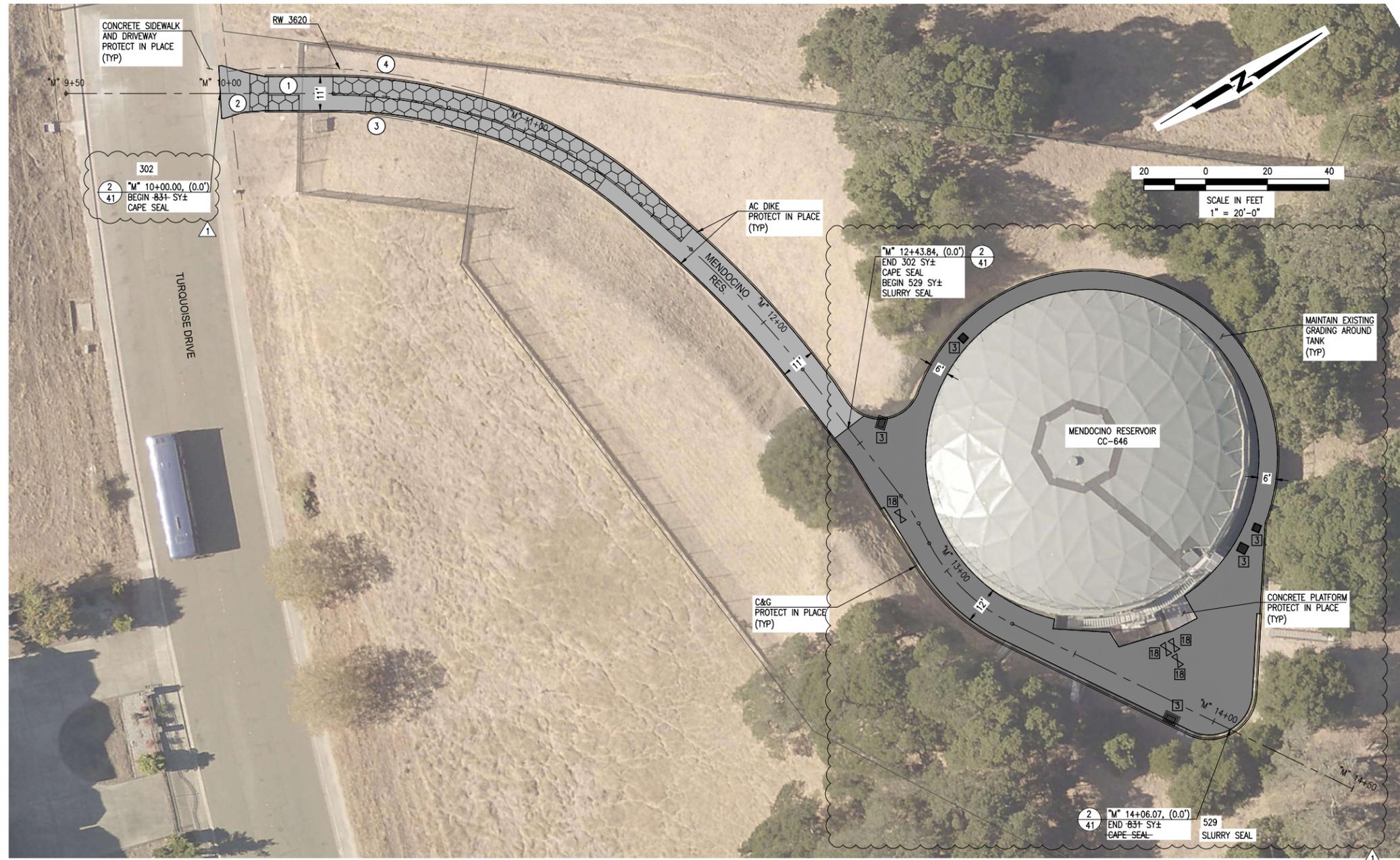
UTILITY KEYNOTES:

- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 18 WATER VALVE BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

- CAPE SEAL
- SLURRY SEAL

BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	EB	10	5	50
2	EB	6	12	72
3	EB	80	5	400
4	WB	130	6	780
MENDOCINO RESERVOIR, STREET TOTAL AREA (SF)				1,302
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				1,497



**FINAL PLANS
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**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**
**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**
CIVIL
**IMPROVEMENT PLAN MENDOCINO RES.
'M' 9+50 TO 'M' 14+50**

NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; TREATMENT REVISION	SM	VL	

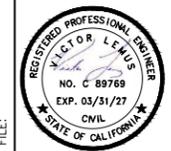
**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

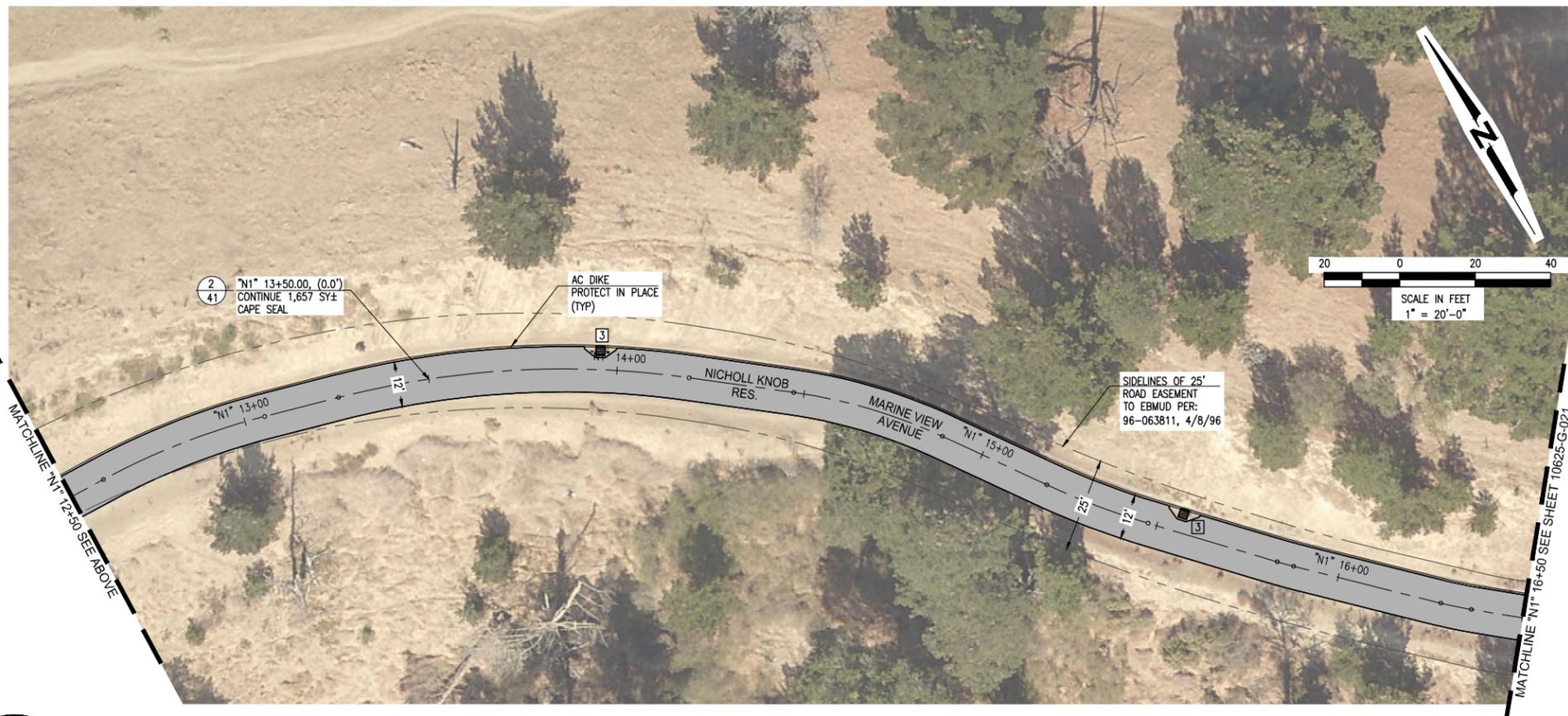
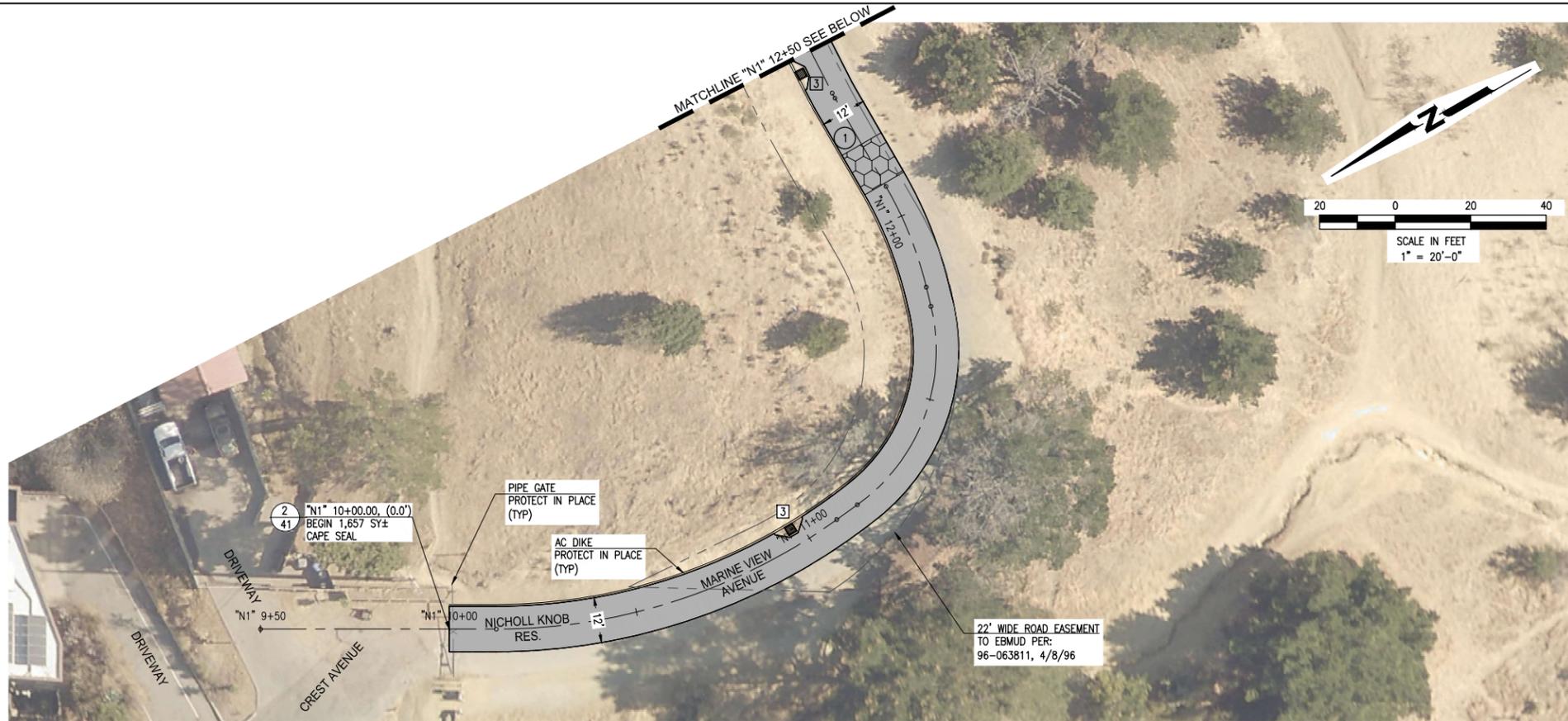
DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIN, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
SE, CIVIL ENGR.	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

PROJ. NO.	10625-G	10625-G-019	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.

USER: PLOT SCALE:
DATE: FILE:





CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
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UTILITY KEYNOTES:

- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.

PAVEMENT TREATMENT LEGEND:



BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	EB	12	12	144
NICHOLL KNOB RESERVOIR, STREET TOTAL AREA (SF)				144
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				166

**FINAL PLANS
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EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1			
CIVIL			
IMPROVEMENT PLAN NICHOLL KNOB RES. 'N1' 9+50 TO 'N1' 16+50			
PROJ NO. 10625-G	10625-G-020	PG. 20	
SCALE 1" = 20'			
DATE	STRUCT.	DISC.	NUMBER
			REV.

NO.	DATE	REVISION	BY	REC.	APP.

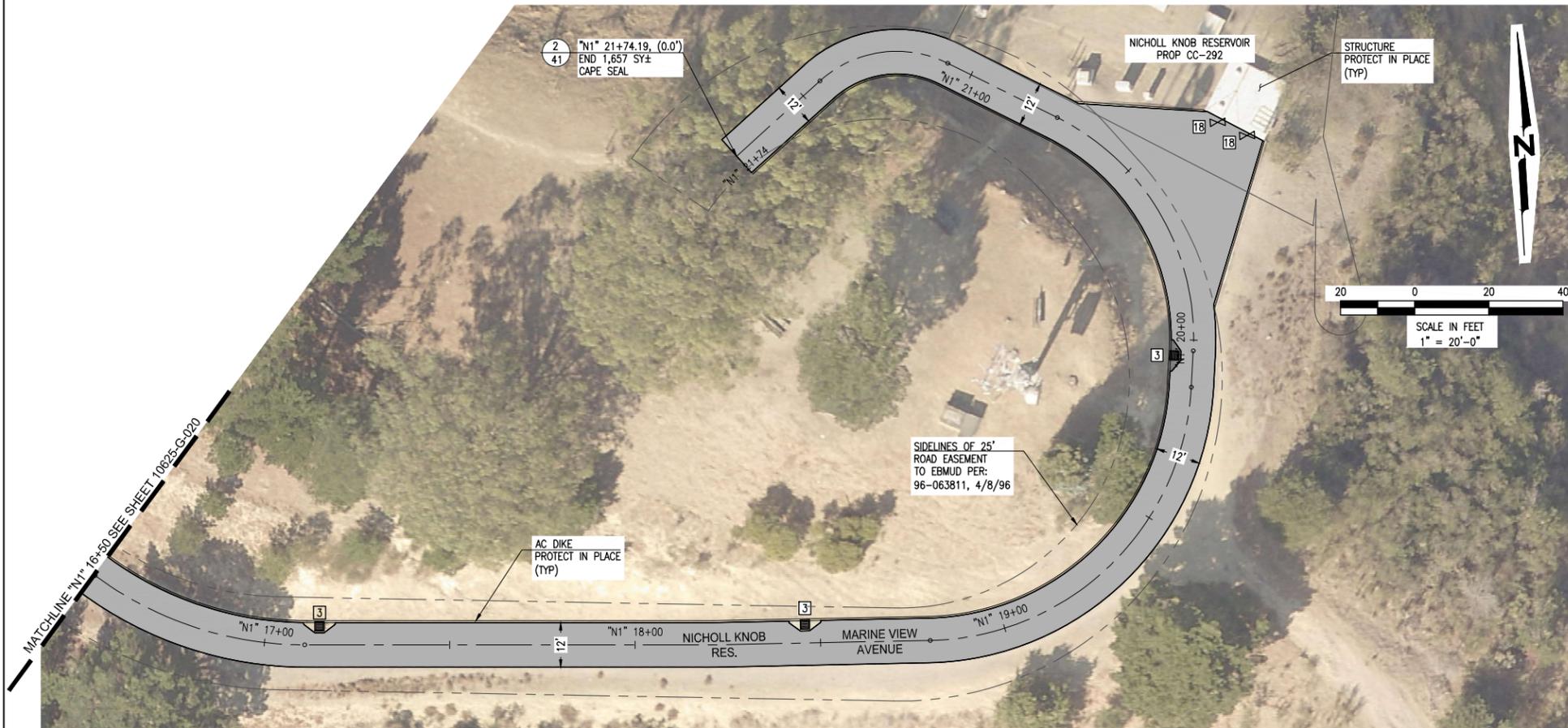
**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODS, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. 107799	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

USER: PLOT SCALE:
DATE:
FILE:





- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
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- UTILITY KEYNOTES:**
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - 18 WATER VALVE BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

CAPE SEAL

USER: PLOT SCALE:
DATE:
FILE:



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
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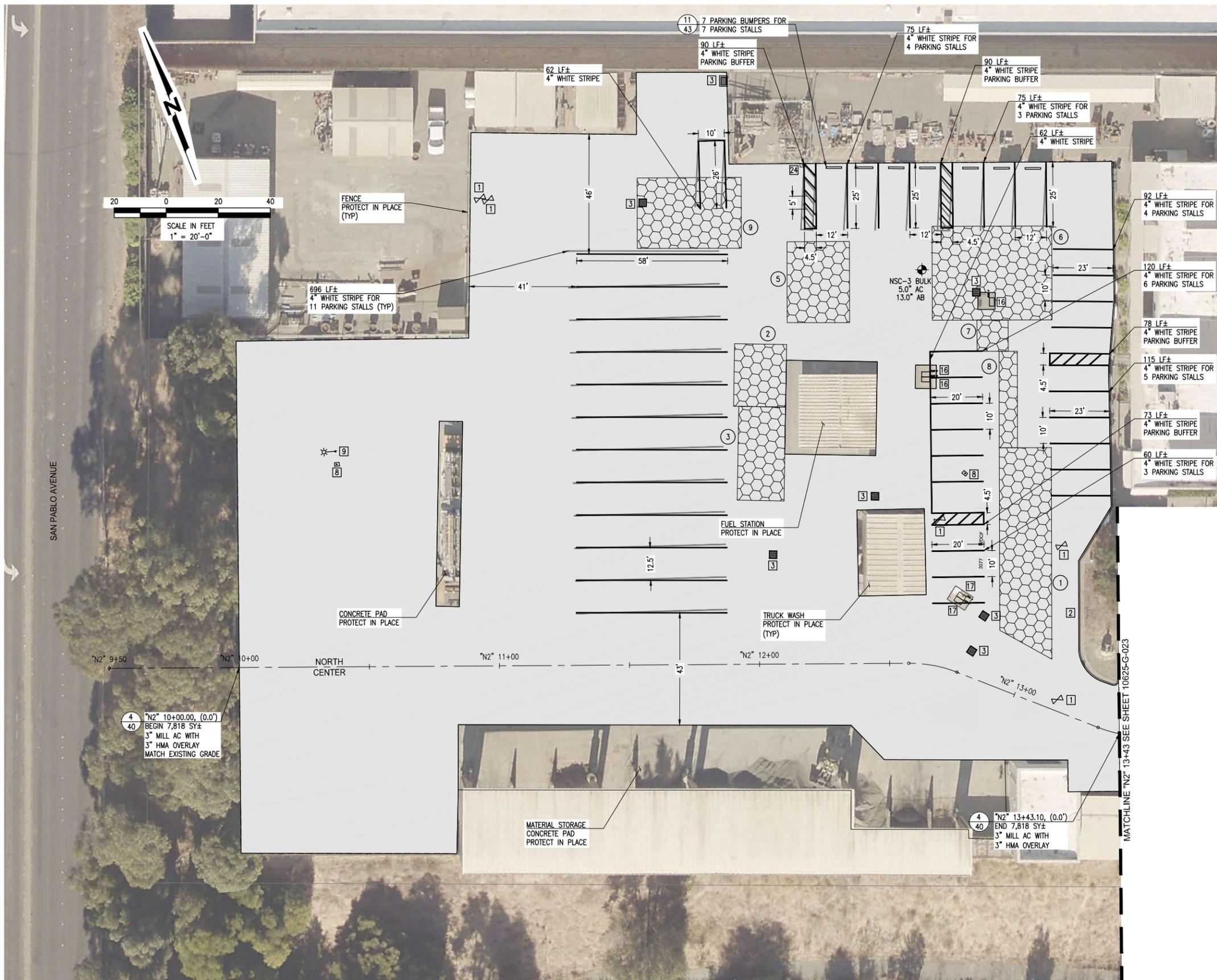
**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	007939
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	062349 RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	R.P.E. NO.
FOR FACILITIES MAINTENANCE AND CONSTRUCTION	R.P.E. NO.

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN NICHOLL KNOB RES. 'N1' 16+50 TO 'N1' 21+74			
PROJ. NO.	10625-G	10625-G-021	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC. NUMBER REV.



USER: PLOT SCALE:
DATE: FILE:



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS
DESIGN CHECKED BY: FRANK HADJIKOURLAKIS
DRAWN BY: SARAH WOODLIF, DIANA BASHARAWA
SEAL: CIVIL ENGR. R.P.E. NO. 10625-G
APPROVED: VICTOR LEWIS
PRINCIPAL IN CHARGE, R.P.E. NO. 10625-G

PROJECT MANAGER: R.P.E. NO. 10625-G
PROJECT ENGINEER: R.P.E. NO. 10625-G
RECOMMENDED BY: CIVIL ENGR. R.P.E. NO. 10625-G
APPROVED FOR CONSTRUCTION: R.P.E. NO. 10625-G

EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA

PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

IMPROVEMENT PLAN NORTH CENTER
"N2" 9+50 TO "N2" 13+50

PROJ. NO. 10625-G
SCALE 1" = 20'
DATE

10625-G-022
STRUCT. DISC. NUMBER REV.

PG. 22

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



CONSTRUCTION NOTES:

1. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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5. LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

UTILITY KEYNOTES:

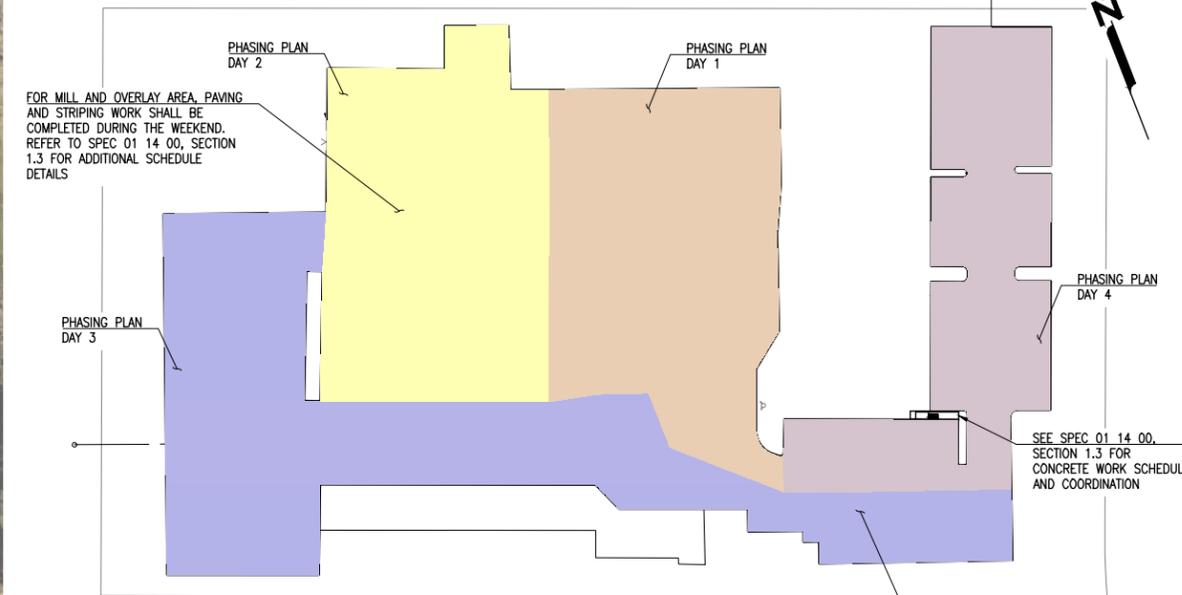
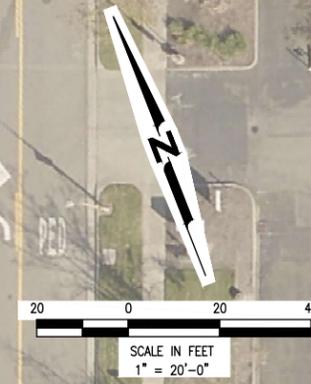
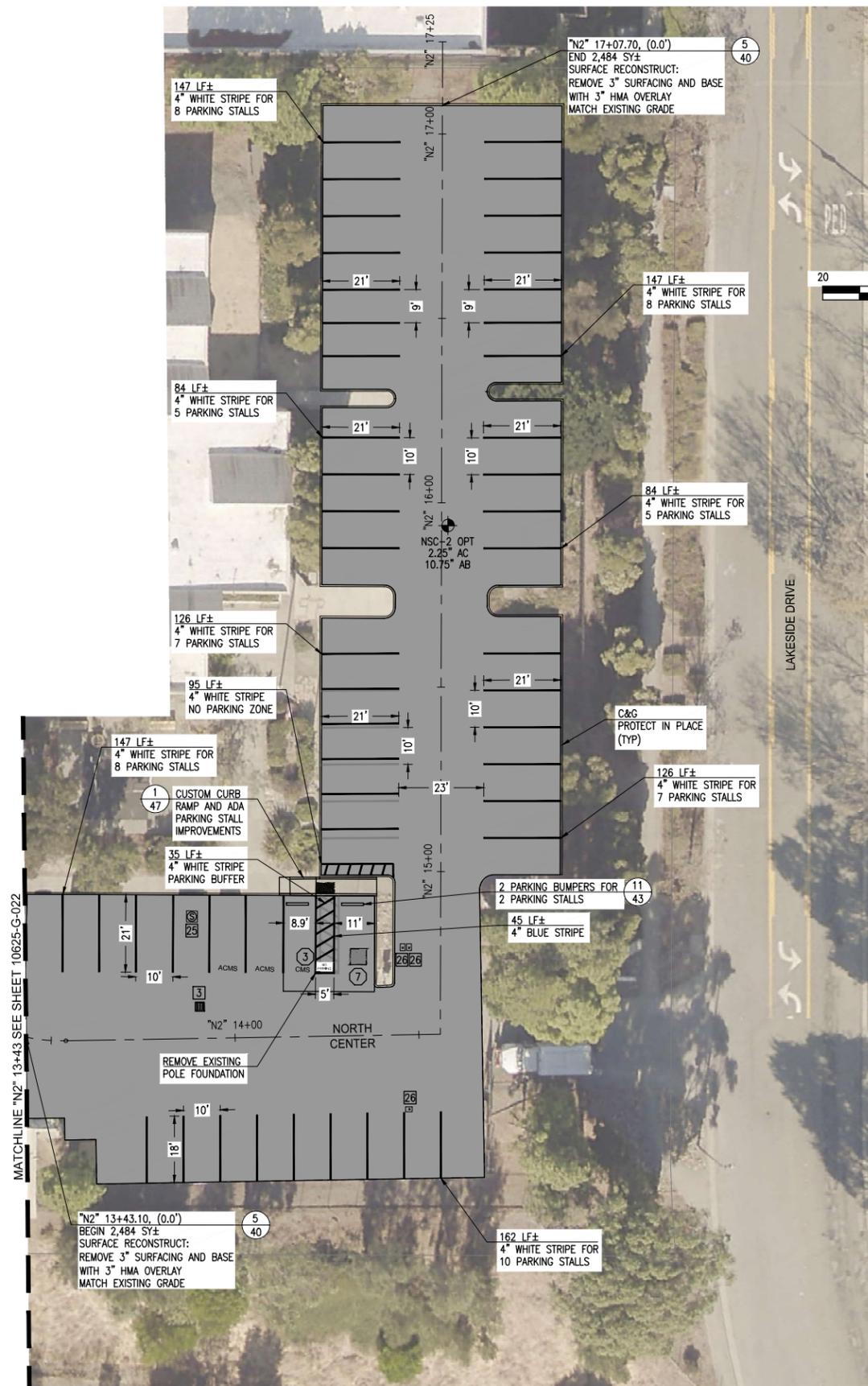
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 25 SSMH; ADJUST SSMH FRAME AND COVER TO FG. SEE DETAIL 5/41.
- 26 UNKNOWN BOX; ADJUST UNKNOWN BOX AND COVER TO FG.

STRIPING KEYNOTES:

- 3 CUSTOM PAVEMENT MARKING "NO PARKING" 8/42
- 7 INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING 7/42

PAVEMENT TREATMENT LEGEND:

- MILL & OVERLAY
- SURFACE RECONSTRUCTION



PHASING PLAN

WORK AND HOUR RESTRICTION NOTES:

1. CONTRACTOR SHALL COORDINATE WITH THE SUPERINTENDENT, DENNIS CRONIN, AT (510) 377-1610 AND GIVE HIM FIVE (5) WORKING DAYS ADVANCE NOTIFICATION PRIOR TO STARTING ANY WORK ON SITE.
2. THE PHASING PLAN ABOVE IS A SUGGESTION. CONTRACTOR MAY PROPOSE AN ALTERNATIVE PHASING PLAN BUT SHALL RECEIVE WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO IMPLEMENTATION.
3. THE CONTRACTOR SHALL PERFORM THE PAVING AND STRIPING WORK AT THIS FACILITY DURING THE WEEKENDS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4. EXISTING UTILITY ADJUSTMENT WORK, COORDINATION, AND CONCRETE WORK MAY BE PERFORMED ON WEEKDAYS WITH PRIOR NOTIFICATION TO, AND APPROVAL BY THE ENGINEER.
5. DRIVEWAY ACCESS TO NORTH SERVICE CENTER MUST BE MAINTAINED AT ALL TIMES.
6. THE CONTRACTOR SHALL PROVIDE NOTIFICATION TO THE ENGINEER NO LESS THAN TWO (2) WEEKS PRIOR TO STARTING WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED IF THE CONTRACTOR FAILED TO PROPERLY NOTIFY THE ENGINEER, CAUSING THE DISTRICT TO BE UNABLE TO RELOCATE EQUIPMENT AND MATERIALS IN A TIMELY MANNER, RESULTING IN A DELAY TO THE CONTRACTOR'S SCHEDULED WORK.
7. ONLY ONE PHASE OF WORK WILL BE ALLOWED AT A TIME.

**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN NORTH CENTER
'N2'' 13+50 TO 'N2'' 17+25**



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

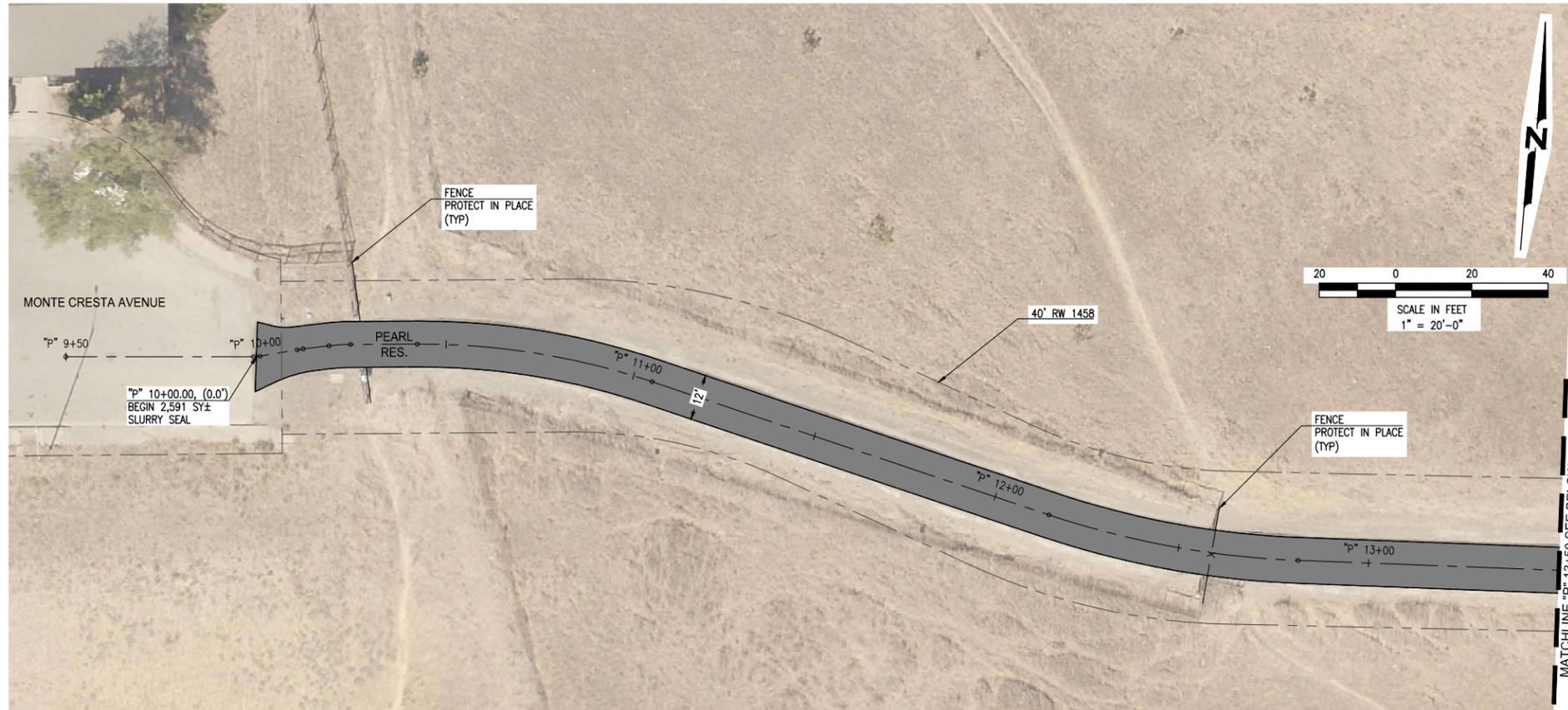
DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIDEMIR
DRAWN BY	SARAH WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO. C 89769	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C 62349	RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

PROJ. NO.	10625-G	10625-G-023	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.

PLOT SCALE:
USER: _____
DATE: _____
FILE: _____



CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

PAVEMENT TREATMENT LEGEND:

SLURRY SEAL

**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**
**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**
CIVIL

IMPROVEMENT PLAN PEARL RES.
''P'' 9+50 TO ''P'' 17+50

PG. 24

PROJ NO. 10625-G	10625-G-024	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEMUS
DESIGN CHECKED BY	FRANK HADJIKAKIS
DRAWN BY	SAMUEL WOODLIF, SHARAH BASHARAH
SE, PROJ. ENGR.	VICTOR LEMUS
R.P.E. NO. 107799	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	
MANAGER, FACILITIES MAINTENANCE	R.P.E. NO.
AND CONSTRUCTION	

USER: PLOT SCALE:
DATE:
FILE:





CONSTRUCTION NOTES:

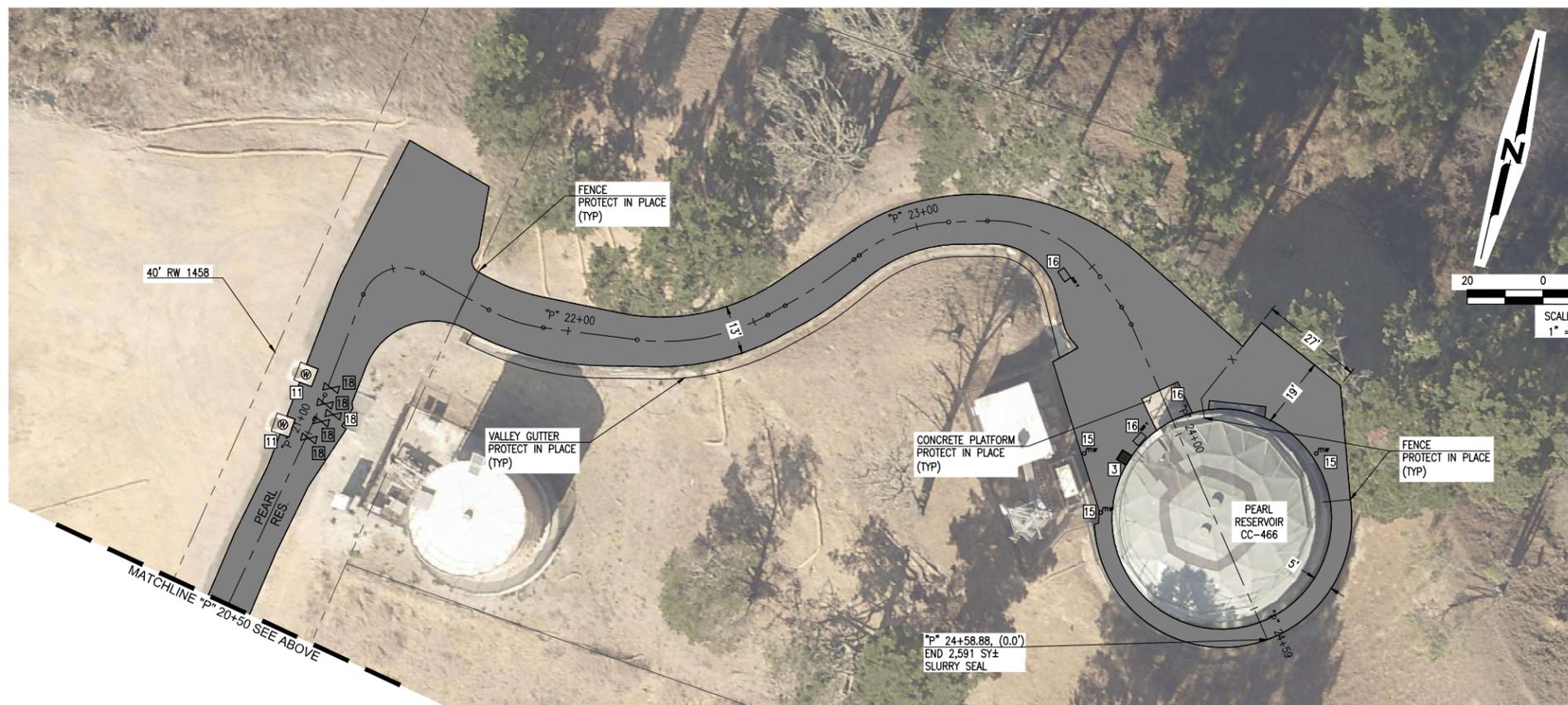
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7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 11 WATER MH; PROTECT IN PLACE.
- 15 MONITORING WELL; PROTECT IN PLACE.
- 16 ELECTRICAL VAULT; PROTECT IN PLACE.
- 18 WATER VALVE BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

SLURRY SEAL



**FINAL PLANS
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DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**
**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**
CIVIL
**IMPROVEMENT PLAN PEARL RES.
'P' 17+50 TO 'P' 23+87**

PROJ. NO. 10625-G	10625-G-025	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.



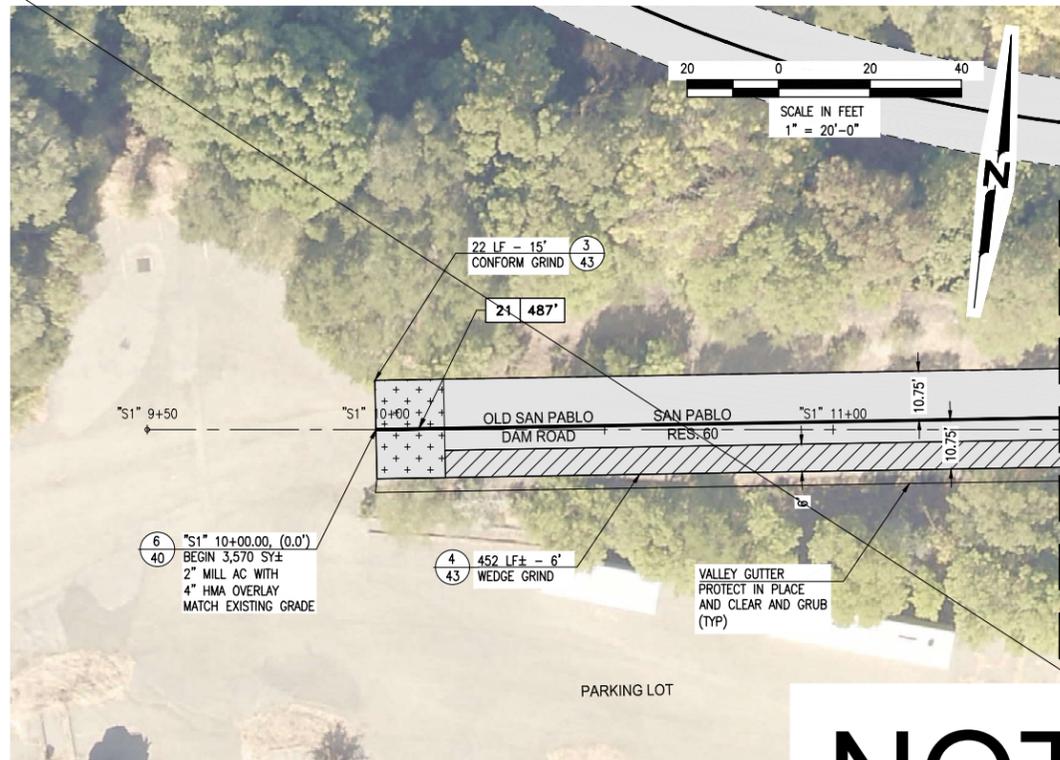
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEMUS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODS/CLY, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEMUS
R.P.E. NO. 107719	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR CONSTRUCTION	
R.P.E. NO.	

PLOT SCALE: USER: DATE: FILE:





- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.

NOT IN CONTRACT

STRIPING KEYNOTES:

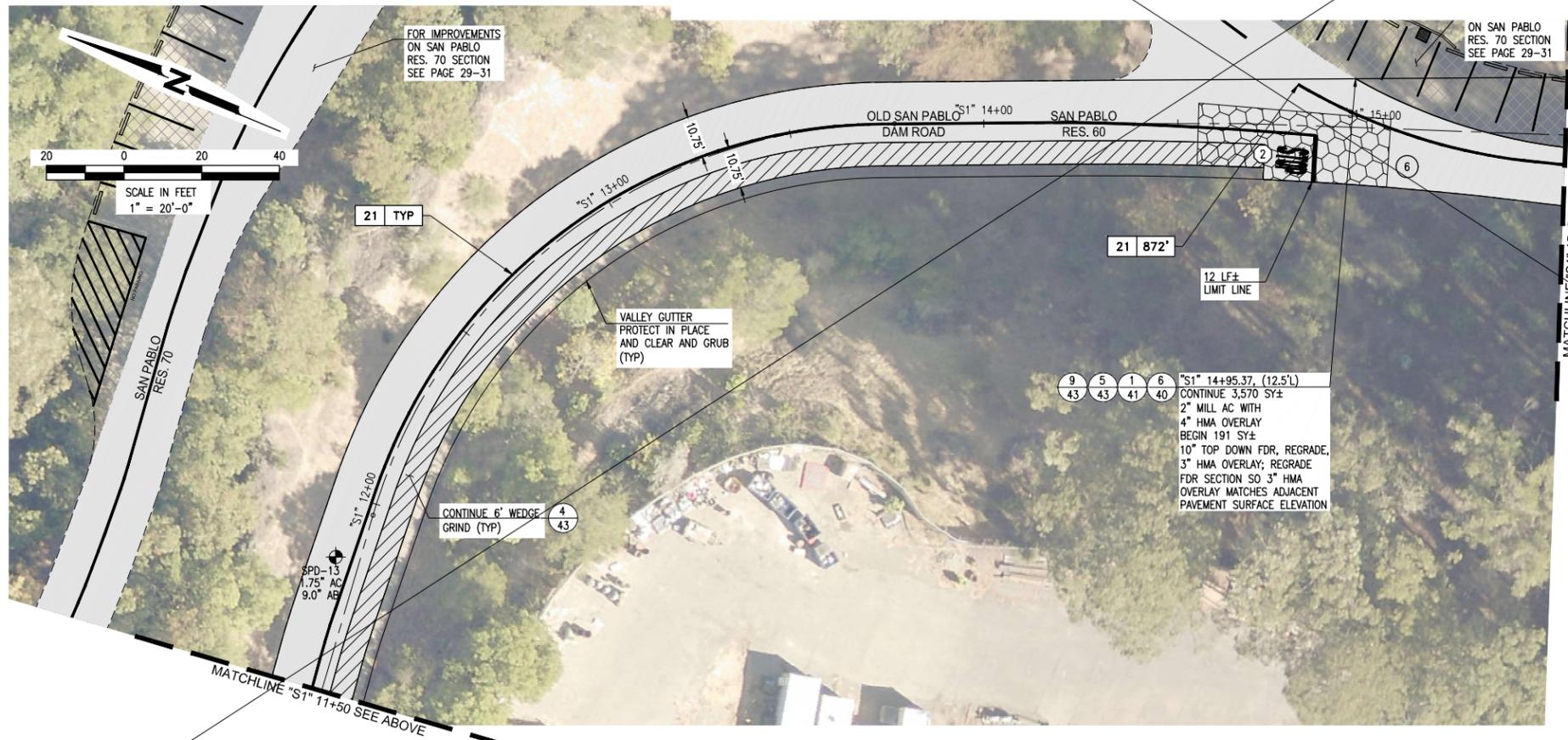
② CALTRANS PAVEMENT MARKING "STOP" 6/42

PAVEMENT TREATMENT LEGEND:

▭ MILL & OVERLAY

▨ FULL DEPTH RECLAMATION

BASE REPAIR (6" DEPTH) - ①/40				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
6	SB	52	16	832
SAN PABLO RESERVOIR 60, STREET TOTAL AREA (SF)				832
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				957



**FINAL PLANS
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BIDDING
DATE: 12/10/2025**

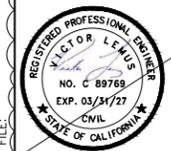


**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SAN PABLO RES. 60
'S1' 9+50 TO 'S1' 15+50**



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



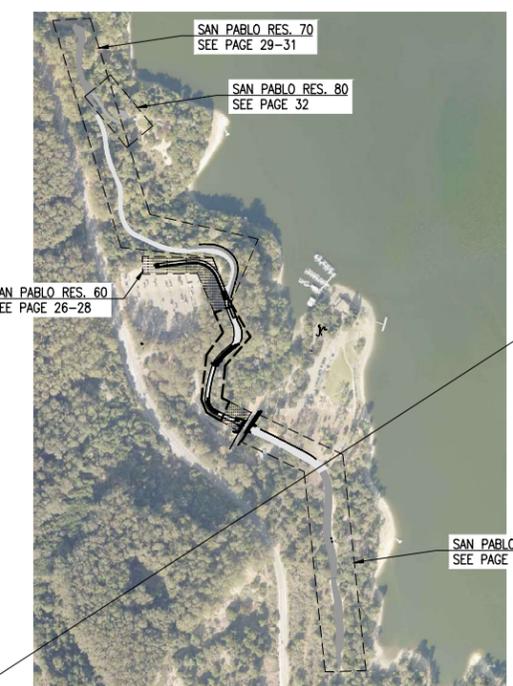
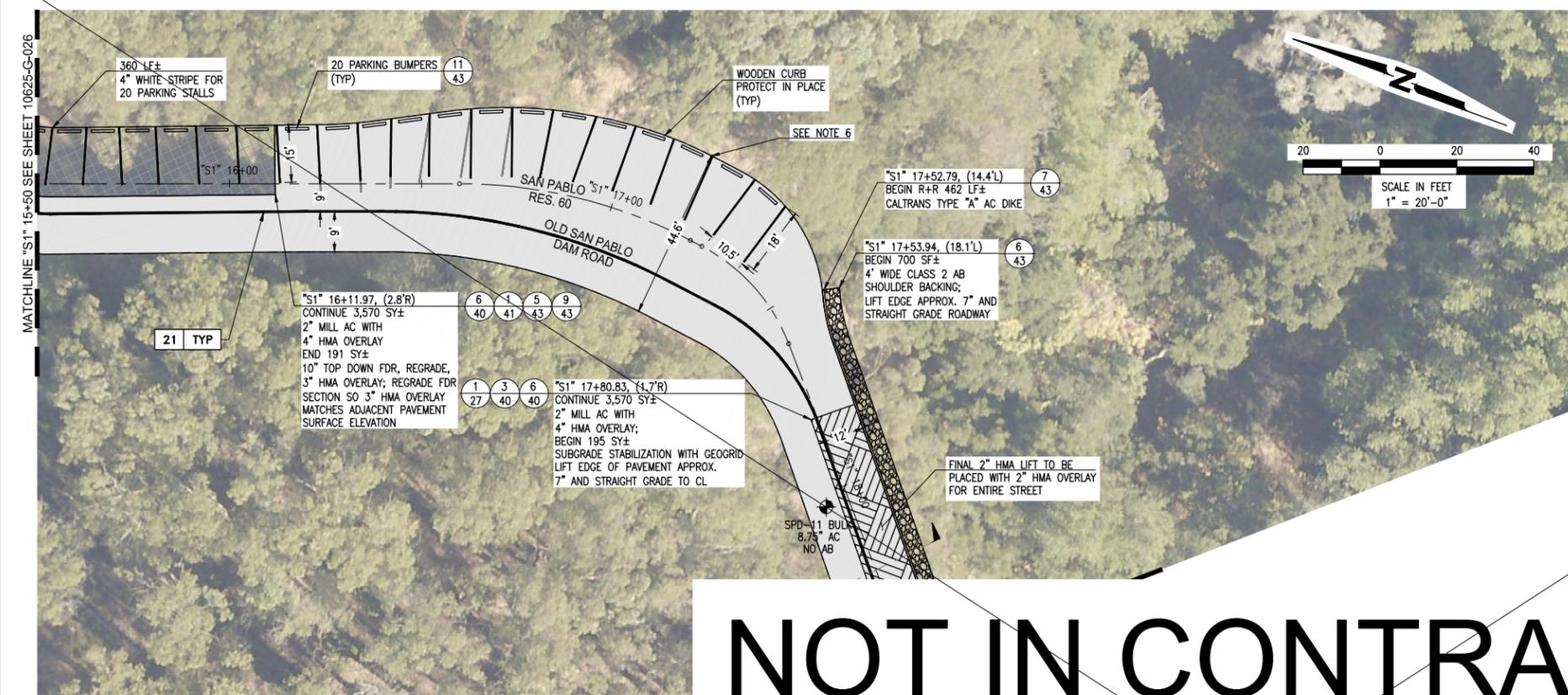
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS
DESIGN CHECKED BY: FRANK HADJIKUMAR
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAWAL
SB PROJ ENGR: R.P.E. NO. 10625-G
R.P.E. NO. 10625-G
APPROVED: VICTOR LEWIS
PRINCIPAL IN CHARGE, R.P.E. NO. 10625-G RYAN SHAWER

PROJECT MANAGER: R.P.E. NO. 10625-G
PROJECT ENGINEER: R.P.E. NO. 10625-G
RECOMMENDED: R.P.E. NO. 10625-G
APPROVED FOR CONSTRUCTION: R.P.E. NO. 10625-G

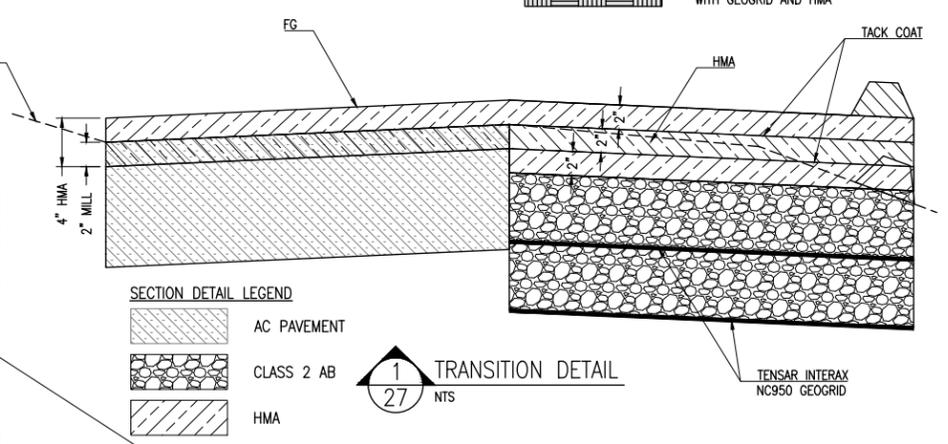
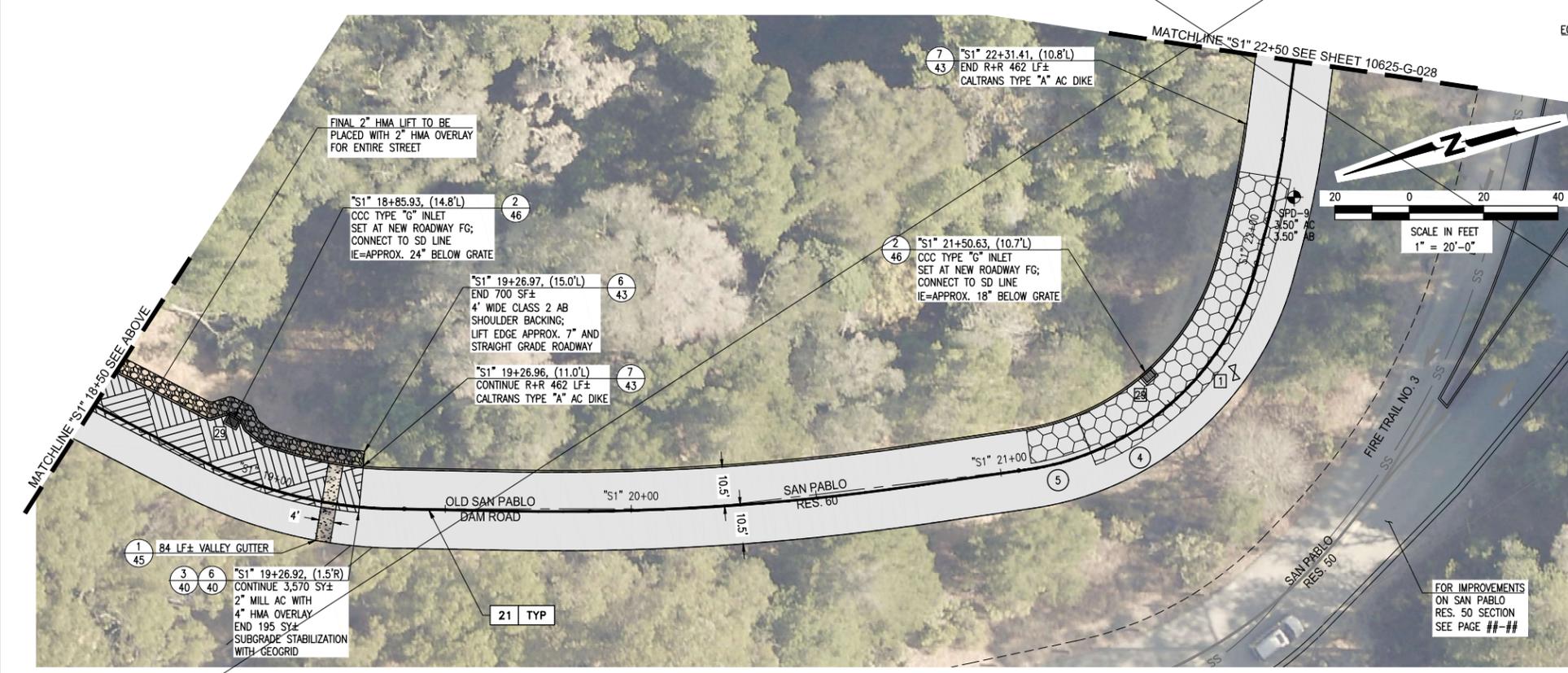
PROJ NO. 10625-G	10625-G-026	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

PLOT SCALE: USER: DATE: FILE:



- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - FOR RECONSTRUCTION SECTIONS THE CONTRACTOR SHALL ESTABLISH THE CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS OF THE EXISTING ROADWAY AND CONSTRUCT THE NEW SECTION TO THESE ELEVATIONS PLUS ANY CHANGES AS NOTED IN THE CROSS SECTION DETAILS.
 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.
- UTILITY KEYNOTES:**
- 1 WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
 - 29 CURB INLET; INSTALL STANDARD CURB INLET. SEE DETAIL 2/46.

NOT IN CONTRACT



BASE REPAIR (6" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
4	NB	90	14	1,260
5	NB	15	9	135
SAN PABLO RESERVOIR 60, STREET TOTAL AREA (SF)				1,395
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				1,604

**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SAN PABLO RES. 60
'S1' 15+50 TO 'S1' 22+50**



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL

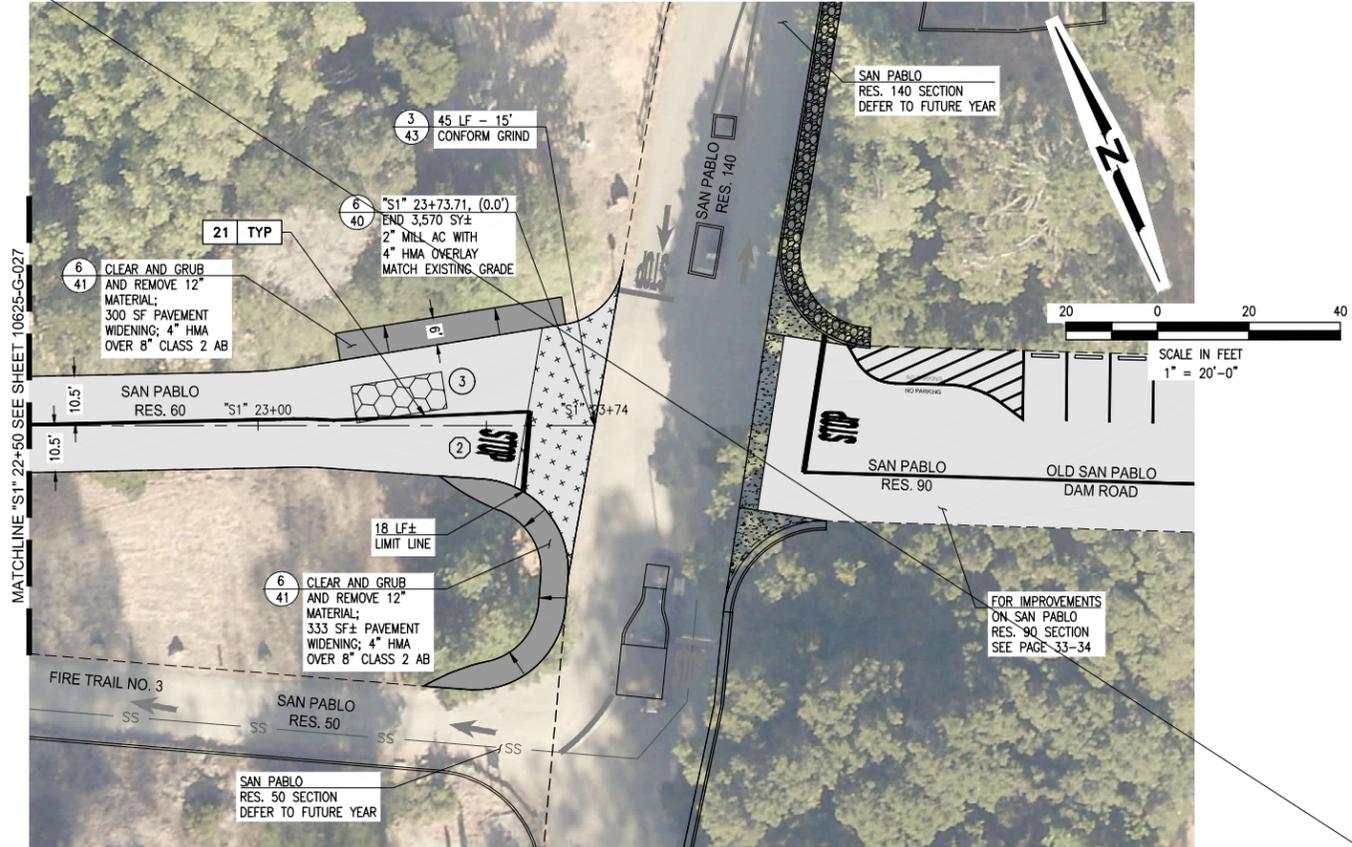
**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SEAL	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 062349	RYAN SHAMER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
APPROVED	R.P.E. NO.
APPROVED	R.P.E. NO.

PROJ. NO.	10625-G	10625-G-027	0
SCALE	1" = 20'		
DATE			
STRUCT.			
DISC.			
NUMBER			
REV.			

PLOT SCALE: 1" = 20'-0"



- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - FOR RECONSTRUCTION SECTIONS THE CONTRACTOR SHALL ESTABLISH THE CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS OF THE EXISTING ROADWAY AND CONSTRUCT THE NEW SECTION TO THESE ELEVATIONS PLUS ANY CHANGES AS NOTED IN THE CROSS SECTION DETAILS.
 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.

STRIPING KEYNOTES:

② CALTRANS PAVEMENT MARKING "STOP" 6/42

PAVEMENT TREATMENT LEGEND:

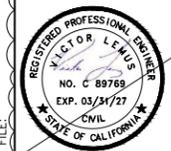
□ MILL & OVERLAY

■ PAVEMENT WIDENING

NOT IN CONTRACT

BASE REPAIR (6" DEPTH) - ①				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
3	NB	20	8	160
SAN PABLO RESERVOIR 60, STREET TOTAL AREA (SF)				160
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				184

PLOT SCALE:
USER: DATE: FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM	VL	



East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

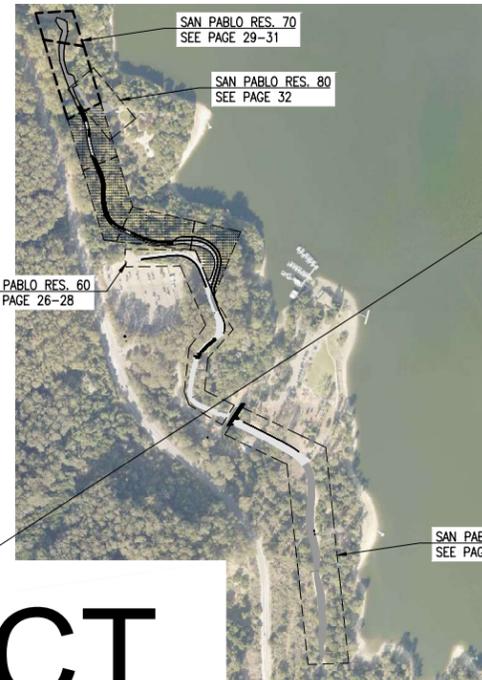
**FINAL PLANS
ISSUED FOR
BIDDING**
DATE: 12/10/2025



DESIGNED BY: VICTOR LEWIS
DESIGN CHECKED BY: FRANK HADJIKISSLER
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAWA
SE. PROJ. ENGR. R.P.E. NO. 107799
APPROVED: VICTOR LEWIS
PRINCIPAL IN CHARGE, R.P.E. NO. 102349 RYAN SHAWER

PROJECT MANAGER R.P.E. NO.
PROJECT ENGINEER R.P.E. NO.
RECOMMENDED SE. CIVIL ENGR. R.P.E. NO.
APPROVED FOR FACILITIES MAINTENANCE AND CONSTRUCTION R.P.E. NO.

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN SAN PABLO RES. 60 'S1' 22+50 TO 'S1' 23+74 PG. 28			
PROJ NO. 10625-G	10625-G-028		0
SCALE 1" = 20'			
DATE	STRUCT.	DISC.	NUMBER

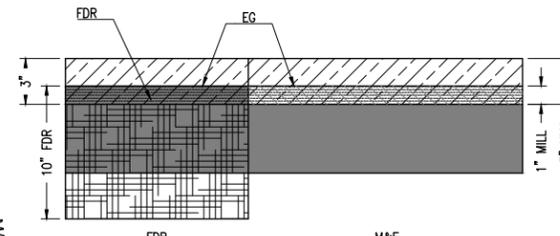


- CONSTRUCTION NOTES:**
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- UTILITY KEYNOTES:**
- 2 FIRE HYDRANT; PROTECT IN PLACE.

- PAVEMENT TREATMENT LEGEND:**
- CAPE SEAL
 - MILL & OVERLAY
 - FULL DEPTH RECLAMATION

- SECTION DETAIL LEGEND:**
- AC PAVEMENT
 - HMA
 - FDR

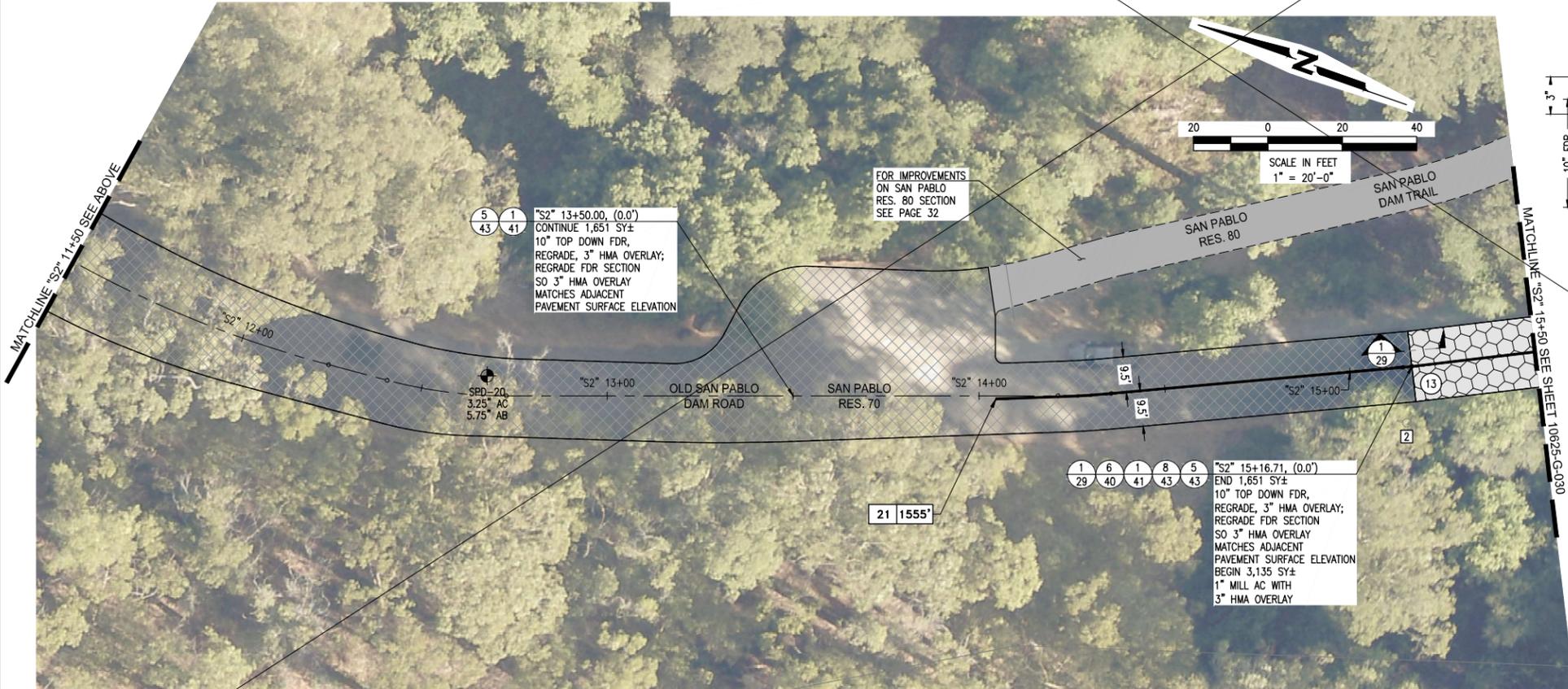


1
29 TRANSITION DETAIL
NTS

BASE REPAIR (4" DEPTH) - (1/40)

NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
13	SB	84	18	1,512
SAN PABLO RESERVOIR 70, STREET TOTAL AREA (SF)				1,512
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				1,739

NOT IN CONTRACT



**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SAN PABLO RES. 70
'S2' 9+50 TO 'S2' 15+50**



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



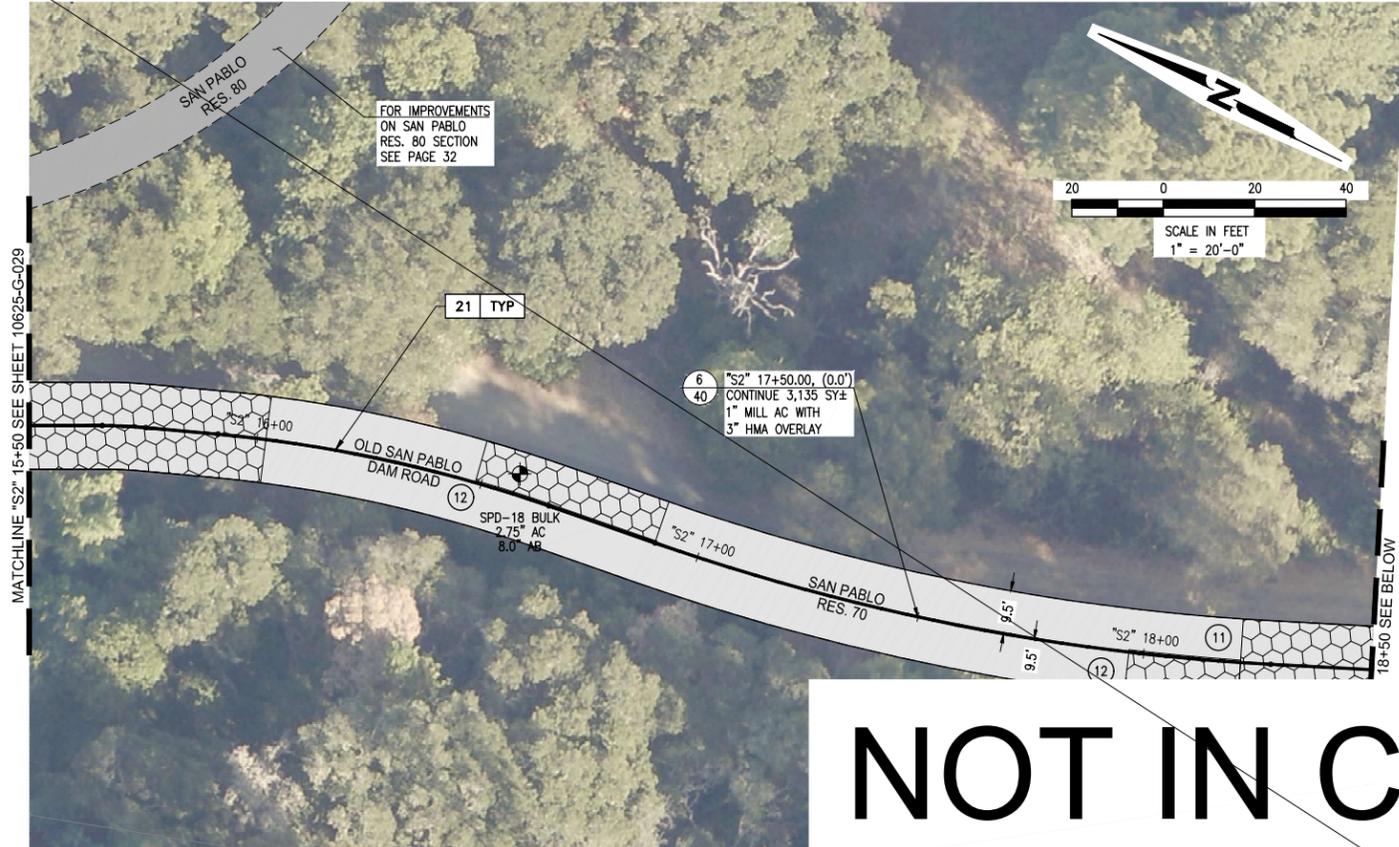
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKIHLER
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SE, PROJ. ENGR.	
R.P.E. NO. 100794	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR FACILITIES MAINTENANCE	
AND CONSTRUCTION	
R.P.E. NO.	

PROJ NO.	10625-G	10625-G-029	0
SCALE	1" = 20'		
DATE			
STRUCT.			
DISC.			
NUMBER			
REV.			

PLOT SCALE: USER: DATE: FILE:

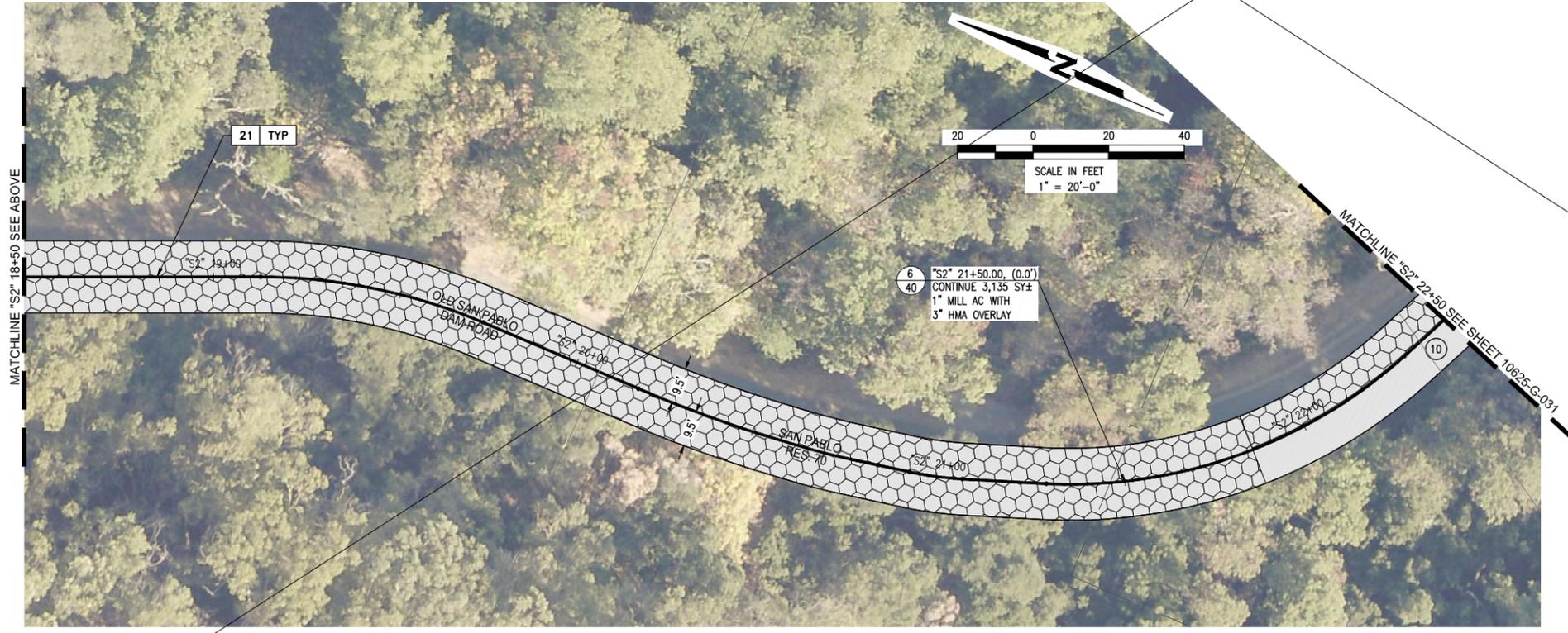


- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - FOR RECONSTRUCTION SECTIONS THE CONTRACTOR SHALL ESTABLISH THE CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS OF THE EXISTING ROADWAY AND CONSTRUCT THE NEW SECTION TO THESE ELEVATIONS PLUS ANY CHANGES AS NOTED IN THE CROSS SECTION DETAILS.
 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.

PAVEMENT TREATMENT LEGEND:

	CAPE SEAL
	MILL & OVERLAY

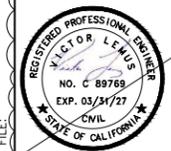
NOT IN CONTRACT



BASE REPAIR (4" DEPTH) - 1/40

NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
10	NB	80	9	720
11	NB	360	18	6,480
12	SB	25	10	250
12	NB	42	9	378
SAN PABLO RESERVOIR 70, STREET TOTAL AREA (SF)				7,828
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				9,002

PLOT SCALE: USER: DATE: FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



East Bay Municipal Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025

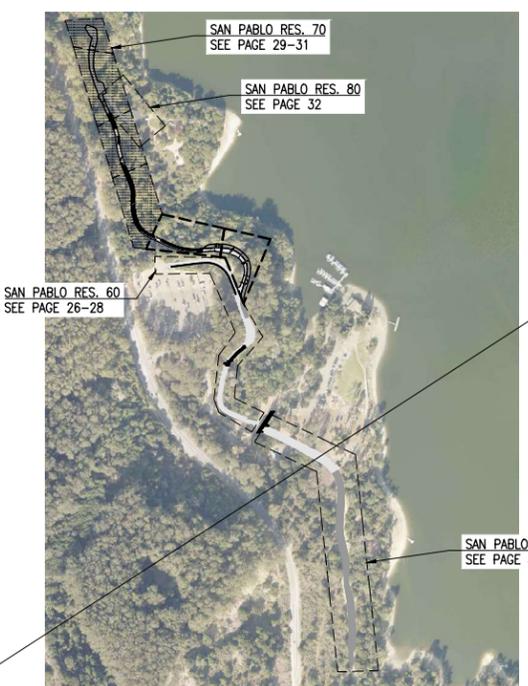
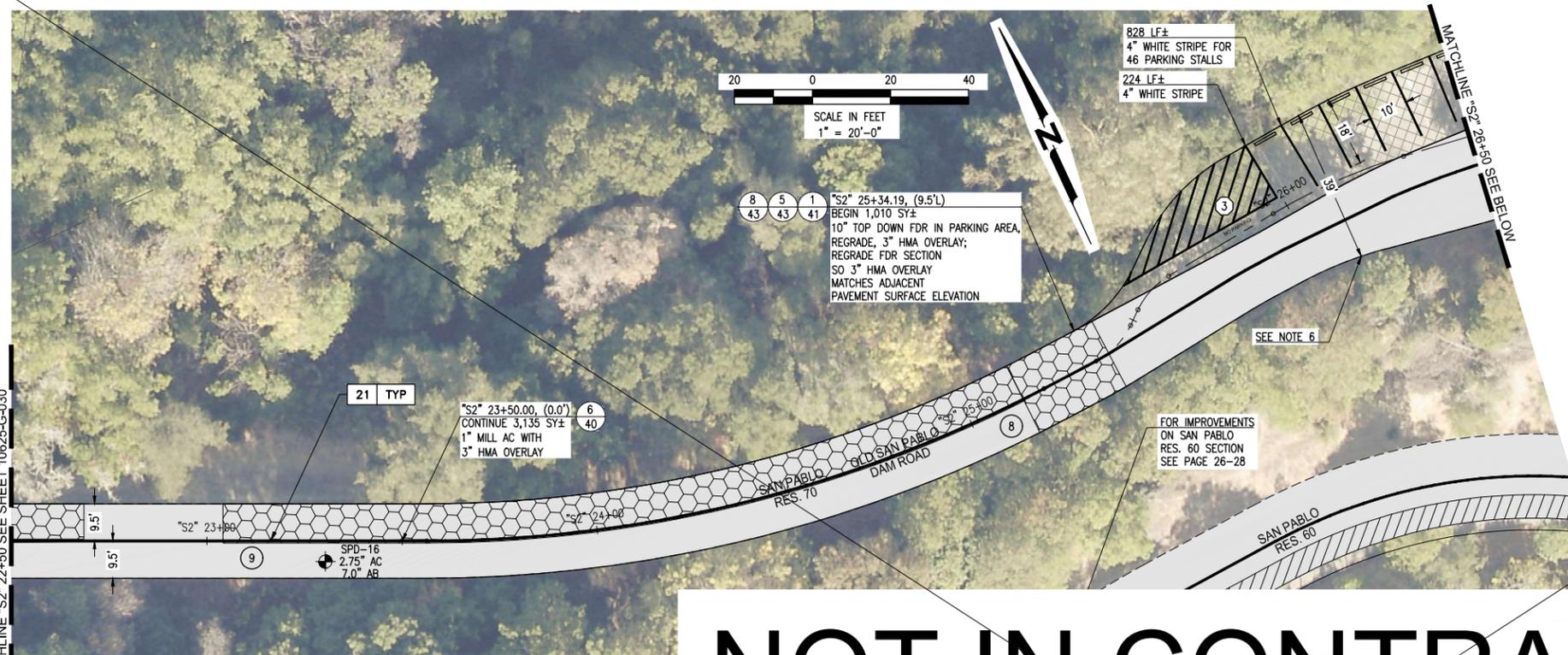


DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKOULARIS
DRAWN BY	SARAH WOODLIN, DIANA BASHARAWA
SE. PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	C02349
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	C02349 RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE. CIVIL ENGR.	R.P.E. NO.
APPROVED	
FOR CONSTRUCTION	R.P.E. NO.

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN SAN PABLO RES. 70 "S2" 15+50 TO "S2" 22+50			
PROJ. NO.	10625-G	10625-G-030	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.

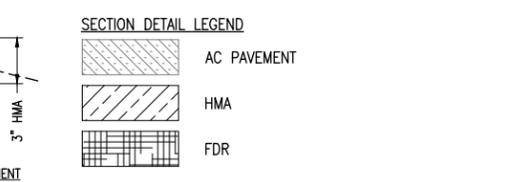
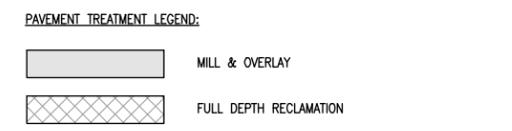
MATCHLINE "S2" 22+50 SEE SHEET 10625-G-030



- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - FOR RECONSTRUCTION SECTIONS THE CONTRACTOR SHALL ESTABLISH THE CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS OF THE EXISTING ROADWAY AND CONSTRUCT THE NEW SECTION TO THESE ELEVATIONS PLUS ANY CHANGES AS NOTED IN THE CROSS SECTION DETAILS.
 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.

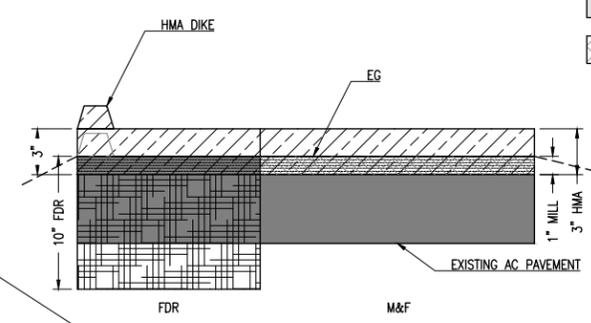
- UTILITY KEYNOTES:**
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.

- STRIPING KEYNOTES:**
- 3 CUSTOM PAVEMENT MARKING "NO PARKING" 8/42

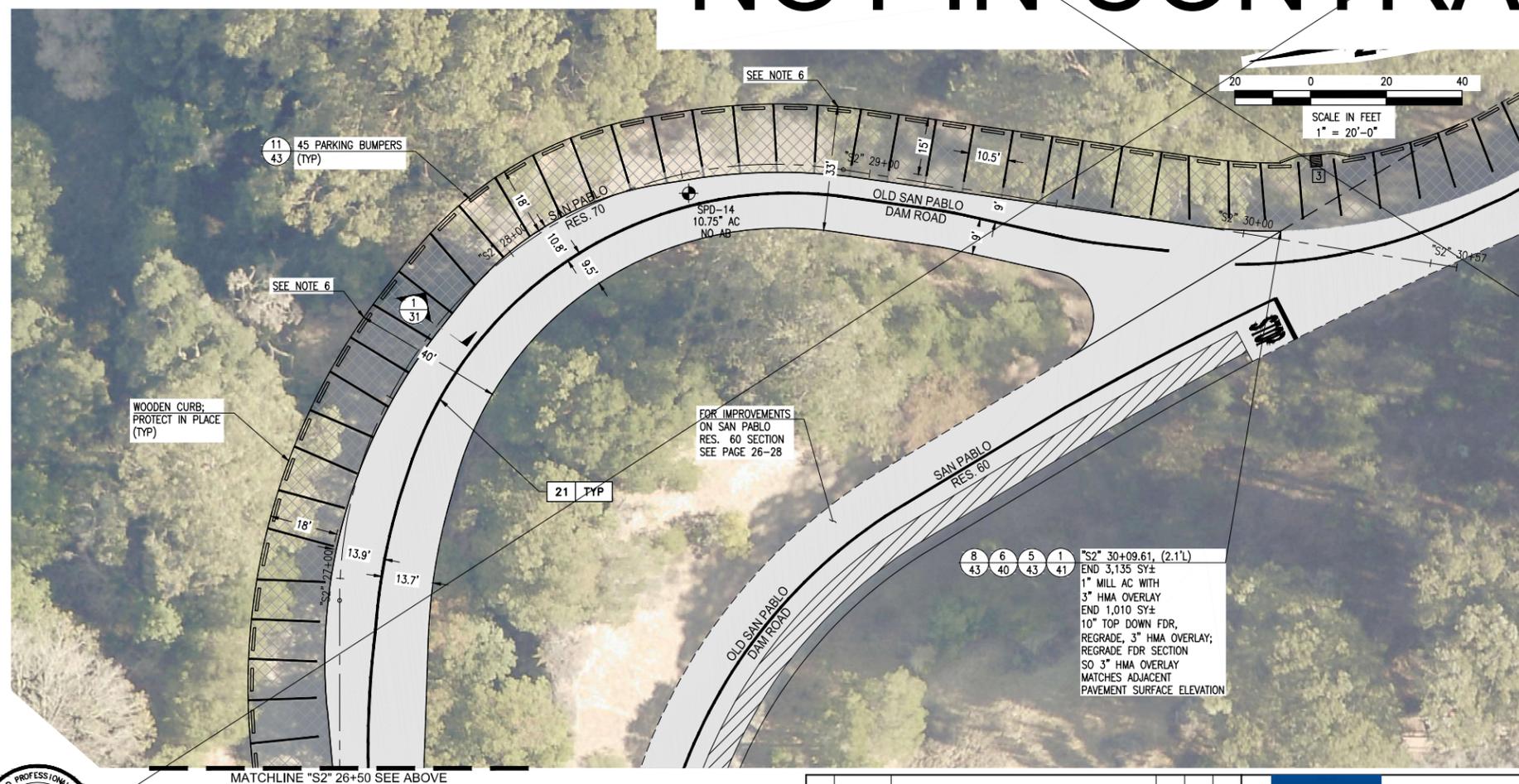


BASE REPAIR (4" DEPTH) - (1/40)

NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
8	NB	25	18	450
9	NB	206	10	2,060
SAN PABLO RESERVOIR 70, STREET TOTAL AREA (SF)				2,510
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				2,887



NOT IN CONTRACT



FINAL PLANS
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BIDDING
DATE: 12/10/2025



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL

East Bay Municipal Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS	PROJECT MANAGER: R.P.E. NO.
DESIGN CHECKED BY: FRANK HADJIDEMIR	PROJECT ENGINEER: R.P.E. NO.
DRAWN BY: SAMUEL WOODLIN, DIANA BASHARAW	RECOMMENDED BY: CIVIL ENGR. R.P.E. NO.
APPROVED: VICTOR LEWIS	APPROVED FOR CONSTRUCTION: R.P.E. NO.
PRINCIPAL IN CHARGE, R.P.E. NO. 62349 RYAN SHAWER	

EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA

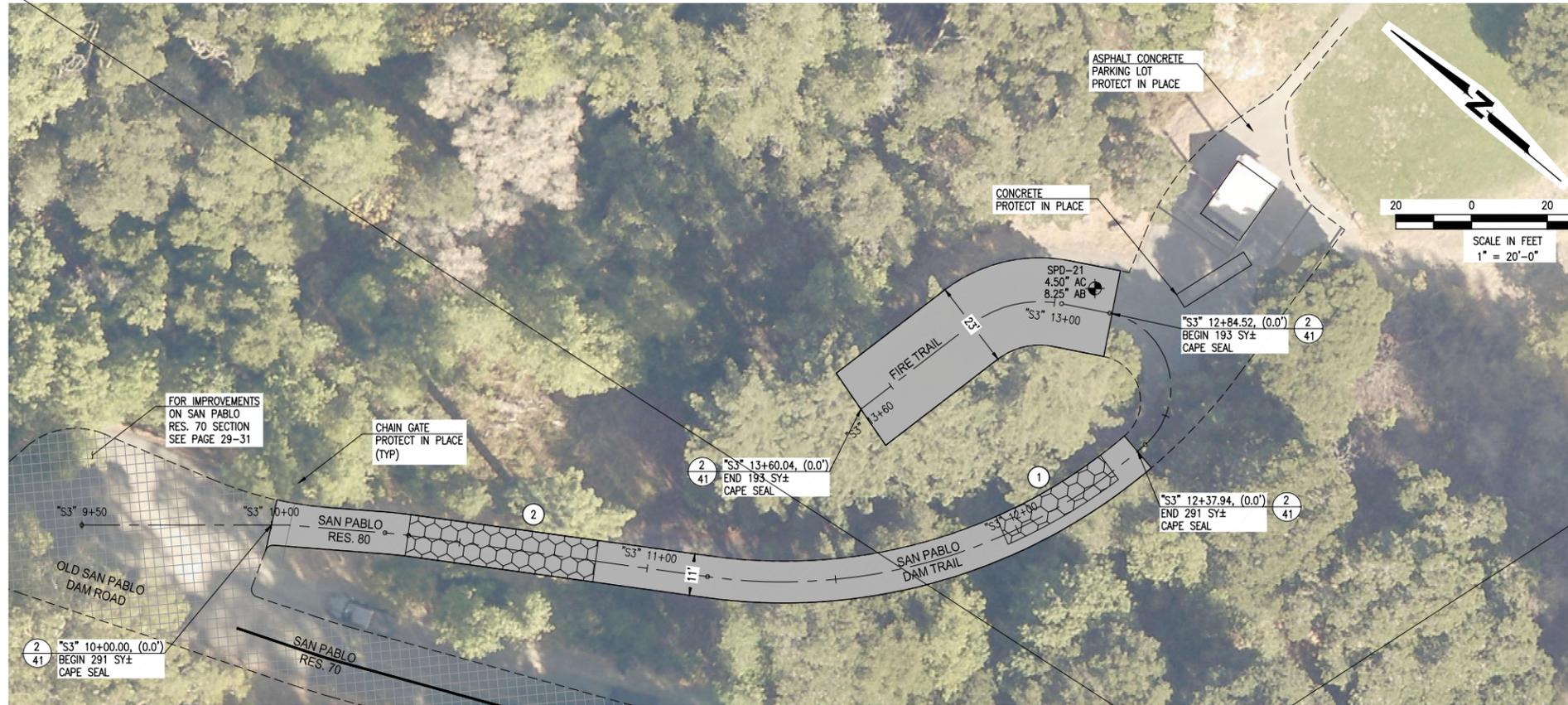
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

IMPROVEMENT PLAN SAN PABLO RES. 70
'S2' 22+50 TO 'S2' 30+57

PG. 31

PROJ NO. 10625-G	10625-G-031	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

USER: PLOT SCALE: DATE: FILE:



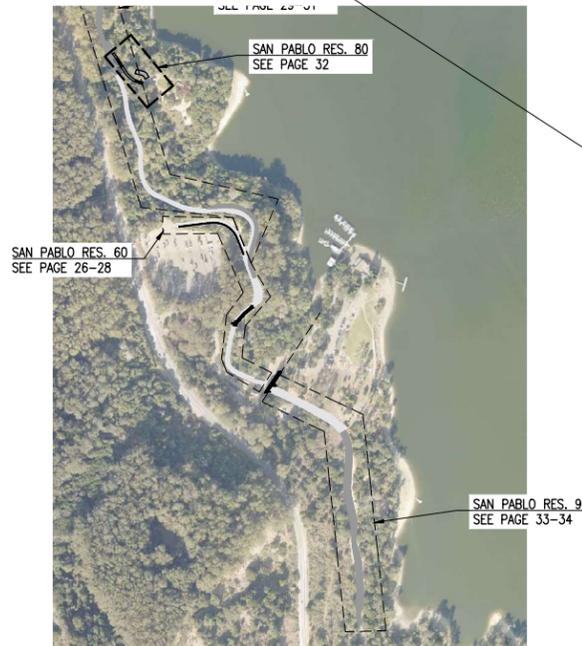
CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

PAVEMENT TREATMENT LEGEND:

- CAPE SEAL
- FULL DEPTH RECLAMATION

NOT IN CONTRACT



BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	NB	32	8	256
2	NB	50	10	500
SAN PABLO RESERVOIR 80, STREET TOTAL AREA (SF)				756
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				869

FINAL PLANS
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BIDDING
 DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT
 OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
 YEAR 1
 CIVIL

IMPROVEMENT PLAN SAN PABLO RES. 80
 ''S3'' 9+50 TO ''S3'' 13+60

PROJ NO. 10625-G
 SCALE 1" = 20'
 DATE _____

10625-G-032
 STRUCT. DISC. NUMBER REV.

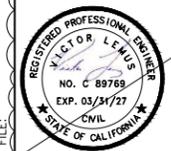
NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL



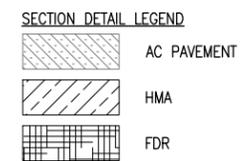
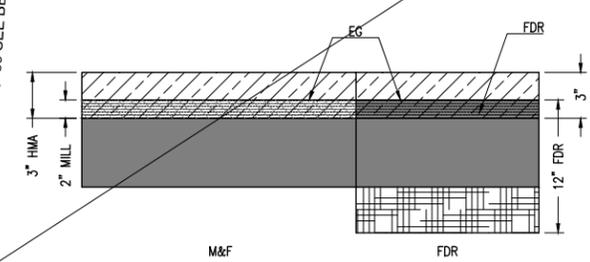
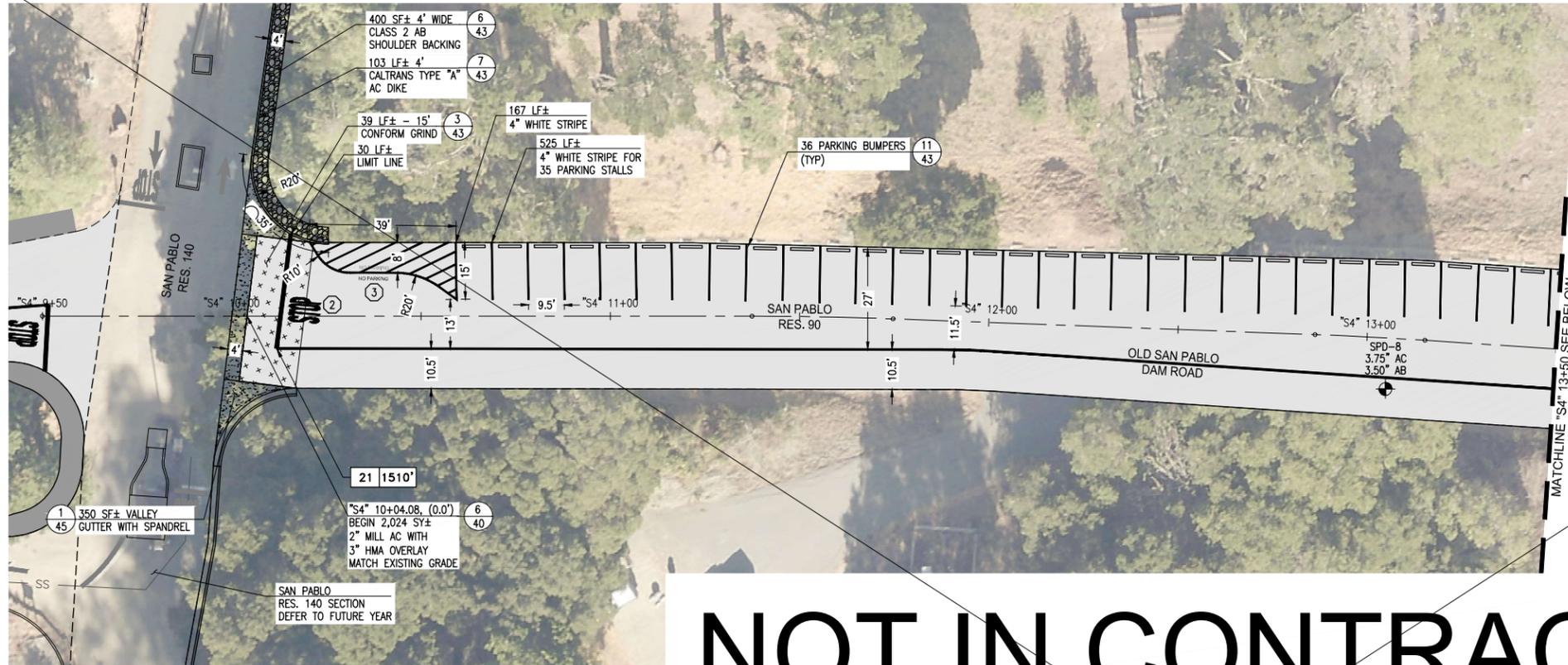
East Bay Municipal
 Utility District (EBMUD)
 375 11th Street
 Oakland, CA, 94607
 Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS
 DESIGN CHECKED BY: FRANK HADJIKOUMIS
 DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAW
 SE. PROJ. ENGR. R.P.E. NO. 107794
 APPROVED: VICTOR LEWIS
 PRINCIPAL IN CHARGE, R.P.E. NO. 102349 RYAN SHAWER

PROJECT MANAGER R.P.E. NO. _____
 PROJECT ENGINEER R.P.E. NO. _____
 RECOMMENDED BY: CIVIL ENGR. R.P.E. NO. _____
 APPROVED FOR CONSTRUCTION R.P.E. NO. _____



USER: _____
 DATE: _____
 FILE: _____
 PLOT SCALE: _____

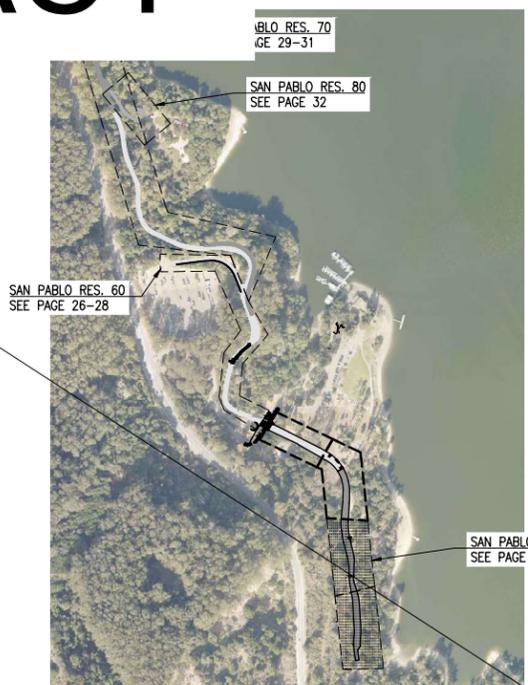
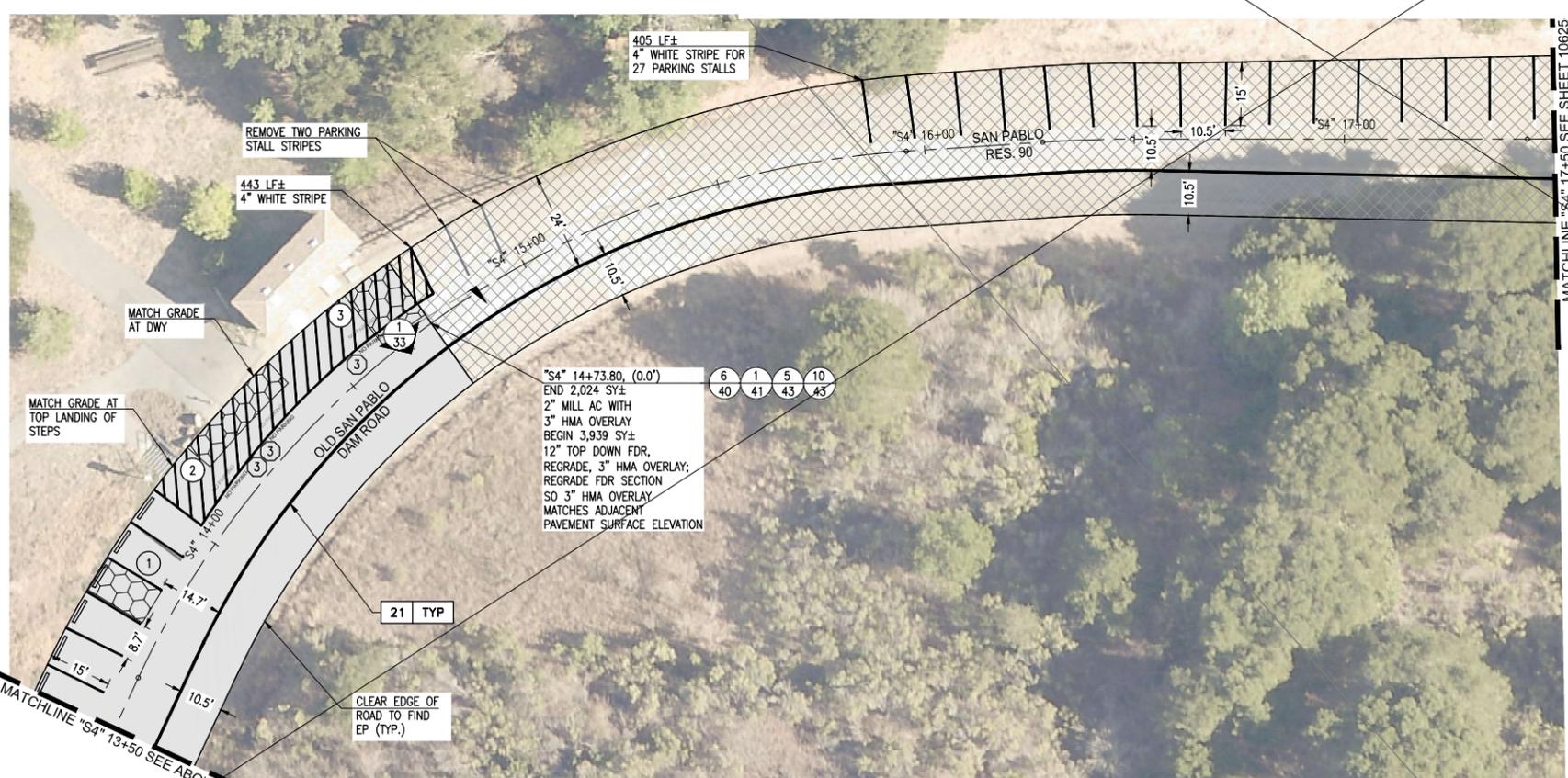


- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
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 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.

NOT IN CONTRACT

- STRIPING KEYNOTES:**
- (2) CALTRANS PAVEMENT MARKING "STOP" 6/42
 - (3) CUSTOM PAVEMENT MARKING "NO PARKING" 8/42

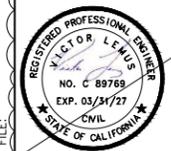
- PAVEMENT TREATMENT LEGEND:**
- MILL & OVERLAY
 - FULL DEPTH RECLAMATION



BASE REPAIR (4" DEPTH) - (1/40)

NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	NB	15	9	135
2	NB	28	7	196
3	NB	13	15	195
SAN PABLO RESERVOIR 90, STREET TOTAL AREA (SF)				526
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				605

PLOT SCALE:
USER: DATE: FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL

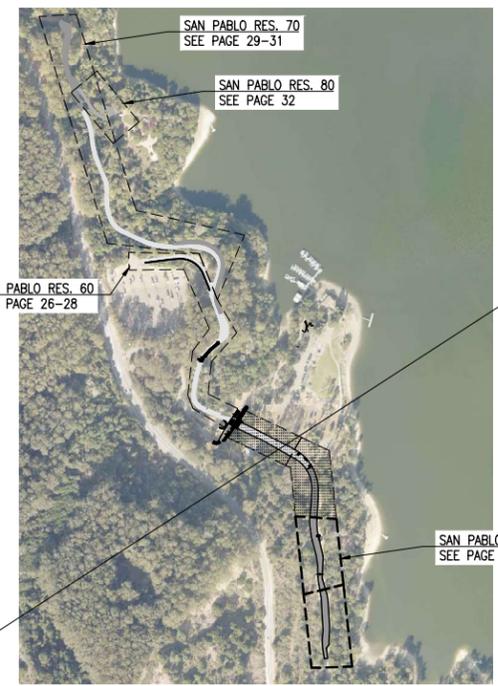
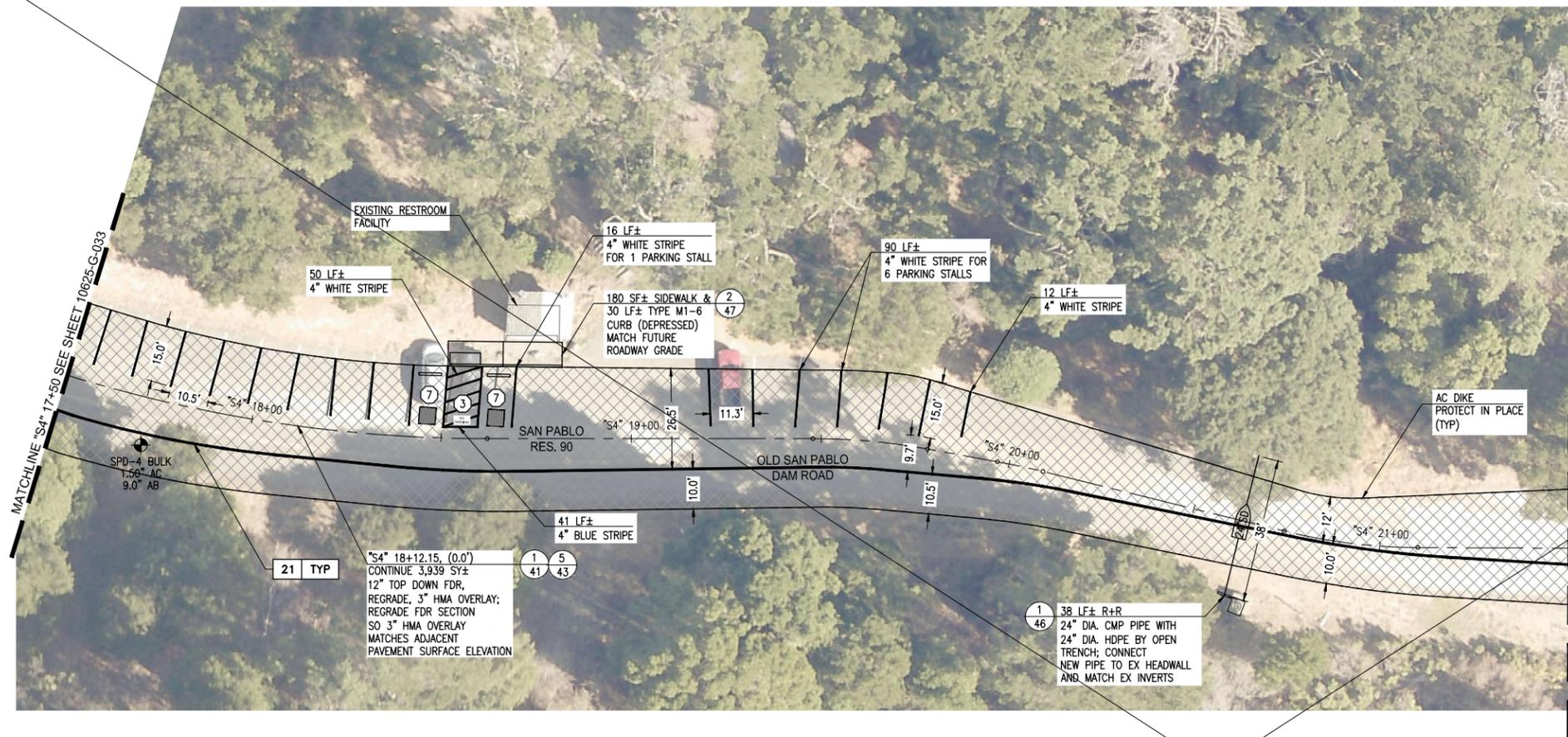


East Bay Municipal Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

FINAL PLANS
ISSUED FOR BIDDING
DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN SAN PABLO RES. 90 ''S4'' 9+50 TO ''S4'' 17+50			
PRJ NO. 10625-G	10625-G-033		0
SCALE 1" = 20'			
DATE	STRUCT.	DISC.	NUMBER



- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - FOR RECONSTRUCTION SECTIONS THE CONTRACTOR SHALL ESTABLISH THE CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS OF THE EXISTING ROADWAY AND CONSTRUCT THE NEW SECTION TO THESE ELEVATIONS PLUS ANY CHANGES AS NOTED IN THE CROSS SECTION DETAILS.
 - LANE WIDTH DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENTS. LANE WIDTHS SHALL BE 9' MINIMUM AND PARKING STALL LENGTHS SHALL BE ADJUSTED ACCORDINGLY.
- PAVEMENT TREATMENT LEGEND:**
- ▨ FULL DEPTH RECLAMATION
- STRIPING KEYNOTES:**
- ③ CUSTOM PAVEMENT MARKING "NO PARKING" 8/42
 ⑦ INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING 7/42

NOT IN CONTRACT



**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



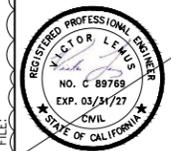
**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SAN PABLO RES. 90
'S4'' 17+50 TO 'S4'' 25+68**

USER: PLOT SCALE:
DATE: FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM		VL

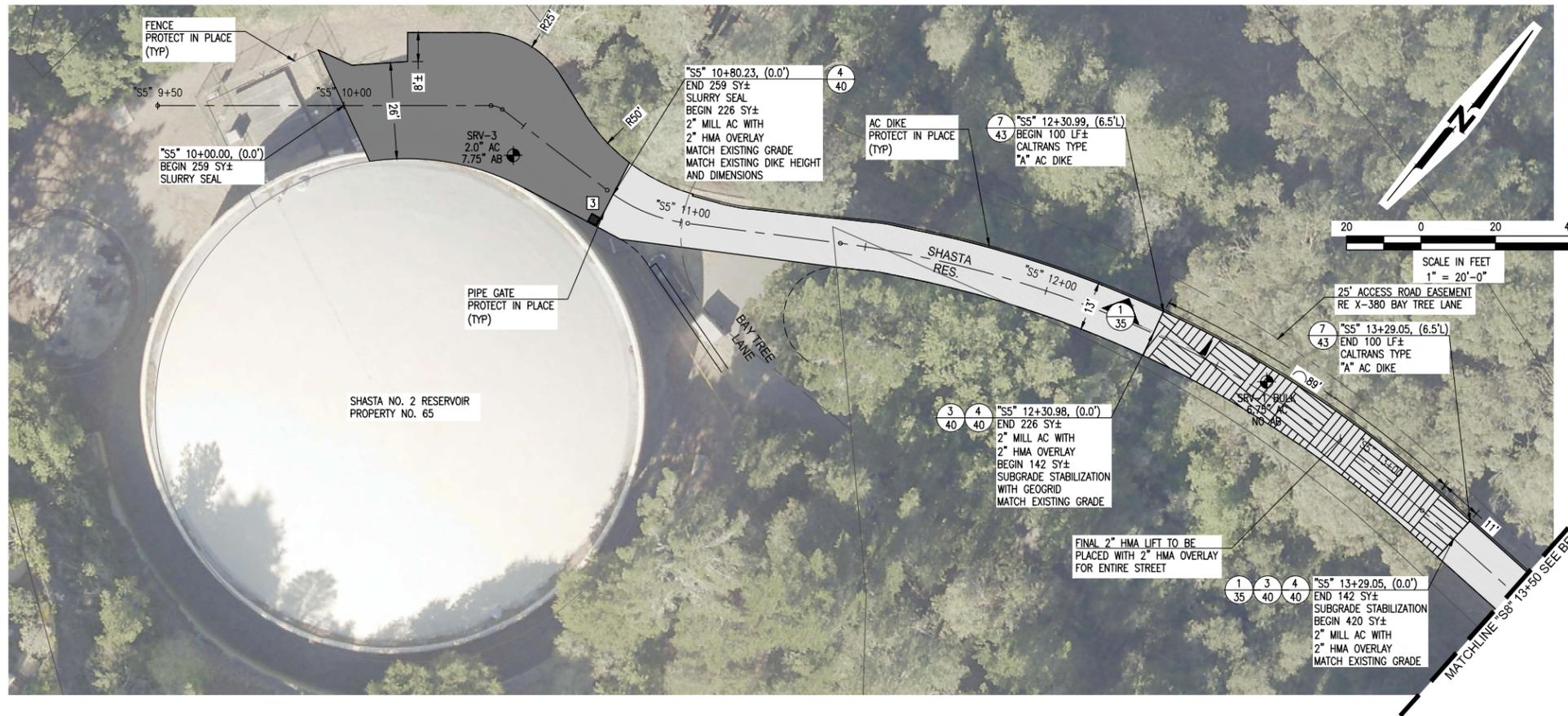


East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKIHLER
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	602349 RYAN SHAWER

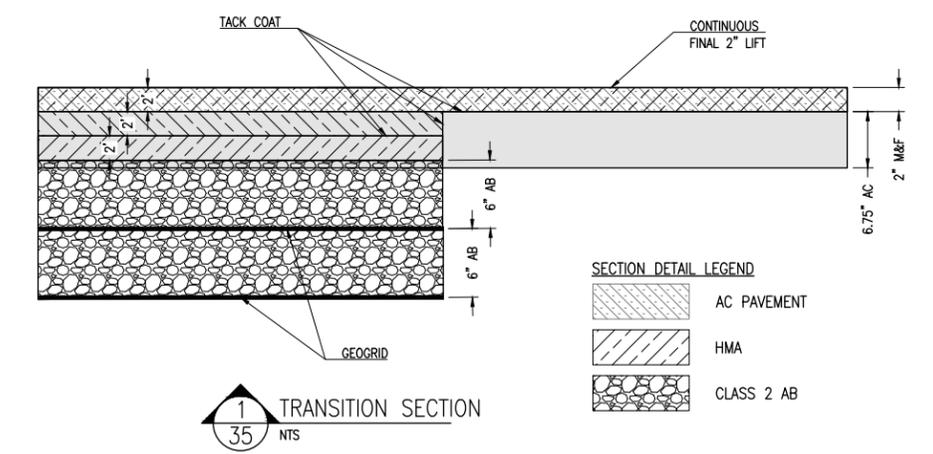
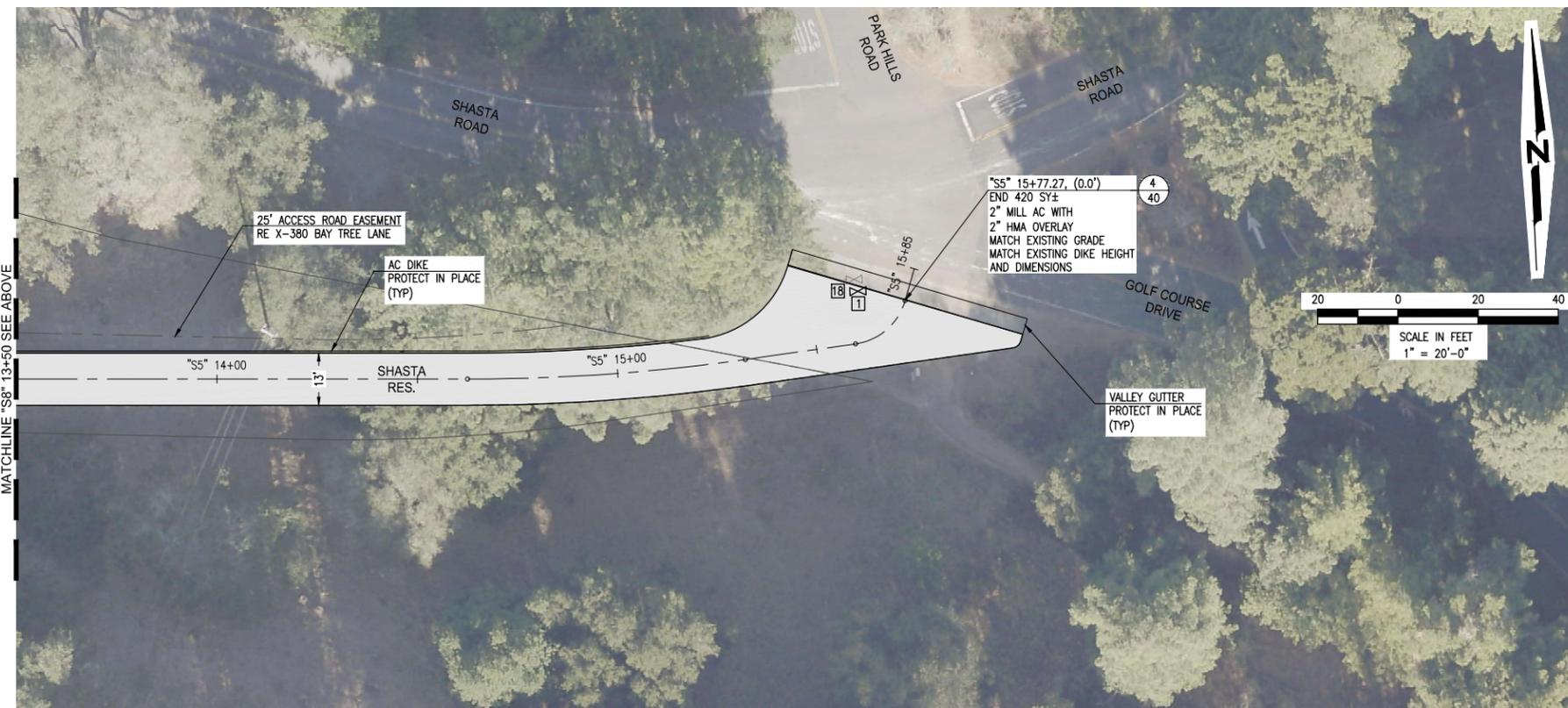
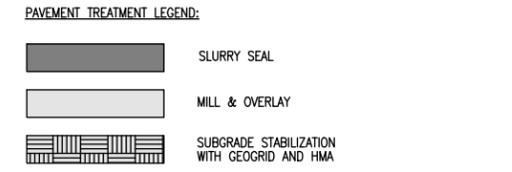
PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR FACILITIES MAINTENANCE	
AND CONSTRUCTION	
R.P.E. NO.	

PROJ. NO.	10625-G	10625-G-034	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.



- CONSTRUCTION NOTES:**
- PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 - PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 - FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
 - CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
 - LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

- UTILITY KEYNOTES:**
- WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
 - CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - WATER VALVE BOX; PROTECT IN PLACE.



**FINAL PLANS
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BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SHASTA RES.
'SS' 9+50 TO 'SS' 15+85**

PROJ. NO. 10625-G	10625-G-035	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

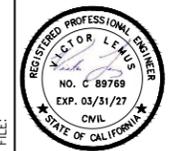
NO.	DATE	REVISION	BY	REC.	APP.

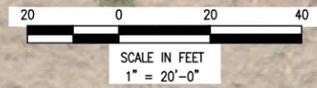
**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY: VICTOR LEMUS
DESIGN CHECKED BY: FRANK HADJIKOZIS
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAW
SS PROJ. ENGR. R.P.E. NO. 107799
APPROVED: VICTOR LEMUS
PRINCIPAL IN CHARGE, R.P.E. NO. 102349 RYAN SHAMER

PROJECT MANAGER R.P.E. NO. [blank]
PROJECT ENGINEER R.P.E. NO. [blank]
RECOMMENDED BY CIVIL ENGR. R.P.E. NO. [blank]
APPROVED FOR CONSTRUCTION R.P.E. NO. [blank]

USER: [blank]
DATE: [blank]
FILE: [blank]





CONSTRUCTION NOTES:

1. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
3. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
4. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
5. LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

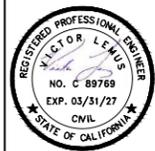
UTILITY KEYNOTES:

- 1 WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
- 6 ELECTRICAL VAULT; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

SURFACE RECONSTRUCTION

PLOT SCALE:
USER:
DATE:
FILE:



NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
375 11th Street
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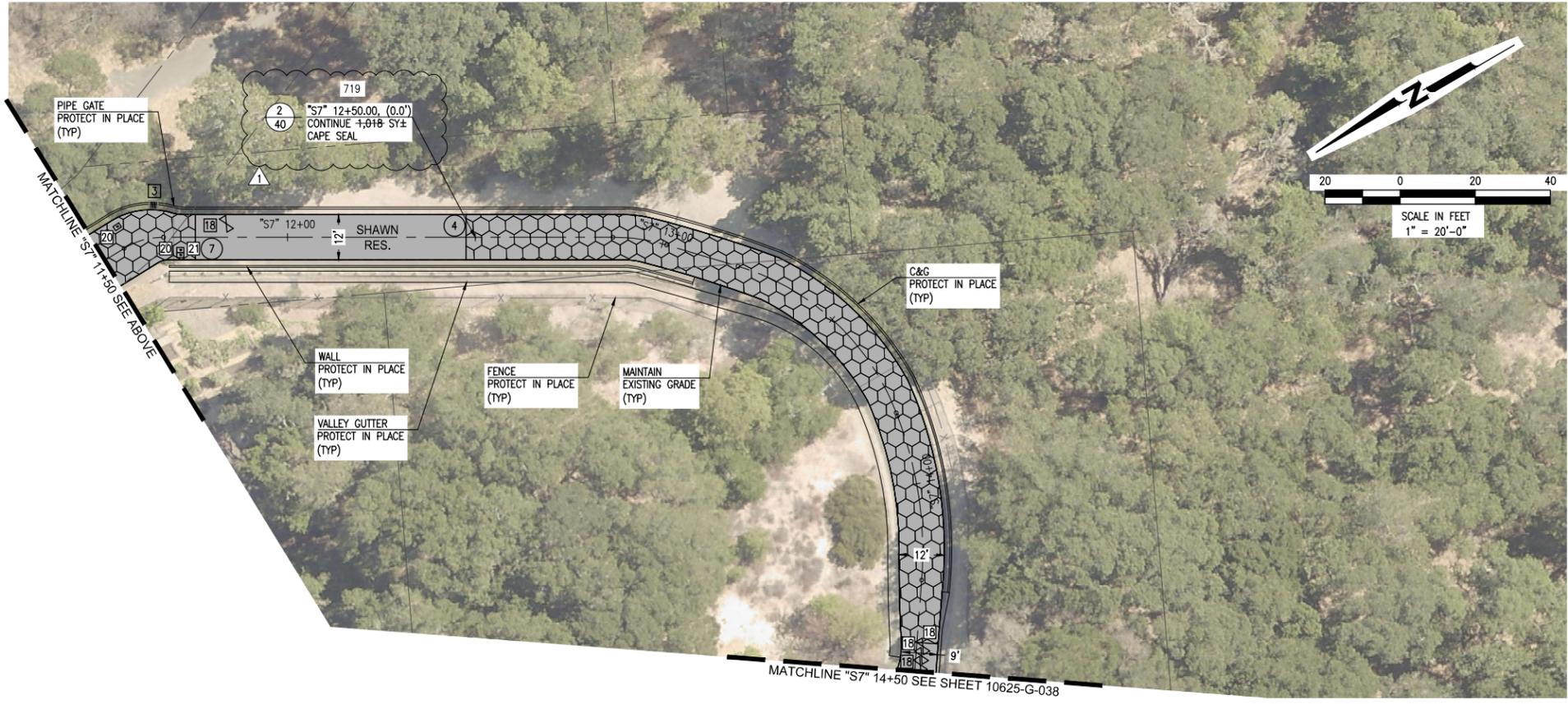
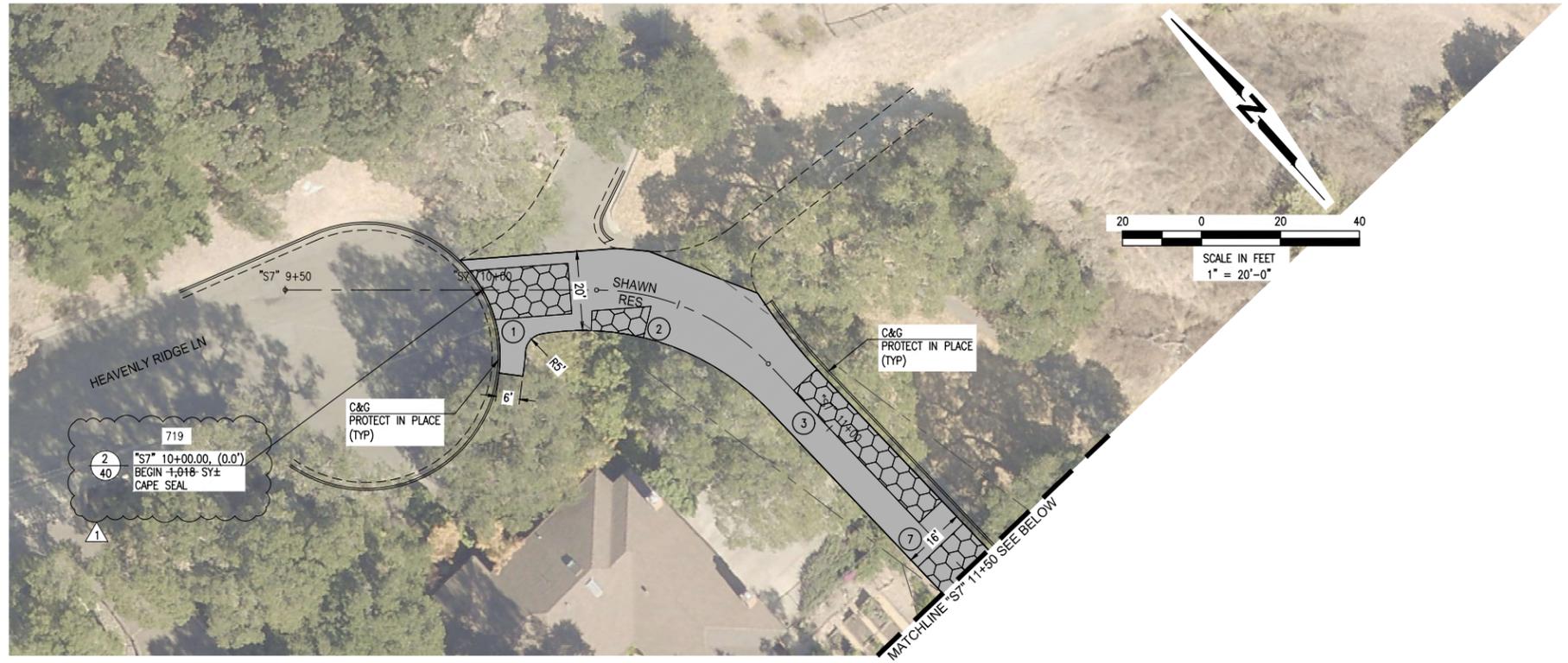
FINAL PLANS
 ISSUED FOR
 BIDDING
 DATE: 12/10/2025



DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKAKIS
DRAWN BY	SARAH WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	C07799
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	C02349 RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	R.P.E. NO.
APPROVED	R.P.E. NO.
FOR FACILITIES MAINTENANCE	R.P.E. NO.
AND CONSTRUCTION	R.P.E. NO.

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN SHAWN PUMP PLANT ''S6'' 9+50 TO ''S6'' 12+61			
PROJ NO.	10625-G	10625-G-036	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC. NUMBER REV.



- CONSTRUCTION NOTES:**
1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
 2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
 3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
 4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
 5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
 6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
 7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
 8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

- UTILITY KEYNOTES:**
- 3 CATCH BASIN OR CURB INLET; PROTECT IN PLACE AND INSTALL BMP'S.
 - 18 WATER VALVE BOX; PROTECT IN PLACE.
 - 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
 - 21 ELECTRICAL BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

CAPE SEAL

BASE REPAIR (4" DEPTH) - (1/40)				
NO.	DIRECTION	LENGTH (LF)	WIDTH (LF)	AREA (SF)
1	EB	25	14	350
2	SB	15	5	75
3	NB	46	8	368
4	SB	185	12	2,220
7	SB	31	12	372
SHAWN RESERVOIR, STREET TOTAL AREA (SF)				3,385
TOTAL AREA (WITH 15% CONTINGENCY)(SF)				3,893

**FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025**



**EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA**

**PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1**

CIVIL

**IMPROVEMENT PLAN SHAWN RES.
'S7' 9+50 TO 'S7' 14+50**

NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; TREATMENT REVISION	SM		VL

**East Bay Municipal
Utility District (EBMUD)**
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

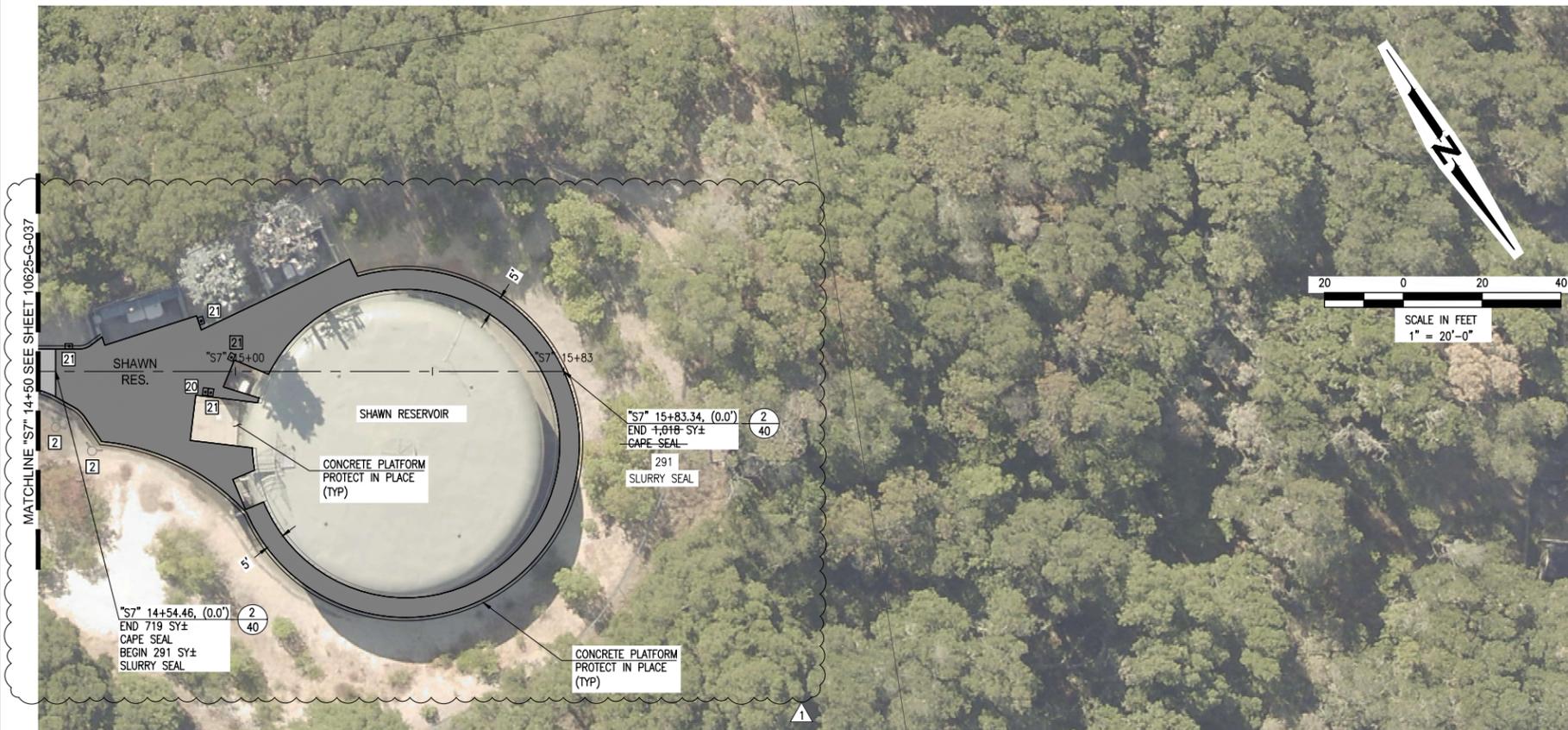
DESIGNED BY: VICTOR LEMUS
DESIGN CHECKED BY: FRANK HADJIKOIS
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAW
SE, PROJ. ENGR. R.P.E. NO. 107794
APPROVED: VICTOR LEMUS
PRINCIPAL IN CHARGE, R.P.E. NO. 102349 RYAN SHAKER

PROJECT MANAGER: R.P.E. NO.
PROJECT ENGINEER: R.P.E. NO.
RECOMMENDED BY: CIVIL ENGR. R.P.E. NO.
APPROVED FOR CONSTRUCTION: R.P.E. NO.

PROJ NO. 10625-G	10625-G-037	0
SCALE 1" = 20'		
DATE	STRUCT.	DISC.
	NUMBER	REV.

USER: PLOT SCALE:
DATE:
FILE:





CONSTRUCTION NOTES:

1. REMOVE EXISTING TRAFFIC STRIPING, PAVEMENT MARKINGS, AND MARKERS WITH MINIMAL DAMAGE TO THE PAVEMENT SURFACE USING EQUIPMENT SIMILAR TO A ROTARY ERASER PRIOR TO PLACEMENT OF SURFACE SEAL.
2. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. CLEAR AND SWEEP ALL AREAS TO RECEIVE SURFACE SEAL FROM VEGETATION, DEBRIS, AND ANY OTHER LOOSE AND DELETERIOUS MATERIALS PRIOR TO PLACING SURFACE SEAL.
4. DO NOT APPLY SURFACE SEAL TREATMENT OVER UTILITY COVERS, MONUMENT COVERS, OR GUTTERS. EDGE OF SURFACE SEAL SHALL BE NEAT AND STRAIGHT IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.
5. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
6. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, THE CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD THE BASE REPAIR AREAS FOR PAYMENT.
7. ALL BASE REPAIRS, AND CRACK SEALING SHALL BE COMPLETED PRIOR TO PLACING SURFACE SEAL.
8. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.

UTILITY KEYNOTES:

- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 20 COMMUNICATIONS BOX; PROTECT IN PLACE.
- 21 ELECTRICAL BOX; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:



USER: PLOT SCALE:
 DATE:
 FILE:



NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; TREATMENT REVISION	SM		VL



East Bay Municipal
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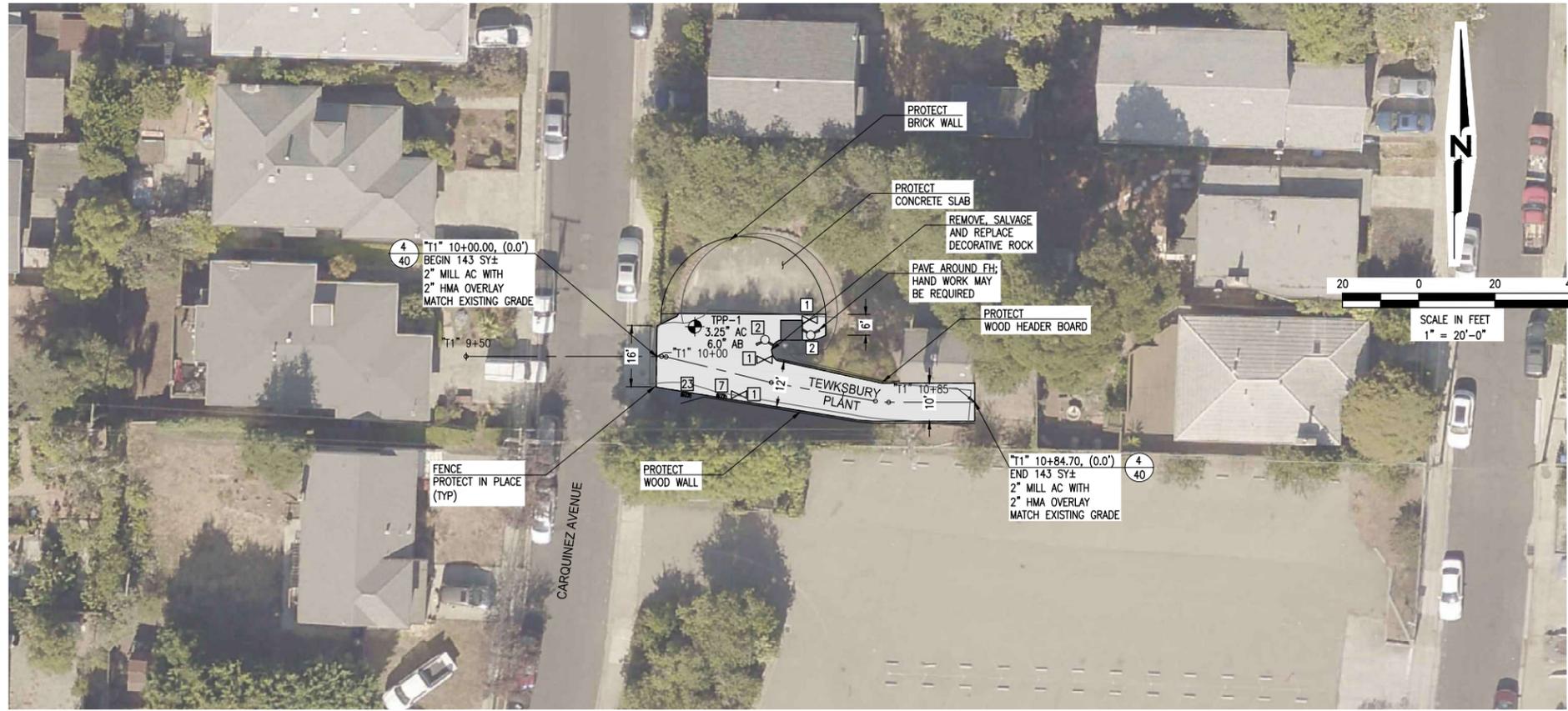
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BIDDING
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DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	C07799
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	C62349 RYAN SHAFER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	
SE, CIVIL ENGR.	
R.P.E. NO.	
APPROVED	
FOR CONSTRUCTION	
R.P.E. NO.	

EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
IMPROVEMENT PLAN SHAWN RES. ''S7'' 14+50 TO ''S7'' 15+83			
PRJ. NO.	10625-G	10625-G-038	0
SCALE	1" = 20'		
DATE		STRUCT.	DISC.
		NUMBER	REV.



CONSTRUCTION NOTES:

1. PAVEMENT MARKERS AND THERMOPLASTIC STRIPING AND MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. PROTECT CONCRETE VALLEY GUTTERS DURING CONSTRUCTION.
3. FINAL LOCATION AND SIZE OF BASE REPAIRS AND SPOT REPAIRS WILL BE MARKED BY ENGINEER AND DISTRICT REPRESENTATIVE. PRIOR TO CONSTRUCTION, CONTRACTOR AND DISTRICT REPRESENTATIVE SHALL RECORD AREAS FOR PAYMENT.
4. CONNECT BASE REPAIR AREAS IF BASE REPAIR AREA LIMITS ARE CLOSER THAN 3'.
5. LAY OUT THE STRIPING BASED ON THE FIELD CONDITIONS AFTER PAVING IS COMPLETE. DIMENSIONS GIVEN ON THE PLANS ARE APPROXIMATE AND NEED TO BE FIELD ADJUSTED.

UTILITY KEYNOTES:

- 1 WATER VALVE; ADJUST WATER VALVE BOX AND COVER TO FG. SEE DETAIL 3/41.
- 2 FIRE HYDRANT; PROTECT IN PLACE.
- 7 WATER METER; ADJUST WATER METER BOX AND COVER TO FG.
- 23 WATER METER; PROTECT IN PLACE.

PAVEMENT TREATMENT LEGEND:

MILL & OVERLAY

FINAL PLANS
 ISSUED FOR
BIDDING
 DATE: 12/10/2025



Know what's below.
Call before you dig.

EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA

PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

IMPROVEMENT PLAN TEWKSBURY PLANT
''T1'' 9+50 TO ''T1'' 10+85

PG. 39

NO.	DATE	REVISION	BY	REC.	APP.



East Bay Municipal
Utility District (EBMUD)
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Oakland, CA, 94607
Ph: (866) 403-2683

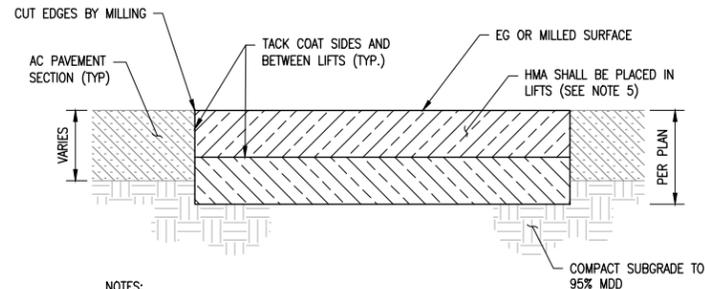
DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SAMUEL WOODLIF, DIANA BASHARAWA
SE. PROJ. ENGR.	VICTOR LEWIS
R.P.E. NO.	10625-G
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO.	10625-G

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
APPROVED	R.P.E. NO.
APPROVED	R.P.E. NO.

PROJ NO.	10625-G	10625-G-039	0
SCALE	1" = 20'		
DATE			
STRUCT.			
DISC.			
NUMBER			
REV.			

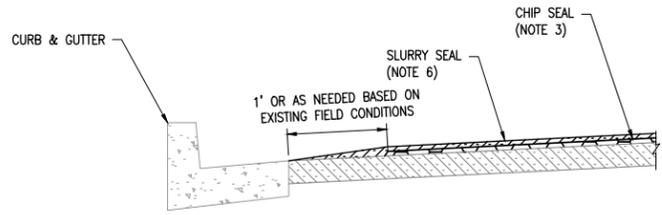
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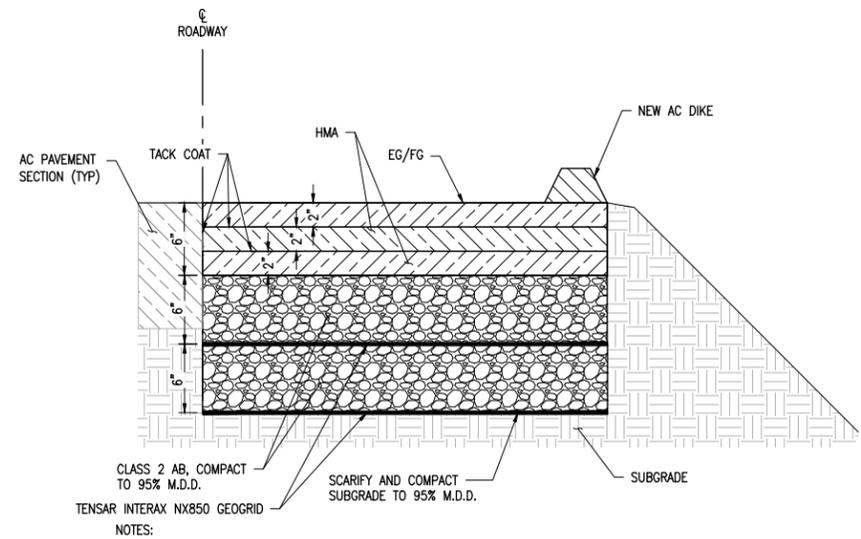
- NOTES:
- APPROXIMATE BASE REPAIR DIMENSIONS ARE PROVIDED IN SCHEDULE TABLES ON PAGES 7 THROUGH 39. EXACT LOCATION AND DIMENSIONS OF BASE REPAIRS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER, CONTRACTOR AND THE DISTRICT REPRESENTATIVE PRIOR TO CONSTRUCTION. THE AGREED UPON DIMENSION SHALL BE RECORDED FOR EACH BASE REPAIR AND SUBMITTED TO THE ENGINEER FOR APPROVAL.
 - TACK COAT SHALL BE APPLIED TO ALL VERTICAL PAVEMENT SURFACES AND BETWEEN LIFTS OF HMA.
 - OVER-EXCAVATE 6 INCHES IF UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED. SEE TECHNICAL SPECIFICATIONS FOR DETAILS.
 - DEPTH OF BASE REPAIRS ARE GIVEN FROM THE EXISTING SURFACE FOR SURFACE SEAL TREATMENTS OR FROM THE MILLED SURFACE FOR MILL AND OVERLAYS.
 - HMA SHALL BE PLACED AND COMPACTED IN LIFTS NOT LESS THAN 2 INCHES AND NOT EXCEEDING 3 INCHES.

1 FULL DEPTH BASE REPAIR (4" OR 6" DEPTH)
40 NTS



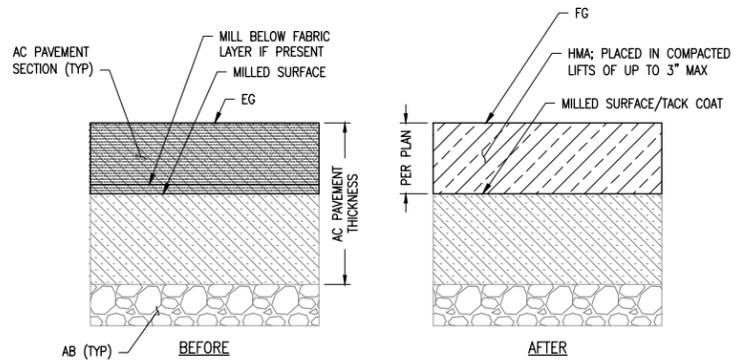
- NOTES:
- PAVEMENT MUST BE COMPLETELY DRY AND CLEAN PRIOR TO THE PLACEMENT OF ASPHALT RUBBER CHIP SEAL.
 - IMMEDIATELY BEFORE COMMENCING THE SEAL OPERATIONS, ALL METAL UTILITY COVERS (INCLUDING SURVEY MONUMENT BOXES) SHALL BE PROTECTED BY THOROUGHLY COVERING THE SURFACE WITH AN APPROPRIATE ADHESIVE AND PAPER OR PLASTIC.
 - PLACE RUBBERIZED CHIP SEAL (RCS) NO CLOSER THAN 0.5 FEET AND NO FARTHER THAN 1 FOOT FROM ALL UTILITY COVERS (E.G., MANHOLE COVERS, GRATES, VALVE COVERS, AND MONUMENT BOXES, ETC.). DO NOT PLACE RCS CLOSER THAN 1 FOOT FROM THE LIP OF CURB AND GUTTER, OR AT THE LIMITS OF THE RCS TREATMENT AREA.
 - ROLL THE SURFACE TO UNIFORMITY AND THOROUGHLY BOND THE AGGREGATE OVER THE FULL WIDTH. COMPLETE ROLLING WITHIN ONE (1) HOUR AFTER ASPHALT RUBBER BINDER IS APPLIED TO THE SURFACE.
 - SWEEPING SHALL BE COMPLETED PRIOR TO ALLOWING UNCONTROLLED TRAFFIC ON THE ROAD SURFACE.
 - PLACE SLURRY SEAL AFTER THE RUBBERIZED CHIP SEAL (RCS) HAS CURED FOR A MINIMUM OF 7 DAYS, BUT NO LATER THAN 14 DAYS AFTER PLACING THE RCS.

2 RUBBER CAPE SEAL
40 NTS



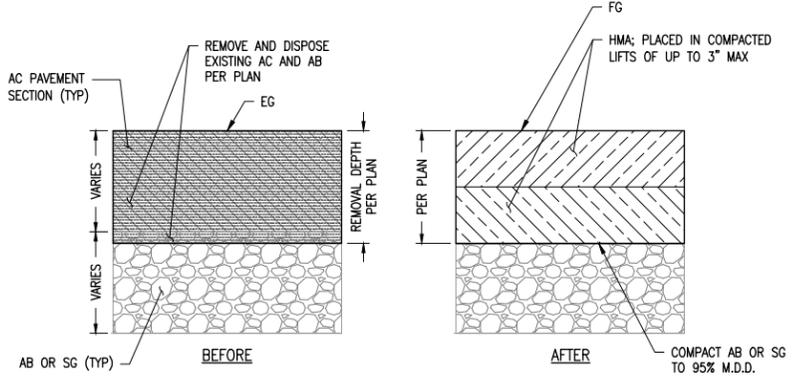
- NOTES:
- THE APPROXIMATE DIMENSIONS OF THE SUBGRADE REPAIR AREAS HAVE BEEN MARKED IN THE FIELD WITH WHITE PAINT BRACKETS. THE APPROXIMATE LOCATIONS AND SIZES ARE ALSO SHOWN ON THE IMPROVEMENT PLANS.
 - PRIOR TO PLACING AB AND HMA, THE SG SHALL BE PROOF-ROLLED PER SPECIFICATIONS TO VERIFY COMPACTION OF SG IS ACCEPTABLE FOR PAVING. CARE SHALL BE TAKEN TO NOT OVERCOMPACT/OVERWORK THE SG RESULTING IN YIELDING OR PUMPING. CONSTRUCTION TRAFFIC ON EXPOSED SG SHALL BE LIMITED AS EXCESSIVE WHEEL LOADING CAN CAUSE THE SG TO YIELD OR PUMP. DAMAGE TO THE SG FROM CONSTRUCTION TRAFFIC WHEEL LOADING SHALL BE REPAIRED AND STABILIZED AT THE CONTRACTOR'S EXPENSE.
 - PLACE GEOGRID LONGITUDINAL (PARALLEL TO THE DIRECTION OF TRAFFIC).
 - TACK COAT SHALL BE APPLIED TO ALL VERTICAL PAVEMENT SURFACES AND BETWEEN LIFTS OF HMA.

3 SUBGRADE STABILIZATION REPAIR
40 NTS



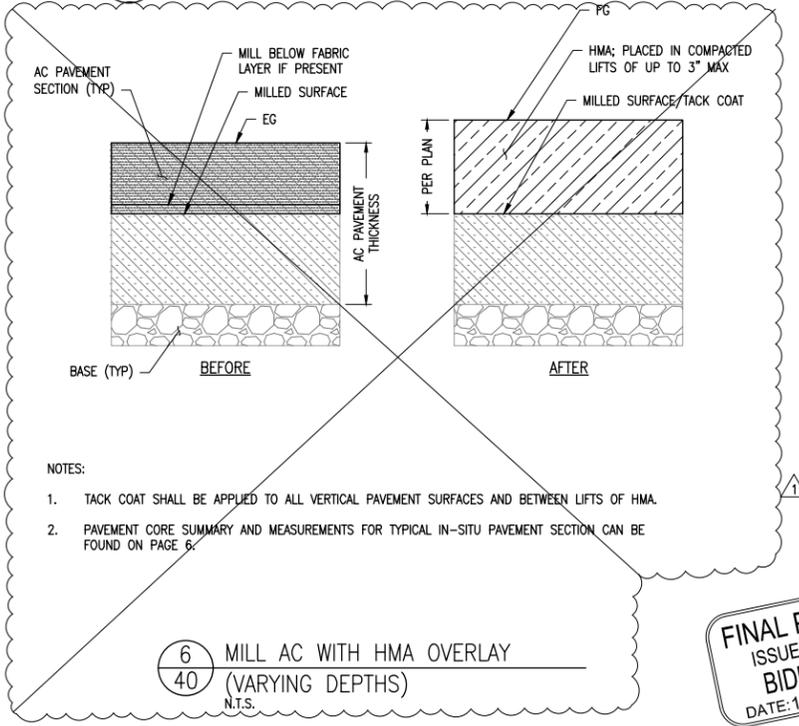
- NOTES:
- TACK COAT SHALL BE APPLIED TO ALL VERTICAL PAVEMENT SURFACES AND BETWEEN LIFTS OF HMA.
 - PAVEMENT CORE SUMMARY AND MEASUREMENTS FOR TYPICAL IN-SITU PAVEMENT SECTION CAN BE FOUND ON PAGE 6.

4 MILL AC WITH HMA OVERLAY (EQUAL DEPTHS)
40 N.T.S.



- NOTES:
- TACK COAT SHALL BE APPLIED TO ALL VERTICAL PAVEMENT SURFACES AND BETWEEN LIFTS OF HMA.
 - PRIOR TO PLACING AB AND HMA, THE SG SHALL BE PROOF-ROLLED PER SPECIFICATIONS TO VERIFY COMPACTION OF SG IS ACCEPTABLE FOR PAVING. CARE SHALL BE TAKEN TO NOT OVERCOMPACT/OVERWORK THE SG RESULTING IN YIELDING OR PUMPING. CONSTRUCTION TRAFFIC ON EXPOSED SG SHALL BE LIMITED AS EXCESSIVE WHEEL LOADING CAN CAUSE THE SG TO YIELD OR PUMP. DAMAGE TO THE SG FROM CONSTRUCTION TRAFFIC WHEEL LOADING SHALL BE REPAIRED AND STABILIZED AT THE CONTRACTOR'S EXPENSE.
 - OVER-EXCAVATE 6 INCHES IF UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED. SEE TECHNICAL SPECIFICATIONS FOR DETAILS.
 - PAVEMENT CORE SUMMARY AND MEASUREMENTS FOR TYPICAL IN-SITU PAVEMENT SECTION CAN BE FOUND ON PAGE 6.

5 SURFACE RECONSTRUCT: REMOVE AC/AB AND REPLACE WITH HMA
40 N.T.S.



- NOTES:
- TACK COAT SHALL BE APPLIED TO ALL VERTICAL PAVEMENT SURFACES AND BETWEEN LIFTS OF HMA.
 - PAVEMENT CORE SUMMARY AND MEASUREMENTS FOR TYPICAL IN-SITU PAVEMENT SECTION CAN BE FOUND ON PAGE 6.

6 MILL AC WITH HMA OVERLAY (VARYING DEPTHS)
40 N.T.S.

PAVING LEGEND:

	AB
	SUBGRADE
	EXISTING AC PAVEMENT
	CLASS 2 AB
	NEW HMA
	MILLING OR REMOVAL OF AC AND/OR AB

FINAL PLANS
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DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

CIVIL DETAILS 1 PG. 40

PROJ. NO. 10625-G	10625-G-040	0
SCALE NO SCALE		
DATE	STRUCT.	DISC.
	NUMBER	REV.

NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM	VL	



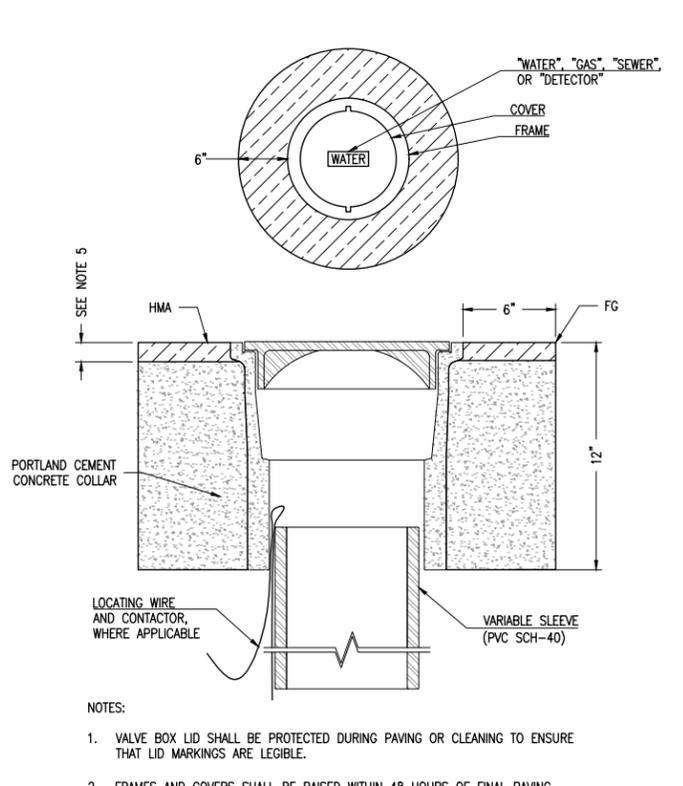
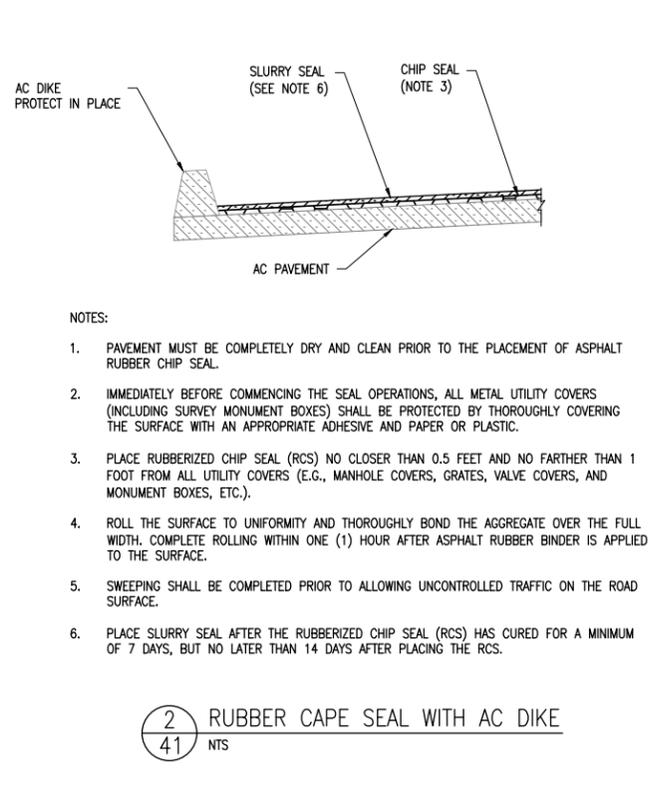
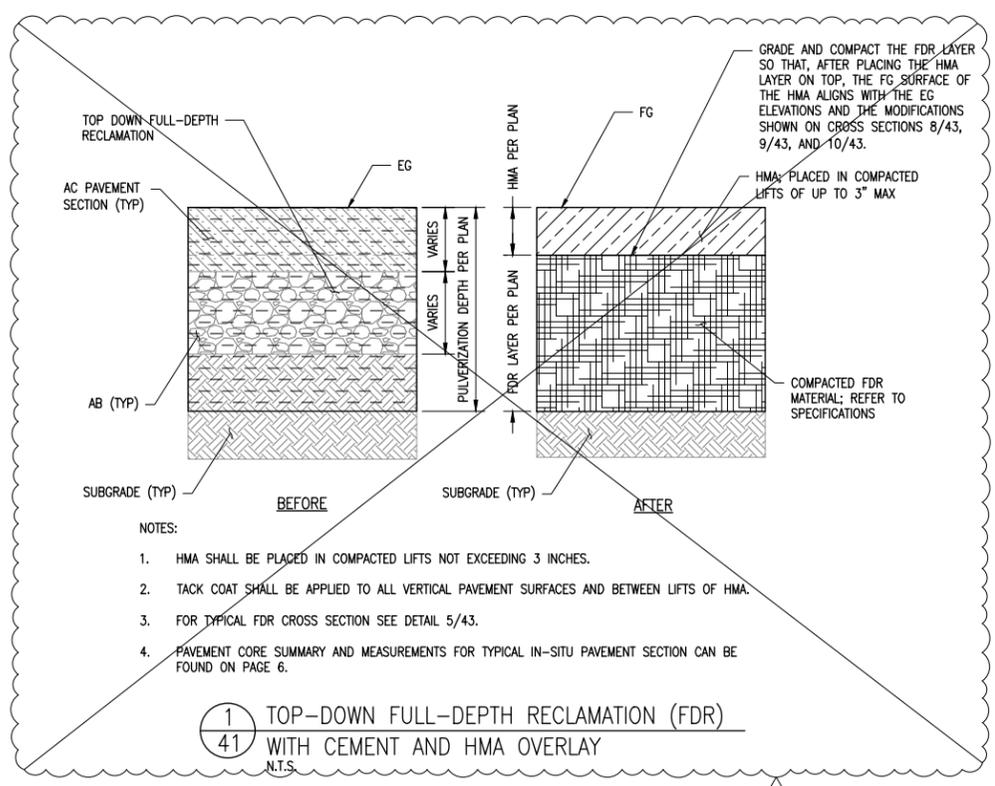
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LENS
DESIGN CHECKED BY	FRANK HADJIKRISTOU
DRAWN BY	SARAH WOODLIN, DIANA BASHARAWA
SE, PROJ. ENGR.	VICTOR LENS
R.P.E. NO. 107799	
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
SE, CIVIL ENGR.	
APPROVED	
FOR CONSTRUCTION MAINTENANCE	
R.P.E. NO.	

PLOT SCALE: USER: DATE: FILE:





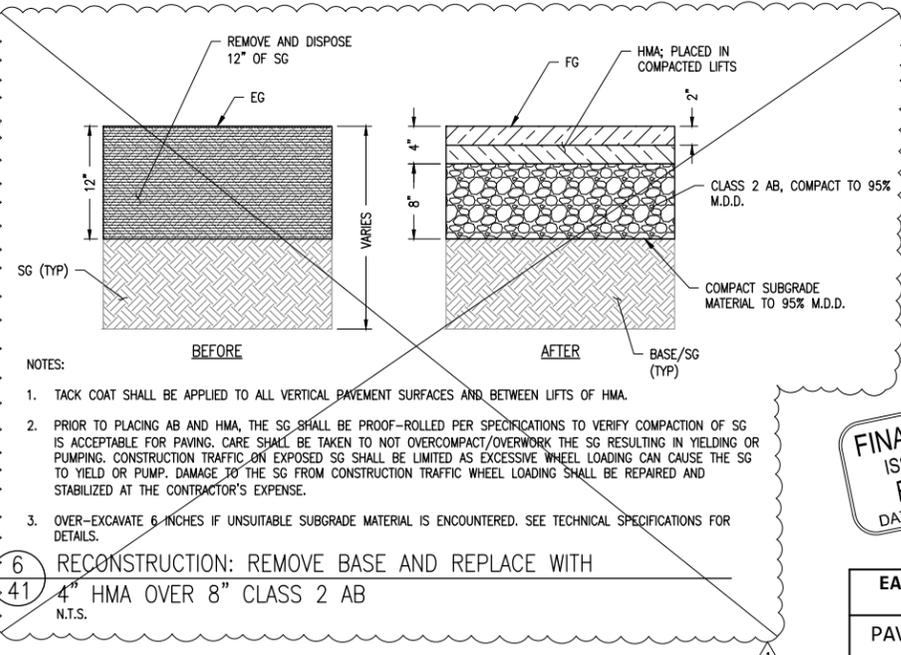
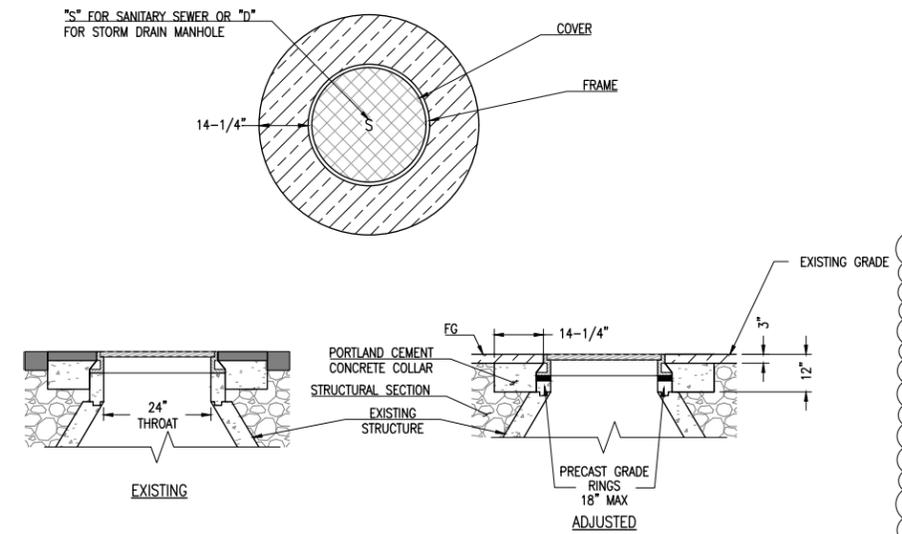
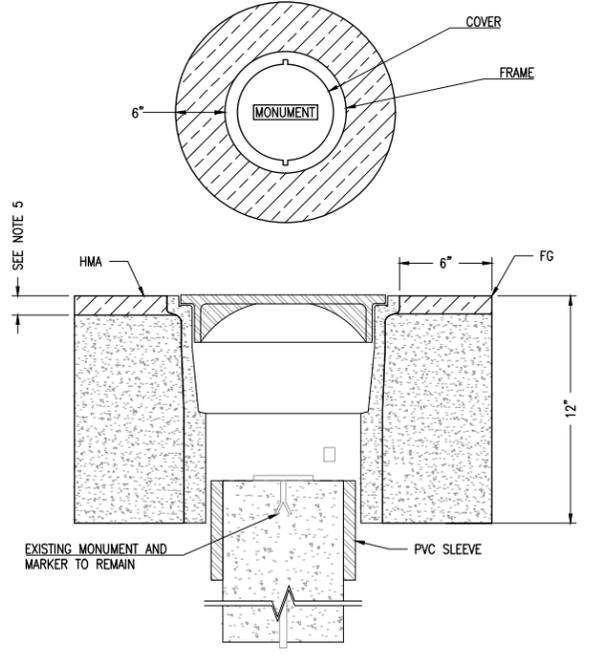
PAVING LEGEND:

	AB
	SUBGRADE
	EXISTING AC PAVEMENT
	HMA
	PULVERIZED MATERIAL
	FDR
	CLASS 2 AB
	MILLING OR REMOVAL OF AC AND/OR AB

1
41 TOP-DOWN FULL-DEPTH RECLAMATION (FDR) WITH CEMENT AND HMA OVERLAY
N.T.S.

2
41 RUBBER CAPE SEAL WITH AC DIKE
N.T.S.

3
41 VALVE BOX ADJUSTMENT DETAIL
N.T.S.



- NOTES:
- VALVE BOX LID SHALL BE PROTECTED DURING PAVING OR CLEANING TO ENSURE THAT LID MARKINGS ARE LEGIBLE.
 - FRAMES AND COVERS SHALL BE RAISED WITHIN 48 HOURS OF FINAL PAVING. VALVE BOX LID TO BE FLUSH WITH FG.
 - WHERE TRACER WIRES ARE SPliced USE WATER TIGHT CONNECTION.
 - THE USE OF GRADE RINGS IS PROHIBITED.
 - THE CONCRETE COLLAR SHALL BE CONSTRUCTED SO THAT THE TOP OF THE COLLAR IS NO GREATER THAN THREE INCHES AND NO LESS THAN TWO INCHES BELOW THE EXISTING PAVEMENT GRADE SURROUNDING THE VALVE BOX. THE VOID BETWEEN THE TOP OF THE CONCRETE COLLAR AND THE FINISH GRADE OF THE PAVEMENT AROUND THE COLLAR SHALL BE PAVED TO FINISH GRADE WITH HMA.

- NOTES:
- BREAK DOWN MANHOLE COVER AND FRAME TO ALLOW INSTALLATION OF TEMPORARY TRAFFIC RATED COVER AT TEMPORARY GRADE.
 - INSTALL NEW MANHOLE COVER OR FRAME IF EXISTING IS DAMAGED. NEW MANHOLE LID SHALL CONFORM TO EBMUD STANDARD PLANS.
 - PCC COLLAR SHALL BE PLACED AROUND EACH MANHOLE REGARDLESS OF WHETHER A COLLAR WAS PRESENT PRIOR TO THE WORK.
 - THE CONCRETE COLLAR SHALL BE CONSTRUCTED SO THAT THE TOP OF THE COLLAR IS NO GREATER THAN THREE INCHES AND NO LESS THAN TWO INCHES BELOW THE EXISTING PAVEMENT GRADE SURROUNDING THE MANHOLE. THE VOID BETWEEN THE TOP OF THE CONCRETE COLLAR AND THE FINISH GRADE OF THE PAVEMENT AROUND THE COLLAR SHALL BE PAVED TO FINISH GRADE WITH HMA.

6
41 RECONSTRUCTION: REMOVE BASE AND REPLACE WITH 4\"/>

FINAL PLANS
ISSUED FOR
BIDDING
DATE: 12/10/2025



EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

PRJ NO. 10625-G	10625-G-041	0
SCALE NO SCALE		
DATE	STRUCT.	DISC.
	NUMBER	REV.



4
41 SURVEY MONUMENT BOX ADJUSTMENT DETAIL
N.T.S.

5
41 MANHOLE ADJUSTMENT DETAIL
N.T.S.

NO.	DATE	REVISION	BY	REC.	APP.
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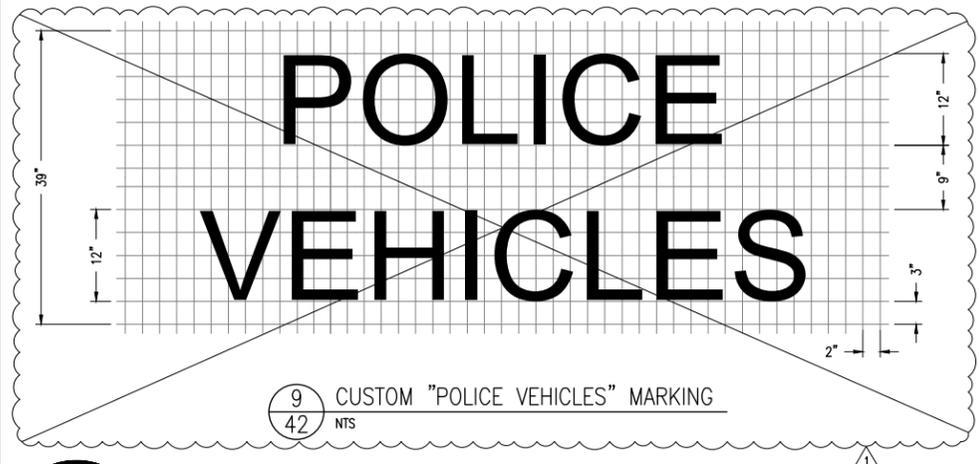
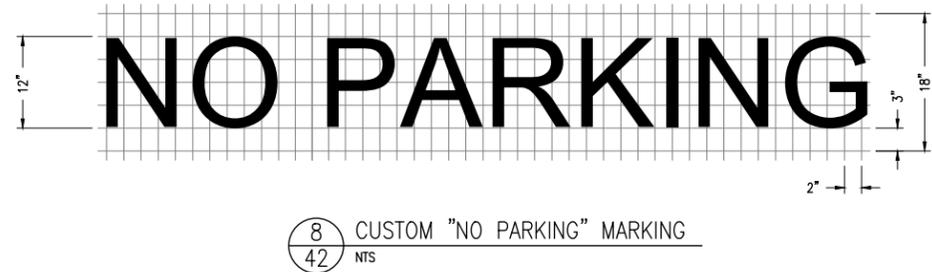
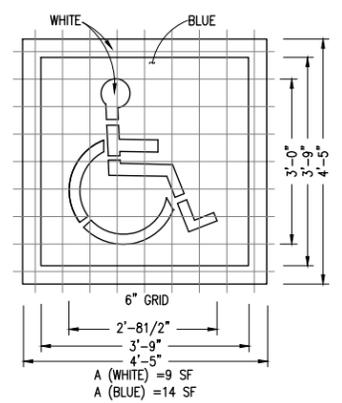
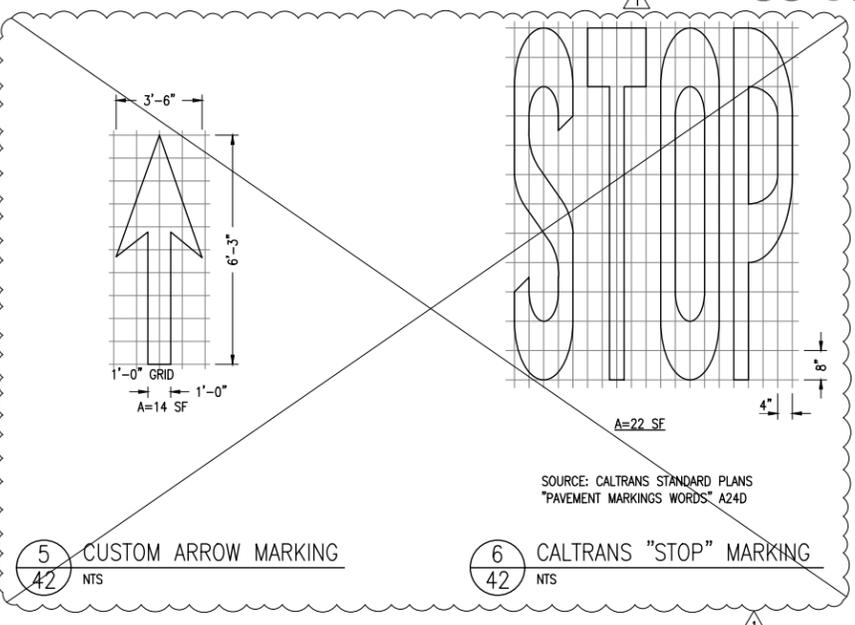
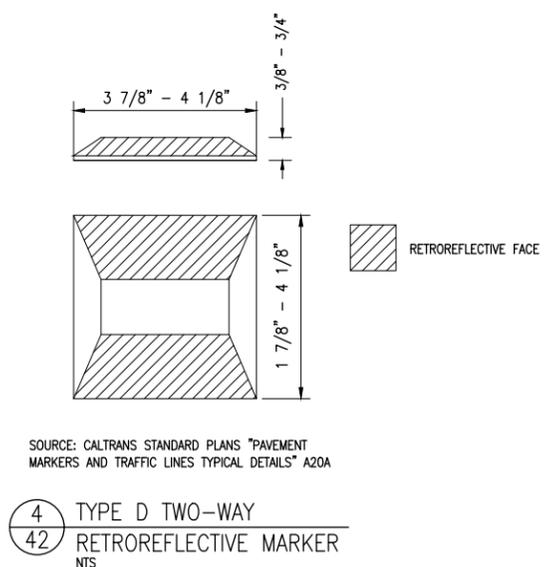
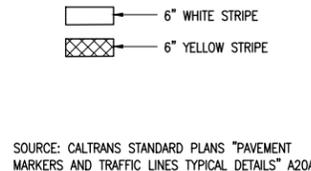
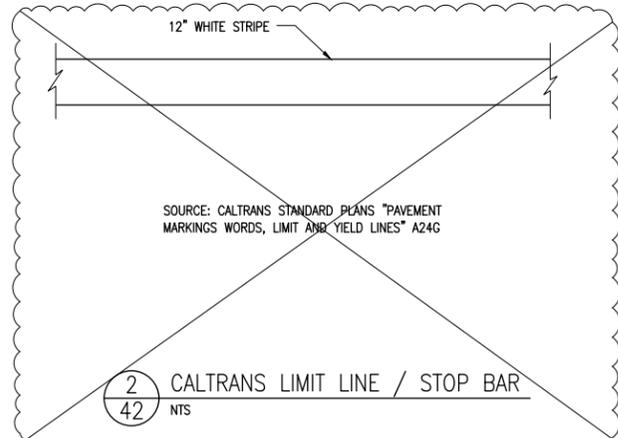
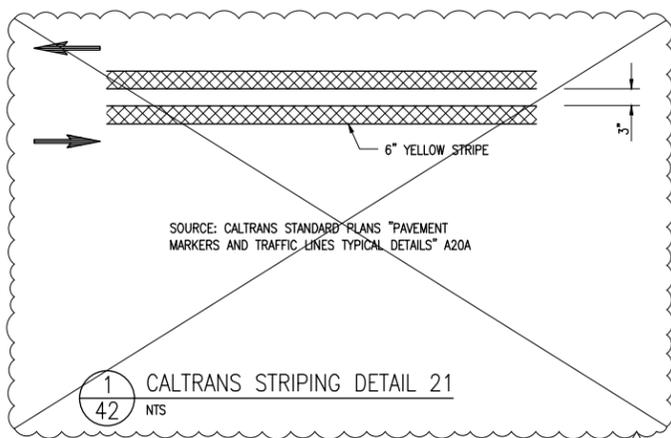
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIOANGLER
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SG PROJ. ENGR.	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. C62349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
APPROVED	
APPROVED	

PLOT SCALE:

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East Bay Municipal Utility District (EBMUD)
 375 11th Street
 Oakland, CA, 94607
 Ph: (866) 403-2683

DESIGNED BY: VICTOR LEWIS	PROJECT MANAGER: R.P.E. NO.
DESIGN CHECKED BY: FRANK HADJIKRISTOU	PROJECT ENGINEER: R.P.E. NO.
DRAWN BY: SAMUEL WOODLIF, DIANA BASHARAWA	RECOMMENDED BY: CIVIL ENGR. R.P.E. NO.
APPROVED: VICTOR LEWIS	APPROVED FOR CONSTRUCTION: R.P.E. NO.
PRINCIPAL IN CHARGE, R.P.E. NO. C62349 RYAN SHAFER	

FINAL PLANS
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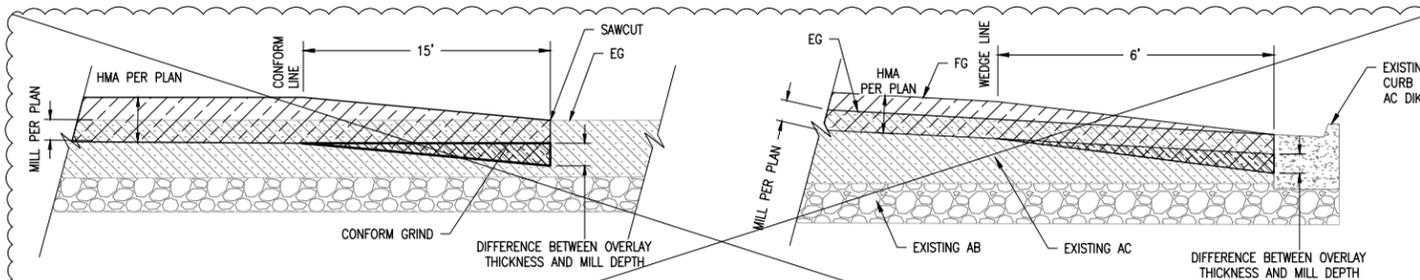
EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
CIVIL DETAILS 3			
PROJ. NO. 10625-G	10625-G-042	PG. 42	
SCALE NO SCALE			0
DATE	STRUCT.	DISC.	NUMBER REV.

MOTORCYCLE

PARKING

1
43 NTS
CUSTOM "MOTORCYCLE" MARKING

2
43 NTS
CUSTOM "PARKING" MARKING

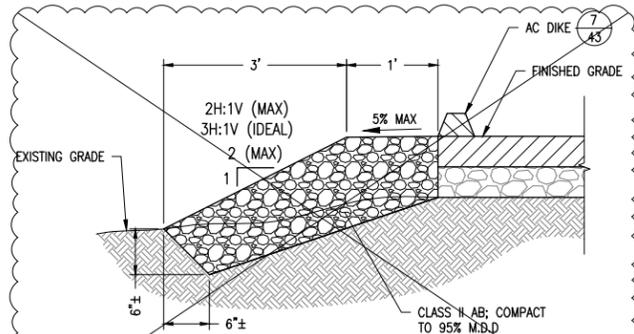


NOTE:
1. TACK COAT SHALL BE APPLIED COMPLETELY TO ALL EX AC AND PCC SURFACES PRIOR TO PLACEMENT OF NEW ASPHALT CONCRETE AS REQUIRED BY THE PROJECT TECHNICAL SPECIFICATIONS.

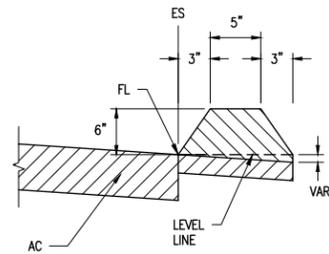
NOTE:
1. TACK COAT SHALL BE APPLIED COMPLETELY TO ALL EX AC AND PCC SURFACES PRIOR TO PLACEMENT OF NEW ASPHALT CONCRETE AS REQUIRED BY THE PROJECT TECHNICAL SPECIFICATIONS.

3
43 NTS
CONFORM GRIND

4
43 NTS
WEDGE GRIND



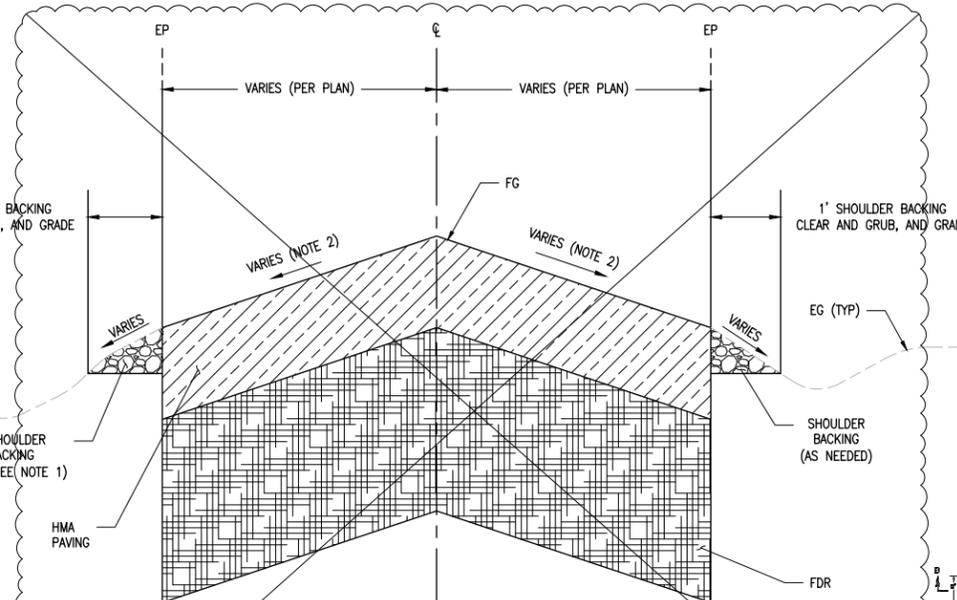
6
43 NTS
AB SHOULDER BACKING



7
43 NTS
CALTRANS TYPE "A" AC DIKE

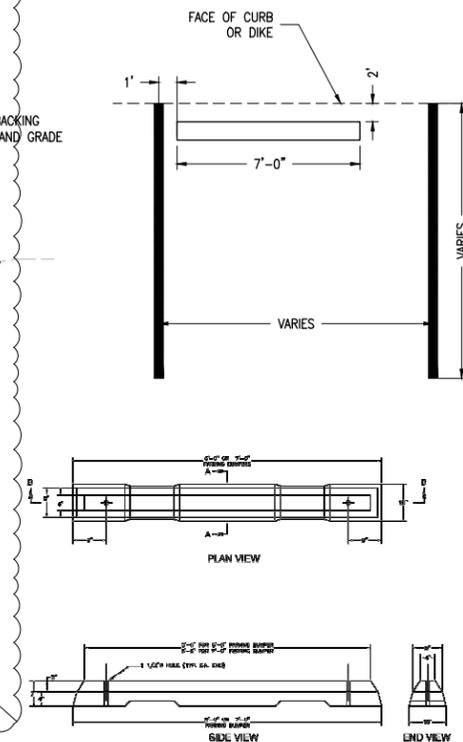
PAVING LEGEND:

- AB
- SUBGRADE
- EXISTING AC PAVEMENT
- CLASS 2 AB
- HMA
- CONFORM & WEDGE GRIND
- FDR
- MILLING OR REMOVAL OF AC AND/OR AB

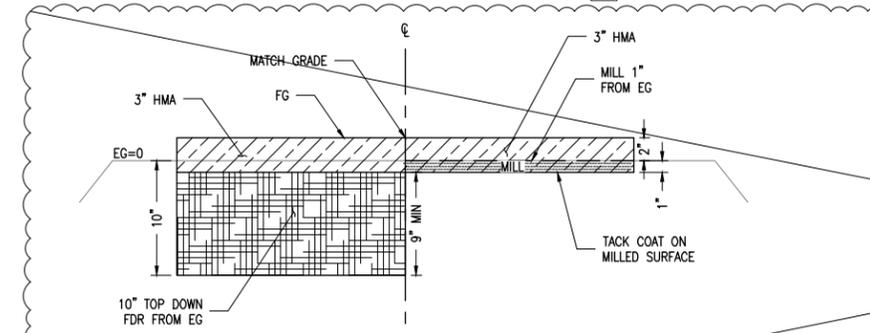


NOTE:
1. SHOULDER BACKING SHALL BE CLASS 2 AGGREGATE BASE, AS NEEDED
2. CONTRACTOR SHALL PROVIDE CROSS SLOPE TO DRAIN (2% MINIMUM) AND PER CROSS SECTION DETAIL MODIFICATIONS 8/43, 9/43, AND 10/43.

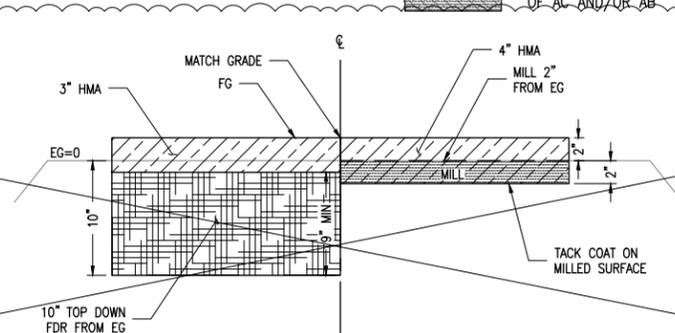
5
43 NTS
SAN PABLO RESERVOIR TYPICAL FDR CROSS SECTION



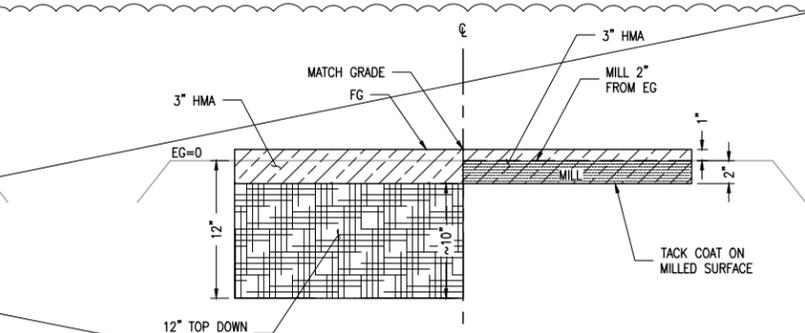
11
43 NTS
CONCRETE PARKING BUMPER (7'-0")



8
43 NTS
10" TOP DOWN FDR AND 3" HMA OVERLAY ADJACENT TO 1" MILL AND 3" HMA OVERLAY - TYPICAL DETAIL



9
43 NTS
10" TOP DOWN FDR AND 3" HMA OVERLAY ADJACENT TO 2" MILL AND 4" HMA OVERLAY - TYPICAL DETAIL



10
43 NTS
12" TOP DOWN FDR AND 3" HMA OVERLAY ADJACENT TO 2" MILL AND 3" HMA OVERLAY - TYPICAL DETAIL

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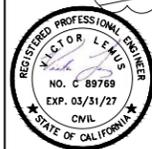
EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

CIVIL DETAILS 4

PG. 43

PRJ NO. 10625-G	10625-G-043	0
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DATE	STRUCT.	DISC.
	NUMBER	REV.

USER: PLOT SCALE:
DATE:
FILE:



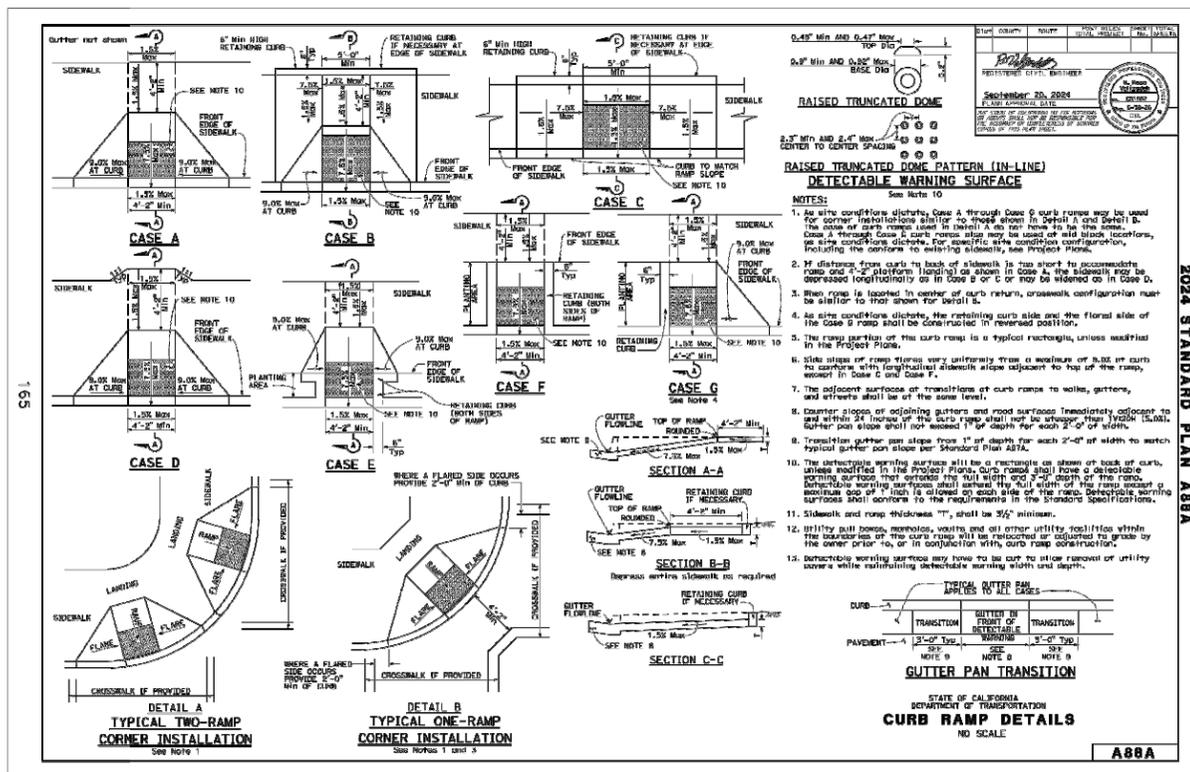
NO.	DATE	REVISION	BY	REC.	APP.
1	05FEB2026	ADDENDUM NO. 3; NOT IN CONTRACT	SM	VL	



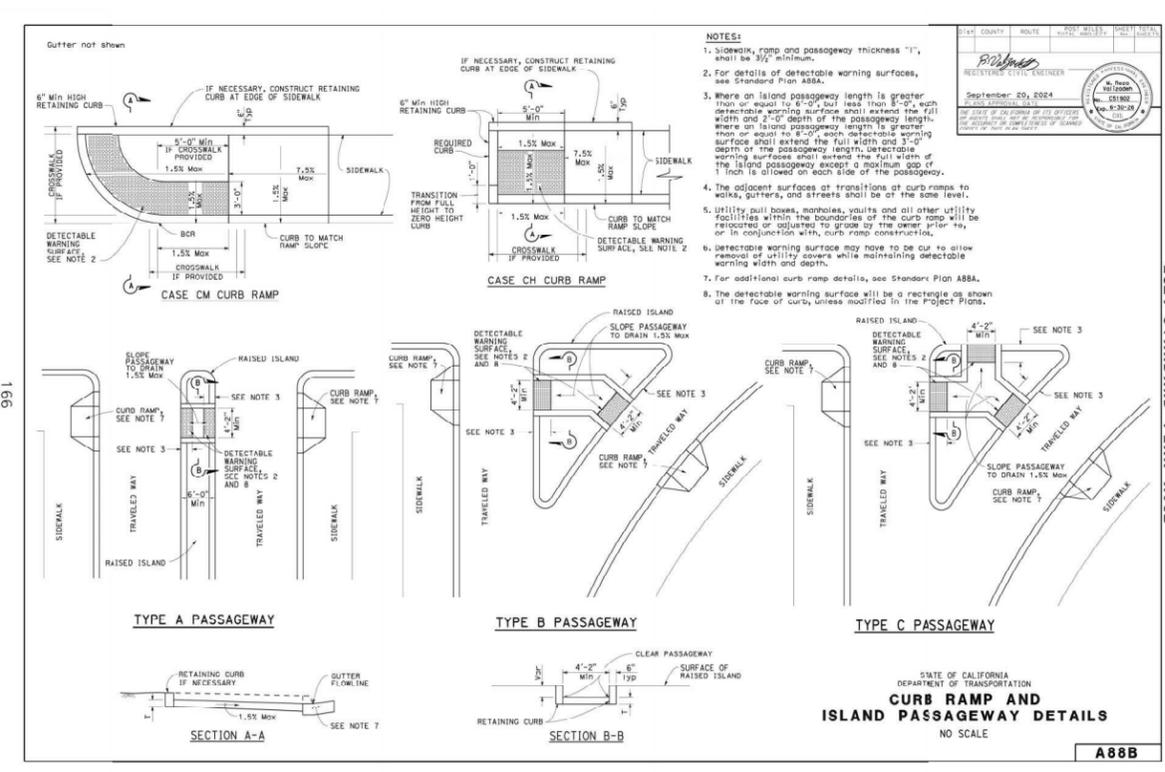
East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJILAKIS
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SE. PROJ. ENGR.	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 162349	RYAN SHAWER

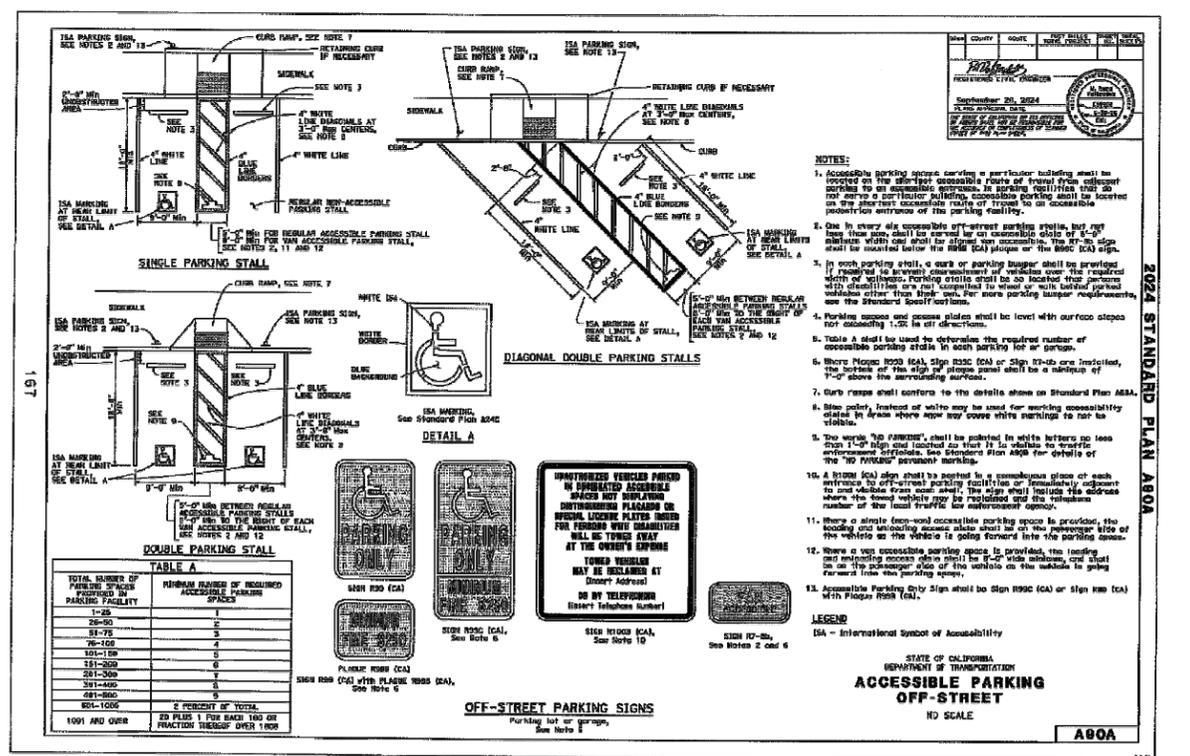
PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	SE. CIVIL ENGR.
APPROVED	NO. 10625-G-043
APPROVED FOR CONSTRUCTION	R.P.E. NO.



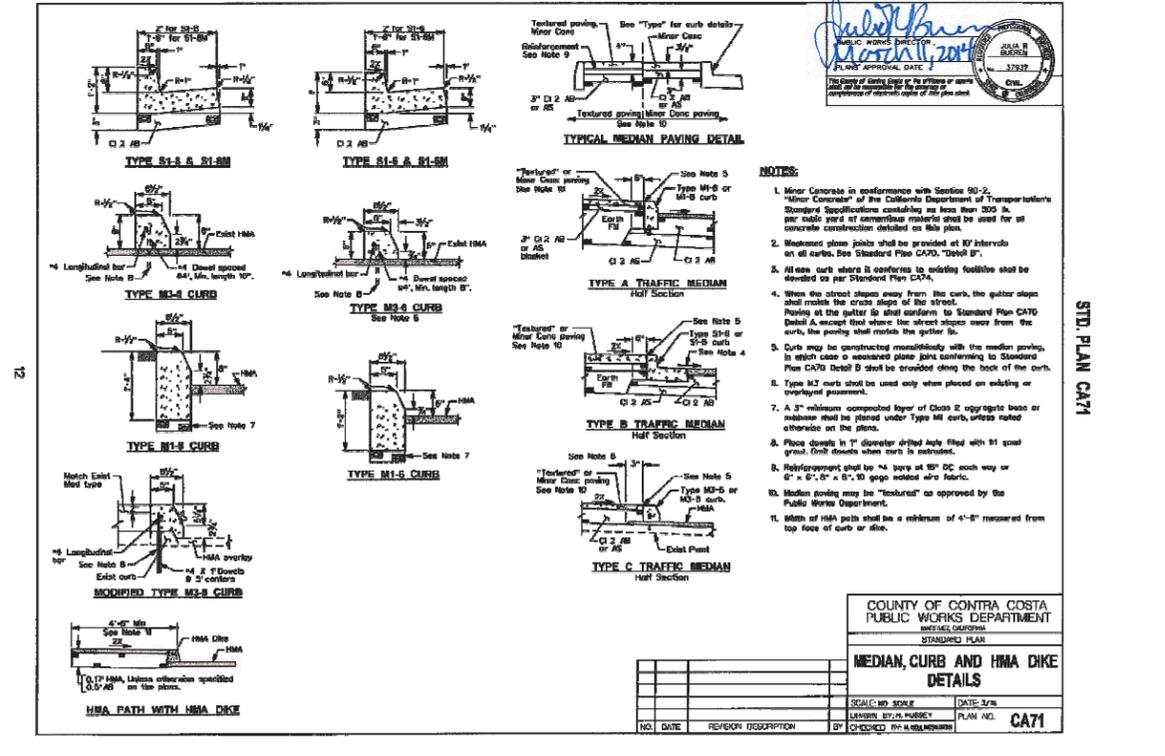
1 CURB RAMP DETAILS
44 NTS



2 CURB RAMP AND ISLAND PASSAGEWAY DETAILS
44 NTS



3 ACCESSIBLE PARKING OFF-STREET
44 NTS



4 CURB AND CURB & GUTTER SECTIONS
44 NTS

PLOT SCALE:



NO.	DATE	REVISION	BY	REC.	APP.

East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS	PROJECT MANAGER	R.P.E. NO.
DESIGN CHECKED BY	FRANK HANSEN	PROJECT ENGINEER	R.P.E. NO.
DRAWN BY	SARAH WOODLIN, DIANA BASHARAH	RECOMMENDED	R.P.E. NO.
SE. PROJ. ENGR.	NO. 00709	APPROVED	R.P.E. NO.
APPROVED	VICTOR LEWIS	APPROVED	R.P.E. NO.
PRINCIPAL IN CHARGE, R.P.E. NO. 06239	RYAN SHOOKER	APPROVED	R.P.E. NO.

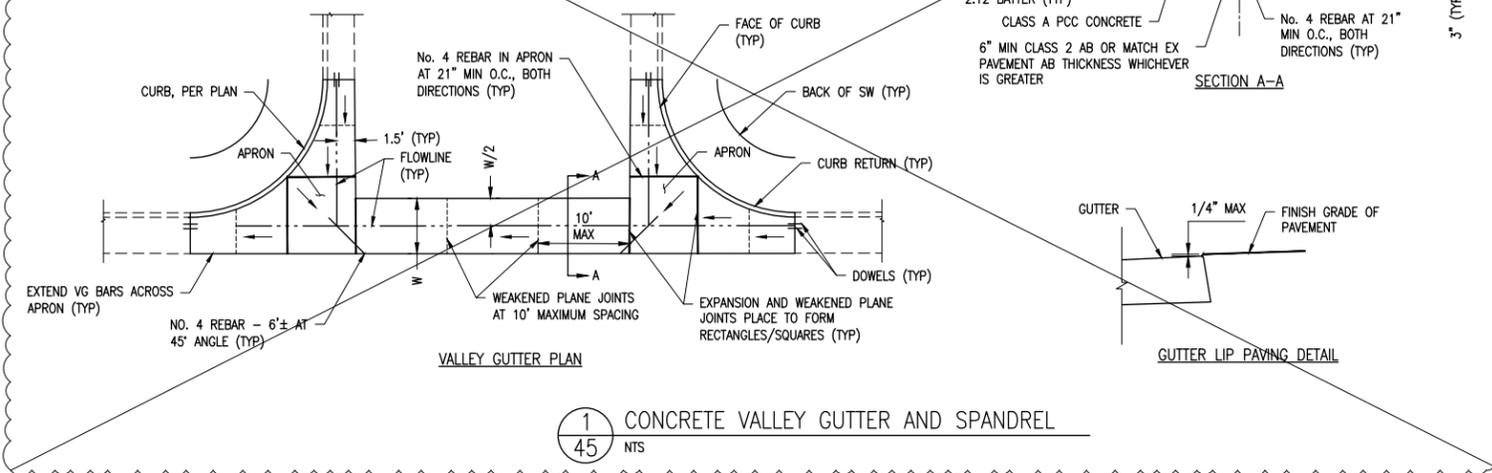
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DATE: 12/10/2025



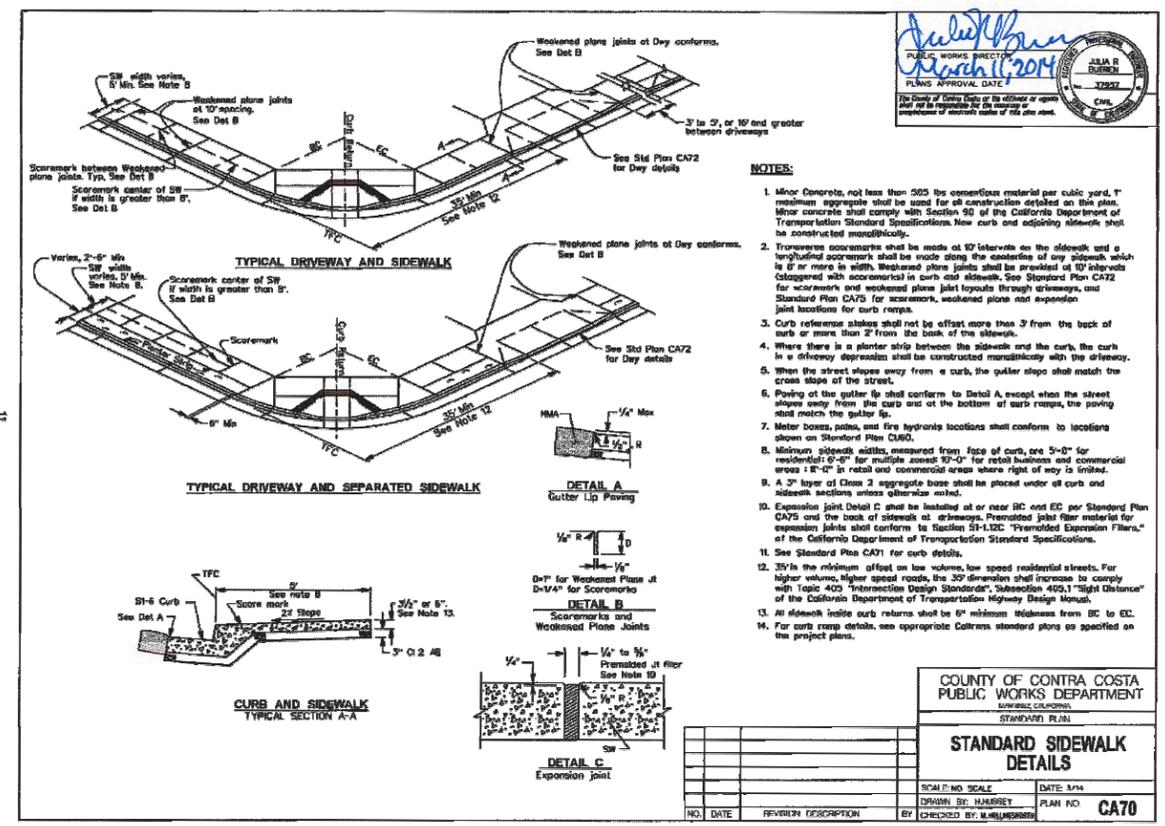
EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1 CIVIL			
CIVIL DETAILS 5			
PROJ. NO.	10625-G	SCALE	NO SCALE
SCALE	NO SCALE	NO.	10625-G-044
DATE		STRUCT.	
		DISC.	
		NUMBER	
		REV.	

Concrete					Bar Reinforcing	
W	W/2	D	m	Slope	Valley Gutter	Apron
(FT)	(FT)	(IN)	(IN)	(%)	#4	(EA) (Equally Spaced)
4	2	8	1.5	6%	3	See Detail
6	3	8	2	6%	3	
8	4	8	3	6%	4	

Valley Gutter Dimension & Bar Reinforcing Table



1
45
NTS
CONCRETE VALLEY GUTTER AND SPANDREL



2
45
NTS
STANDARD CONCRETE SIDEWALK

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DATE:
FILE:



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DESIGN CHECKED BY	FRANK HANSEY	PROJECT ENGINEER	R.P.E. NO.
DRAWN BY	SARAH WOODLIN, DIANA BASHARAH	RECOMMENDED	SE. CIVIL ENGR.
SE. PROJ. ENGR.	R.P.E. NO. 107799	R.P.E. NO.	
APPROVED	VICTOR LEWIS	APPROVED	FOR CONSTRUCTION
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAMER	R.P.E. NO.	

PROJ. NO.	10625-G	SCALE	NO SCALE
DATE		STRUCT.	
		DISC.	
		NUMBER	
		REV.	

FINAL PLANS
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BIDDING
DATE: 12/10/2025

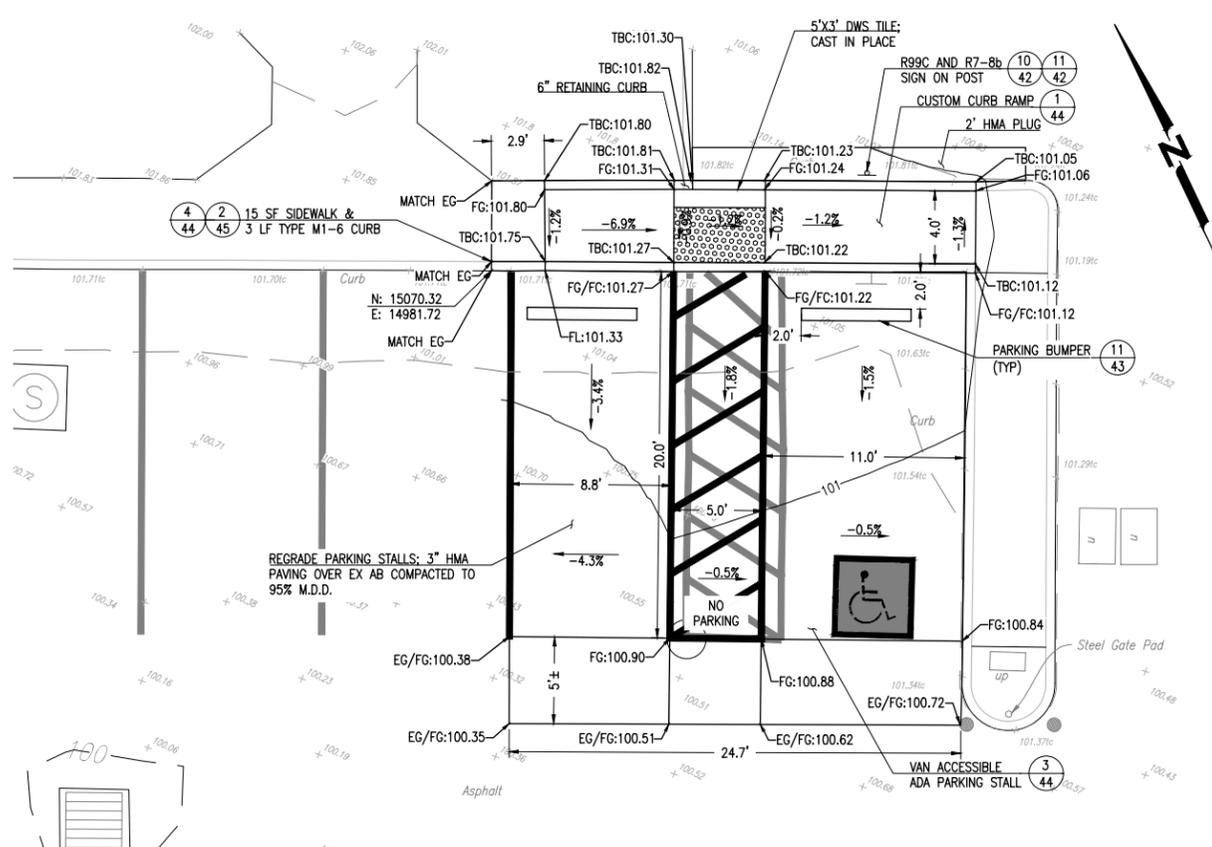


EAST BAY MUNICIPAL UTILITY DISTRICT
OAKLAND, CALIFORNIA
PAVEMENT MANAGEMENT IMPLEMENTATION
YEAR 1
CIVIL

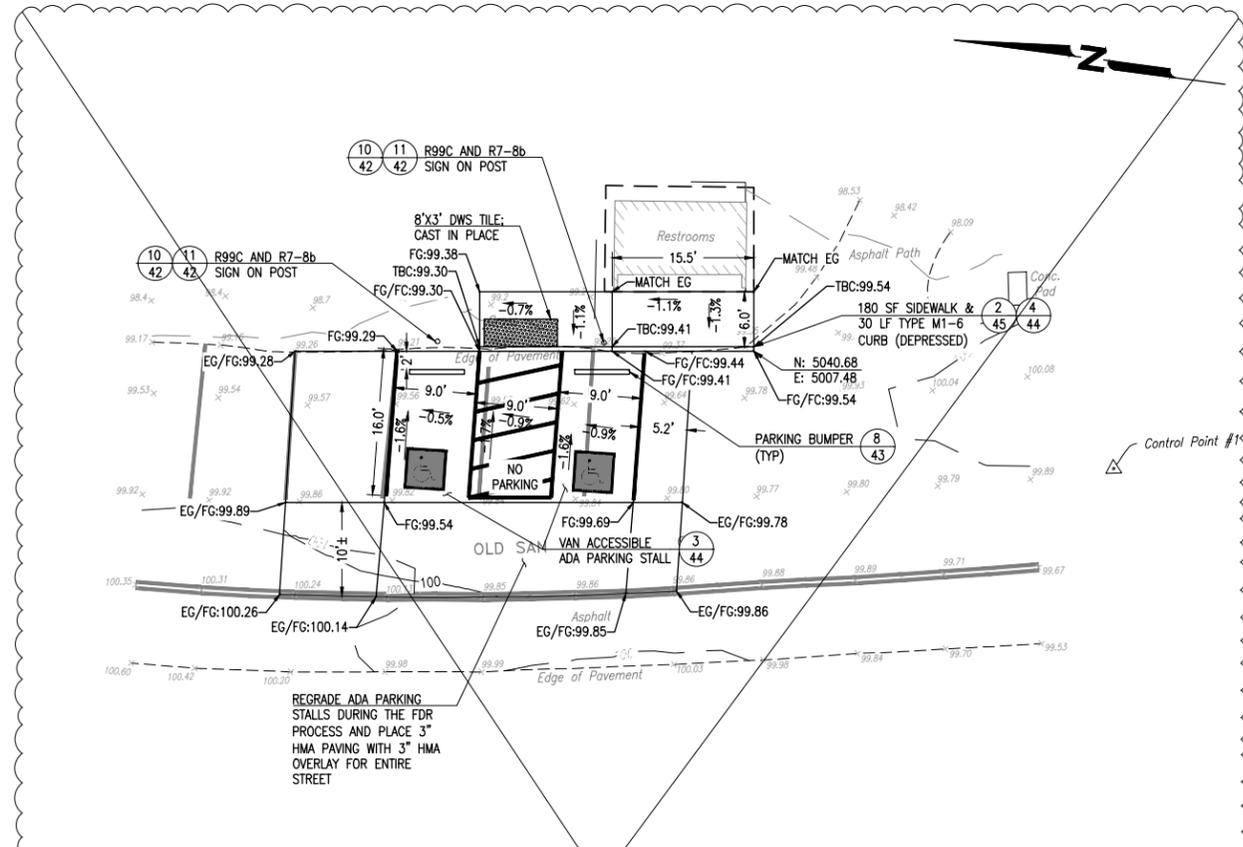
CIVIL DETAILS 6

PG. 45

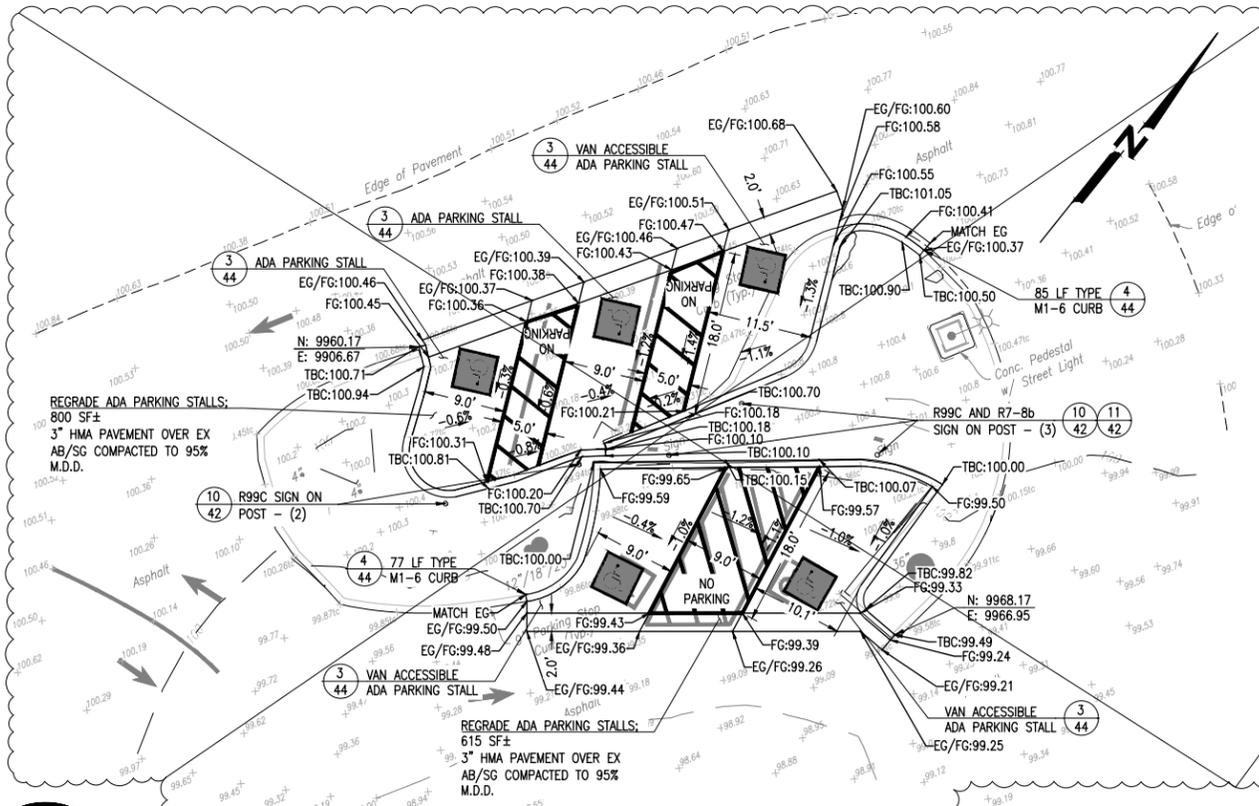
PROJ. NO.	10625-G	SCALE	NO SCALE
DATE		STRUCT.	
		DISC.	
		NUMBER	
		REV.	



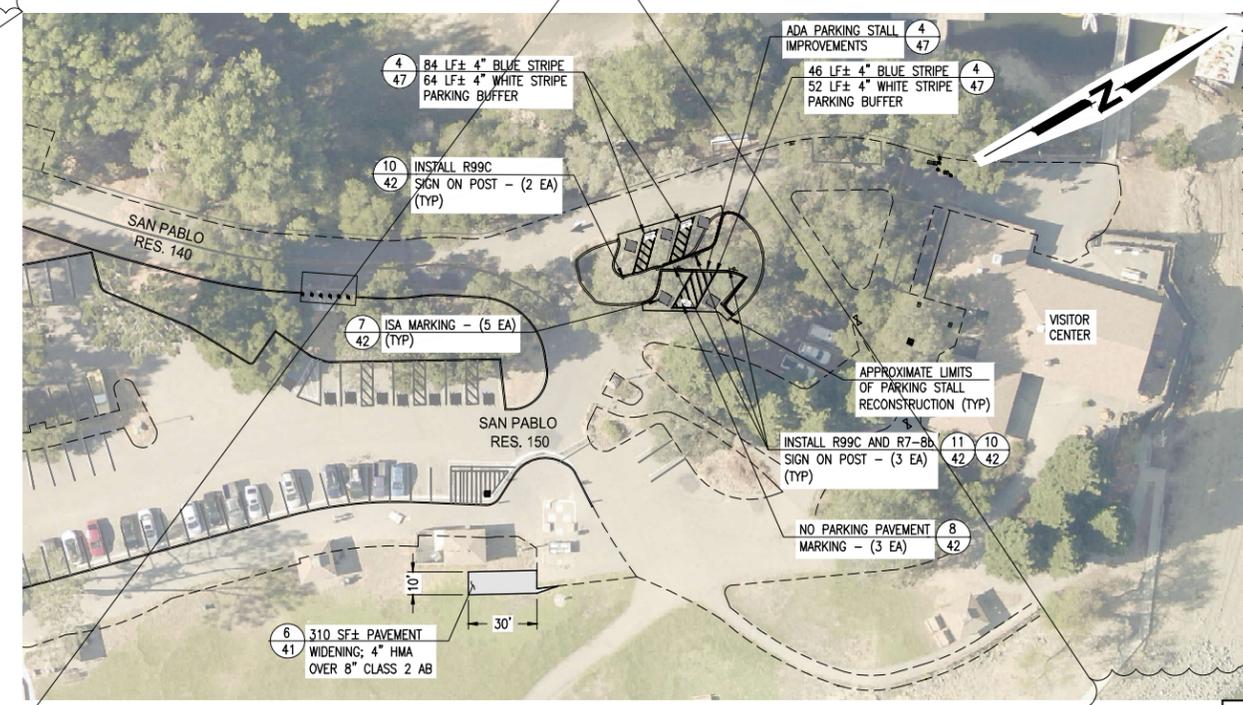
1 NORTH CENTER ADA
47 1" = 5'



2 SAN PABLO RES. 90 ADA
47 1" = 10'



4 SAN PABLO RES. 150 ADA
47 1" = 10'



3 SAN PABLO RES. 150 ADA AND HMA PAD
47 1" = 40'

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DATE: 12/10/2025



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EAST BAY MUNICIPAL UTILITY DISTRICT OAKLAND, CALIFORNIA			
PAVEMENT MANAGEMENT IMPLEMENTATION YEAR 1			
CIVIL			
ADA DETAILS 1			
PRJ NO. 10625-G	10625-G-047	PG. 47	0
SCALE AS NOTED			
DATE	STRUCT.	DISC.	NUMBER
			REV.

NO.	DATE	REVISION	BY	REC.	APP.
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East Bay Municipal
Utility District (EBMUD)
375 11th Street
Oakland, CA, 94607
Ph: (866) 403-2683

DESIGNED BY	VICTOR LEWIS
DESIGN CHECKED BY	FRANK HADJIOANNIS
DRAWN BY	SARAH WOODLIN, DIANA BASHARAW
SEAL	VICTOR LEWIS
APPROVED	
PRINCIPAL IN CHARGE, R.P.E. NO. 102349	RYAN SHAWER

PROJECT MANAGER	R.P.E. NO.
PROJECT ENGINEER	R.P.E. NO.
RECOMMENDED	R.P.E. NO.
APPROVED	R.P.E. NO.
APPROVED	R.P.E. NO.

PLOT SCALE:



SECTION 01 14 00

WORK RESTRICTIONS

PART 1 - GENERAL

1.1 SUMMARY

- A. This section describes special requirements and construction constraints that may affect the Work. These requirements and constraints are in addition to those appearing elsewhere in the specifications.
- B. Related sections:
 - 1. Section 01 33 00 – Submittal Procedures
 - 2. Section 01 35 44 – Environmental Requirements
 - 3. Section 01 35 45 – Biological, Cultural, and Paleontological Resource Requirements
 - 4. Section 01 77 00 – Closeout Procedures

1.2 SUBMITTALS

- A. Certification that all requirements of agencies having jurisdiction over the Work have been satisfied

1.3 WORK HOURS

- A. Work or activity of any kind shall be limited to the hours from 7:00 a.m. to 6:00 p.m. Monday through Friday with the exception of the North Service Area Center which shall be done during weekends, unless otherwise approved by the Engineer. See Section C for more details on North Service Area Center. Contractor shall provide a construction schedule per Section 01 33 00.
- B. Contractor shall notify District project representative no less than two (2) weeks ahead of starting the work at each facility to allow enough time for facility operations and maintenance coordination.
- C. Contractor shall note during the site visit the spatial and access limitations for all sites and plan the work, traffic control, and staging accordingly.
- D. There are work and hour restrictions the Contractor shall follow for the North Area Service Center.
 - 1. North Area Service Center:

- a. Contractor shall coordinate with Construction and Maintenance Superintendent, Dennis Cronin, at (510) 377-1610 and give him two (2) weeks advance notification prior to starting any work on site to allow for relocation of yard equipment. Weekday work, when approved, must be coordinated with the Superintendent to avoid interfering with regular facility operations.
 - b. Contractor shall refer to the project plans for suggested Phasing Plan. Contractor may propose an alternative Phasing Plan but shall receive written approval from the Engineer prior to implementation.
 - c. The Contractor shall perform the paving and striping work at this facility during the weekends, unless otherwise approved by the Engineer. See drawings for suggested Phasing Plan and timing of weekend and weekday work.
 - d. Existing utility adjustments and coordination may be performed on weekdays with prior notification to, and approval by, the Engineer. Any delays resulting from coordination with external utility agencies shall be borne by the Contractor.
 - e. Concrete work may be performed on weekdays with prior notification to, and approval by, the Engineer.
 - f. Driveway access to North Service Center must be maintained at all times.
 - g. The Contractor shall provide notification to the Engineer no less than two (2) weeks prior to starting work. No additional compensation will be allowed if the Contractor failed to properly notify the Engineer, causing the District to be unable to relocate equipment and materials in a timely manner, resulting in a delay to the Contractor's scheduled work.
 - h. All schools in close proximity to the North Area Service Center (within 500' buffer radius from North Area Service Center), including Making Waves Academy located at 4123 Lakeside Drive in Richmond, and La Petit Academy located at 3891 Lakeside Drive in Richmond, must be notified no less than two (2) weeks in advance of any work at the facility.
 - i. Only one phase of work will be allowed at a time.
- E. Work in excess of eight hours per day, work on Saturdays, work on Sundays, or work on District holidays requires prior consent of the Engineer and is subject to Cost of Overtime Construction Inspection. Notify the Engineer no less than 96 hours prior to beginning scheduled work at night or on a Saturday, Sunday or District holidays.
- F. District holidays
1. Holidays are:

New Year's Day
 Martin Luther King Day (3rd Monday in January)
 Lincoln's Birthday
 Washington's Birthday (3rd Monday in February)
 Cesar Chavez's Birthday
 Memorial Day (last Monday in May)
 Juneteenth (June 19)
 Independence Day
 Labor Day (1st Monday in September)
 Veteran's Day
 Thanksgiving Day and following Friday
 Christmas Day
 Day after Christmas

2. When a holiday falls on Sunday, the following Monday shall be observed as the holiday. When a holiday falls on Saturday, the preceding Friday shall be observed as the holiday.

a. Day after Christmas Exception:

- 1) When the Day after Christmas falls on a Saturday, the Day after Christmas holiday shall be observed on the following Monday.
- 2) When the Day after Christmas falls on a Monday, the Day after Christmas holiday shall be observed on the following Tuesday.

1.4 COST OF OVERTIME CONSTRUCTION INSPECTION

A. Overtime construction work performed at the option of, or for the convenience of, the Contractor will be inspected by the District at expense of the Contractor. For any such overtime beyond the regular 8-hour day and for any time worked on Saturday, Sunday, or holidays the charges will be as shown in the following schedule:

	<u>Charge per Hour</u>
Associate Engineer	\$134.71
Assistant Engineer	\$121.99
Senior Construction Inspector	\$119.00
Construction Inspector	\$107.83
Junior Engineer	\$10.23
Pickup truck	\$40.51

B. Charges for overtime inspection shall be captured on a Daily Extra Work Report (Appendix A). The daily extra work report shall include an accurate description of the overtime work being performed and the total District staff/equipment hours, which shall be signed by the Contractor. At the end of the month the charges will be totaled, and a credit change order will be prepared for execution, and for deduction of the overtime inspection charges in the following month's payment.

- C. There will be no charges for the inspection of overtime work ordered by the Engineer or required by the specifications.

1.5 COOPERATION WITH OTHER WORK FORCES

- A. Other contractors, other utilities and public agencies or their contractors, other District contractors, and District personnel may be working in the vicinity during the project construction period.
- B. Any costs for providing cooperation with other work forces shall be considered as included in the bid price for the various contract items of Work and no separate payment will be made therefor.

1.6 MAINTENANCE OF FACILITY OPERATION

- A. The Contractor will be performing Work at or near operating telecommunications, water storage, and water distribution sites. Under these conditions, extra precautions will be necessary to ensure that no damage occurs to those distribution facilities, including piping, utilities, roads, and structures, that are to remain in operation and are not to be modified or replaced. Any temporary facilities, materials, equipment and labor required to achieve these objectives shall be provided by the Contractor at its own expense. At the completion of Work, all such temporary facilities, materials and equipment remaining shall be removed from the site.

1.7 CONSTRUCTION NOISE

- A. Noise-generating activities greater than 90 dBA (impact construction such as concrete breaking, concrete crushing, tree grinding, etc.) shall be limited to the hours of 7:00 a.m. and 6:00 p.m., Monday through Friday and, with exceptions and with prior approval by the Engineer, between 9:00 am and 6:00 pm on weekends at the North Area Service Center.

1.8 SCHEDULING CONSTRAINTS

- A. Exceptions to the work hour constraints in Article 1.3 – Work Hours may be made upon application to the Engineer.
- B. All Work shall be in accordance with Section 01 35 44 – Environmental Requirements and Section 01 35 45 – Biological, Cultural & Paleontological Resource Requirements.
- C. Sequence of work
 1. Mobilization
 2. Construction Area Signs
 3. Clearing, grubbing and environmental protection

4. Concrete Improvements (curb, curb & gutter, curb ramps, valley gutter)
5. Utility Adjustment
6. Storm Drain Pipe Replacement and Curb Inlets
7. Paving Operations
8. AC Dike
9. Thermoplastic Striping and Markings

1.9 OUTSIDE AGENCY PERMITS

- A. The Contractor shall comply with all requirements of any permits and be responsible for all associated costs.
- B. Where requirements of the permits differ from those of the drawings and specifications, the more stringent requirements shall apply.
- C. Neither a building permit nor an electrical permit is required.
- D. The Contractor shall comply with all requirements of any easements and shall be responsible for all associated costs.
- E. The Contractor shall be responsible for obtaining any City or County encroachment permit for work or traffic control that encroaches outside of the District's property. Failure to obtain such permits, resulting in loss of production or schedule delays shall be the sole responsibility of the Contractor, and no additional compensation is allowed.
- F. The Contractor may choose to obtain additional permits or easements from adjoining property owners for the purpose of facilitating the work, material storage and other such needs. It shall be the Contractor's responsibility to acquire and pay for such permits or easements and to abide by all requirements and provisions of the permits or easements. The District will assist the Contractor, when necessary, in obtaining such permits and easements. Any damage to property, either inside or outside the limits of the easements obtained by the District, shall be the responsibility of the Contractor.
- G. Where requirements of the permits or easements differ from those of the drawings and specifications, the more stringent requirements shall apply.
- H. Before final payment will be authorized, the Contractor will be required to furnish the District with written releases from property owners or public agencies per Section 01 77 00 – Closeout Procedures.

1.10 AVAILABLE UTILITIES

- A. The Contractor shall provide all water and is responsible for associated costs.

1. Contractor may obtain a District-issued hydrant meter. Refer to <https://www.ebmud.com/customers/start-or-stop-service/hydrant-meters>

B. Power will not be available

1.11 WORK DURING NATIONAL WEATHER SERVICE RED FLAG WARNINGS & FIRE WEATHER WATCHES

- A. During any red flag warnings or fire watch events in the work area, stop all Hot Work including any electric or gas welding, cutting or brazing, wire or grinding wheel, or any extreme heat, flame or spark producing equipment, procedures or operations, unless wildfire safety mitigations have been approved by the Engineer.
- B. Request(s) for extension of Contract Time resulting from red flag or fire watch events will be considered Weather Conditions Unfavorable for Prosecution of Work per General Conditions Article 8.5.
- C. Obtain approval from the Engineer for any type of Hot Work during any National Weather Service Red Flag Warnings & Fire Weather Watches.
- D. Exercise extreme precaution for all approved work during any National Weather Service Red Flag Warnings & Fire Weather Watches.
- E. Red flag and Fire Watch warnings can be found here: <https://www.weather.gov/wrh/CAFW>

PART 2 - NOT USED

PART 3 - NOT USED

END OF SECTION