

**THE IMPROVEMENTS ON
MABEL AVENUE
FROM SANTA MARIA AVENUE TO REDWOOD ROAD
CASTRO VALLEY, ALAMEDA COUNTY, CALIFORNIA
SPECIFICATION NO. 2487**

This addendum is issued by the County of Alameda, Public Works Agency, Construction and Development Services Department, 399 Elmhurst Street, Hayward, CA 94544.

TO ALL PROSPECTIVE BIDDERS for the above project, notice is hereby given that the following changes, modifications, corrections, clarifications, and additions as hereinafter set forth shall apply to the plans and specifications described herein and shall be made part thereof and subject to all requirements as if originally specified or drawn.

Receipt of this Addendum No. 1 must be acknowledged on the form in the bid proposal in writing.

CHANGES TO THE BID BOOK

1. Replace Bid Book pages BB-6 through BB-9 with the attached Bid Book pages BB-6 (Addendum 1) through BB-9 (Addendum 1).

CHANGES TO THE PROJECT PLANS

1. Replace Plan Sheets 3 and 4 with the attached Plan Sheet 3 (Revision 1) and Plan Sheet 4 (Revision 1)

END OF ADDENDUM NO. 1
OFFICE OF THE COUNTY ENGINEER

BID ITEM LIST

No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
PREPARATORY WORK						
1*	§5-1.24 733000-A	Construction Surveys	1	LS	\$	\$
2	§5-1.36D 050000-A	Monument Preservation (Pre-Construction)	1	EA	\$	\$
TEMPORARY TRAFFIC CONTROL						
3	§12 120100	Traffic Control System	1	LS	\$	\$
WATER POLLUTION CONTROL WORK						
4	§13-2 130200-E	Prepare Water Pollution Control Plan – CGP Exempt	1	LS	\$	\$
5	§13-4 130100	Job Site Management	1	LS	\$	\$
6*	§13-6.03C 130620	Temporary Drainage Inlet Protection	10	EA	\$	\$
7	§13-7.02 130730	Street Sweeping	1	LS	\$	\$
8	§13-9 130900	Temporary Concrete Washout	1	LS	\$	\$
CLEARING / RELOCATING IMPEDIMENTS						
9	§17-2 170103	Clearing and Grubbing (LS)	1	LS	\$	\$
10*	§17-2 170103-B	Remove Tree	2	EA	\$	\$
11*	§15-1.03B 153122	Remove Concrete	3,500	SF	\$	\$
12*	§39-3 398001	Remove Asphalt Concrete	5,700	SF	\$	\$
EARTHWORK						
13*	§19-2 190101-SF	Roadway Excavation	14,000	SF	\$	\$
14*	§19-2 190101-D	Roadway Excavation - Disposal	500	TON	\$	\$
LANDSCAPE						
15*	§20-10 202028-A	Relocate/Adjust/Modify/Reset Irrigation System Components	100	LF	\$	\$
16*	§20-3.01B 204011	Plant Tree (24" Box)	19	EA	\$	\$
17*	§20-3.01B 205062	Root Control Barrier	250 500	SF	\$	\$
18*	§20-3.01B 204306	Deep Watering Tubes (4" Diam. PVC x 3')	38	EA	\$	\$

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No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
19*	§20-3.01B(13) 204036	Gutter to Tree Well Pipes (3'ø x 2.5' Long Galvanized Perforated Pipe)	38	EA	\$	\$
SURFACINGS AND PAVEMENTS						
20*	§39-2.01 393004	Geosynthetic Pavement Interlayer (Pavement Fabric)	5,000	SY	\$	\$
21*	§39-2.09 390132-LV	Hot Mix Asphalt – Low Volume (HMA-LV)	700	TON	\$	\$
22*	§39-2.09 390132-LV	Hot Mix Asphalt – Low Volume (HMA-LV) – Asphalt Plug	1,100	LF	\$	\$
23*	§39-2.09 390132-LV	Hot Mix Asphalt – Low Volume (HMA-LV) – Asphalt Concrete Conform (Incl. Class II AB)	500	SF	\$	\$
24*	§39-3.02 390095-A	Replace Failed Sections of AC Surfacing & Base with Full Depth HMA	200	TON	\$	\$
25*	§39-3.04 398200	Cold Plane Asphalt Concrete Pavement	5,000	SY	\$	\$
DRAINAGE FACILITIES						
26*		Sidewalk (3' Diam.) Drain Pipe (SD-427)	100	LF	\$	\$
27	§71-4 710240	Relocate/Reconstruct Drop Inlet @ 19508 Santa Maria Avenue	1	EA	\$	\$
28	§71-4 710240	Adjust/Reconstruct Drop Inlet @ 3833 Mabel Avenue	1	EA	\$	\$
CONCRETE CURBS & SIDEWALKS						
29*	§73 731504-A	Minor Concrete (Curb and Gutter)	1,100	LF	\$	\$
30*	§73 731516-A	Minor Concrete (Driveway) – All Types	2,500	SF	\$	\$
31*	§73 731516-B	Minor Concrete (PCC Conform) – Incl. Class II AB	2,000	SF	\$	\$
32*		Custom/Decorative Driveway/Walkway Conform @ 3909 , #3833, #3857, #3969, #3985 Mabel Avenue (Incl. Class II AB)	800	SF	\$	\$
33*	§73 731516-A	Minor Concrete (Sidewalk)	350	SF	\$	\$
34*	§73 731521-P	Pervious Concrete (Sidewalk)	4,300	SF	\$	\$
35*	§73 731623-A	Minor Concrete (Pedestrian Ramp)	100	SF	\$	\$

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No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
36*	§47-4.01	Modular Concrete Block Retaining Wall (Dry Stackable Block Keystone Legacy)	260	SF	\$	\$
LOCAL INFRASTRUCTURE						
37*	§77 710208-E	Adjust Water Meter Box & Cover – EBMUD	13	EA	\$	\$
38*	§77 710214-E	Adjust Water Valve Box & Cover – EBMUD	3	EA	\$	\$
39*	§77-3	Reset Water Service	4	EA	\$	\$
40	§77 710208-E	Adjust Traffic Signal Service Box	2	EA	\$	\$
41	§77 710208-E	Adjust PG&E Service Box	1	EA	\$	\$
42	§77 710214-E	Relocate Sewer Cleanout	3	EA	\$	\$
43*	§77	Adjust Manhole Frame And Cover (CVSD)	5	EA	\$	\$
44	§78-2 -	Adjust Survey Monument Box & Cover to Grade	1	EA	\$	\$
45*	§8-0 803170	Relocate Fence (All Types)	100	LF	\$	\$
ROADSIDE SIGNS						
46	§81-3.02C 810230	Blue Pavement Marker	3	EA	\$	\$
47	§82-3 820250	Remove and Replace Existing Roadside Sign & Post	1	EA	\$	\$
48*	§82-3 820650	Remove, Salvage, and Reinstall Roadside Sign & Post	7	EA	\$	\$
TRAFFIC STRIPES AND PAVEMENT MARKINGS						
49*	§84-2 840502	Thermoplastic Traffic Stripe (Enhanced Wet Night Visibility)	1,250	LF	\$	\$
50*	§84-2 840516	Thermoplastic Pavement Marking (Enhanced Wet Night Visibility)	350	SF	\$	\$
51	§84-9.04	Remove Existing Traffic Stripes, Pavement Markings and Markers	1	LS	\$	\$
ELECTRICAL SYSTEMS						
52	§87	Detector Loop (Type E)	3	EA	\$	\$
53	§87	Detector Loop (Type Modified E)	1	EA	\$	\$
PROJECT WRAP-UP						
54	§5-1.36D 050000-B	Monument Preservation (Post-Construction)	1	EA	\$	\$
55	§20-4 204009	Plant Establishment Work (3-Years)	1	LS	\$	\$

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No.	Sec/Code	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
56	§22 220101	Finishing Roadway	1	LS	\$	\$

*Contingent item under section 2-1.09B

Total Bid: _____ **Dollars \$** _____
(in words)

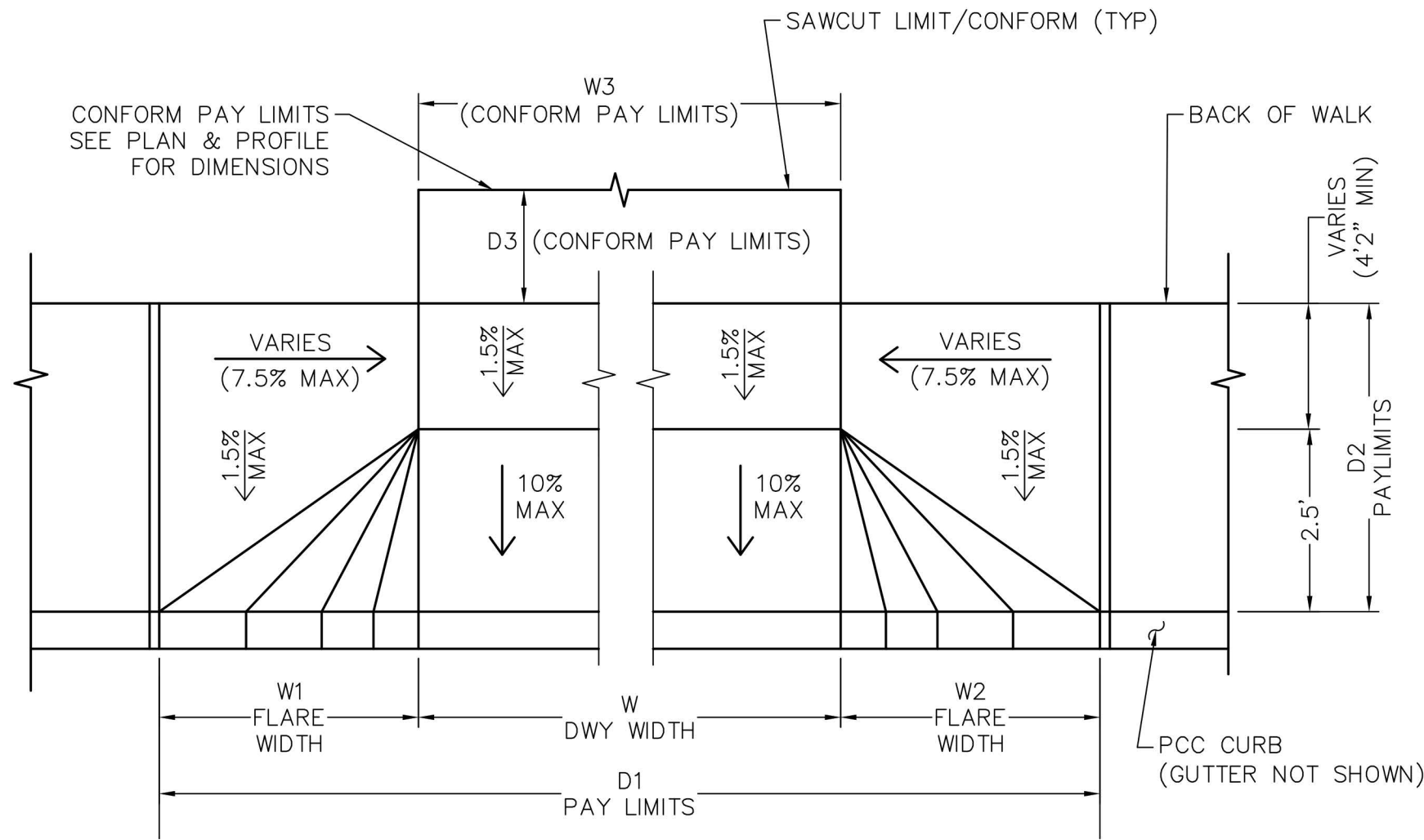
The prices bid include furnishing the resources and activities required to complete the work. Payment is full compensation for furnishing the resources and activities as described under section [9-1.03](#).

Links to section numbers are provided for convenience only. Specifications found under the referenced sections are not the only specification that apply to the Bid Item as described under section [1-1.01](#).

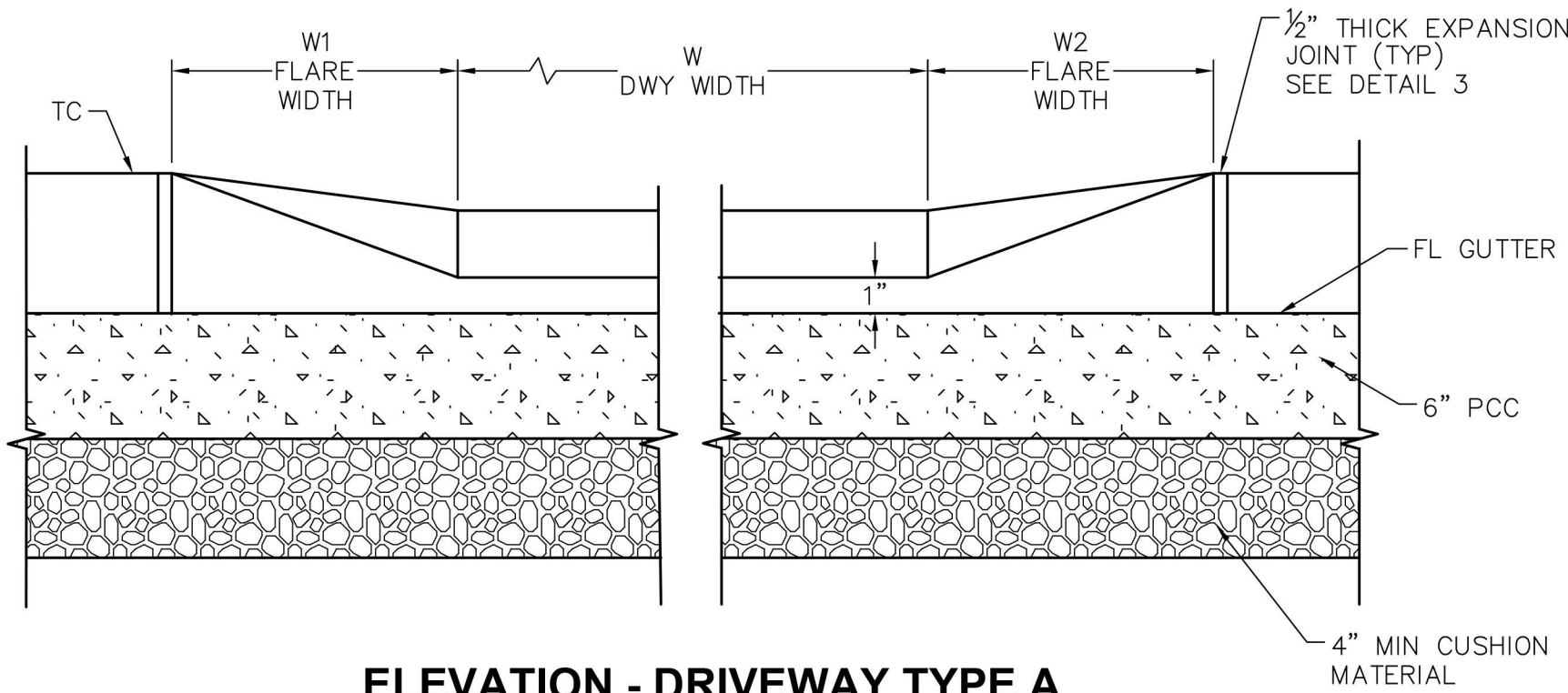
Most bid Item codes (without the hyphenated suffix) and descriptions are similar to, but not necessarily the same as, Caltrans Standard Bid Item codes and descriptions. This information when queried at the following webpage may be useful for estimating costs: <http://sv08data.dot.ca.gov/contractcost>

REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION		SURVEY	
MAINTENANCE		TRAFFIC	
REAL ESTATE		ENVIRONMENTAL	

N:\3D\ROAD\R32106 Mabel ST\Model\00-05 Title Pollution Notes Details.dwg 3-07-25 11:27:31 AM michaelr



PLAN - PCC DRIVEWAY TYPE A

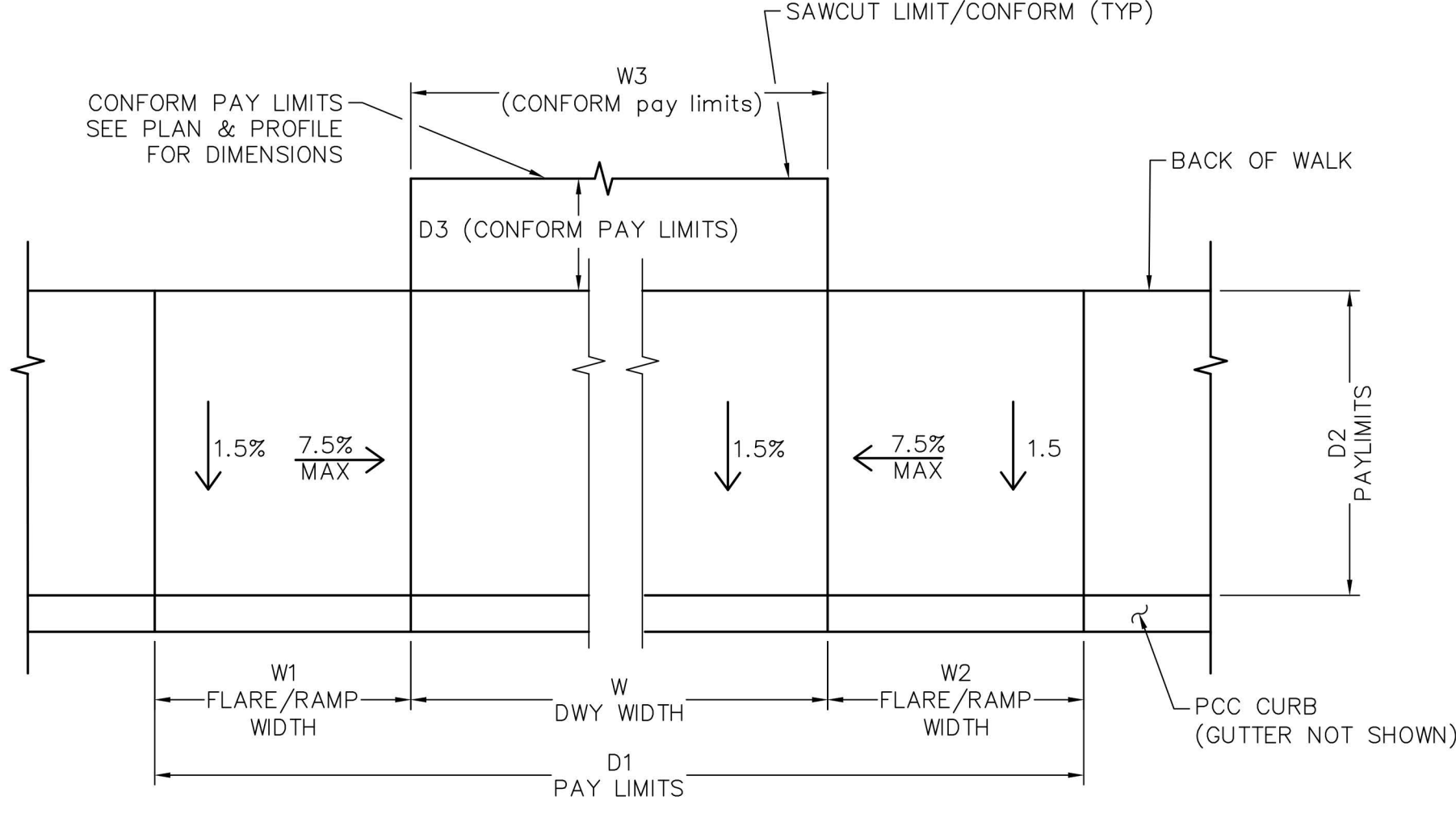


ELEVATION - DRIVEWAY TYPE A

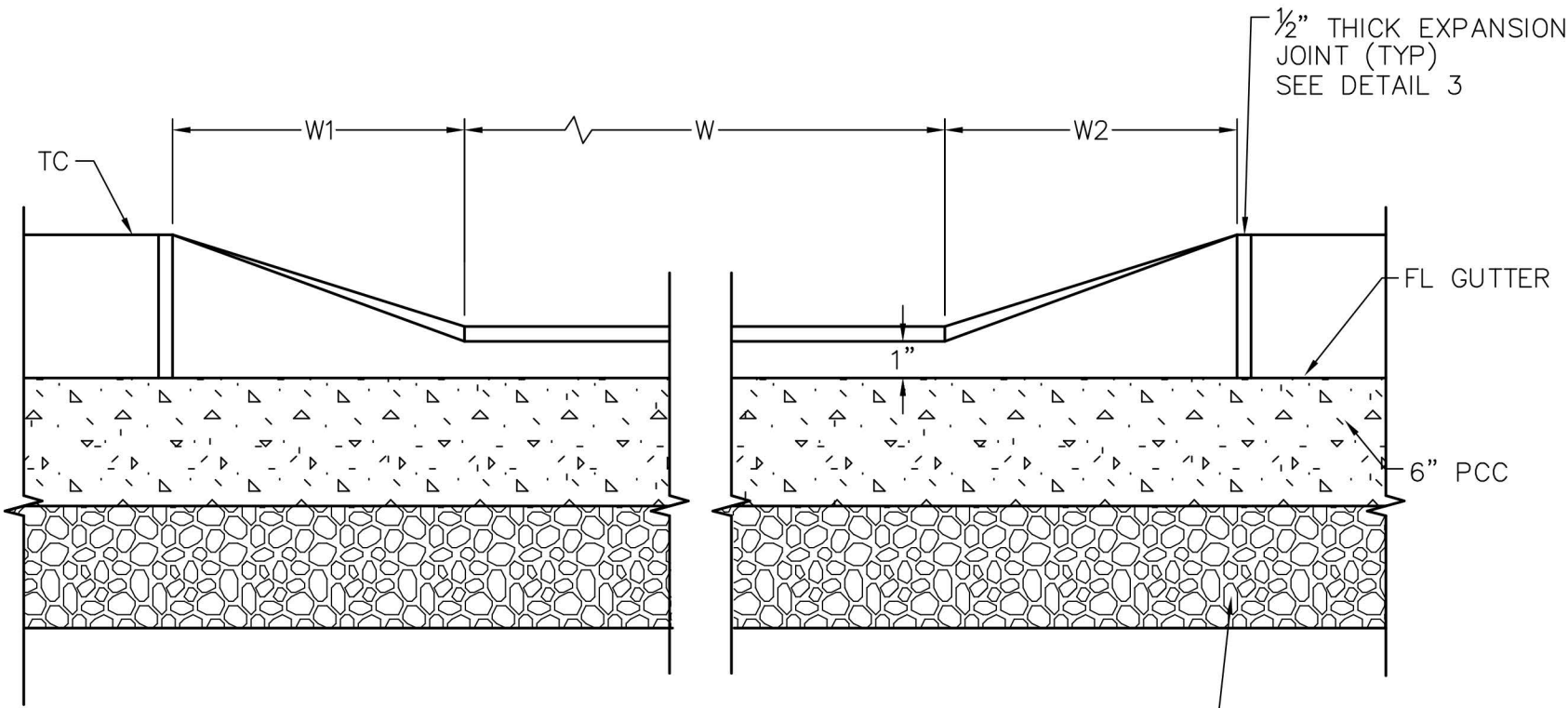
PCC DRIVEWAY TYPE A DETAIL

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PLAN - PCC DRIVEWAY TYPE B



ELEVATION - DRIVEWAY TYPE B

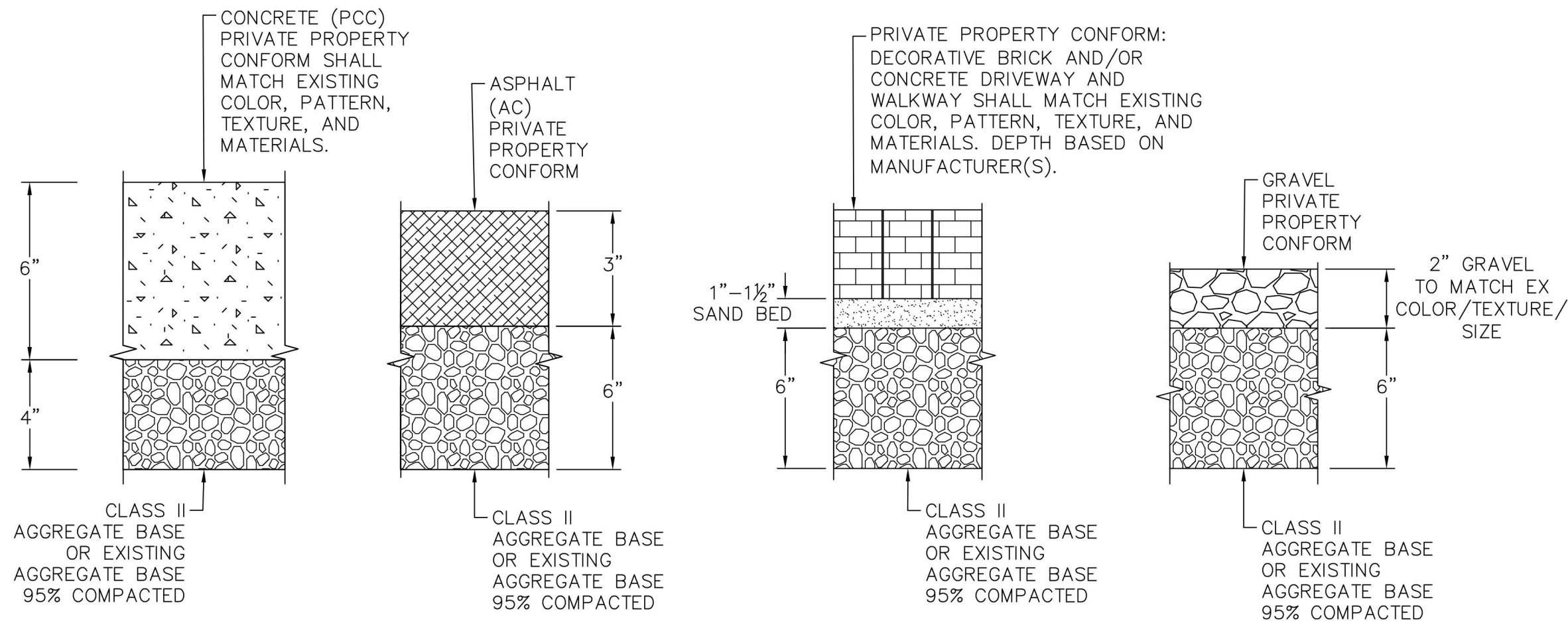
PCC DRIVEWAY TYPE B DETAIL

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PCC DRIVEWAY IMPROVEMENTS TABLE - MABEL AVENUE												
DWY NO.^	ALIGNMENT	STA*	DWY TYPE	W1	W	W2	W3 CONFORM	D1	D2	D3 CONFORM	CONFORM MATERIAL**	ADDRESS
D-1	G-LINE	2+26.35	A	3.5	19.0	3.5	19.5	26	6.5	5.0	PCC	3801 MABEL AVE
D-2	G-LINE	2+52.86	A	3.5	16.0	3.5	17.0	23	6.5	5.0	PCC	3809 MABEL AVE
D-3	G-LINE	5+31.29	A	3.5	11.0	3.5	22.9	18	6.4	5.0	STAMPED COLORED PCC	3833 MABEL AVE
D-4	G-LINE	5+57.18	A	3.5	15.5	3.5	24.8	22.5	6.4	8.0	PCC/AC	3839 MABEL AVE
D-5	G-LINE	6+51.92	A	3.5	10.0	3.5	8.8	17	6.4	8.0	PCC	3845 MABEL AVE
D-6	G-LINE	7+00.43	A	3.5	11.6	3.5	11.6	18.6	6.4	7.5	PCC	3851 MABEL AVE
D-7	G-LINE	7+57.72	A	3.5	11.0	3.5	22.3	19	6.4	10.0	BRICK	3857 MABEL AVE
D-8	G-LINE	7+82.45	A	3.5	17.0	3.5	18.0	25	6.4	10.0	PCC	3863 MABEL AVE
D-9	G-LINE	8+27.74	A	3.5	10.0	3.5	13.8	17	6.4	11.0	PCC WITH BRICK	3969 MABEL AVE
D-10	G-LINE	8+84.73	A	3.5	8.5	3.5	7.9	17	6.4	10.0	AC	3975 MABEL AVE
D-11	G-LINE	9+20.63	A	3.5	10.0	3.5	17.5	23	6.4	10.0	PCC	3975 MABEL AVE
D-12	G-LINE	9+43.38	A	3.5	14.5	3.5	17.6	20	6.4	10.0	PCC	3979 MABEL AVE
D-13	G-LINE	10+65.00	A	3.5	18.0	3.5	19.3	25	6.4	14.5	PCC WITH BRICK	3985 MABEL AVE
D-14	G-LINE	10+93.91	A	3.5	16.5	3.5	15.7	22	6.4	14.5	PCC	3989 MABEL AVE
D-15	G-LINE	11+86.07	A	3.5	14.5	3.5	15.3	21	6.4	4.5	PCC	3993 MABEL AVE
D-16	G-LINE	12+11.01	A	3.5	16.0	3.5	24.0	23	6.4	3.0	PCC	3995 MABEL AVE
D-17	G-LINE	12+88.80	B	3.5	15.5	3.5	29.2	23	6.4	4.0	PCC	3997 MABEL AVE

1



CONFORM NOTES:

- SEE 'PRIVATE PROPERTY MODIFICATIONS' FOR ADDITIONAL DETAILS.
- SEE PCC DRIVEWAY IMPROVEMENTS TABLE ON SHEET 4 FOR CONFORM MATERIAL DELINEATION.

PRIVATE PROPERTY DRIVEWAY / WALKWAY CONFORMS

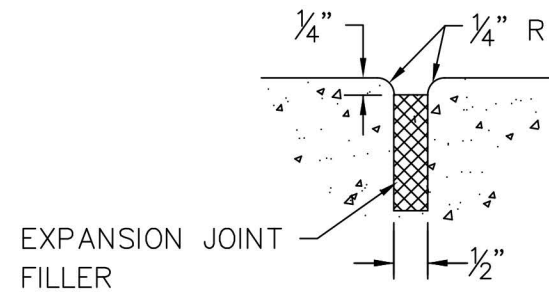
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DRIVEWAY NOTES:

- WEAKENED PLANE JOINTS REQUIRED ON CENTERLINE FOR DRIVEWAYS 12' TO 20' WIDE.
- PLACE SCORE MARKS AT 1/4 POINTS ON DRIVEWAYS 12' TO 20' WIDE.
- NEW DRIVEWAYS, GROOVED BORDERS, AND RAMPS SHALL HAVE A THICKNESS OF 6" PCC OVER 4" AB AND SHALL BE POURED MONOLITHICALLY WITH CURB & GUTTER.
- IF THE EXISTING ON-SITE IMPROVEMENTS DO NOT MATCH THE GRADE AT THE REAR OF THE NEW DRIVEWAY, SUFFICIENT EXISTING IMPROVEMENTS SHALL BE RECONSTRUCTED TO PRODUCE A SMOOTH, USABLE SURFACE WITH A CHANGE IN GRADE NOT EXCEEDING 10%.
- ON-SITE DRIVEWAY SHALL CONFORM TO THE BACK OF NEW DRIVEWAY.
- ALL CURB AND GUTTER SHALL BE CONSTRUCTED TO DRAIN.
- ALL NATIVE MATERIAL BELOW THE CUSHION MATERIAL, CLASS II AB, AND EXISTING AB, SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

WEAKENED PLANE JOINT



EXPANSION JOINT

JOINT DETAILS

NTS

3

U-761

4 OF 17

FILE NO.

2487

R32106

WORK ORDER NO.

THE IMPROVEMENTS ON MABEL AVENUE
FROM SANTA MARIA AVENUE
TO REDWOOD ROAD

DRIVEWAY DETAILS

DESIGNED
MICHAEL TAYLOR

CHECKED
LEO BARREDEY/EMANUEL KASONE

DRAWN
MICHAEL TAYLOR

APPROVAL RECOMMENDED
JELIN PAN

APPROVAL RECOMMENDED

APPROVAL RECOMMENDED
JELIN PAN

APPROVED

PROFESSIONAL ENGINEER
K. LO
No. C71397
STATE OF CALIF.

APPROVAL DATE: 2/4/2025

REVISIONS

NO.

DESCRIPTION

BY

DATE

1

REVISED PCC DRIVEWAY IMPROVEMENTS TABLE

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3/7/25

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