

Department of Public Works
Engineering Division

March 7, 2025

**CITY OF BERKELEY
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
SPECIFICATION NO. 25-11690-C
ADDENDUM NO. 2**

Dear Bidder:

The following amendments are hereby made to the subject documents:

1. Contract Plans

The following Sheets in the Plans have revisions:

Plan Sheet Title	Plan Sheet Number	Notes
Title Sheet	Sheet 1 of 53	Signed by Survey Chief of Party
Harmon Street – Idaho Street to Sacramento Street	Sheet 12 of 53	Revision #1 March 4, 2025
Bancroft Way – San Pablo Avenue to Martin Luther King Jr Way	Sheet 21 of 53	Revision #1 March 4, 2025
Mendocino Avenue – The Circle to Arlington Avenue	Sheet 37 of 53	Revision #1 March 4, 2025
Enlargements – Mountable Traffic Circle	Sheet 46 of 53	Revision #1 March 4, 2025
Construction Details	Sheet 48 of 53	Revision #1 March 4, 2025

2. Specifications: Bidders Proposal, Pages 9, 12, and 13

ADDED New Bid Item No. 105a, “Striping Detail #24 (Thermo)” at Estimated Quantity of 133 LF in page 9 of the Bidders Proposal.

Bid Item No. 138, “Curb Paint (Allowance),” Estimated **Quantity is REVISED** from 7,352 LF to 7,272 LF in page 12 of the Bidders Proposal.

Bid Item No. 143, “Install Roadside Sign & Post,” Estimated **Quantity is REVISED** from 31 EA to 39 EA in page 12 of the Bidders Proposal.

Bid Item No. 150, “Permeable Paver High Severity Repairs (Revocable),” Estimated **Quantity and Unit are REVISED** from 1 LS to 5,000 SF in page 13 of the Bidders Proposal.

Revised Bidders Proposal Pages 9, 12, and 13 are included as Attachment 1 of this Addendum.

3. Specifications: Part C, Technical Provisions Table of Contents Page viii

REPLACE with Attachment 2 of this Addendum, which includes new Bid Item No. 105a, “Striping Detail #24 (Thermo)”.

4. **Specifications: Part C, Technical Provisions Page C97**
REPLACE with Attachment 3 of this Addendum, which includes new Bid Item No. 105a, “Striping Detail #24 (Thermo)”.
5. **Specifications: Part C, Technical Provisions Page C104**
REPLACE Curb Paint description under Bid Item No. 140 with version included as Attachment 4 of this Addendum.
6. **Specifications: Part C, Technical Provisions Page C106**
REPLACE with Attachment 5 of this Addendum, which includes new Bid Item No. 105a, “Striping Detail #24 (Thermo)”.
7. **Specifications: Appendix D, Survey Monuments to be Referenced**
REPLACE with Attachment 6 of this Addendum.

The Bid Opening time and date remains at 2:00 p.m., Thursday, March 13, 2025. All other provisions of the contract documents shall remain the same. **Bidders shall submit a signed acknowledgment of Addendum No. 2 along with their Bidder’s Proposal. Failure to do so may result in bid rejection.**

Sincerely,



Ronald A. Nevels
Manager of Engineering/City Engineer

BIDDER’S ACKNOWLEDGEMENT:

FY 2025 Street Maintenance & Rehabilitation Project

Name of Company: _____

Address, City, State, Zip: _____

Signature: _____ Title: _____

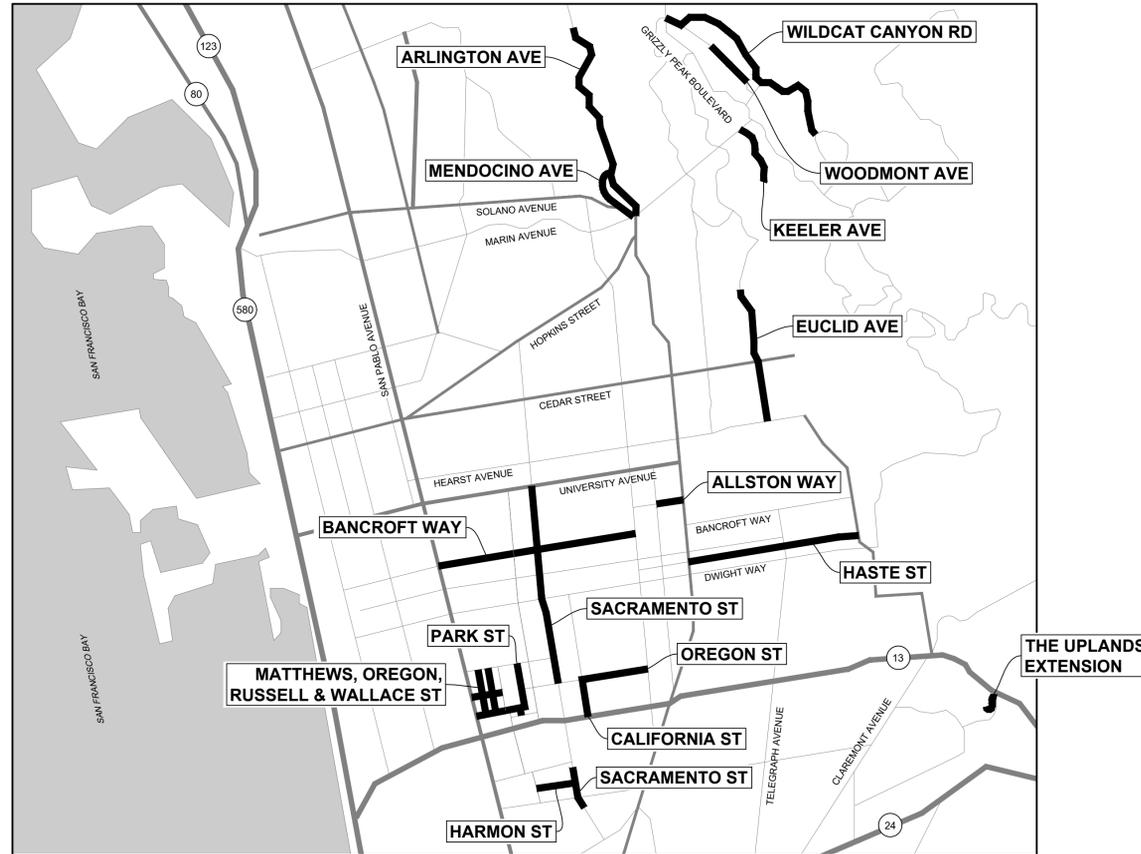
Print Name: _____ Date: _____

Attachment(s): Revised Plan Sheets
Attachment 1, Bidders Proposal Revised Pages 9, 12, and 13
Attachment 2, Revised Part C Technical Provisions Table of Contents Page viii
Attachment 3, Revised Part C Technical Provisions Page C97
Attachment 4, Revised Part C Technical Provisions Page C104
Attachment 5, Revised Part C Technical Provisions Page C106
Attachment 6, Appendix D Survey Monuments to be Referenced

CITY OF BERKELEY

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT

SPECIFICATION NO. 25-11690-C



LOCATION MAP

SHEET INDEX		
SHEET NO.	SHEET DESCRIPTION / STREET NAME	LIMITS OF WORK
1	TITLE SHEET	---
2	PROJECT NOTES	---
3	RUSSELL STREET	SAN PABLO AVENUE TO PARK STREET
4 - 5	PARK STREET	RUSSELL STREET TO WARD STREET
6	WALLACE STREET	RUSSELL STREET TO WARD STREET
7	MATTHEWS STREET	RUSSELL STREET TO WARD STREET
8	OREGON STREET	SAN PABLO AVENUE TO MABEL STREET
9	CALIFORNIA STREET	ASHBY AVENUE TO OREGON STREET
10 - 11	OREGON STREET	CALIFORNIA STREET TO MLK JR WAY
12	HARMON STREET	IDAHO STREET TO SACRAMENTO STREET
13 - 17	SACRAMENTO STREET	SOUTH CITY LIMIT TO UNIVERSITY AVENUE
18 - 22	BANCROFT WAY	SAN PABLO AVENUE TO MLK JR WAY
23 - 27	HASTE STREET	SAN PABLO AVENUE TO MLK JR WAY
28	ALLSTON WAY	SHATTUCK AVENUE TO PIEDMONT AVENUE
29 - 32	EUCLID AVENUE	MILVIA STREET TO SHATTUCK AVENUE
33 - 36	ARLINGTON AVENUE	THE CIRCLE TO NORTH CITY LIMIT
37	MENDOCINO AVENUE	THE CIRCLE TO ARLINGTON AVENUE
38	KEELER AVENUE	POPPY LANE TO MARIN AVENUE
39 - 42	WILDCAT CANYON ROAD	GRIZZLY PEAK BLVD TO THE SPIRAL
43 - 44	WOODMONT AVENUE	ROSEMONT AVENUE TO SUNSET LANE
45	THE UPLANDS EXTENSION	THE UPLANDS TO CUL-DE-SAC
46	ENLARGEMENTS	MOUNTABLE TRAFFIC CIRCLES
47	DRAINAGE IMPROVEMENTS	HILGARD AVENUE AND EUCLID AVENUE
48 - 51	CONSTRUCTION DETAILS	---
52 - 53	CONCRETE REPAIR & CURB RAMP SUMMARY TABLES	---

LEGEND

<p> REMOVE & REPLACE "X" HMA (SEE PLAN FOR DEPTH "X")</p> <p> CRACK SEAL & MICROSURFACING</p> <p> COLD PLANE "X" (SEE PLAN FOR DEPTH "X")</p> <p> REMOVE & REPLACE PCC SIDEWALK OR VALLEY GUTTER</p> <p> REMOVE & REPLACE PCC DRIVEWAY, BUS PAD, OR CURB & GUTTER (7')</p> <p> REMOVE & REPLACE PCC CURB & GUTTER (2')</p> <p> REMOVE & REPLACE PCC ROLLED CURB</p> <p> REMOVE & REPLACE PCC CURB (6')</p> <p> KEYCUT A1</p> <p> KEYCUT A2</p> <p> KEYCUT A3</p> <p> KEYCUT B1</p> <p> KEYCUT B2</p> <p> KEYCUT B3</p> <p> SHOULDER BACKING</p>	<p> HMA DIKE (TYPE A)</p> <p> HMA DIKE (TYPE C)</p> <p> EXISTING HMA DIKE</p> <p> PROPERTY LINE (APPROX.)</p> <p> 12" HDPE STORM DRAIN PIPE</p> <p> PRUNE & REMOVE TREE ROOTS (UNDER PCC/HMA REPAIRS)</p> <p> CONCRETE REPAIR NO. "AX" & "BX" (SEE SUMMARY TABLE ON SHEETS 52 & 53)</p> <p> CURB RAMP NO. "AX" (SEE SUMMARY TABLE ON SHEETS 52 & 53)</p> <p> PROPERTY ADDRESS "XXX"</p> <p> BORING LOCATION</p>	<p> CB</p> <p> CA/TV</p> <p> CROSS DRAIN INLET / OUTLET</p> <p> CI</p> <p> P</p> <p> EL</p> <p> FH</p> <p> GV</p> <p> JB</p> <p> LD</p> <p> LDH</p> <p> MH</p> <p> RS</p> <p> B0000</p> <p> M0000</p> <p> MB</p> <p> W</p> <p> BRPM</p> <p> DXX/YY</p> <p> WLL</p> <p> WCL</p> <p> YCL</p> <p> SBM</p> <p>AC ASPHALT CONCRETE</p> <p>HMA HOT MIX ASPHALT</p> <p>NTS NOT TO SCALE</p> <p>O.C. ON CENTER</p> <p>PCC PORTLAND CEMENT CONCRETE</p> <p>R&R REMOVE & REPLACE</p> <p>R.C. RELATIVE COMPACTION</p>
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PROJECT MANAGER:	DATE: 02/13/2025	DEPICTION OF MONUMENTS:	DATE: 3/3/2025	SUBMITTED:	DATE: 02/13/2025	DESIGN: JK, EN	HORIZ.: 1"=20'
SURVEY CHIEF OF PARTY:		WATERSHED REVIEW:	DATE: 02/13/2025	SUPERVISING CIVIL ENGINEER:	DATE: 09/30/2026	DRAWN: EN	VERT.: N/A
				APPROVED:	DATE: 2/13/2025	CHECK: MW, JK	BOOK: _____
				CITY ENGINEER:	DATE: 9/30/25	AS BUILT: _____	DATE: 02/12/25

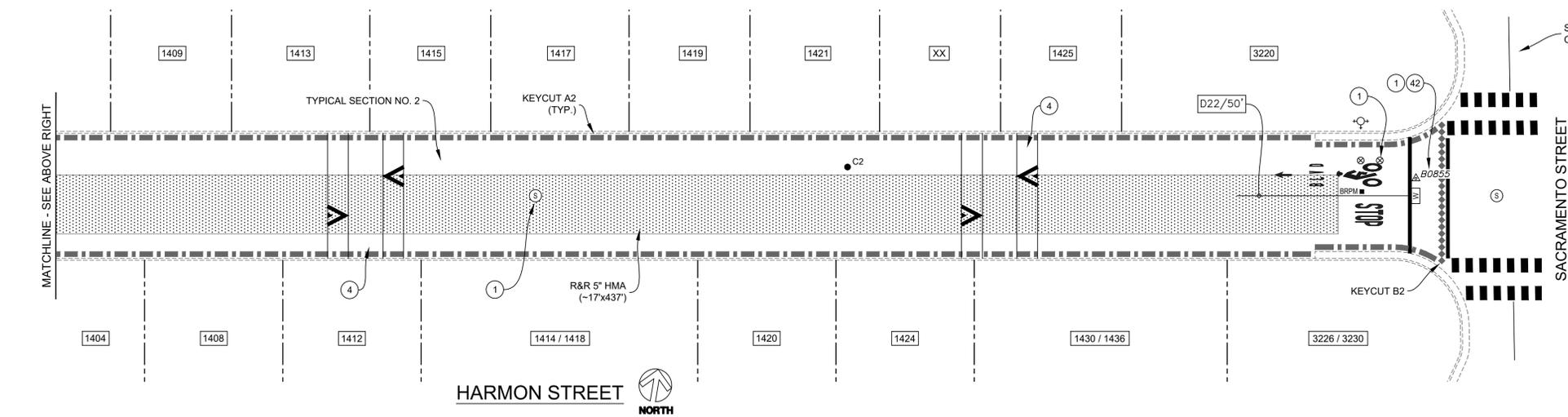
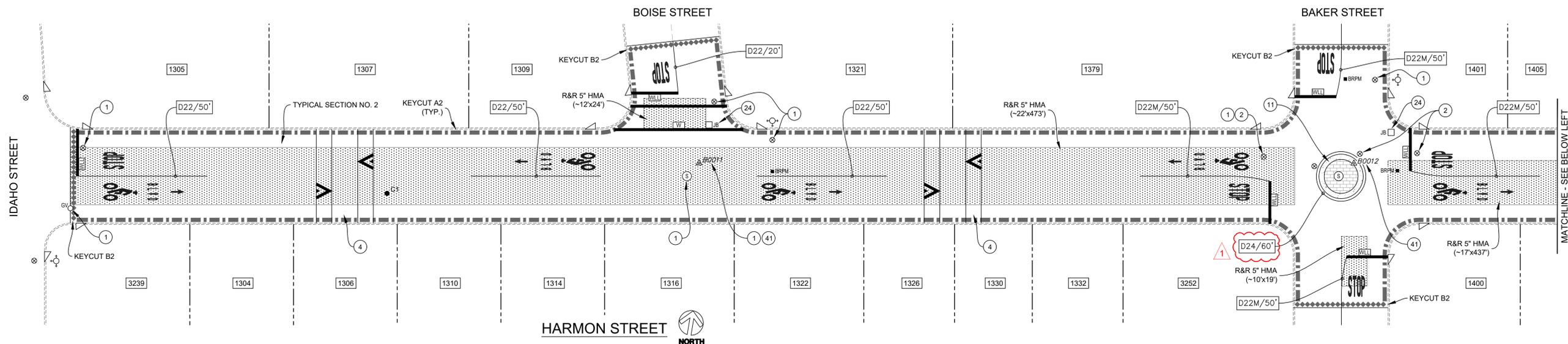
DATE: 02/13/2025	DESIGN: JK, EN	HORIZ.: 1"=20'
R.C.E.: 82615	DRAWN: EN	VERT.: N/A
EXP.: 09/30/2026	CHECK: MW, JK	BOOK: _____
DATE: 2/13/2025	AS BUILT: _____	DATE: 02/12/25
R.C.E.: 62524		
EXP.: 9/30/25		

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 805.781.2265

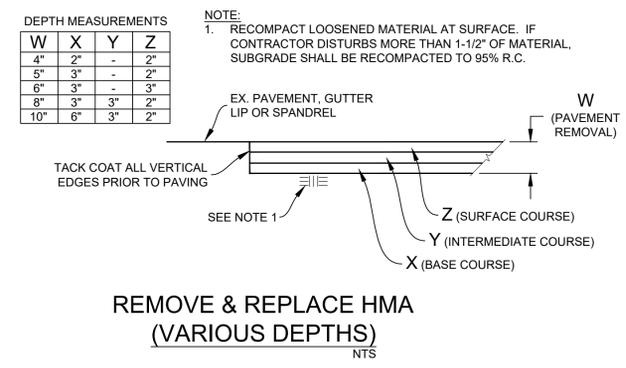
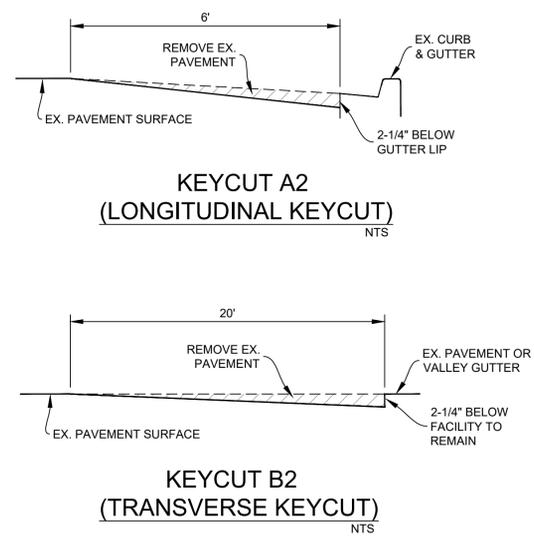
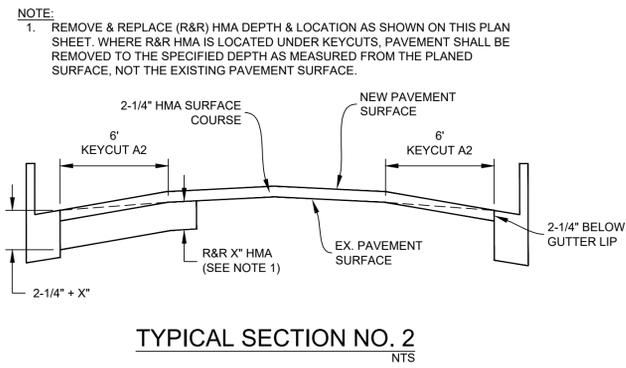
FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
 TITLE SHEET

PLAN: 8284	REVISION: _____
FILE: 501-641	MARK: _____
SHEET: 1 OF 53	DATE: _____
	APPROVAL: _____





- CONSTRUCTION NOTES:**
- ① LOWER UTILITY COVER PRIOR TO COLD PLANE.
 - ② INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - ④ CONSTRUCT NEW SPEED TABLE PER CITY OF BERKELEY STANDARD DETAIL "MIDBLOCK SPEED TABLE".
 - ⑪ CONSTRUCT TRAFFIC CIRCLE. SEE ENLARGEMENT ON SHEET 46.
 - ⑳ UTILITY COVER; PROTECT IN PLACE DURING COLD PLANE OPERATION.
 - ㉑ SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - ㉒ SURVEY MONUMENT; PROTECT IN PLACE.



BORING LOG

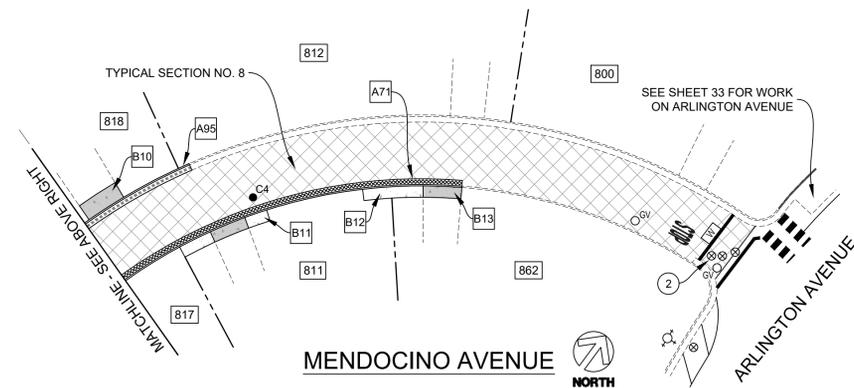
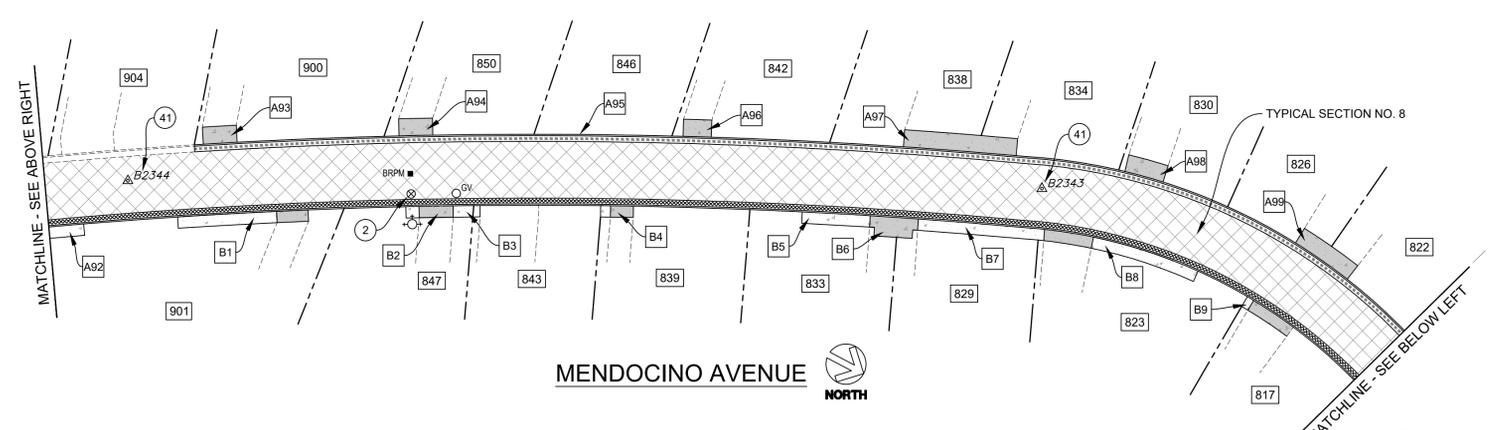
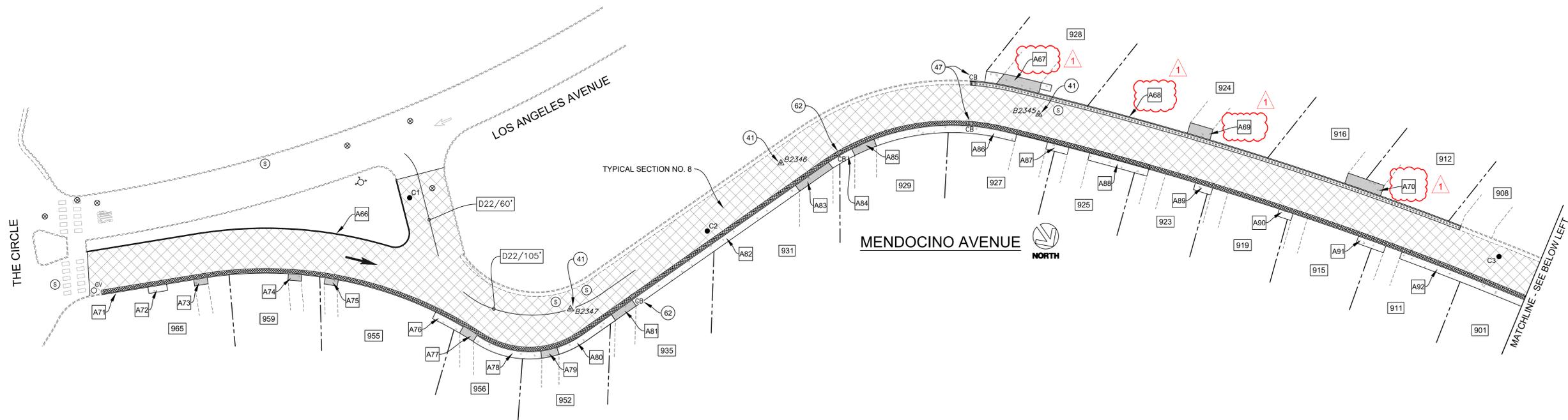
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	3-1/2"	5-1/2"	12	Y
C2	4-1/2"	10"	-	Y

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN _____ DATE _____	HORIZ. 1"=20' _____	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT	PLAN 8284
SURVEY CHIEF OF PARTY: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN _____ DATE _____	VERT. N/A _____		HARMON STREET	FILE 501-641
CITY ENGINEER: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK _____ DATE _____	AS BUILT: _____ DATE _____	BOOK _____		IDAHO STREET TO SACRAMENTO STREET	SHEET 12 OF 53
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES		DATE 03/04/25					

REVISION	MARK	DATE	DESCRIPTION	APPROVAL



- CONSTRUCTION NOTES:**
- (2) INSTALL G-5 FRAME & COVER FURNISHED BY EBMUD.
 - (41) SURVEY MONUMENT; REMOVE & REPLACE WITH STANDARD STREET MONUMENT (SEE CITY PLAN NO. 8090).
 - (47) RECONSTRUCT TOP OF CATCH BASIN & GALLERY INLET (SEE CITY PLAN 6166 & CONSTRUCTION DETAIL).
 - (62) REMOVE & REPLACE CATCH BASIN (SEE CITY PLAN NO. 6166).

- MISCELLANEOUS NOTES:**
1. LOWER ALL UTILITY COVERS WITHIN LIMITS OF WORK PRIOR TO COLD PLANE & ADJUST ALL UTILITY COVERS TO FINISHED GRADE AFTER PLACEMENT OF FINAL SURFACE COURSE, UNLESS SHOWN OTHERWISE ON THE PLANS.
 2. AT ALL VERTICAL CURB OR CURB & GUTTER LOCATIONS WHERE CONCRETE OVER-POUR IS PRESENT, CONTRACTOR SHALL SAW CUT AT FLOWLINE OR GUTTER LIP, RESPECTIVELY, & REMOVE PCC PRIOR TO RESURFACING.

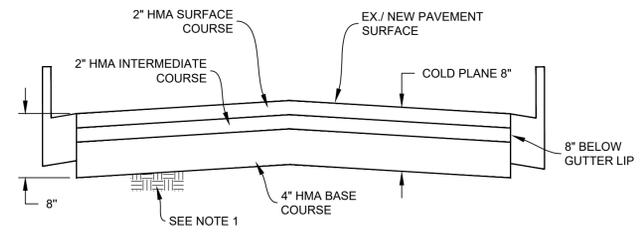
BORING LOG

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	1-3/4"	7"	11	N
C2	2"	5"	15	N
C3	1-1/2"	7"	-	N
C4	2-1/2"	6-1/2"	15	N

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

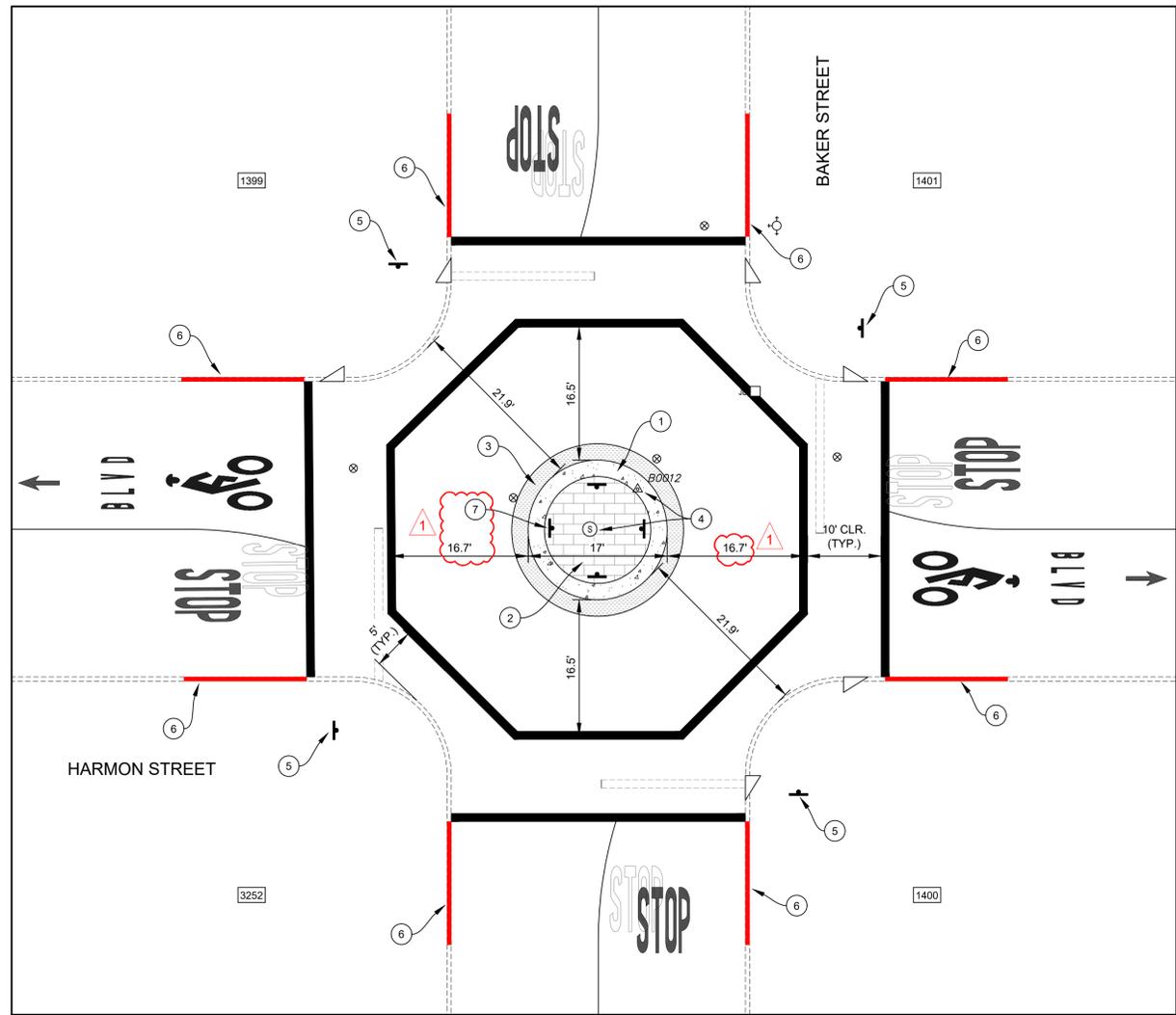


NOTE:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.

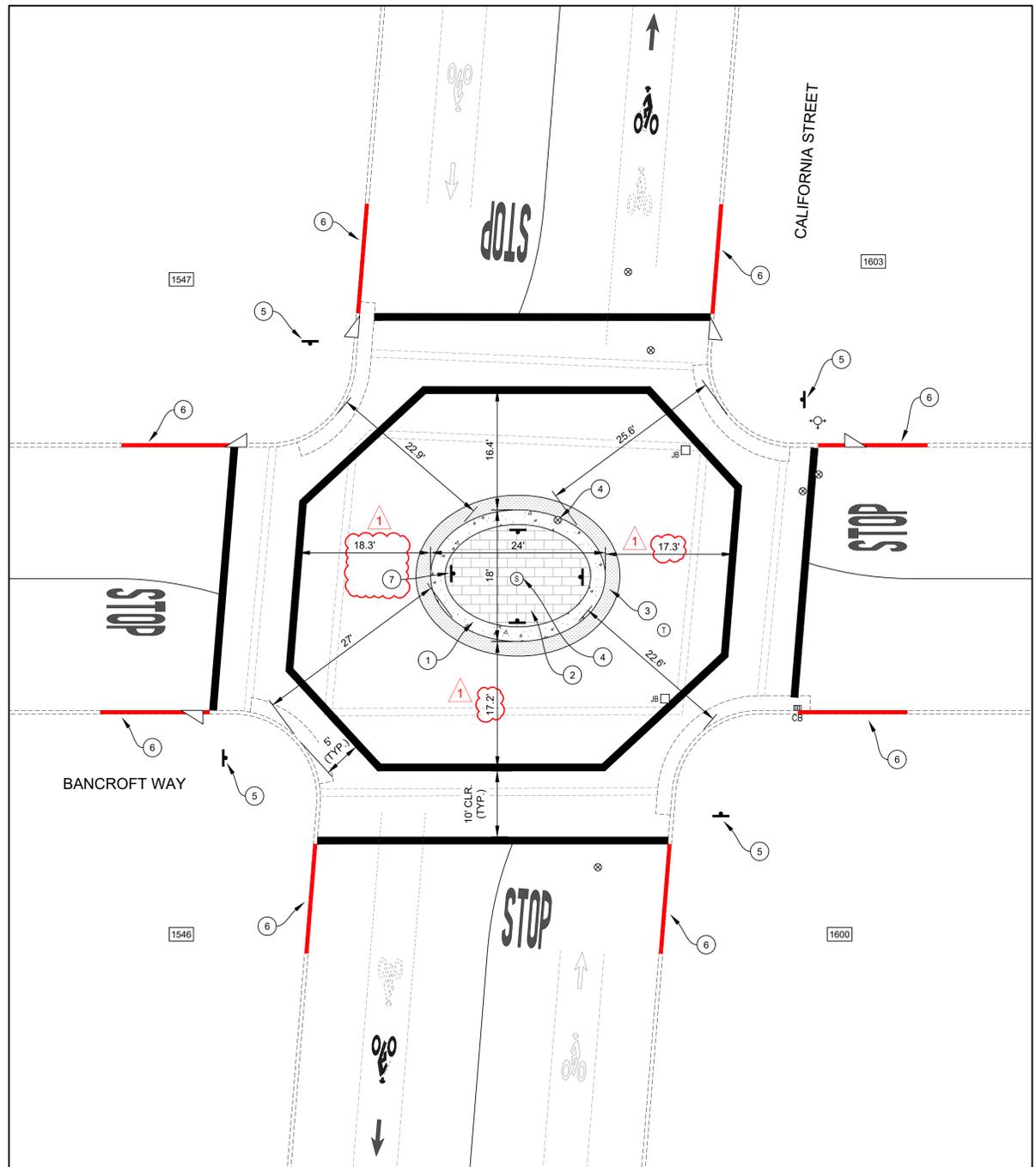


TYPICAL SECTION NO. 8
NTS

PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. 1"=30'	<p>Corporate Office: 3485 Sacramento Drive, Suite A San Jose, CA 95131 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT MENDOCINO AVENUE THE CIRCLE TO ARLINGTON AVENUE	PLAN: 8284
WATERSHED REVIEW: _____ DATE _____	APPROVED: _____ DATE _____	CITY ENGINEER: _____	DRAWN: EN	VERT. N/A			FILE: 501-641
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	DATE: _____	DATE: _____	CHECK: MW, JK	BOOK: _____			REVISION: _____
	DATE: _____	DATE: _____	AS BUILT: _____	DATE: 03/04/25			MARK: _____
							APPROVAL: _____



**MOUNTABLE TRAFFIC CIRCLE
HARMON STREET AT BAKER STREET**
1"=10' NORTH



**MOUNTABLE TRAFFIC CIRCLE
BANCROFT WAY AT CALIFORNIA STREET**
1"=10' NORTH

LEGEND

	PCC MOUNTABLE CURB		FIRE HYDRANT (EX.)
	STAMPED PCC		WATER VALVE
	HMA CONFORM		ROADSIDE SIGN & POST
	RED CURB PAINT		PROPERTY ADDRESS
	SURVEY WELL MONUMENT		HMA
	JUNCTION BOX		ON CENTER
	CATCH BASIN		PCC
	CROSS DRAIN INLET / OUTLET		RELATIVE COMPACTION
	MAINTENANCE HOLE COVER (D=STORM DRAIN, S=SEWER, T=AT&T)		REMOVE & REPLACE

CONSTRUCTION NOTES:

- 1 CONSTRUCTION PCC ROLLED CURB PER DETAIL ON SHEET 48.
- 2 CONSTRUCT STAMPED CONCRETE TRAFFIC CIRCLE PER DETAIL ON SHEET 48.
- 3 HMA CONFORM; MATCH EX. PAVEMENT THICKNESS, 8" MIN.
- 4 ADJUST UTILITY COVER TO FINISHED GRADE.
- 5 SALVAGE ROADSIDE SIGN (R1-1); REMOVE & REPLACE SIGN POST; INSTALL SALVAGED ROADSIDE SIGN (R1-1) & NEW ROADSIDE SIGN (R6-5P) ON POST SO THAT R1-1 IS ABOVE R6-5P.
- 6 RED CURB PAINT (15 LF). PAINT TOP & FACE OF CURB, TWO (2) COATS MIN.
- 7 INSTALL ROADSIDE SIGN & POST (R6-4; 4 EA PER INTERSECTION).



PROJECT MANAGER: _____ DATE _____	DEPICTION OF MONUMENTS: _____ DATE _____	SUBMITTED: _____ DATE _____	DESIGN: JK, EN	HORIZ. AS SHOWN	<p>Pavement Engineering Inc. You can ride on our reputation Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265</p>	FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT ENLARGEMENTS MOUNTABLE TRAFFIC CIRCLES	PLAN: 8284
SURVEY CHIEF OF PARTY: _____ DATE _____	WATERSHED REVIEW: _____ DATE _____	SUPERVISING CIVIL ENGINEER: _____ DATE _____	DRAWN: EN	VERT. N/A			FILE: 501-641
CITY ENGINEER: _____ DATE _____	APPROVED: _____ DATE _____	CHECK: MW, JK	BOOK: _____	AS BUILT: _____			REVISION: _____
FOR REDUCED PLANS - ORIGINAL SCALE IS IN INCHES	DATE: 03/04/25	AS BUILT: _____	DATE: 03/04/25	REVISION: _____			MARK: _____

REVISION #1 MARCH 4, 2025

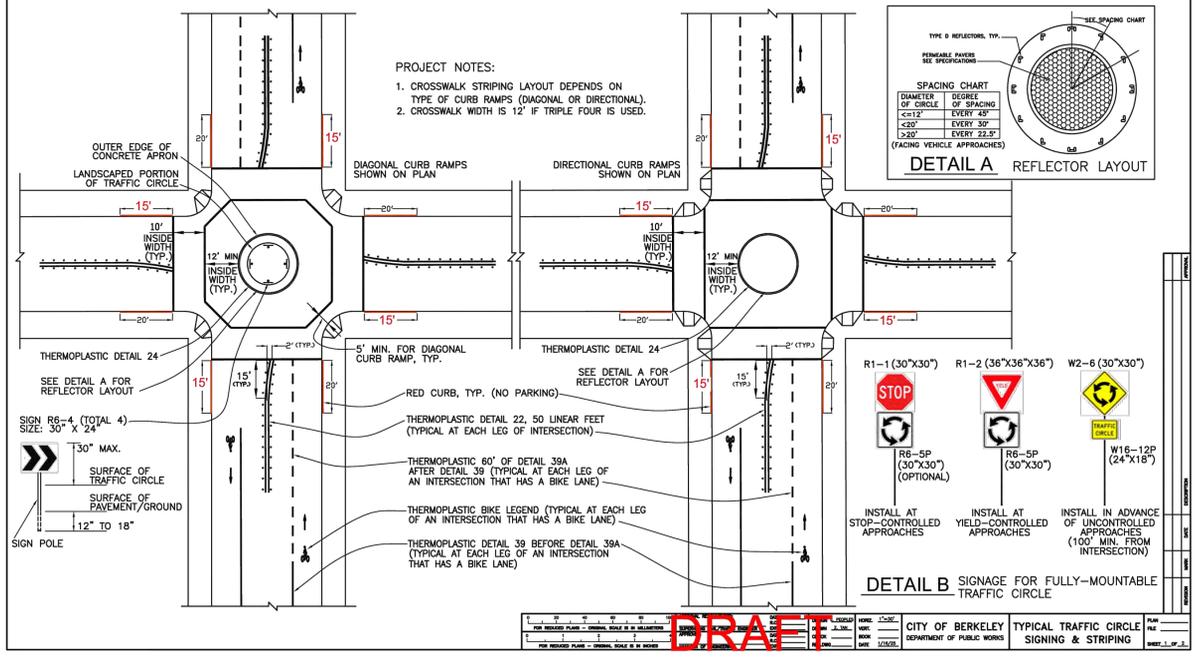
TYPICAL TRAFFIC CIRCLE SIGNING AND STRIPING

LANDSCAPED TRAFFIC CIRCLE

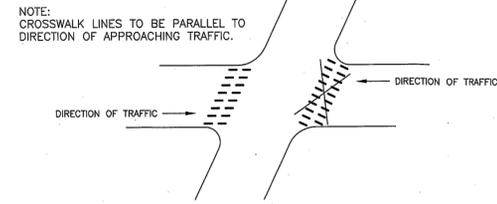
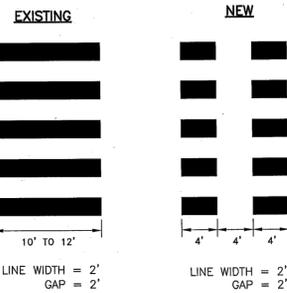
FULLY MOUNTABLE TRAFFIC CIRCLE

PROJECT NOTES:

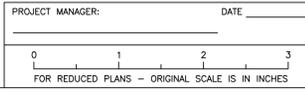
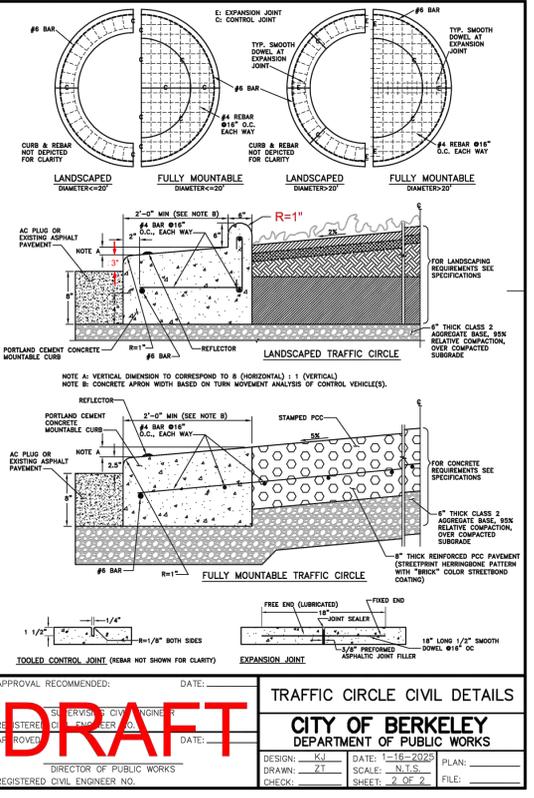
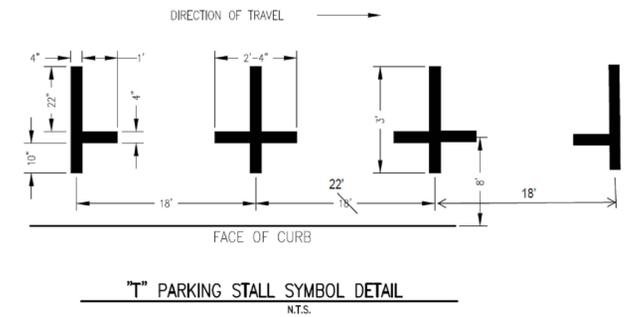
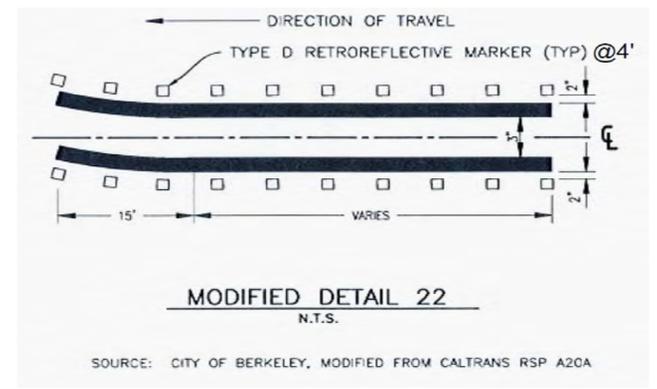
- CROSSWALK STRIPING LAYOUT DEPENDS ON TYPE OF CURB RAMPS (DIAGONAL OR DIRECTIONAL).
- CROSSWALK WIDTH IS 12' IF TRIPLE FOUR IS USED.



HIGH VISIBILITY CROSSWALK STANDARD DETAIL



CITY OF BERKELEY DEPARTMENT OF PUBLIC WORKS		STANDARD DETAIL HIGH VISIBILITY CROSSWALK	
SUBMITTED: <i>H. Montoya</i>	DATE: 7/2/13	DESIGN: ZT	DATE: 07-13
SUPERVISING TRAFFIC ENGINEER	R.C.E.: 10/2006	DRAWN: ZT	SCALE: NONE
APPROVED:	DATE:	CHECK: HM	BOOK:
MANAGER OF PW-TRANSPORTATION	EXP:	FILE: 20B-151	PLAN: 8072



PROJECT MANAGER:	DATE:	DEPICTION OF MONUMENTS:	DATE:	SUBMITTED:	DATE:	DESIGN:	JK, EN	HORIZ.:	N/A
SURVEY CHIEF OF PARTY:		WATERSHED REVIEW:	DATE:	SUPERVISING CIVIL ENGINEER:	EXP.:	DRAWN:	EN	VERT.:	N/A
				APPROVED:	DATE:	CHECK:	MW, JK	BOOK:	
				CITY ENGINEER:	EXP.:	AS BUILT:		DATE:	03/04/25

DESIGN:	JK, EN	HORIZ.:	N/A
DRAWN:	EN	VERT.:	N/A
CHECK:	MW, JK	BOOK:	
AS BUILT:		DATE:	03/04/25

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805.781.2266

FY 2025 STREET MAINTENANCE & REHABILITATION PROJECT
CONSTRUCTION DETAILS

PLAN:	8284
FILE:	501-641
SHEET:	48 OF 53

REVISION	MARK	DATE	DESCRIPTION	APPROVAL

(continued)

Part A: BASE BID (cont.)

Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
91.	4-inch White Line (Thermo)	379	LF	\$_____	\$_____
92.	6-inch White Line (Thermo)	289	LF	\$_____	\$_____
93.	6-inch Yellow Line (Thermo)	156	LF	\$_____	\$_____
94.	8-inch White Line (Thermo)	586	LF	\$_____	\$_____
95.	8-inch Yellow Line (Thermo)	99	LF	\$_____	\$_____
96.	12-inch White Crosswalk/Limit Line (Thermo)	9,717	LF	\$_____	\$_____
97.	12-inch Yellow Crosswalk Line (Thermo)	938	LF	\$_____	\$_____
98.	12-inch Red Line (Paint)	86	LF	\$_____	\$_____
99.	24-inch White Crosswalk Line (Thermo)	6,373	LF	\$_____	\$_____
100.	24-inch Yellow Crosswalk Line (Thermo)	628	LF	\$_____	\$_____
101.	White Yield Line (Thermo)	102	EA	\$_____	\$_____
102.	Striping Detail #2 (Thermo & Markers)	4,931	LF	\$_____	\$_____
103.	Striping Detail #9 (Thermo & Markers)	14,543	LF	\$_____	\$_____
104.	Striping Detail #22 (Thermo & Markers)	13,432	LF	\$_____	\$_____
105.	Striping Detail #22 Modified (Thermo & Markers) 748		LF	\$_____	\$_____
105a.	Striping Detail #24 (Thermo)	133	LF	\$_____	\$_____
106.	Striping Detail #25A (Thermo & Markers)	9,353	LF	\$_____	\$_____

(continued)

Part A: BASE BID (cont.)

<u>Item No.</u>	<u>Description*</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
134.	Bike Lane Symbol w/Person (Thermo)	6	EA	\$_____	\$_____
135.	Bicycle Boulevard Bike Lane Symbol w/Person (Thermo)	16	EA	\$_____	\$_____
136.	Shared Roadway Bicycle Marking (Thermo)	112	EA	\$_____	\$_____
137.	Bicycle Loop Detector Symbol (Thermo)	2	EA	\$_____	\$_____
138.	Curb Paint (Allowance)	7,352 7,272	LF	\$_____	\$_____
139.	Address Stencil (Allowance)	120	EA	\$_____	\$_____
140.	Remove & Replace Delineator	19	EA	\$_____	\$_____
141.	Salvage Roadside Sign & Post	3	EA	\$_____	\$_____
142.	Install Salvage Roadside Sign & Post	1	EA	\$_____	\$_____
143.	Install Roadside Sign & Post	31 39	EA	\$_____	\$_____
144.	Install Roadside Sign on Post	24	EA	\$_____	\$_____
145.	Remove Bollard	2	EA	\$_____	\$_____
146.	Remove & Replace Detector Loop	8	EA	\$_____	\$_____
147.	Salvage Planter	1	EA	\$_____	\$_____

(continued)

Part A: BASE BID (cont.)

Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
148.	Install Salvage Planter	1	EA	\$_____	\$_____
149.	Permeable Paver Joint Maintenance (Revocable)	1	LS	\$_____	\$_____
150.	Permeable Paver High Severity Repairs (Revocable)	± 5,000	LS SF	\$_____	\$_____

The following Bid Item, "Supplemental Work," is an addition to the Project's scope of work. This additional work may or may not be authorized to be performed by the Contractor as part of this contract. The additional work may be located throughout the City of Berkeley and may be outside the limits of curb ramps scheduled for replacement.

151.	Supplemental Work	1	LS	<u>\$100,000</u>	<u>\$100,000</u>
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TOTAL PART A (BASE BID) \$ _____

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(THERMO)**

**BID ITEM NO. 118 - PAVEMENT MARKING “NO PARKING FIRE LANE” LEGEND
(THERMO)**

RPMs shall be cemented to the pavement using a rapid set epoxy adhesive as specified in Section 95-1.02E, "Epoxy Adhesive for Placement Markers", of the 2024 Standard Specifications. At the option of the Contractor, a hot melt bituminous adhesive may be used as specified in Section 81-3.02D, "Hot Melt Bituminous Adhesive", of the 2024 Standard Specifications

The filler material used in bituminous adhesive shall be Type PC, Grade III, calcium carbonate complying with ASTM D1199, and shall conform to the gradations as specified in Section 81-3.02D.

Bituminous adhesive shall be heated indirectly in an applicator with continuous agitation or recirculation. Bituminous adhesive shall not be heated above the maximum safe heating temperature recommended by the manufacturer and shall not be applied at temperatures greater than 425°F nor less than 375°F.

Immediately after application of the adhesive, RPMs shall be placed in position and pressure applied until firm contact is made with the pavement.

Curb Paint

If painted curb is removed and replaced with new curb, Contractor shall paint new curb in the same color and length as the removed curb, unless shown otherwise on the Plans, or as directed by the Engineer. Contractor shall also paint curb as shown to the color and length shown on the plans. In addition to the red curb quantities shown in the Concrete Repair and Curb Ramp summary tables on the plans, the Contract bid quantity for Bid Item No. 138 includes 120 LF and 160 LF allowance of curb paint at each three (3) leg and four (4) leg intersection within the project limits, respectively. The City will paint the approach side of each intersection. The departure side of each intersection will be reviewed by the City after paving to determine if those curbs will be painted.

All existing curb paint shall be removed prior to application of new curb paint.

Use abrasive blast cleaning to remove laitance and curing compound from the surface of new concrete that is to receive the curb paint.

Application shall consist of **two (2) separate coats** of traffic paint of the appropriate color applied to the face and top of the curb.

Paint shall be used at its manufactured consistency.

Delineators

Measurement and Payment

The contract unit price paid for **“Install Blue RPM at Fire Hydrant”, “Install Yellow RPM at Median”, “White Yield Line (Thermo)”, “Pavement Marking “BLVD” Legend (Thermo)”, “Pavement Marking “BUMP” Legend (Thermo)”, “Pavement Marking “CLEAR” Legend (Thermo)”, “Pavement Marking “KEEP” Legend (Thermo)”, “Pavement Marking “MOTORCYCLE” Legend (Thermo)”, “Pavement Marking “NO PARKING FIRE LANE” Legend (Thermo)”, “Pavement Marking “ONLY” Legend (Thermo)”, “Pavement Marking “PED” Legend (Thermo)”, “Pavement Marking “STOP” Legend (Thermo)”, “Pavement Marking “XING” Legend (Thermo)”, “Pavement Marking “YIELD” Legend (Thermo)”, “Pavement Marking “L” Parking Stall Symbol (Thermo)”, “Pavement Marking “T” Parking Stall Symbol (Thermo)”, “Type I (10’) Arrow (Thermo)”, “Type I (18’) Arrow (Thermo)”, “Type III (L or R) Arrow (Thermo)”, “Type IV (L or R) Arrow (Thermo)”, “Type VII (L or R) Arrow (Thermo)”, “Bike Lane Arrow (Thermo)”, “Bike Lane Arrow (Green-Back; Thermo)”, “Bicycle Boulevard Bike Lane Arrow (Thermo)”, “Bike Lane Symbol w/Person (Thermo)”, “Bicycle Boulevard Bike Lane Symbol w/Person (Thermo)”, “Shared Roadway Bicycle Marking (Thermo)”, “Bicycle Loop Detector Symbol (Thermo)”, “Address Stencil (Allowance)” and “Remove & Replace Delineator”** will include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Traffic Striping, Markings and Raised Pavement Markers, complete in place, including proper removal and disposal of traffic striping, markings and markers; temporary striping; cat-tracking; coordination with City’s Traffic Engineering Division; and clean-up, as shown on the plans, as specified in the Standard Specifications and these special provision, and as directed by the Engineer.

The contract price paid per linear foot for **“4-inch White Line (Thermo)”, “6-inch White Line (Thermo)”, “6-inch Yellow Line (Thermo)”, 8-inch White Line (Thermo)”, “8-inch Yellow Line (Thermo)”, “12-inch White Crosswalk/Limit Line (Thermo)”, “12-inch Yellow Crosswalk Line (Thermo)”, “12-inch Red Line (Paint)”, “24-inch White Crosswalk Line (Thermo)”, “24-inch Yellow Crosswalk Line (Thermo)”, “Striping Detail #2 (Thermo & Markers)”, “Striping Detail #9 (Thermo & Markers)”, “Striping Detail #22 (Thermo & Markers)”, “Striping Detail #22 Modified (Thermo & Markers)”, “Striping Detail #24 (Thermo)”, “Striping Detail #25A (Thermo & Markers)”, “Striping Detail #27B (Thermo)”, “Striping Detail #29 (Thermo & Markers)”, “Striping Detail #38 (Thermo & Markers)”, “Striping Detail #39 (Thermo)”, “Striping Detail #39A (Thermo)”, “Striping Detail #41 (Thermo)” and “Curb Paint (Allowance)”** will include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Traffic Striping, Markings and Raised Pavement Markers, complete in place, including proper removal and disposal of traffic striping, markings, marker, and curb paint; replacing address stencils; temporary striping; cat-tracking; coordination with City’s Traffic Engineering Division; and clean-up, as

CITY OF BERKELEY STREET REHAB PLAN 8284 SPEC 25-11690-C MONUMENTS TO BE REFERENCED

DESIGNATION	DESCRIPTION	ELEVATION	LOCATION	
		(Berkeley Datum) (Street Intersection or Nearest Address)		
<u>MONUMENTS TO BE REFERENCED BOTH HORIZONTALLY AND VERTICALLY: (note: Elevations of 5000.00 are assumed elevations)</u>				
1	B0147	BPCM3	44.84	Russell Street / San Pablo Avenue (see plan 8284 sheet 3)
2	B0148	IPipeCM4ID	5000.00	Russell Street / Wallace Street (see plan 8284 sheet 3)
3	B0149	BPCM3P	48.52	Russell Street / Mathews Street (see plan 8284 sheet 3)
4	B0150	BPCM3P	53.16	Russell Street / Mabel Street (see plan 8284 sheet 3)
5	B1030	IPCM6	5000.00	Wallace Street / Oregon Street (see plan 8284 sheets 6 & 8)
6	B2512	BPCM3	5000.00	Oregon Street / San Pablo Avenue (see plan 8284 sheet 8)
7	B0110	BPCM2	77.48	California Street / Ashby Avenue (see plan 8284 sheet 9)
8	B0138	BDCM16P-CoB	5000.00	California Street / Julia Street (see plan 8284 sheet 9)
9	B0156	BPCM3	5000.00	California Street / Russell Street (see plan 8284 sheet 9)
10	B0199	X_swk	5000.00	California Street / Oregon Street (see plan 8284 sheets 9 & 10)
11	B0197	BDCM16P-CoB	5000.00	Oregon Street / Grant Street (see plan 8284 sheet 11)
12	B0011	BPCM3	56.03	Harmon Street / Boise Street (see plan 8284 sheet 12)
13	B0012	IPCM7P	59.40	Harmon Street / Baker Street (see plan 8284 sheet 12)
14	B0855	BPCM2	5000.00	Harmon Street / Sacramento Street (see plan 8284 sheets 12 & 13)
15	B0857	BPCM2	5000.00	Sacramento Street / Alcatraz Avenue - west side (see plan 8284 sheet 13)
16	B0008	BPCM2	5000.00	Sacramento Street / Alcatraz Avenue - east side (see plan 8284 sheet 13)
17	B0856	BPCM2	5000.00	Sacramento Street / Harmon Street - east side (see plan 8284 sheet 13)
18	B0853	BPCM2	5000.00	Sacramento Street / Fairview Street - west side (see plan 8284 sheet 13)
19	B0854	BPCM2	5000.00	Sacramento Street / Fairview Street - east side (see plan 8284 sheet 13)
20	B0852	BPCM2	5000.00	Sacramento Street / 66th Street (see plan 8284 sheet 13)
21	B0851	BPCM2	5000.00	Sacramento Street / Woolsey Street (see plan 8284 sheet 13)
22	B0850	BPCM2	66.59	Sacramento Street / 67th Street (see plan 8284 sheet 13)
23	B0848	BPCM2_dwy	5000.00	Sacramento Street / Prince Street - west side (see plan 8284 sheet 13)
24	B0849	BPCM2	5000.00	Sacramento Street / Prince Street - east side (see plan 8284 sheet 13)
25	B0833	BPCM2	5000.00	Sacramento Street / Tyler Street (see plan 8284 sheet 14)
26	B0846	BPCM2	5000.00	Sacramento Street / Ashby Avenue - west side (see plan 8284 sheet 14)
27	B0847	BPCM2	5000.00	Sacramento Street / Ashby Avenue - east side (see plan 8284 sheet 14)
28	B0844	BPCM2	5000.00	Sacramento Street / Julia Street (see plan 8284 sheet 14)
29	B0155	BPCM2	5000.00	Sacramento Street / Russell Street (see plan 8284 sheet 14)
30	B0842	BPCM2	5000.00	Sacramento Street / Oregon Street - west side (see plan 8284 sheet 14)
31	B0200	BPCM2	74.57	Sacramento Street / Oregon Street - east side (see plan 8284 sheet 14)
32	B3627	X_swk	83.26	Sacramento Street / Parker Street (see plan 8284 sheet 15)
33	B2527	X_ramp	5000.00	Sacramento Street / Dwight Way (see plan 8284 sheet 16)
34	B0416	BPCM3	93.56	Sacramento Street / Bancroft Way (see plan 8284 sheets 17 & 20)
35	B0449	BPCM3	98.62	Sacramento Street / Allston Way (see plan 8284 sheet 17)
36	B0474	BPCM3	105.04	Sacramento Street / Addison Street (see plan 8284 sheet 17)

37	B0880	BDCM16P-CoB	5000.00	Bancroft Way / San Pablo Avenue (see plan 8284 sheet 18)
38	B0410	BPCM3	57.39	Bancroft Way / Curtis Street (see plan 8284 sheet 18)
39	B0411	BDCM16P-CoB	62.67	Bancroft Way / Browning Street (see plan 8284 sheet 18)
40	B0412	BPCM3	68.27	Bancroft Way / Bonar Street (see plan 8284 sheet 19)
41	B0891	BPCM3	71.45	Bancroft Way between Bonar and West streets (see plan 8284 sheet 19)
42	B0413	BPCM3	74.38	Bancroft Way / West Street (see plan 8284 sheet 19)
43	B0414	BPCM3	82.84	Bancroft Way / Acton Street (see plan 8284 sheet 19)
44	B0415	BPCM3	5000.00	Bancroft Way / Edwards Street (see plan 8284 sheet 20)
45	B0419	BDCM16P-CoB	5000.00	Bancroft Way / Jefferson Avenue (see plan 8284 sheet 21)
46	B3935	BDCM16P-CoB	5000.00	Bancroft Way / Jefferson Avenue (see plan 8284 sheet 21)
47	B0420	BDCM16P-CoB	5000.00	Bancroft Way / McGee Avenue (see plan 8284 sheet 21)
48	B0421	IPCM7	125.63	Bancroft Way / Roosevelt Avenue (see plan 8284 sheet 22)
49	B0422	BPCM4	132.87	Bancroft Way / Grant Street (see plan 8284 sheet 22)
50	B0423	IPCM3	138.88	Bancroft Way / McKinley Avenue (see plan 8284 sheet 22)
51	B2316	BPCM2	170.66	Haste Street / Shattuck Avenue (see plan 8284 sheet 23)
52	B0360	BDCM16P-CoB	185.22	Haste Street / Fulton Street (see plan 8284 sheet 23)
53	B0357	BPCM3P	295.90	Haste Street / College Avenue (see plan 8284 sheet 27)
54	B0560	BDCM16P-CoB	5000.00	Euclid Avenue / Ridge Road (see plan 8284 sheet 29)
55	B0565	BPCM3	351.28	Euclid Avenue / Le Conte Avenue (see plan 8284 sheet 29)
56	B0650	BPCM3	411.22	Euclid Avenue / Cedar Street (see plan 8284 sheet 30)
57	B1832	BDCM21P	491.73	Euclid Avenue south of Bay View Place (see plan 8284 sheet 32)
58	B2430	BPCM2_NEswk	5000.00	701 Arlington Avenue (see plan 8284 sheet 34)
59	B2429	BPCM2_NEswk	404.15	683 Arlington Avenue (see plan 8284 sheet 34)
60	B1278	BPCM2_SWswk	424.66	614 Arlington Avenue north of San Fernando Avenue (see plan 8284 sheet 35)
61	B2420	BPCM2_Pstrip	439.20	Arlington Avenue / San Antonio Avenue (see plan 8284 sheet 35)
62	B2419	BPCM2_Eswk	462.89	557 Arlington Avenue (see plan 8284 sheet 35)
63	B2377	BPCM2_Wswk	474.67	490 Arlington Avenue (see plan 8284 sheet 35)
64	B2439	BPCM2_Eswk	483.17	Arlington Avenue north of Santa Barbara Road (see plan 8284 sheet 35)
65	B2347	BPCM2	286.65	935 Mendocino Avenue (see plan 8284 sheet 37)
66	B2346	BPCM2	275.89	931 Mendocino Avenue (see plan 8284 sheet 37)
67	B2345	BPCM2	271.59	928 Mendocino Avenue (see plan 8284 sheet 37)
68	B2344	BPCM2	286.29	904 Mendocino Avenue (see plan 8284 sheet 37)
69	B2343	BPCM2	5000.00	834 Mendocino Avenue (see plan 8284 sheet 37)
70	B1127	BPCM3	846.27	Keeler Avenue / Poppy Lane (see plan 8284 sheet 38)
71	B4352	X_Ecurb	5000.00	Keeler Avenue / Poppy Lane (see plan 8284 sheet 38)
72	B1128	BPCM3	5000.00	1025 Keeler Avenue (see plan 8284 sheet 38)
73	B3856	X_Ecurb	5000.00	1025 Keeler Avenue (see plan 8284 sheet 38)
74	B1129	BPCM3	5000.00	1007 Keeler Avenue (see plan 8284 sheet 38)
75	B1130	BDCM16P-CoB	5000.00	Keeler Avenue / Miller Avenue (see plan 8284 sheet 38)
76	B1131	BPCM3	5000.00	Keeler Avenue / Forest Lane south (see plan 8284 sheet 38)
77	B1132	IPCM4	5000.00	Keeler Avenue / Forest Lane north (see plan 8284 sheet 38)
78	B3018	BDCM16P-CoB	822.39	Wildcat Canyon Road / Canon Drive (see plan 8284 sheet 39)
79	B2324	BDCM11P	821.32	Wildcat Canyon Road east of Woodmont Avenue (see plan 8284 sheet 39)

80	B2853	BDCM16P-CoB	5000.00	770 Wildcat Canyon Road east of Woodhaven Road (see plan 8284 sheet 41)
81	B2854	IPipeCM16ID-NT	5000.00	780 Wildcat Canyon Road north of The Spiral (see plan 8284 sheet 42)
82	B1991	BDCM16P-CoB	5000.00	794 Wildcat Canyon Road north of The Spiral (see plan 8284 sheet 42)
83	B2071	BPCM1	901.12	962 Wildcat Canyon Road north of The Spiral (see plan 8284 sheet 42)
84	B2072	BDCM16P-CoB	901.69	Wildcat Canyon Road / The Spiral (see plan 8284 sheet 42)
85	B1816	BDCM16P-CoB	5000.00	620 Woodmont Avenue east of Rosemont Avenue (see plan 8284 sheet 43)

DESCRIPTION LEGEND:

BDCCM11P = Brass Disk Contra Costa County Monument 11 times 1/8" (1-3/8") in diameter with a Punch mark (in standard monument well)
 BDCM16P-CoB = Brass Disk City Monument 16 times 1/8" (2") in diameter with a Punch mark and stamped CITY OF BERKELEY UNLAWFUL TO DEFACE (in standard monument well)
 BDCM21P = Brass Disk City Monument 21 times 1/8" (2-5/8") in diameter with a Punch mark (in standard monument well)
 BPCM2 = Brass Pin City Monument 2 times 1/8" (1/4") in diameter (in standard monument well)
 BPCM2_dwy = Brass Pin City Monument 2 times 1/8" (1/4") in diameter in a driveway (in standard monument well)
 BPCM2_Eswk = Brass Pin City Monument 2 times 1/8" (1/4") in diameter in the East sidewalk (in standard monument well)
 BPCM2_NEswk = Brass Pin City Monument 2 times 1/8" (1/4") in diameter in the NorthEast sidewalk (in standard monument well)
 BPCM2_Pstrip = Brass Pin City Monument 2 times 1/8" (1/4") in diameter in the Planter strip (in standard monument well)
 BPCM3 = Brass Pin City Monument 3 times 1/8" (3/8") in diameter (in standard monument well)
 BPCM3P = Brass Pin City Monument 3 times 1/8" (3/8") in diameter with a Punch mark (in standard monument well)
 IPCM6 = Iron Pin City Monument 6 times 1/8" (3/4") in diameter (in standard monument well)
 IPCM7P = Iron Pin City Monument 7 times 1/8" (7/8") in diameter with a Punch mark (in standard monument well)
 IPipeCM16ID-NT = Iron Pipe City Monument 16 times 1/8" (2") in Interior Diameter with a Nail & Tag (in standard monument well)
 IPipeCM4ID = Iron Pipe City Monument 4 times 1/8" (1/2") in Interior Diameter (in standard monument well)
 X_Ecurb = cut cross ("X") in the East curb
 X_ramp = cut cross ("X") in the curb ramp
 X_swk = cut cross ("X") in the sidewalk