

ADDENDUM NO. 1

Hopyard Road and Owens Drive Intersection Improvements, Project No. 15525

This addendum is hereby made a part of the project contract documents. It shall be the responsibility of the general contractor to inform any affected sub-bidder of the content of this addendum.

The contract documents are modified/clarified as follows:

- 1) Replace slurry seal treatment from Sta 8+40 to Sta 11+27.96 and Sta 20+21.24 to 28+78 with cold plane and overlay treatment on Hopyard Road. Cold plane and overlay Hopyard Road from Sta 8+40 to 28+ 78 before placement of final striping Refer to the revised plan sheets for striping and additional traffic loops.
- 2) Replace Bid Proposal with the updated attached Bid Proposal. Contractor shall use the updated bid proposal for submitting bid. The following bid items has been modified:

Increase Bid Item 22- REMOVE TREE quantity from 27 EA to 28 EA.

Modify Bid Item 31 description to 2" PVC INSPECTION PIPE (SOUND WALL)

Delete Bid Item 37- SLURRY SEAL

Increase Bid Item 38- HOT MIX ASPHALT (TYPE A)(1/2") quantity from 1900 TON to 3290 TON.

Increase Bid Item 40- COLD PLANE ASPHALT CONCRETE PAVEMENT quantity from 15400 SQYD to 28550 SQYD.

Decrease Bid Item 58- MINOR CONCRETE (SIDEWALK) (SQYD) quantity from 690 SQYD to 600 SQYD.

Add a new Bid Item MEDIAN AND ISLAN CONCRETE (SQYD) quantity 100 SQYD.

Increase Bid Item 65- ADJUST CITY WATER VALVE TO GRADE quantity from 2 EA to 3 EA

Increase Bid Item 66- LOWER AND RAISE SD MANHOLE FRAME AND COVER quantity from 3 EA to 8 EA.

Increase Bid Item 67- LOWER AND RAISE SS MANHOLE FRAME AND COVER from quantity 3 EA to 9 EA.

Increase Bid Item 68- LOWER AND RAISE CITY WATER VALVE quantity from 9 EA to 25 EA.

Increase Bid Item 69- LOWER AND RAISE DETECTOR HANDHOLE COVER quantity from 3 EA to 10 EA.

Increase Bid Item 82- DETAIL 38 quantity from 2300 LF to 2700 LF.

Increase Bid Item 87- 4" WHITE THERMOPLASTIC STRIPE quantity from 680 LF to 730 LF.

Increase Bid Item 89- FIRE HYDRANT MARKER quantity from 8 EA to 14 EA.

Increase Bid Item 90- THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING quantity from 1600 SQFT to 1800 SQFT.

Increase Bid Item 91- GREEN PAINT (BIKE LANE) quantity from 4400 SQFT to 4900 SQFT.

Increase Bid Item 93- REMOVE THERMOPLASTIC PAVEMENT MARKING quantity from 600 SQFT to 800 SQFT.

Modify Bid Item 96 Description to BASE REPAIR (DIG OUT 6 INCHES) and Decrease quantity from 11500 SQFT to 10000 SQFT

Add a new Bid Item BASE REPAIR (DIG OUT 4 INCHES), quantity 6000 SQFT.

Modify Bid Item 25 STRUCTURE BACKFILL (SOUND WALL) & Bid Item 43 BAR REINFORCING STEEL, RETAINING WALL (SOUND WALL) (F) as Final Pay. Items denoted as (F) on the bid item description means Final Pay.

- 3) Add to the Table of contents to the Special Provisions- Appendix C- Temporary Construction Easement Agreement and Appendix D- Soundwall Geotechnical Report.
- 4) Contractor shall comply with the requirements of the Temporary Construction Easement Agreements listed in Appendix C under Special Provision. Right of way Contract- Temporary Construction Easement for 5785 Johnson Drive and 6111 Johnson Court the term of the TCE contract anticipated to be extended to October 31, 2025, from December 31, 2024. All other terms and conditions remain in effect.
- 5) Modify Section 19 Earthwork, to the Special Provisions:
Add to section 19-2.04:
Payment for removal of existing subdrain and associated filter fabric material is

included in the payment for roadway excavation.

- 6) Modify Section 20 Landscape, to the Special Provisions:
Add to the Stucco Materials:
Finish Coat Layer 1- total thickness $\frac{3}{4}$ inch (sky location).
Finish Coat Layer 2- total thickness 1-inch (mountain location)
The Architectural treatment (Pleasanton Ridge) to be created with Stucco Finish Coat Layer 2.

- 7) Modify Section 39 Asphalt Concrete, to the Special Provisions, as follows:
Replace Section 9-03B.4.1 Base Repair (Dig Out) with Following:
Areas of Full Depth HMA Repair (isolated pavement repair) will be identified and marked in the field by the Engineer. Length and width of isolated pavement repair area varies with a minimum width of 6 feet. The Contractor shall remove the top 4-to-6 inches of the existing pavement either by blade cutting, grinder, or jack hammering, compact the existing base materials, and replace with asphalt concrete Type A, $\frac{3}{4}$ maximum, medium gradation unless noted otherwise on the plans. The relative compaction for this work shall be 95% minimum. HMA for isolated pavement repair areas shall be placed within five (5) hours after the removal of existing pavement or by the end of the day, whichever is less. Base repair location will be identified and marked after cold plane/milling operation.

- 8) Work within the State Right of Way requires Encroachment Permit from Caltrans. Hereby add Caltrans Encroachment Permit No. 04-24-N-OP-0236 as Appendix E to the special provisions and contractor shall adhere to all requirements within the permit and apply for Caltrans rider permit and pay all applicable fees.

- 9) Add to Section 77. Local Infrastructure, to the Special Provisions, as follows:
Add to 77-7 City Project Coordination:
There are other city projects that are or will be taking place during this project. These projects are: Annual Street Resurfacing And Preventative Maintenance (Hopyard & Gibraltar) , Curb and Gutter Removal/Replacement project, the Annual Slurry Sealing project, and Water PS Improvement at Hopyard & Stoneridge Drive. The Contractor shall coordinate and make reasonable adjustments to their schedule if necessary to minimize the conflicts and impacts for the same work area. Contact information for other City projects will be provided at the preconstruction meeting.

- 10) Modify Section 87 Electrical System, to the Special Provisions, as follows:
Add to section 23-01.M.28 following:
All traffic loops shown on signal modification plan and additional areas affected by pavement milling (33 Type A & 16 Type D, loops) and overlay operation shall be included in the payment under signal installation. No additional compensation will be provided for removal and replacement of traffic loops.

Question and Answer:

Please confirm the cold planing and overlay thickness. Are there different cold planing sections priced under the same bid item COLD PLANE ASPHALT CONCRETE PAVEMENT ?

Cold planing and overlay thickness for Owens Drive as shown on plan sheet 25 shall be (t= 0.17'). Cold planing and overlay thickness for Hopyard Road shall be (t=0.15'). Different cold planing sections are under the same bid item under COLD PLANE ASPHALT CONCRETE PAVEMENT.

Please provide location, dimensions and details for Bid Item Concrete Stepping pads.

Refer to the plan sheet 33 for location, dimensions and details for Concrete Stepping pads.

Where is the Item # 32, 2" PVC Pipe 700 LF located on plans ?

Refer to the sheet 27, under Section K-K.

All other items of work in the contract document remain unchanged. Acknowledgement and a signed copy of this Addendum shall be included in the Bid Proposal.



Adam Nelkie
City Engineer

ACKNOWLEDGED:

Company

Date: _____

By: _____

Title: _____

END OF ADDENDUM NO. 1

Attachment

Updated Bid Proposal

BID PROPOSAL

Hopyard Road and Owens Drive Intersection Improvements Project No. 15525

DATE: _____

Proposal of _____ (hereinafter called "Bidder") a _____ organized and existing under the laws of the State _____, doing business as _____, to the City of Pleasanton, City Clerk, 123 Main Street, Pleasanton, California (hereinafter called "City").

Ladies and Gentlemen:

The Bidder, in compliance with the invitation for bids for the **HOPYARD ROAD AND OWENS DRIVE INTERSECTION IMPROVEMENTS, PROJECT NO. 15525**, City of Pleasanton, having examined the Plans and Specifications and related documents and the premises of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and supplies, declares that this proposal is made without collusion with any other person, firm or corporation and agrees to construct the project in accordance with the contract documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Bid Proposal is a part.

Bidder shall agree to commence work under this Contract within fifteen (15) calendar days after the date of written "Notice to Proceed" and fully complete the project within one-hundred-eighty (**180**) working days after start of work. Bidder shall pay as liquidated damages in the sum of **\$4,800.00** per calendar day should the successful Bidder fail to complete the work within this time limit unless the successful Bidder is granted a time extension.

Bidder acknowledges receipt of the following addendum:

<u>No.</u>	<u>Date</u>	<u>No.</u>	<u>Date</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Bidder to perform all of the work described in the Contract Documents for the total bid amount entered.

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
1	1	LS	CONSTRUCTION STAKING		
2	1	LS	LEAD COMPLIANCE PLAN		
3	1	LS	CONSTRUCTION AREA SIGNS		
4	1	LS	TRAFFIC CONTROL SYSTEM		
5	1	EA	TYPE III BARRICADE		
6	140	SQFT	TEMPORARY PAVEMENT MARKING (PAINT)		
7	12500	LF	TEMPORARY TRAFFIC STRIPE (PAINT)		
8	50	EA	CHANNELIZER (SURFACE MOUNTED)		
9	230	EA	TEMPORARY PAVEMENT MARKER		
10	600	LF	TEMPORARY RAILING (TYPE K)		
11	1	EA	TEMPORARY ALTERNATIVE CRASH CUSHION		
12	1	LS	JOB SITE MANAGEMENT		
13	1	LS	PREPARE WATER POLLUTION CONTROL PROGRAM		
14	23	EA	RAIN EVENT ACTION PLAN		
15	7	EA	STORM WATER SAMPLING AND ANALYSIS DAY		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
16	1	EA	STORM WATER ANNUAL REPORT		
17	19	EA	TEMPORARY DRAINAGE INLET PROTECTION		
18	490	LF	TEMPORARY FIBER ROLL		
19	1	LS	STREET SWEEPING		
20	1	LS	VIBRATION MONITORING PLAN		
21	1	LS	CLEARING AND GRUBBING (LS)		
22	28	EA	REMOVE TREE		
23	1400	CY	ROADWAY EXCAVATION		
24	76	CY	STRUCTURE EXCAVATION (SOUND WALL) (F)		
25	21	CY	STRUCTURE BACKFILL (SOUND WALL) (F)		
26	140	SQFT	DECOMPOSED GRANITE		
27	9700	SQFT	LANDSCAPE SOIL PREPARATION		
28	1	LS	PLANTING		
29	1	LS	MULCH		
30	1	LS	LANDSCAPE MAINTENANCE		
31	1	LS	IRRIGATION		
32	700	LF	2" PVC INSPECTION PIPE (SOUND WALL)		
33	125	CY	IMPORTED TOPSOIL (CY)		
34	740	CY	CLASS 4 AGGREGATE SUBBASE		
35	400	CY	CLASS 2 AGGREGATE BASE (CY)		
36	7500	SQFT	PARKING AREA SEAL		
37	3290	TON	HOT MIX ASPHALT (TYPE A)(1/2")		
38	400	TON	HOT MIX ASPHALT (TYPE A)(3/4")		
39	28550	SQYD	COLD PLANE ASPHALT CONCRETE PAVEMENT		
40	324	LF	24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
41	30	CY	STRUCTURAL CONCRETE, PILE CAP (F)		
42	11444	LB	BAR REINFORCING STEEL, RETAINING WALL (SOUND WALL) (F)		
43	540	SQFT	SOUND WALL (MASONRY BLOCK) (F)		
44	125	LF	12" REINFORCED CONCRETE PIPE		
45	5	LF	24" REINFORCED CONCRETE PIPE		
46	5	LF	3" SUBDRAIN		
47	1510	LF	4" SUBDRAIN		
48	6	EA	OFFSITE DRAIN THROUGH CURB		
49	4	EA	DRAINAGE INLET		
50	100	LF	REMOVE PIPE (LF)		
51	4	EA	REMOVE CATCH BASIN		
52	1	EA	ADJUST INLET		
53	3	EA	ADJUST CAPPED SD MANHOLE TO GRADE		
54	2200	LF	MINOR CONCRETE (CURB) (LF)		
55	1100	LF	MINOR CONCRETE (CURB AND GUTTER) (LF)		
56	60	SQYD	MINOR CONCRETE (DRIVEWAY) (SQYD)		
57	600	SQYD	MINOR CONCRETE (SIDEWALK) (SQYD)		
58	100	SQYD	MEDIAN AND ISLAND CONCRETE (SQYD)		
59	180	SQYD	MINOR CONCRETE (SIDEWALK) (SQYD) (HACIENDA BUSINESS PARK DETAIL)		
60	2080	LF	REMOVE CONCRETE CURB (LF)		
61	200	SQYD	REMOVE CONCRETE SIDEWALK (SQYD)		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
62	160	SQYD	REMOVE CONCRETE ISLAND (PORTIONS) (SQYD)		
63	35	SQYD	REMOVE CONCRETE DRIVEWAY (SQYD)		
64	1170	LF	REMOVE CONCRETE (CURB AND GUTTER)		
65	3	EA	ADJUST CITY WATER VALVE TO GRADE		
66	8	EA	LOWER AND RAISE SD MANHOLE FRAME AND COVER		
67	9	EA	LOWER AND RAISE CITY SS MANHOLE FRAME AND COVER		
68	25	EA	LOWER AND RAISE CITY WATER VALVE		
69	10	EA	LOWER AND RAISE DETECTOR HANDHOLE COVER		
70	180	SQFT	PAINT CURB (2-COAT)		
71	140	LF	REMOVE CHAIN LINK FENCE		
72	240	EA	PAVEMENT MARKER (RETROREFLECTIVE)		
73	4	EA	OBJECT MARKER		
74	2	EA	REMOVE ROADSIDE SIGN		
75	7	EA	RELOCATE ROADSIDE SIGN-ONE POST		
76	9	EA	ROADSIDE SIGN - ONE POST		
77	160	LF	CONCRETE BARRIER (TYPE 836SV)		
78	1300	LF	DETAIL 9		
79	7300	LF	DETAIL 12		
80	1300	LF	DETAIL 25		
81	900	LF	DETAIL 37B		
82	2700	LF	DETAIL 38		
83	760	LF	DETAIL 38A		
84	4300	LF	DETAIL 39		
85	1700	LF	DETAIL 39A		
86	770	LF	DETAIL 40		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
87	730	LF	4" WHITE THERMOPLASTIC STRIPE		
88	620	LF	12" WHITE THERMOPLASTIC STRIPE		
89	14	EA	FIRE HYDRANT MARKER		
90	1800	SQFT	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING		
91	4900	SQFT	GREEN PAINT (BIKE LANE)		
92	11400	LF	REMOVE THERMOPLASTIC TRAFFIC STRIPE		
93	800	SQFT	REMOVE THERMOPLASTIC PAVEMENT MARKING		
94	1	LS	MODIFYING LIGHTING SYSTEMS		
95	1	LS	SIGNAL INSTALLATION		
96	10000	SQFT	BASE REPAIR (DIG OUT 6 INCHES)		
97	6000	SQFT	BASE REPAIR (DIG OUT 4 INCHES)		
98	65	LF	METAL FENCE - TYPE A		
99	19	LF	METAL FENCE - TYPE B		
100	2	EA	METAL GATE		
101	1	LS	STUCCO		
102	1	LS	CONCRETE STEPPING PADS		
103	280	LF	FURNISH AND INSTAL 1-1/2" PVC CONDUIT		
104	1	LS	RELOCATE TRAFFIC PULL BOX		
105	1	LS	ADJUST TRAFFIC PULL BOX		
106	1	LS	MOBILIZATION		
TOTAL				\$	

(F) Denotes Final Pay Item

Note: The Bidder acknowledges that the total amount set forth above is for the entire project as represented by the Contract Documents regardless of itemization.

Attached is a bid guaranty bond duly completed by a guaranty company authorized to carry on business in the State of California in the amount of at least ten percent (10%) of the total amount of the bid, or alternately, there is attached a certified or cashier's check payable to the City in the amount of at least ten percent (10%) of the total amount of the bid.

If this Bid Proposal is accepted, bidder agrees to sign the contract and to furnish the performance bond, labor and materials bond, maintenance bond, and the required evidences of insurance within ten (10) working days after receiving written notice of the award of the contract. If bidder fails to contract as provided herein or fails to provide the bonds and/or evidence of insurance, the City may at its option, determine the acceptance thereof shall be null and void, and the forfeiture of such security accompanying this Bid Proposal shall operate and the same shall be the property of the City of Pleasanton.

This Bid Proposal shall be good and may not be modified, withdrawn or canceled for a period of ninety (90) calendar days after the date of the City's opening of bids.

Bidder hereby certifies that the licensing information hereinafter stated is true and correct. Bidder further agrees, if the bid is accepted and a contract for performance of the work is entered into with the City, to so plan work and to prosecute it with such diligence that the work shall be completed within the time stipulated in the agreement. Under the penalty of perjury bidder affirms that, to the best of bidder's knowledge, the representations made in this bid are true.

Bidders are required by law to be licensed and regulated by the contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board.

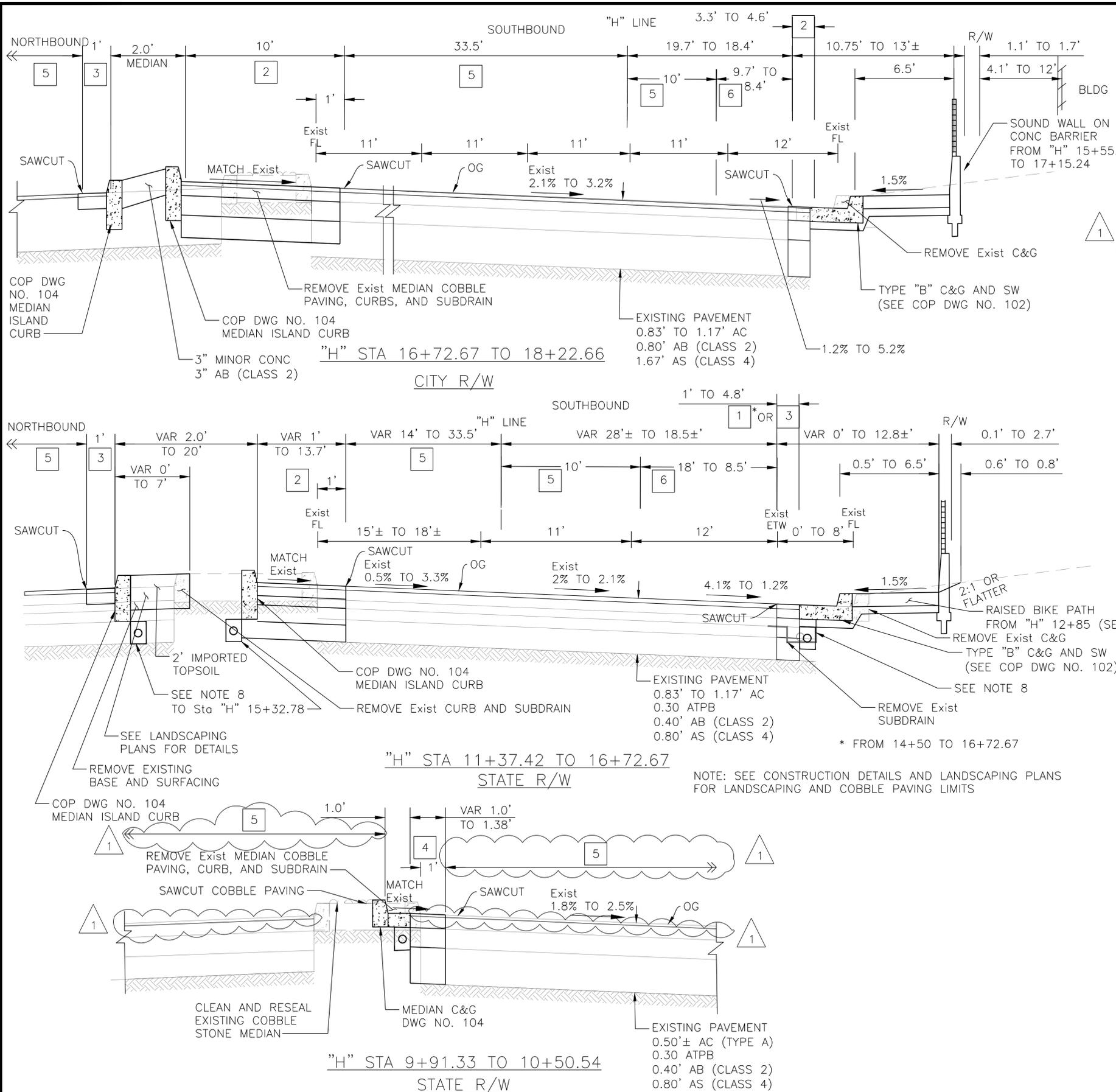
It is a misdemeanor for any person to submit a bid to a public agency in order to engage in the business or act in the capacity of a contractor within this state without having a license therefor, except for specific cases outlined in Business and Professions Code, Section 7028.15.

_____ Name of Bidder	_____ Contractor's License Number
_____ Signature of Bidder	_____ Expiration Date
_____ Print Name	_____ Address of Bidder
_____ Title of Signatory	_____ (_____)_____
_____ State of Incorporation	_____ Telephone Number
_____ DIR Registration Number	_____ Contractor's Email Address

Attachment

Updated Plan Sheets

M:\CCO_Client\ Pleasanton\222-100 Hopyard and Owens Intersection Improvements\500-Design\505 - CADD Files\Sheets\Addendum\222-100 - Typical Section.dwg 1:24-24 05:59pm Jackson Kravets



NOTES:

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SEE LAYOUT PLANS FOR LIMITS OF CURBS AND MEDIAN PAVING.
- SEE SHEETS 7, 8, 9, 10, AND CITY OF PLEASANTON DETAILS FOR CURB RAMP, ISLAND, CURB, GUTTER AND SIDEWALK DETAILS.
- WHERE WIDENING THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT THROUGH BASE LAYER.
- SEE CONSTRUCTION DETAILS SHEETS 13 THROUGH 15 FOR LIMITS OF PAVEMENT WIDENING AND SAWCUT LIMITS.
- ALL DETAILS PER CITY OF PLEASANTON STANDARD DETAILS UNLESS OTHERWISE NOTED.
- SLURRY SEAL PAVEMENT FROM 8+40 TO 11+27.96 AND 20+21.24 TO 28+78 BEFORE PLACEMENT OF FINAL STRIPING. SEE SHEET 23. REPLACE SLURRY TREATMENT FROM STA 8+40 TO STA 11+27.96 AND STA 20+21.24 TO STA 28+78 WITH COLD PLANE AND OVERLAY TREATMENT ON HOPYARD ROAD. REFER TO SHEET 37(A1-7) AND REVISED SHEETS FOR OVERLAY AND STRIPING DETAILS.
- SEE COP DWG NO. 104 FOR MEDIAN SUBDRAIN DETAILS, INCLUDING PERFORATED PIPE, FILTER FABRIC, PERMEABLE MATERIAL AND WATER BARRIER AND COP DWG NO. 209 FOR C&G SUBDRAIN INCLUDING PERFORATED PIPE AND PERMEABLE MATERIAL.

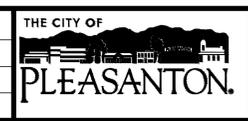
PAVEMENT STRUCTURAL SECTION:

- | | |
|---|--|
| <p>1 0.15' 1/2" HMA (TYPE A) OVERLAY
0.35' 3/4" HMA (TYPE A)</p> <p>2 0.15' 1/2" HMA (TYPE A)
0.35' 3/4" HMA (TYPE A)
0.80' AB (CLASS 2)
1.60' AS (CLASS 4)</p> | <p>3 0.15' 1/2" HMA (TYPE A)
0.35' 3/4" HMA (TYPE A)</p> <p>4 0.67' 1/2" HMA (TYPE A)
0.67' AB (CLASS 2)</p> <p>5 0.15' COLD PLANE AC PAV
0.15' 1/2" HMA (TYPE A)</p> <p>6 0.15' COLD PLANE AC PAV
Var (0.15'-0.50') 1/2" HMA (TYPE A)</p> |
|---|--|

NOTE: SEE CONSTRUCTION DETAILS AND LANDSCAPING PLANS FOR LANDSCAPING AND COBBLE PAVING LIMITS


 PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE: 02/29/2024


REV.	DATE	DESCRIPTION
1	2/29/24	ADDENDUM #1

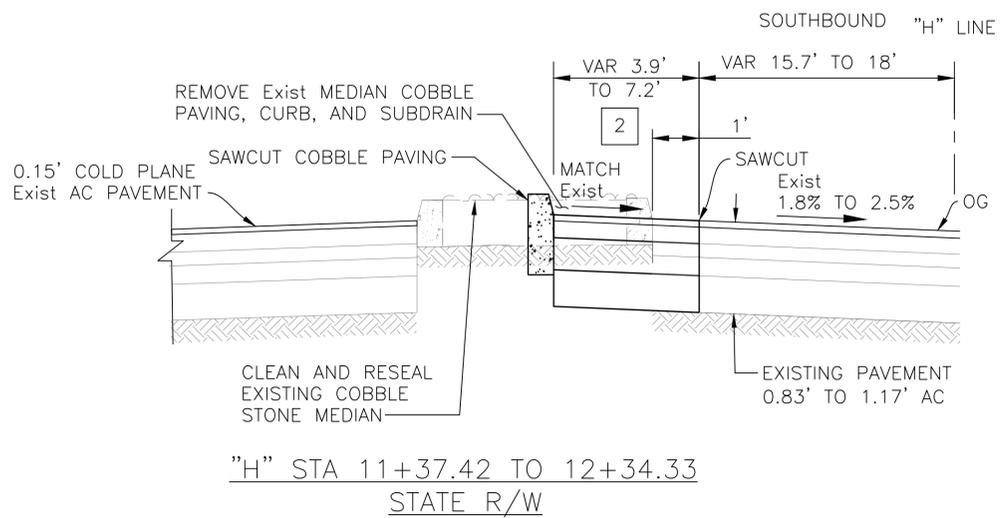
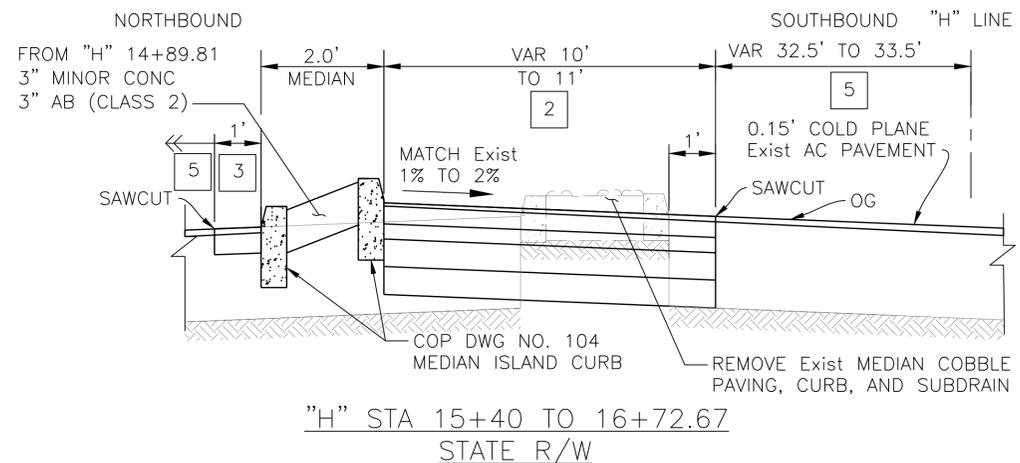
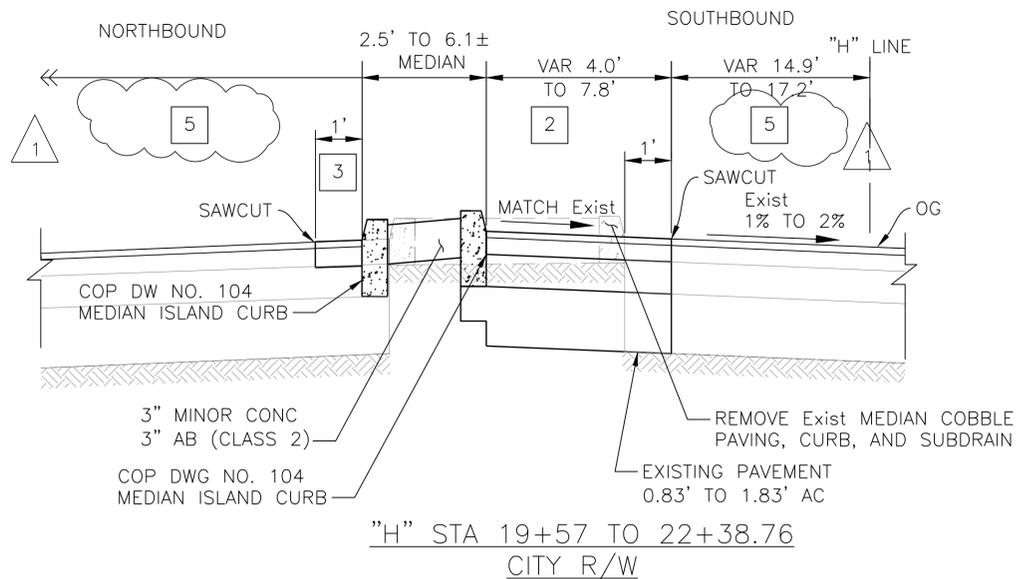


CITY OF PLEASANTON
Public Works Department

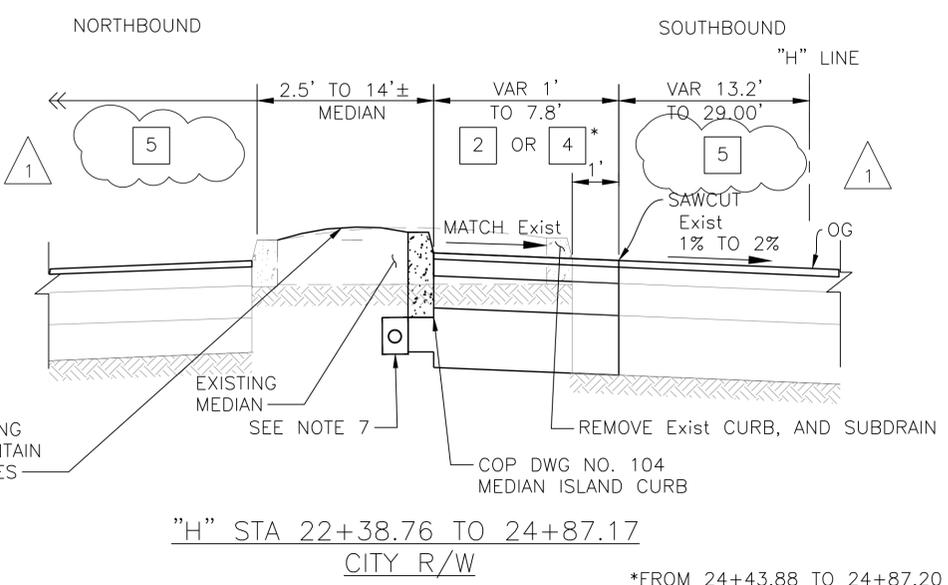
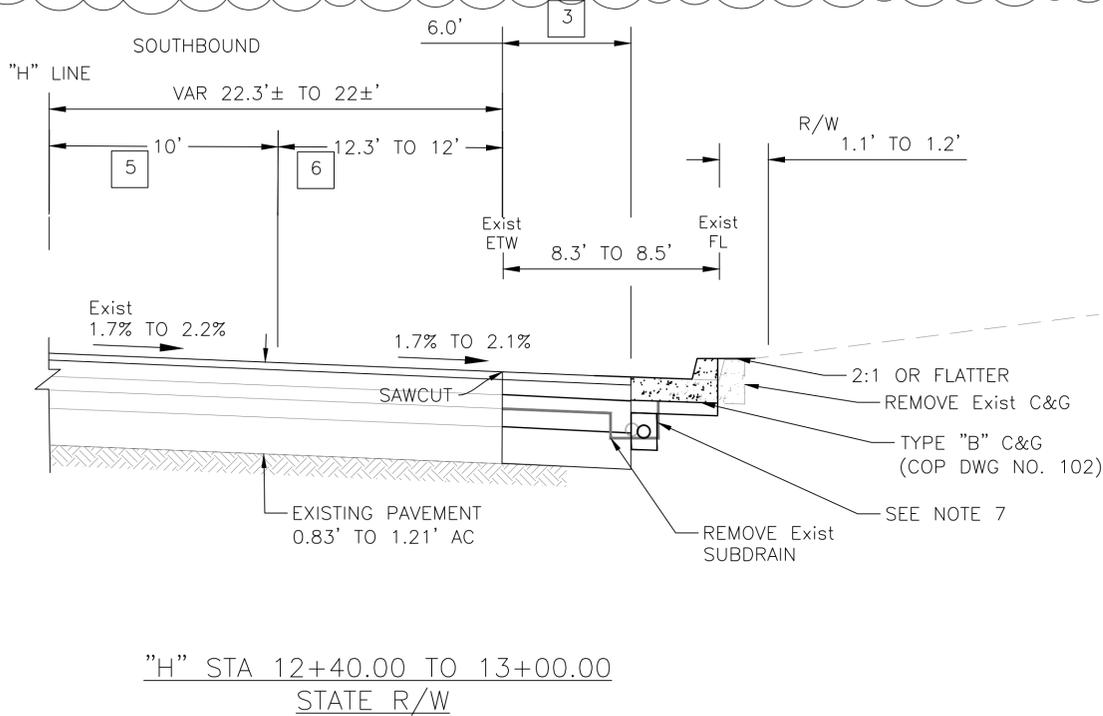


HOPYARD AND OWENS INTERSECTION IMPROVEMENT - CIP #15525
TYPICAL SECTIONS

DESIGN:	BK	SCALE:	NTS	DWG NO.
DRAWN:	JK	PROJECT NO.:	CIP-15525	
CHECKED:	MB	DATE:	AUGUST 2023	3 OF 36



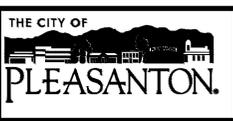
- NOTES:
- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
 - SEE LAYOUT PLANS FOR LIMITS OF CURBS AND MEDIAN PAVING.
 - SEE SHEET 7, 8, 9, 10 AND CITY OF PLEASANTON DETAILS FOR CURB RAMP, ISLAND, CURB, GUTTER AND SIDEWALK DETAILS.
 - WHERE WIDENING THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT THE EXISTING PAVEMENT THROUGH BASE LAYER.
 - SEE CONSTRUCTION DETAILS SHEETS 13 THROUGH 15 FOR LIMITS OF PAVEMENT WIDENING AND SAWCUT LIMITS.
 - ALL DETAILS PER CITY OF PLEASANTON STANDARD DETAILS UNLESS OTHERWISE NOTED.
 - SEE COP DWG NO. 104 FOR MEDIAN SUBDRAIN DETAILS, INCLUDING PERFORATED PIPE, FILTER FABRIC, PERMEABLE MATERIAL AND WATER BARRIER AND COP DWG NO. 209 FOR C&G SUBDRAIN INCLUDING PERFORATED PIPE AND PERMEABLE MATERIAL.
 - REPLACE SLURRY TREATMENT FROM STA 8+40 TO STA 11+27.96 AND STA 20+21.24 TO STA 28+78 WITH COLD PLANE AND OVERLAY TREATMENT ON HOPYARD ROAD. REFER TO SHEET 37(A1-7) AND REVISED SHEETS FOR OVERLAY AND STRIPING DETAILS.




 PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE: 02/29/2024


M:\CCO_Client\ Pleasanton\222-100 Hopyard and Owens Intersection Improvements\500-Design\505-CADD Files\Sheets\Addendum\222-100-Typical Section.dwg\1-24-24 05:59pm Jackson.Kravets

REV.	DATE	DESCRIPTION
1	2/29/24	ADDENDUM #1



CITY OF PLEASANTON
 Public Works Department

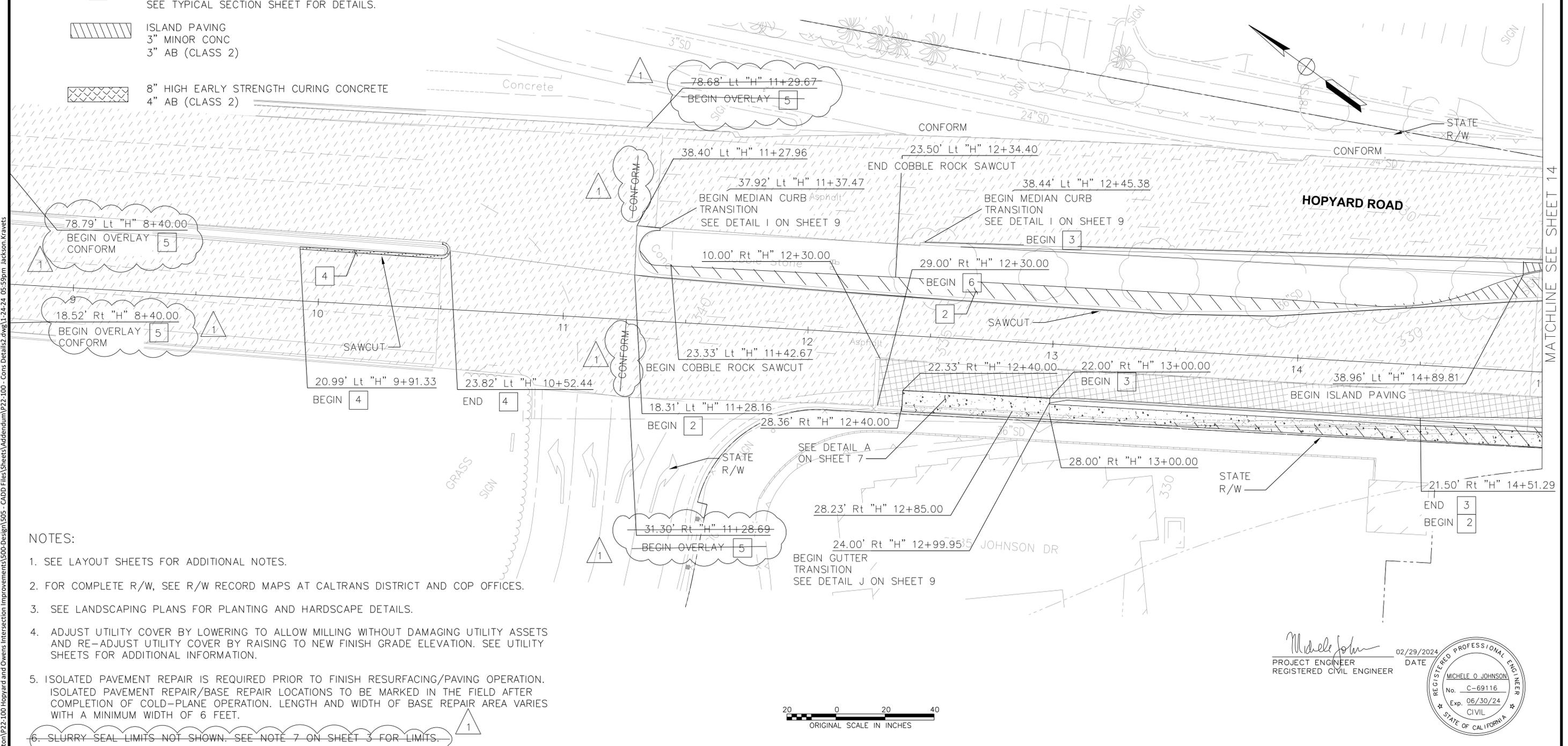


HOPYARD AND OWENS INTERSECTION IMPROVEMENT - CIP #15525
 TYPICAL SECTIONS

DESIGN:	BK	SCALE:	NTS	DWG NO.
DRAWN:	JK	PROJECT NO.:	CIP-15525	
CHECKED:	MB	DATE:	AUGUST 2023	4 OF 36

LEGEND:

- 6 0.15' COLD PLANE AC PAV
Var (0.15'-0.50') 1/2" HMA (TYPE A)
- 5 0.15' COLD PLANE AC PAV
0.15' 1/2" HMA (TYPE A)
- HACIENDA BUSINESS PARK SIDEWALK DETAIL SEE SHEET 10
- CONCRETE RAISED BIKE PATH AND SIDEWALK
SEE COP DWG NO. 102
- # STRUCTURAL SECTION NUMBER
SEE TYPICAL SECTION SHEET FOR DETAILS.
- ISLAND PAVING
3" MINOR CONC
3" AB (CLASS 2)
- 8" HIGH EARLY STRENGTH CURING CONCRETE
4" AB (CLASS 2)

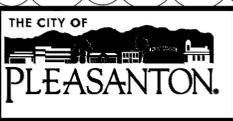


NOTES:

1. SEE LAYOUT SHEETS FOR ADDITIONAL NOTES.
2. FOR COMPLETE R/W, SEE R/W RECORD MAPS AT CALTRANS DISTRICT AND COP OFFICES.
3. SEE LANDSCAPING PLANS FOR PLANTING AND HARDSCAPE DETAILS.
4. ADJUST UTILITY COVER BY LOWERING TO ALLOW MILLING WITHOUT DAMAGING UTILITY ASSETS AND RE-ADJUST UTILITY COVER BY RAISING TO NEW FINISH GRADE ELEVATION. SEE UTILITY SHEETS FOR ADDITIONAL INFORMATION.
5. ISOLATED PAVEMENT REPAIR IS REQUIRED PRIOR TO FINISH RESURFACING/PAVING OPERATION. ISOLATED PAVEMENT REPAIR/BASE REPAIR LOCATIONS TO BE MARKED IN THE FIELD AFTER COMPLETION OF COLD-PLANE OPERATION. LENGTH AND WIDTH OF BASE REPAIR AREA VARIES WITH A MINIMUM WIDTH OF 6 FEET.
6. SLURRY SEAL LIMITS NOT SHOWN. SEE NOTE 7 ON SHEET 3 FOR LIMITS.

PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE: 02/29/2024

REV.	DATE	DESCRIPTION
1	2/29/24	ADDENDUM #1



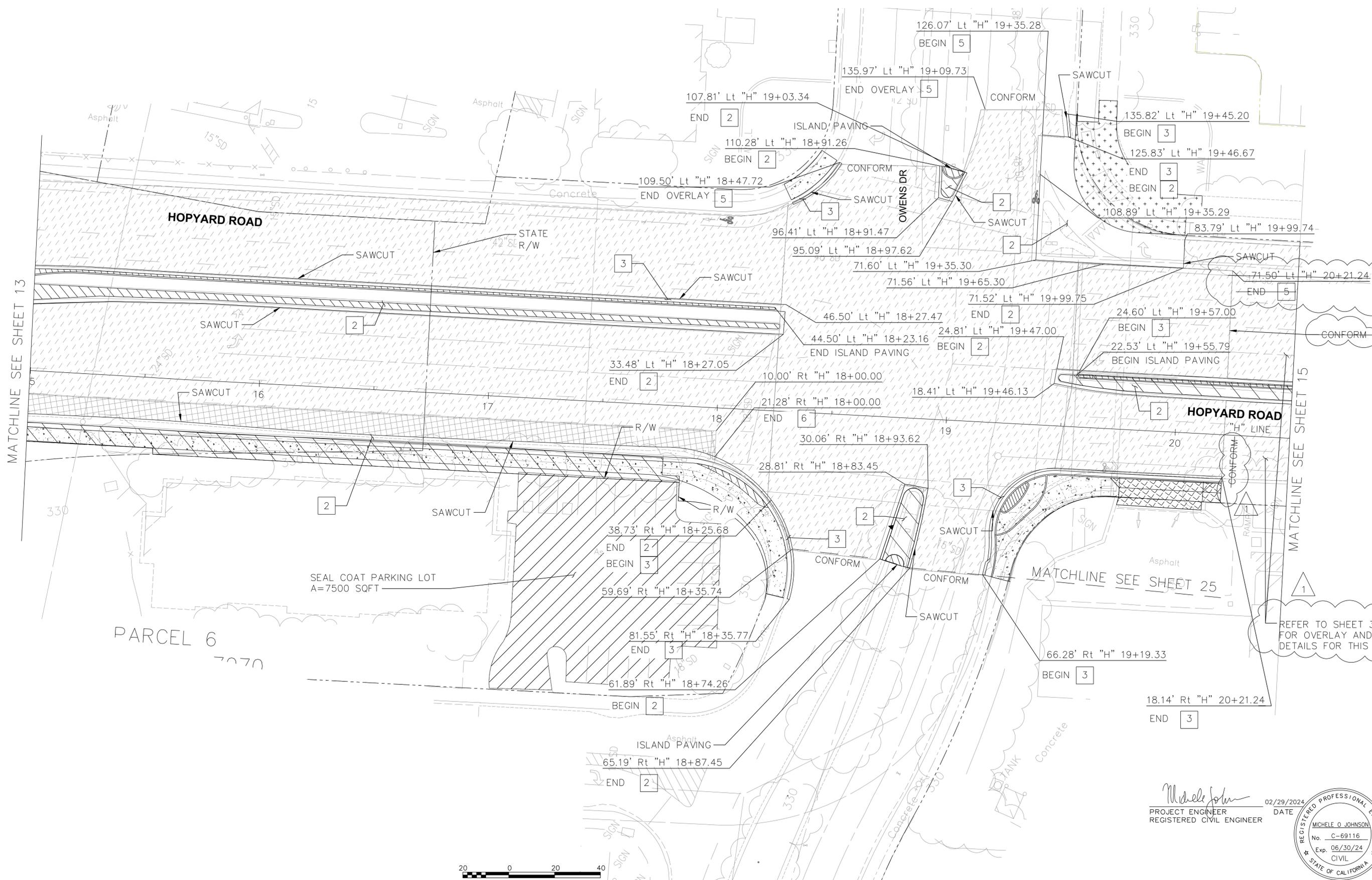
CITY OF PLEASANTON
 Public Works Department



HOPYARD AND OWENS INTERSECTION IMPROVEMENT - CIP #15525
 CONSTRUCTION DETAILS - PAVEMENT STRUCTURAL SECTION & OVERLAY

DESIGN:	BK	SCALE:	1" = 20'	DWG NO.
DRAWN:	JK	PROJECT NO.:	CIP-15525	
CHECKED:	MB	DATE:	AUGUST 2023	13 OF 36

M:\CCO_Client\ Pleasanton\22-100 Hopyard and Owens Intersection Improvements\500-Design\505 - CADD Files\Sheets\Addendum\22-100 - Cons Details.dwg, 24-24 05:59pm Jackson, Kravets



MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 15

MATCHLINE SEE SHEET 25

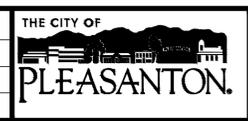
REFER TO SHEET 37(A1-7) FOR OVERLAY AND STRIPING DETAILS FOR THIS AREA



Michele Johnson
PROJECT ENGINEER
REGISTERED CIVIL ENGINEER
DATE 02/29/2024



REV.	DATE	DESCRIPTION
1	2/29/24	ADDENDUM #1



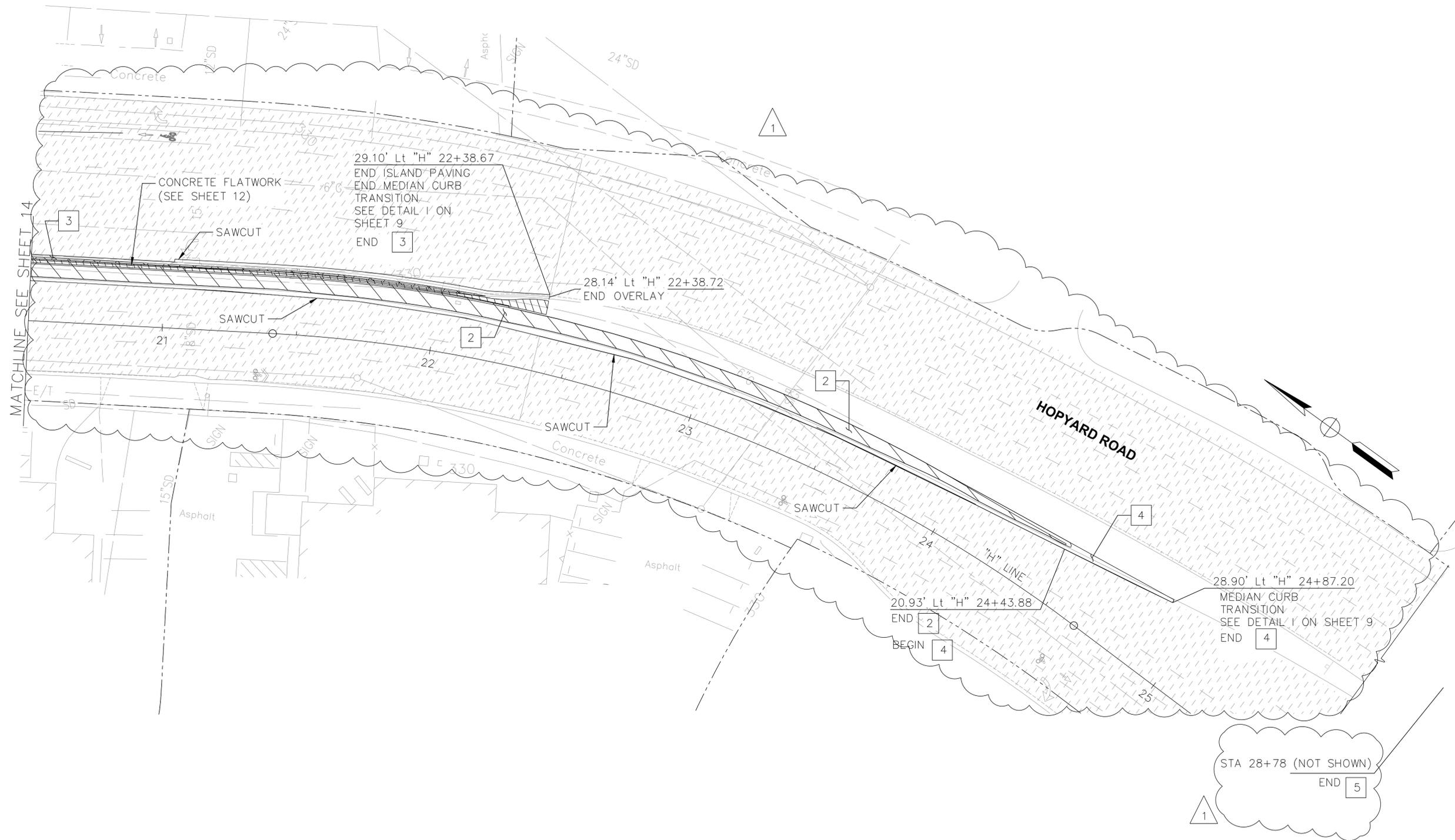
CITY OF PLEASANTON
Public Works Department



HOPYARD AND OWENS INTERSECTION IMPROVEMENT - CIP #15525
CONSTRUCTION DETAILS - PAVEMENT STRUCTURAL SECTION & OVERLAY

DESIGN:	BK	SCALE:	1" = 20'	DWG NO.
DRAWN:	JK	PROJECT NO.:	CIP-15525	
CHECKED:	MB	DATE:	AUGUST 2023	14 OF 36

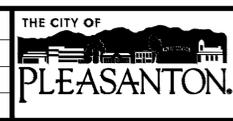
M:\CCO_Client\ Pleasanton\22-100 Hopyard and Owens Intersection Improvements\500-Design\505 - CADD Files\Sheets\Addendum\22-100 - Cons Details.dwg 24-24 05:59pm Jackson.Kravets




 PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE 02/29/2024




REV.	DATE	DESCRIPTION
1	2/29/24	ADDENDUM #1



CITY OF PLEASANTON
 Public Works Department



HOPYARD AND OWENS INTERSECTION IMPROVEMENT - CIP #15525
 CONSTRUCTION DETAILS - PAVEMENT STRUCTURAL SECTION & OVERLAY

DESIGN:	BK	SCALE:	1" = 20'	DWG NO.
DRAWN:	JK	PROJECT NO.:	CIP-15525	
CHECKED:	MB	DATE:	AUGUST 2023	15 OF 36

Attachment

Appendix E

Copy of Caltrans Encroachment Permit

ENCROACHMENT PERMIT

DOT TR-0120 (REV 05/2023)

Permit No.
04-24-N-OP-0236In compliance with your application of February 14, 2024Dist/Co/Rte/PM
04/ALA/580/PM 19.86

Reference Documents:

Permit Approval Date
February 28, 2024 Utility Notice No. _____ of _____Performance Bond Amount (1)
\$0Payment Bond Amount (2)
\$0 Agreement No. _____ of _____ R/W Contract No. _____ of _____Bond Company
\$ N/A Project code (ID): 0422000331 CFC #: _____Bond Number (1)
\$ N/ABond Number (2)
\$ N/A Applicant's Reference/ Utility Work Order No. CIP 15525TO: CITY OF PLEASANTON
C/O: Michele Johnson
344 Thomas Berkley Way
Oakland CA 94612
(925)939-7100

, PERMITEE

and subject to the following, PERMISSION IS HEREBY GRANTED to:

Widen Hopyard Road to provide a dedicated southbound right turn lane between the eastbound off-ramp and the Owens Drive intersection. Dedicated bicycle facilities will be added, along with a sound wall, striping, excavation of existing roadway and medians, landscaping and irrigation modification, tree removal, drainage improvements, installation of a raised concrete bike facility, raised median, cold planning, HMA overlay, slurry seal, and pavement delineation will be improved (EA 04-0Y730, Project ID 0422000331), on State Highways 04-ALA-580 Post Mile 19.86 in the City of Pleasanton.

A minimum of 7 days prior to the start of work under this encroachment permit, notice must be given to State Representative Wondwosen Alemayehu, 5675 Gibraltar Dr. #B, Pleasanton, CA. 94588 at wondwosen.alemayehu@dot.ca.gov or (510) 385-5768, weekdays between 7:00 a.m. and 3:30 p.m., excluding holidays.

Notwithstanding General Provision 35, lane closures and other activities that may cause a traffic impact require the permittee to apply for and obtain a closure ID prior to the start of work. Requests must be submitted using the attached "Encroachment Permit Work Scheduling Request

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.

The following attachments are also included as part of this permit (check applicable):

- YES NO General Provisions
 YES NO Utility Maintenance Provisions
 YES NO Storm Water Special Provisions
 YES NO Special Provisions
 YES NO A Cal-OSHA Permit, if required: Permit No. _____
 YES NO As-Built Plans Submittal Route Slip for Locally Advertised Projects
 YES NO Storm Water Pollution Protection Plan

In addition to fee, the permittee will be billed actual costs for:

- YES NO Review
 YES NO Inspection
 YES Field Work
(if any Caltrans effort expended)

As-built Plans are Required

- YES NO

 YES NO The information in the environmental documentation has been reviewed and considered prior to approval of this permit.This permit is void unless the work is completed before December 31, 2024

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.

No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

CC:
#1: DAVID L DESPAIN
#2: WONDWOSEN ALEMAYEHU
#3: MITCHELL TIRADO
#4: MARCOS D MORALES PARRA

APPROVED:

Dina El-Tawansy, District Director

BY

Mohammad Dastmalchian

Mohammad Dastmalchian, District Permit Engineer

ADA Notice

This document is available in alternative accessible formats. For more information, please contact the Forms Management Unit at (279) 234-2284, TTY 711, in writing at Forms Management Unit, 1120 N Street, MS-89, Sacramento, CA 95814, or by email at Forms.Management.Unit@dot.ca.gov.

In addition to the 2023 Standard Specifications and Standard Plans (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>), project special provisions, the attached "Encroachment Permit General Provisions" (TR-0045), (available at <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/ep-general-provisions-a11y.pdf>), and "Hazardous Materials and Hazardous Waste Management Special Provisions" (TR-0408), (available at <https://dot.ca.gov/programs/traffic-operations/ep/ep-manual/>), all work permitted herein must comply with the following provisions:

Certain details of work authorized herein are shown on the plans and specifications submitted by the permittee, for the proposed project and attached to this encroachment permit.

A pre-job meeting with the State Oversight Representative is required at least 7 days prior to the start of any work under this permit. Failure to do so may result in permit revocation with no prejudice.

The permittee must provide the stage construction plans, traffic handling plans, work schedule, and a list of all sub-contractors to the State Oversight Representative at the time of the pre-job meeting.

Work must not start until the documents listed below have been submitted to, reviewed by, and approved by Caltrans. This permit is conditionally issued without the documents listed below, at the request of Permittee. The Permittee acknowledges and will ensure that the following documents will be submitted to Caltrans for review and approval prior to scheduling authorized work/activities:

- TR-0429 "Encroachment Permit Applicant: Contractor(s) Authorization Form"
- The Traffic Control Plans, stamped and signed by a California Licensed Professional Engineer.

Non-compliance with this provision may result in Caltrans taking actions including but not limited to canceling this permit without further notice, requiring bonds, and/or not providing such conditional approvals for the Permittee on future projects.

The permittee must furnish to the State Oversight Representative a completed "Notice of Materials to be Used" (CEM-3101) (available at <https://dot.ca.gov/programs/construction/forms>) for all manufactured or fabricated materials delivered to a work site if the State will own it upon completion of work. Such material includes, but is not limited to, all electrical components of signals, State-owned lighting, metal poles, mast arms, foundation bolts, and signs. These materials require source inspection and approval by the State. Materials not inspected and approved by the State will be rejected from use on the State highway.

The permittee must comply with the permittee's Quality Management Plan (QMP) and all the requirements for local agencies in the attached Department's:

- a. Construction Manual, including Chapter 9, Section 2 - Projects Administered by a Local Agency on the State Highway System, dated July 2019 (available at http://www.dot.ca.gov/hq/construc/constmanual/construction_manual.pdf),
- b. Construction Manual Supplement for Local Agency Resident Engineers, dated February 2017 (available at http://www.dot.ca.gov/hq/construc/constmanual/cm_supplement_lare.pdf), and
- c. Local Agency Structure Representative Guidelines, dated August 2014 (available at http://www.dot.ca.gov/hq/construc/CPDirectives/LASR_Guidelines.pdf).

Signs, lights, flags or other protective devices must not obscure the visibility of, nor conflict in intent, meaning, and function of either existing signs, lights and traffic control devices, or any construction area signs.

On conventional highways, permittee's vehicles and equipment not involved in the permitted activities must be legally located off the traveled way and not interfere with free traffic and pedestrian flow.

On freeways and expressways, permittee's vehicles and equipment not involved in the permitted activities must be legally located outside the State highway right-of-way.

No vehicle or equipment must be stored overnight within the State highway right-of-way. All vehicles and equipment must be removed immediately at the completion of the day's work. Refueling of vehicle or equipment within the State highway right-of-way is strictly prohibited.

Traffic control must comply with the 2023 Caltrans Standard Plans T9 through T14 (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>), and the California MUTCD, Part 6, "Temporary Traffic Control" (available at <https://dot.ca.gov/programs/traffic-operations/camutcd/>).

All traffic control devices must be installed, maintained, and removed by a qualified traffic control contractor.

The State Oversight Representative and CHP reserve the right to require reopening the highway at any time as necessary. All costs must be borne by the permittee.

City of Pleasanton
0424-NOP-0236

Permittee must place public notification signs at locations designated on the permittee's signing plan a minimum of 7 calendar days before the permitted activity begins. Signs must be constructed and installed to Caltrans specifications and standards.

Except for installing, maintaining and removing traffic control devices, any work encroaching within 3 feet of the edge of a travel lane for areas with a posted speed limit below 45mph, or 6 feet of the edge of a travel lane, for areas with a speed limit posted at 45mph or higher, requires closing of that travel lane. Any work encroaching within 6 feet of the edge of the shoulder, requires closing of that shoulder.

Lane closure hours must comply with the requirements shown in the lane closure charts and the damage clause for late re-opening of lane closures.

Do not reduce an open traffic lane width to less than 11 feet. If traffic cones or delineators are used for temporary edge delineation, the side of the base of the cones or delineators nearest traffic is considered the edge of traveled way.

The State Oversight Representative and CHP reserve the right to require reopening the highway at any time as necessary. All cost must be borne by the permittee.

Traffic control using flagging, must comply with the California MUTCD, Part 6E, "Flagger Control" (available at <https://dot.ca.gov/programs/traffic-operations/camutcd/>), and Cal/OSHA Construction Safety Orders, Section 1599, "Flaggers", (available at <https://www.dir.ca.gov/title8/1599.html>).

Temporary pedestrian facilities must comply with the Caltrans Temporary Pedestrian Facilities Handbook (available at <https://dot.ca.gov/-/media/dot-media/programs/construction/documents/contract-administration/temporary-pedestrian-facilities-handbook-a11y.pdf>) and the California MUTCD Part 6, Chapter 6D – "Pedestrian and Worker Safety" (available at <http://www.dot.ca.gov/programs/traffic-operations/camutcd>).

Notwithstanding General Provision 13, temporary pedestrian access routes must comply with the 2023 Caltrans Standard Plans T30 through T34 (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

The permittee must comply with all requirements of the California Public Resource Code Sections 5024.5 and 5097.98, California Health and Safety Code Section 7050.5 (both available at <https://leginfo.ca.gov/faces/codes.xhtml>), and Volume 2 of the Caltrans Environmental Handbook (available at <https://dot.ca.gov/programs/environmentalanalysis/standard-environmental-reference-ser>).

Should ground-disturbing activities take place as part of this project within the State highway right-of-way and there is an inadvertent archaeological or burial discovery, the permittee must cease all construction within 50 feet of the find, notify the County coroner, if necessary, and immediately contact Office of Cultural Resource Studies (OCRS), Caltrans District 4 at (510) 622-1673. Upon contact, an OCRS archaeologist will evaluate the find within one business day.

Curbs and sidewalks must be saw cut to the nearest score mark and replaced equal in dimension to that removed with score marks matching existing adjacent curb and sidewalk. Pavement must be replaced in kind and must conform to lip of new gutter.

Curbs and gutters must conform to the 2023 Caltrans Standard Plan A87A, Type A2-6, (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>) unless necessary to conform to existing adjacent curb and gutter installations.

Curbs and gutters must be placed over 6 inches of Class II Aggregate Base. Sidewalks must be a minimum 4 inches PCC placed over 3 inches of Class II Aggregate Base.

A monolithic pour of curb and sidewalk is not permitted.

Drainage inlet grates must conform to the 2023 Caltrans Standard Plans D77A and D77B (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Utility pull boxes, manholes, vaults, and other utility facilities must be adjusted to grade.

Streets and highways in the San Francisco Bay Area contain a significant number of existing underground utilities. This includes traffic signal conduits that are installed nine (9) inches or less in depth. The permittee is responsible for necessary site investigations for identification of the location and depth of existing underground facilities prior to excavation (e.g., pothole or hand-dig) to avoid damage or disruption in services.

All pavement must be saw cut prior to removal, or removed by grinding.

Obliterated pavement markings must be replaced in kind.

City of Pleasanton
0424-NOP-0236

All signs and markings must comply with the California MUTCD (available at <http://www.dot.ca.gov/programs/traffic-operations/camutcd>)

Where Asphalt Concrete (AC) has been placed, temporary painted traffic striping and pavement markings must be installed within 24 hours. Where shown on the plans, after 30 days curing time, thermoplastic materials must be applied in accordance with the 2023 Caltrans Standard Specifications, Section 84, "Markings" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Pavement construction within the State right-of-way must comply with the 2023 Caltrans Standard Specifications, Section 39, "Asphalt Concrete," and Section 39-2, "Hot Mix Asphalt" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Trench excavation must comply with the 2023 Caltrans Standard Specifications, Section 19-3, "Structure Excavation and Backfill" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Trench backfill must comply with the attached trench detail and the 2023 Caltrans Standard Specifications, Section 19.3.02E, "Slurry Cement Backfill", and 19-3.02G, "Controlled Low-Strength Material".

Asphalt Concrete (AC) to be removed must be saw cut to the full depth along both sides of the trench. Portland Cement Concrete (PCC) to be removed must be saw cut to a minimum depth of 4 inches along both sides of the trench.

Where the edge of trench is within 2 feet of curb, gutter, or pavement edge, Asphalt Concrete (AC) pavement between the trench and curb, gutter, or pavement edge must be removed and replaced.

Open trenching is authorized one lane at a time with approved traffic control.

No excavation must be left open overnight. Temporary backfilling of excavations in finished surfaces must be covered with a minimum 3 inches layer of cold asphalt concrete.

Sign installation must comply with the 2023 Caltrans Standard Plans RS1 through RS4 (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Your attention is directed to the 2023 Caltrans Standard Specification, Section 5-1.36, "Property and Facility Preservation" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>) and Business and Professions Code, Section 8771. Permittee must physically inspect the work site and locate survey monuments before work commencement. Monuments that might be disturbed must be referenced or reset in accordance with Business and Professions Code.

If feasible, monuments should not be set within the traveled way. All monuments that must be set or perpetuated in paved surfaces, must be constructed in accordance with the 2023 Caltrans Standard Specification, Section 78-2, "Survey Monuments" and the 2023 Caltrans Standard Plan A74, Type D, (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>) equal with prior approval of the District Surveys Engineer.

Copies of Corner Records filed or Record of Surveys recorded in compliance with the Business and Professions Code must be forwarded to the District Surveys Engineer.

If existing public or private utilities conflict with the construction project, permittee will make necessary arrangements with the owners of such utilities for their protection, relocation, or removal. Permittee must inspect the protection, relocation, or removal of such facilities. Total costs of such protection, relocation, or removal which State or permittee must legally pay, will be borne by permittee. If any protection, relocation, or removal of utilities is required, including determination of liability for cost, such work must be performed in accordance with State policy and procedure. Permittee must require any utility company performing relocation work in the State highway right-of-way to obtain a State Encroachment Permit before the performance of said relocation work. Any relocated utilities must be correctly located and identified on the As-Built plans.

All the permittee's personnel must wear appropriate and approved personal protective equipment per Chapter 12 of Caltrans "Safety Manual", including hard hats and bright-colored safety vests, shirts or jackets with retro-reflective material, while on the State right-of-way.

Time extension requests must be made a minimum of 30 days prior to permit expiration.

The State Oversight Representative or CHP may stop work not being performed in compliance with this permit.

Neither materials nor waste must be stockpiled within the State highway right-of-way.

All mud, dirt, and gravel tracked onto the roadway must be immediately removed.

City of Pleasanton
0424-NOP-0236

Any damage to State facilities must be repaired to the same state as before the damage and the cost of repairs must be the responsibility of the permittee.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Oversight Representative with a post-construction "Certification of Compliance with Americans with Disabilities Act (ADA)" (TR-0405) (available at <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/tr0405.pdf>), stamped and signed by a California Licensed Professional Engineer or Architect.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Oversight Representative with As-Built plans, in accordance with General Provision 22.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Oversight Representative with "Notice of Completion" (TR-0128) (available at <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/tr0128.pdf>).

Conditional Permit Requirements

1. The City must obtain approval from State Oversight Representatives for any Contract Change Orders (CCO) within the State right-of-way.

ENCROACHMENT PERMIT GENERAL PROVISIONS

TR-0045 (REV. 12/2022)

1. **AUTHORITY:** The California Department of Transportation (“Department”) has authority to issue encroachment permits under Division 1, Chapter 3, Article 1, Sections 660 through 734 of the Streets and Highways Code.
2. **REVOCACTION:** Encroachment permits are revocable on five (5) business days’ notice unless otherwise stated on the permit or otherwise provided by law, and except as provided by law for public corporations, franchise holders, and utilities. Notwithstanding the foregoing, in an emergency situation as determined by the Department, an encroachment permit may be revoked immediately. These General Provisions and any applicable Special Provisions are subject to modification or abrogation by the Department at any time. Permittees’ joint use agreements, franchise rights, reserved rights or any other agreements for operating purposes in State of California (“State”) highway right-of-way may be exceptions to this revocation.
3. **DENIAL FOR NONPAYMENT OF FEES:** Failure to pay encroachment permit fees when due may result in rejection of future applications, denial of encroachment permits, and revocation of the encroachment permit if already issued.
4. **PERMITTEE AUTHORIZATION FOR OTHERS TO PERFORM WORK:** This encroachment permit allows only the Permittee and/or Permittee’s authorized contractor or agent to work within or encroach upon the State highway right-of-way, and the Permittee may not assign or transfer this encroachment permit. Any attempt to assign or transfer this encroachment permit shall be null and void. Permittee shall provide to the Department a list of Permittee’s authorized contractors/agents, in the form and at the time specified by the Department but if no time is specified then no later than the pre-construction meeting. Permittee shall keep the list current and shall provide updates to the Department immediately upon any change to the list of authorized contractors/agents, including but not limited the addition, removal, or substitution of an authorized contractor/agent, or a new address or contact information for an existing authorized contractor/agent. Permittee is responsible for the acts and/or omissions of any person or entity acting on behalf of the Permittee, even if such person or entity is not included on Permittee’s list of authorized contractors and/or agents.
5. **ACCEPTANCE OF PROVISIONS:** Permittee, and the Permittee’s authorized contractors and/or agents, understand and agree to accept and comply with these General Provisions, the Special Provisions, any and all terms and/or conditions contained in or incorporated into the encroachment permit, and all attachments to the encroachment permit (collectively “the Permit Conditions”), for any encroachment, work, and/or activity to be performed under this encroachment permit and/or under color of authority of this encroachment permit. Permittee understands and agrees the Permit Conditions are applicable to and enforceable against Permittee as long as the encroachment remains in, under, or over any part of the State highway right-of-way. The Permittee’s authorized contractors and/or agents, are also bound by the Permit Conditions. Non-compliance with the Permit Conditions by the Permittee’s authorized contractor and/or agent will be deemed non-compliance by the Permittee.
6. **BEGINNING OF WORK:** When traffic is not impacted (see General Provision Number 35), the Permittee must notify the Department’s representative two (2) business days before starting permitted work. Permittee must notify the Department’s representative if the work is to be interrupted for a period of five (5) business days or more, unless otherwise agreed upon. All work must be performed on weekdays during regular work hours, excluding holidays, unless otherwise specified in this encroachment permit.
7. **STANDARDS OF CONSTRUCTION:** All work performed within State highway right-of-way must conform to all applicable Departmental construction standards including but not limited to: Standard Specifications, Standard Plans, Project Development Procedures Manual, Highway Design Manual and Special Provisions.
Other than as expressly provided by these General Provisions, the Special Provisions, the Standard Specifications, Standard Plans, and other applicable Departmental standards, nothing in these General Provisions is intended to give any third party any legal or equitable right, remedy, or claim with respect to the encroachment permit and/or to these General Provisions or any provision herein. These General Provisions are for the sole and exclusive benefit of the Permittee and the Department.
Where reference is made in such standards to “Contractor” and “Engineer,” these are amended to be read as “Permittee” and “Department’s representative,” respectively, for purposes of this encroachment permit.
8. **PLAN CHANGES:** Deviations from plans, specifications, and/or the Permit Conditions as defined in General Provision Number 5 are not allowed without prior approval from the Department’s representative and the Federal Highway Administration (“FHWA”) representative if applicable.
9. **RIGHT OF ENTRY, INSPECTION AND APPROVAL:** All work is subject to monitoring and inspection. The United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, and other state, and federal agencies, and the FHWA, through their agents or representatives, must have full access to highway

ENCROACHMENT PERMIT GENERAL PROVISIONS

facilities/encroachment area, at any and all times for the purpose of inspection, maintenance, activities needed for construction/reconstruction, and operation of the State highway right-of-way.

Upon completion of work, Permittee must request a final inspection for acceptance and approval by the Department. The local public agency Permittee must not give final construction approval to its contractor until final acceptance and approval by the Department is obtained.

10. **PERMIT AT WORKSITE:** Permittee and Permittee's authorized contractors/agents must keep the permit package and current list of authorized contractors/agents, or copies thereof, at the work site at all times and must show such documents upon request to any Department representative or law enforcement officer. If the permit package or current list of authorized contractors/agents, or copies thereof, are not kept and made available at the work site at all times, then all work must be suspended.
11. **CONFLICTING ENCROACHMENTS:** Permittee must yield start of work to ongoing, prior authorized work adjacent to or within the limits of the Permittee's project site. When existing encroachments conflict with Permittee's work, the Permittee must bear all cost for rearrangements (e.g., relocation, alteration, removal, etc.).
12. **PERMITS, APPROVALS, AND CONCURRENCES FROM OTHER AGENCIES AND/OR ENTITIES:** This encroachment permit is invalidated if the Permittee has not obtained all permits, approvals, and concurrences necessary and required by law, including but not limited to those from the California Public Utilities Commission ("CPUC"), California Occupational Safety and Health Administration ("Cal-OSHA"), local and state and federal environmental agencies, the California Coastal Commission, and any other public agency and/or entity having jurisdiction. Permittee is responsible for providing notice of the encroachment to, and obtaining concurrence from, any person or entity (whether public or private) affected by the scope of work described in the encroachment permit, regardless of whether such notice or concurrence is required by law; the Department is not responsible to provide such notice or obtain such concurrence. Permittee warrants all such permits, approvals, and concurrences have been obtained before beginning work under this encroachment permit. The Department may, at the Department's discretion, require the Permittee to demonstrate that Permittee has obtained all such permits, approvals, and concurrences, and Permittee shall demonstrate this at the time and in the manner specified by the Department.
13. **PEDESTRIAN AND BICYCLIST SAFETY:** A safe continuous passageway must be maintained through the work area at existing pedestrian or bicycle facilities. At no time must pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where safe alternate passageways cannot be provided, appropriate signs and barricades must be installed at the limits of construction and in advance of the limits of construction at the nearest crosswalk or intersection to detour

pedestrians to facilities across the street. Attention is directed to Section 7-1.04 "Public Safety," and to Section 12-4.04 "Temporary Pedestrian Access Routes," and to Section 16-2.02 "Temporary Pedestrian Facility," of the Department's Standard Specifications, and to California Vehicle Code section 21760, subdivision (c).

14. **PUBLIC TRAFFIC CONTROL:** The Permittee must provide traffic control protection, warning signs, lights, safety devices, etc., and take all other measures necessary for the traveling public's safety as required by law and/or the Department. While providing traffic control, the needs of all road users, including but not limited to motorists, bicyclists and pedestrians, including persons with disabilities in accordance with the Americans with Disabilities Act, must be an essential part of the work activity.
- Lane, Bike Lane, Sidewalk, Crosswalk, and/or shoulder closures must comply with the Department's Standard Specifications and Standard Plans for Temporary Traffic Control Systems & Temporary Pedestrian Access Routes, and with the applicable Special Provisions. Where issues are not addressed in the Standard Specifications, Standard Plans, and/or Special Provisions, the California Manual on Uniform Traffic Control Devices (Part 6, Temporary Traffic Control) must be followed.
15. **MINIMUM INTERFERENCE WITH TRAFFIC:** Permittee must plan and conduct work so as to create the least possible inconvenience to the traveling public (motorized vehicles, unmotorized vehicles such as bicycles, pedestrians, person(s) with disabilities, etc.), such that traffic is not unreasonably delayed.
16. **STORAGE OF EQUIPMENT AND MATERIALS:** The storage of equipment or materials is not allowed within State highway right-of-way, unless specified within the Special Provisions of this encroachment permit. If encroachment permit Special Provisions allow for the storage of equipment or materials within the State highway right-of-way, the equipment and material storage must also comply with Section 7-1.04, Public Safety, of the Department's Standard Specifications.
17. **CARE OF DRAINAGE:** Permittee must provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Department's Standard Specifications, Standard Plans, and/or as directed by the Department's representative.
18. **RESTORATION AND REPAIRS IN STATE HIGHWAY RIGHT-OF-WAY:** Permittee is responsible for restoration and repair of State highway right-of-way resulting from permitted work (Streets and Highways Code, section 670 et seq.).
19. **STATE HIGHWAY RIGHT-OF-WAY CLEAN UP:** Upon completion of work, Permittee must remove and dispose of all scraps, refuse, brush, timber, materials, etc. off the State highway right-of-way. The aesthetics of the highway must be as it was before work started or better.
20. **COST OF WORK:** Unless stated otherwise in the encroachment permit or a separate written agreement with the Department, the Permittee must bear all costs

ENCROACHMENT PERMIT GENERAL PROVISIONS

- incurred for work within the State highway right-of-way and waives all claims for indemnification or contribution from the United States, the State, the Department, and from the Directors, officers, and employees of the State and/or the Department. Removal of Permittee's personal property and improvements shall be at no cost to the United States, the State, and the Department.
21. **ACTUAL COST BILLING:** When specified in the permit, the Department will bill the Permittee actual costs at the currently set Standard Hourly Rate for encroachment permits.
22. **AS-BUILT PLANS:** When required, Permittee must submit one (1) set of folded as-built plans within thirty (30) calendar days after completion and acceptance of work in compliance with requirements listed as follows:
- Upon completion of the work provided herein, the Permittee must submit a paper set of As-Built plans to the Department's representative.
 - All changes in the work will be shown on the plans, as issued with the permit, including changes approved by Encroachment Permit Rider.
 - The plans are to be prominently stamped or otherwise noted "AS-BUILT" by the Permittee's representative who was responsible for overseeing the work. Any original plan that was approved with a Department stamp, or by signature of the Department's representative, must be used for producing the As-Built plans.
 - If construction plans include signing or striping, the dates of signing or striping removal, relocation, or installation must be shown on the As-Built plans when required as a condition of the encroachment permit. When the construction plans show signing and striping for staged construction on separate sheets, the sheet for each stage must show the removal, relocation, and installation dates of the appropriate staged striping and signing.
 - As-Built plans must contain the Encroachment Permit Number, County, Route, and Post Mile on each sheet.
 - The As-Built Plans must not include a disclaimer statement of any kind that differs from the obligations and protections provided by sections 6735 through 6735.6 of the California Business and Professions Code. Such statements constitute non-compliance with Encroachment Permit requirements and may result in the Department retaining Performance Bonds or deposits until proper plans are submitted. Failure to comply may also result in denial of future encroachment permits or a provision requiring a public agency to supply additional bonding.
23. **PERMITS FOR RECORD PURPOSES ONLY:** When work in the State highway right-of-way is within an area under a Joint Use Agreement (JUA) or a Consent to Common Use Agreement (CCUA), a fee exempt encroachment permit is issued to the Permittee for the purpose of providing a notice and record of work. The Permittee's prior rights must be preserved without the intention of creating new or different rights or obligations.
- "Notice and Record Purposes Only" must be stamped across the face of the encroachment permit.
24. **BONDING:** The Permittee must file bond(s), in advance, in the amount(s) set by the Department and using forms acceptable to the Department. The bonds must name the Department as obligee. Failure to maintain bond(s) in full force and effect will result in the Department stopping all work under this encroachment permit and possibly revoking other encroachment permit(s). Bonds are not required of public corporations or privately-owned utilities unless Permittee failed to comply with the provisions and/or conditions of a prior encroachment permit. The surety company is responsible for any latent defects as provided in California Code of Civil Procedure section 337.15. A local public agency Permittee also must comply with the following requirements:
- In recognition that project construction work done on State property will not be directly funded and paid by State, for the purpose of protecting stop notice claimants and the interests of State relative to successful project completion, the local public agency Permittee agrees to require the construction contractor to furnish both a payment and performance bond in the local public agency's name with both bonds complying with the requirements set forth in Section 3-1.05 Contract Bonds of the Department's Standard Specifications before performing any project construction work.
 - The local public agency Permittee must defend, indemnify, and hold harmless the United States, the State and the Department, and the Directors, officers, and employees of the State and/or Department, from all project construction related claims by contractors, subcontractors, and suppliers, and from all stop notice and/or mechanic's lien claimants. The local public agency also agrees to remedy, in a timely manner and to the Department's satisfaction, any latent defects occurring as a result of the project construction work.
25. **FUTURE MOVING OF INSTALLATIONS:** Permittee understands and agrees to relocate a permitted installation upon notice by the Department. Unless under prior property right or agreement, the Permittee must comply with said notice at the Permittee's sole expense.
26. **ENVIRONMENTAL:**
- ARCHAEOLOGICAL/HISTORICAL:** If any archaeological or historical resources are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified archaeologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.
 - HAZARDOUS MATERIALS:** If any hazardous waste or materials (such as underground storage tanks, asbestos pipes, contaminated soil, etc.) are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified hazardous

ENCROACHMENT PERMIT GENERAL PROVISIONS

waste/material specialist who must evaluate the site at the Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.

Attention is directed to potential aerially deposited lead (ADL) presence in unpaved areas along highways. It is the Permittee's responsibility to take all appropriate measures to protect workers in conformance with California Code of Regulations Title 8, Section 1532.1, "Lead," and with Cal-OSHA Construction Safety Orders, and to ensure roadway soil management is in compliance with Department of Toxic Substances Control (DTSC) requirements.

- c) **BIOLOGICAL:** If any regional, state, or federally listed biological resource is identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified biologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.
27. **PREVAILING WAGES:** Work performed by or under an encroachment permit may require Permittee's contractors and subcontractors to pay appropriate prevailing wages as set by the California Department of Industrial Relations. Inquiries or requests for interpretations relative to enforcement of prevailing wage requirements must be directed to the California Department of Industrial Relations.
28. **LIABILITY, DEFENSE, AND INDEMNITY:** The Permittee agrees to indemnify and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind, and description, including but not limited to those brought for or on account of property damage, invasion of privacy, violation or deprivation of a right under a state or federal law, environmental damage or penalty, or injury to or death of any person including but not limited to members of the public, the Permittee, persons employed by the Permittee, and/or persons acting on behalf of the Permittee, arising out of or in connection with: (a) the issuance and/or use of this encroachment permit; and/or (b) the encroachment, work, and/or activity conducted pursuant to this encroachment permit, or under color of authority of this encroachment permit but not in full compliance with the Permit Conditions as defined in General Provision Number 5 ("Unauthorized Work or Activity"); and/or (c) the installation, placement, design, existence, operation, and/or maintenance of the encroachment, work, and/or activity; and/or (d) the failure by the Permittee, or by anyone acting for or on behalf of the Permittee, to perform the Permittee's obligations under any part of the Permit Conditions as defined in General Provision Number 5, in respect to maintenance or any other obligation; and/or (e) any change to the Department's property or adjacent

property, including but not limited to the features or conditions of either of them, made by the Permittee or anyone acting on behalf of the Permittee; and/or (f) a defect or obstruction related to or caused by the encroachment, work, and/or activity whether conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constituting Unauthorized Work or Activity, or from any cause whatsoever. The duty of the Permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code.

It is the intent of the Department and the Permittee that except as prohibited by law, the Permittee will defend, indemnify, and hold harmless as set forth in this General Provision Number 28 regardless of the existence or degree of fault or negligence, whether active or passive, primary or secondary, on the part of: the United States, the State; the Department; the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors; the Permittee; persons employed by the Permittee; and/or persons acting on behalf of the Permittee.

The Permittee waives any and all rights to any type of expressed or implied indemnity from or against the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors.

The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the encroachment, work, and/or activity whether conducted pursuant to this encroachment permit or constituting Unauthorized Work or Activity, and further agrees to defend, indemnify, and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, penalties, liability, suits, or actions of every name, kind, and description arising out of or by virtue of the Americans with Disabilities Act.

The Permittee understands and agrees the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, are not personally responsible for any liability arising from or by virtue of this encroachment permit.

For the purpose of this General Provision Number 28 and all paragraphs herein, "contractors of the State and/or of the Department" includes contractors, and their subcontractors, under contract to the State and/or the Department.

This General Provision Number 28 and all paragraphs herein take effect immediately upon issuance of this encroachment permit, and apply before, during, and after the encroachment, work, and/or activity

ENCROACHMENT PERMIT GENERAL PROVISIONS

contemplated under this encroachment permit, whether such work is in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, except as otherwise provided by California law. The Permittee's obligations to defend, indemnify, and save harmless under this General Provision Number 28 take effect immediately upon issuance of this encroachment permit and have no expiration date, including but not limited to situations in which this encroachment permit expires or is revoked, the work or activity performed under this encroachment permit is accepted or not accepted by the Department, the encroachment, work, and/or activity is conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, and/or no work or activity is undertaken by the Permittee or by others on the Permittee's behalf.

If the United States or an agency, department, or board of the United States is the Permittee, the first two paragraphs of this General Provision Number 28 (beginning "The Permittee agrees to indemnify..." and "It is the intent of the parties...") are replaced by the following paragraph:

Claims for personal injury, death, or property damage allegedly caused by the negligent or wrongful act or omission of any employee of the United States acting within the scope of their official duties are subject to the Federal Tort Claims Act, as amended, 28 U.S.C. § 1346 and § 2671 et seq. (Chapter 171).

29. **NO PRECEDENT ESTABLISHED:** This encroachment permit is issued with the understanding that it does not establish a precedent.
30. **FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMMODATION:**
- a) As part of the consideration for being issued this encroachment permit, the Permittee, on behalf of Permittee and on behalf of Permittee's personal representatives, successors in interest, and assigns, does hereby covenant and agree that:
 - i) No person on the grounds of race, color, or national origin may be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
 - ii) That in connection with the construction of any improvements on said lands and the furnishings of services thereon, no discrimination must be practiced in the selection and retention of first-tier subcontractors in the selection of second-tier subcontractors.
 - iii) That such discrimination must not be practiced against the public in their access to and use of the facilities and services provided for public accommodations (such as eating, sleeping, rest, recreation), and operation on, over, or under the space of the State highway right-of-way.
 - iv) That the Permittee must use the premises in compliance with all other requirements imposed pursuant to Title 15, Code of Federal

Regulations, Commerce and Foreign Trade, Subtitle A. Office of the Secretary of Commerce, Part 8 (15 C.F.R. Part 8) and as said Regulations may be amended.

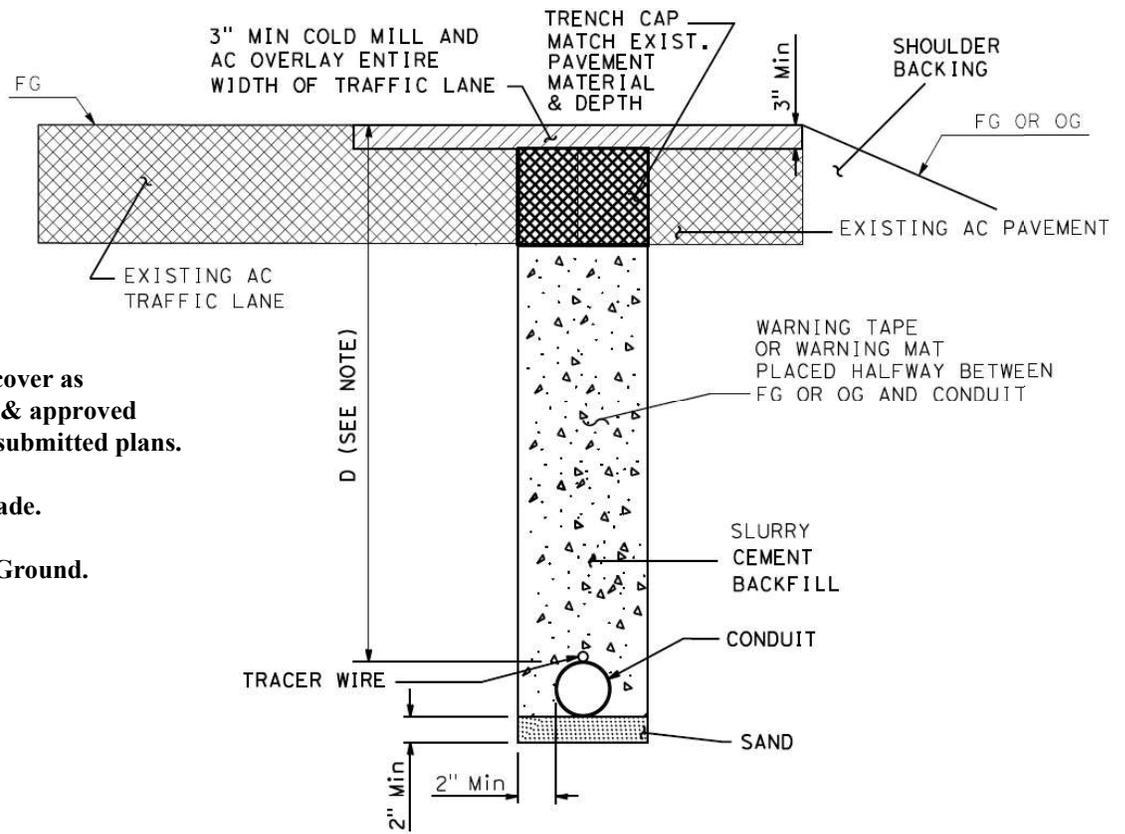
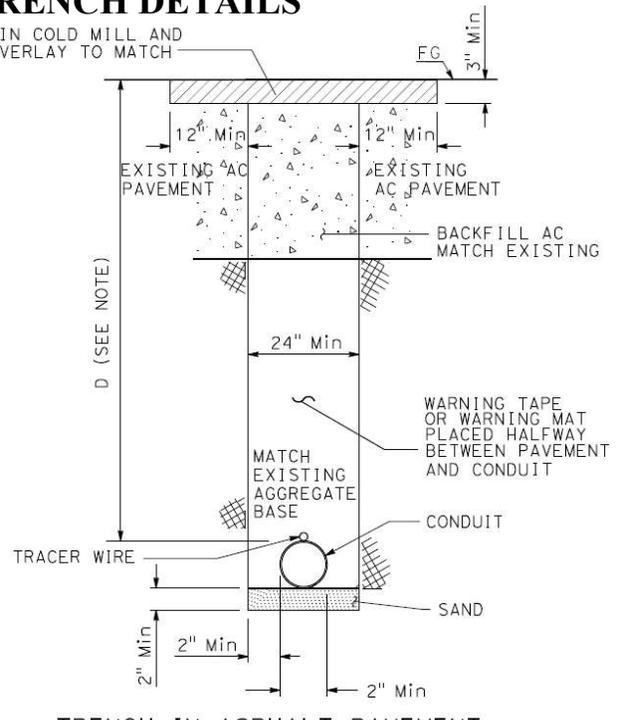
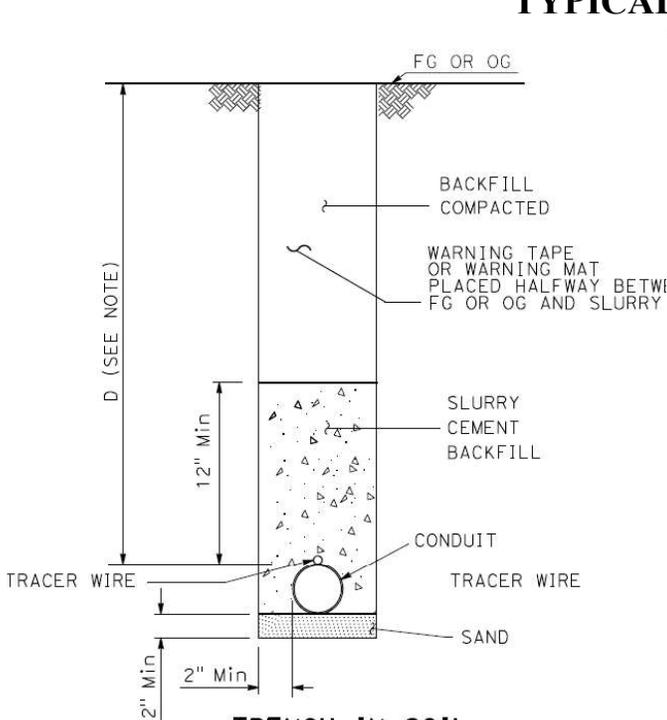
- b) That in the event of breach of any of the above nondiscrimination covenants, the State and the Department have the right to terminate this encroachment permit and to re-enter and repossess said land and the facilities thereon and hold the same as if said permit had never been made or issued.
31. **MAINTENANCE:** The Permittee is responsible at Permittee's sole expense for the encroachment, and the inspection, maintenance, repair, and condition thereof, and is responsible to ensure the encroachment does not negatively impact State highway safety, maintenance, operations, construction, State facilities, activities related to construction/reconstruction, or other encroachments. The Permittee's obligations in the preceding sentence take effect immediately upon issuance of this encroachment permit and continue until the encroachment is entirely and permanently removed. Additional encroachment permits or approval documents may be required authorizing work related to inspection, repair, and/or maintenance activities. Contact the Department for information.
32. **SPECIAL EVENTS:** In accordance with subdivision (a) of Streets and Highways Code section 682.5 and 682.7, the Department is not responsible for the conduct or operation of the permitted activity, and the applicant agrees to defend, indemnify, and hold harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of any activity for which this encroachment permit is issued.
- The Permittee is required, as a condition of this encroachment permit, for any event that awards prize compensation to competitors in gendered categories, for any participant level that receives prize compensation, to ensure the prize compensation for each gendered category is identical at each participant level. (Streets and Highways Code, section 682.7.)
- The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the event, and further agrees to defend, indemnify, and save harmless the United State, the State and the Department, and the Directors, officers, and employees of the State and/or Department, including but not limited to the Director of the Department and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of or by virtue of the Americans with Disabilities Act.
33. **PRIVATE USE OF STATE HIGHWAY RIGHT-OF-WAY:** State highway right-of-way must not be used for private purposes without compensation to the State. The gifting

ENCROACHMENT PERMIT GENERAL PROVISIONS

of public property uses and therefore public funds is prohibited under the California Constitution, Article XVI, Section 6.

34. **FIELD WORK REIMBURSEMENT:** Permittee must reimburse the Department for field work performed by or on behalf of the Department to correct or remedy issues created by the Permittee or by others acting on behalf of the Permittee, including but not limited to hazards or damaged facilities, or to clear refuse, debris, etc. not attended to by the Permittee or by others acting on behalf of the Permittee.
35. **LANE CLOSURE REQUEST SUBMITTALS AND NOTIFICATION OF CLOSURES TO THE DEPARTMENT:** Lane closure request submittals and notifications must be in accordance with Section 12-4.02, and Section 12.4-04, of the Department's Standard Specifications or as directed by the Department's representative. The Permittee must notify the Department's representative and the Traffic Management Center ("TMC") before initiating a lane closure or conducting an activity that may cause a traffic impact. In emergency situations when the corrective work or the emergency itself may affect traffic, the Department's representative and the TMC must be notified as soon as possible.
36. **SUSPENSION OF TRAFFIC CONTROL OPERATION:** The Permittee, upon notification by the Department's representative, must immediately suspend all traffic lane, bike lane, sidewalk, crosswalk, and/or shoulder closure operations and any operation that impedes the flow of traffic. All costs associated with this suspension must be borne by the Permittee.
37. **UNDERGROUND SERVICE ALERT (USA) NOTIFICATION:** Any excavation requires compliance with the provisions of Government Code section 4216 et seq., including but not limited to notice to a regional notification center, such as Underground Service Alert (USA). The Permittee must provide notification to the Department representative at least five (5) business days before, and the regional notification center at least forty-eight (48) hours before, performing any excavation work within the State highway right-of-way.
38. **COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA):** All work within the State highway right-of-way to construct and/or maintain any public facility must be designed, maintained, and constructed strictly in accordance with all applicable Federal Access laws and regulations (including but not limited to Section 504 of the Rehabilitation Act of 1973, codified at 29 U.S.C. § 794), California Access laws and regulations relating to ADA, along with its implementing regulations, Title 28 of the Code of Federal Regulations Parts 35 and 36 (28 C.F.R., Ch. I, Part 35, § 35.101 et seq., and Part 36, § 36.101 et seq.), Title 36 of the Code of Federal Regulations Part 1191 (36 C.F.R., Ch. XI, Part 1191, § 1119.1 et seq.), Title 49 of the Code of Federal Regulations Part 37 (49 C.F.R., Ch. A, Part 37, § 37.1 et seq.), the United States Department of Justice Title II and Title III for the ADA, and California Government Code section 4450 et seq., which require public facilities be made accessible to persons with disabilities.
- Notwithstanding the requirements of the previous paragraph, all construction, design, and maintenance of public facilities must also comply with the Department's Design Information Bulletin 82, "Pedestrian Accessibility Guidelines for Highway Projects" and Standard Plans & Specifications on "Temporary Pedestrian Access Routes."
39. **STORMWATER:** The Permittee is responsible for full compliance with the following:
- For all projects, the Department's Storm Water Program and the Department's National Pollutant Discharge Elimination System (NPDES) Permit requirements under Order No. 2012-0011-DWQ, NPDES No CAS000003; and
 - In addition, for projects disturbing one acre or more of soil, with the California Construction General Permit Order No. 2009-0009-DWQ, NPDES No CAS000002; and
 - In addition, for projects disturbing one acre or more of soil in the Lahontan Region with Order No. R6T-2016-0010, NPDES No CAG616002.
 - For all projects, it is the Permittee's responsibility to install, inspect, repair, and maintain all facilities and devices used for water pollution control practices (Best Management Practices/BMPs) before performing daily work activities.

TYPICAL TRENCH DETAILS



Notes: D - Depth of cover as identified & approved based on submitted plans.

FG - Finish Grade.

OG - Original Ground.

- All work must be authorized by the encroachment permit, and/or as directed by the State's representative. (Notes continue on page 2)

- Must include tracer wire or other continuous measure to provide positive subsurface detection for the life of the facility (Project Development Procedures Manual (PDPM) Chapter 17).
- Open trench installation of underground utility facilities must include warning tape or warning mats complying with the American Public Works Association (APWA) Uniform Color Code for identifying the type of underground utility. Where mechanical protection is installed, warning tape must be placed above the mechanical protection and below the roadbed subgrade as shown on the details. (PDPM Chapter 17).
- Clearance between the trench wall and conduit of less than 6 inches in width shall be a minimum of 2 inches. Clearance between the trench wall and conduit of greater than 6 inches in width shall be a minimum of 6 inches.
- When the trench width is less than 24 inches the backfill for subgrade must consist of slurry cement. Controlled Low-Strength Material (CLSM) can be substituted at the discretion of the State's representative.
- When trench width is greater than 24 inches compacted aggregate base may be used for backfilling.
- Structure backfill and compaction must conform to Section 19-3.02C and 3.03 of the Standard Specifications.
- For trench located under unimproved surface, structure backfill can use the original soil. Soil must be compacted by mechanical means. Ponding, jetting or flooding are not allowed. Slurry cement backfill is not optional unless approved by the Caltrans District.
- Slurry cement backfill must conform to Section 19-3.02E of the Standard Specifications.
- Aggregate base and its compaction shall conform to Section 26 of the Standard Specifications.
- CLSM if used must conform to Section 19-3.02G of the Standard Specifications. When CLSM is utilized the mix design and test results must be submitted to the State's representative. See Appendix H of the Encroachment Permits Manual for additional information.
- Cold planed surface and overlay shall be to the nearest lane line for the entire length of the trench/disturbed areas, and/or as directed by the State's representative.
- When Hot mix asphalt (HMA) is used to backfill Asphalt Concrete (AC) Section of the road, HMA must conform to Section 39 of the Standard Specifications.
- A paving notch ("T" Cut) shall be cold planed in exist asphalt concrete to a minimum width of 12 inches beyond each side of the trench and to a depth of 3 inches for the final layer of HMA.
- AC used to replace pavement section shall match existing pavement depth, unless directed otherwise by the State's representative.
- A tack coat of asphaltic emulsion conforming to Section 39-2.01C (3) (f) shall be applied.
- When the trench is within 4 feet of curb and gutter, additional cold planning may be required at the discretion of the State's representative. Potholes or trenches separated / adjoined by 10 feet or less to be overlaid together at the discretion of the State's representative.
- Pavement markings and/or striping removed or damaged during construction must be replaced in kind as directed by the State's representative.
- Other trench related details are shown in Chapter 6 of the Encroachment Permits Manual as well as the Trenching and Shoring Manual. Both publications can be found on the State of California, Department of Transportation's website.
- If trench is located in the roadway where Portland Cement Concrete (PCC) exist, remove the concrete to a depth of at least 3 feet below finished grade as per standard Specification 15-1.03B. Replace entire concrete slab from joint to joint as directed by State's representative.
- Electrical systems installations that are part of State Highway System must be installed in compliance with Caltrans Standard Specifications, Section 87.

TRAFFIC STRIPING, MARKINGS, AND SIGNS

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

1. Traffic striping, pavement markings and signs shall be furnished and placed by the permittee and the cost shall be borne by the permittee. Where new asphalt concrete has been placed, painted striping and pavement markings shall be installed within 24-hours. Where shown on the plans, after thirty (30) days curing time, thermoplastic materials shall be applied in compliance with Section 84 of the Standard Specifications.
2. Roadside signs shall be placed at locations shown on the permit plans and shall be installed in compliance with the latest edition of Caltrans Standard Plans.
3. Permittee shall furnish to State's representative a completed Form CEM-3101 "Notice of Materials to be Used," and approval of the material used shall be obtained prior to its installation.

HAZARDOUS MATERIALS AND HAZARDOUS WASTE MANAGEMENT SPECIAL PROVISIONSTR-0408 (New 09/2017)

By acceptance of this encroachment permit, Permittee hereby agrees that:

1. All construction debris/materials/water/excess soil must become the property of the Permittee, and must be transported and disposed of, outside of Caltrans' right-of-way, in accordance with all applicable environmental laws and regulations. The Permittee must be identified as the generator for all construction debris/materials/water/excess soil and must be responsible for proper identification (including sampling and analysis) and management of all construction and contaminated debris/materials/water/excess soil that are removed, and/or excavated, from the work site. If hazardous waste is generated, the Permittee must obtain an Environmental Protection Agency (EPA) Identification Number issued in their name. State Permit Inspector does not sign any manifests or shipping papers. The Permittee must be named as the generator on all Uniform Hazardous Waste Manifests and shipping papers. Caltrans must not be identified or written anywhere on the manifests or shipping papers. Prior to waste disposal, the Permittee should submit the waste generator form(s) to State Permit Inspector for verification. The Permittee must submit to the State Permit Inspector, a copy of all manifests and/or shipping papers generated for materials removed, transported and/or excavated from the state right-of-way.
2. If contaminated material is encountered, Permittee is to stop work and contact the State Permit Inspector immediately. The Permittee must submit a Sampling and Analysis Plan (SAP), and a Health and Safety Plan (HaSP) prepared by a Certified Industrial Hygienist (CIH) and in conformance with California Code of Regulations title 8, section 5192, "Hazardous Waste Operations and Emergency Response" for sampling activity through a separate permit application. Upon the permit review, additional environmental documents may be required prior to resumption of construction activity.
3. Permittee is responsible for any violation, penalty, enforcement action, corrective action, remedial action, and any other type of consequences resulting from cross contamination of groundwater (including perched groundwater), improper handling/managing of hazardous materials and/or placement of contaminated materials inside Caltrans right-of-way.
4. It is the Permittee's responsibility to comply with the Department of Toxic Substances Control (DTSC) ADL requirements for roadway soil management. Reuse of soils containing greater than 80 mg/kg total lead is not allowed without written approval of the DTSC and Caltrans. The Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils between Caltrans and the DTSC does not constitute written approval for the Permittee to reuse soils containing greater than 80 mg/kg total lead.
5. The Permittee must implement the emergency notification requirements established in the California Office of Emergency Management Hazardous Materials, Spill / Release Notification Guidance (<http://www.caloes.ca.gov/>).
6. Any imported material used for backfill must be free of contamination, and a certificate of the material as "clean" with the source area of the material must be provided to Permit Inspector upon request. Importing soils containing greater than 80 mg/kg total lead for use in state right-of-way is not allowed.
7. Stockpiles of material containing aerially deposited lead shall not be placed where affected by surface run-on or run-off. Stockpiles shall be covered with plastic sheeting 13 mils minimum thickness or with one foot of nonhazardous material. Stockpiles shall not be placed in environmentally sensitive areas. Stockpiled material shall not enter storm drains, inlets, or waters of the State.

PEDESTRIAN SAFETY (MCP)

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

1. When the work area encroaches upon a sidewalk, walkway, or crosswalk area, special consideration must be given to pedestrian safety. Protective barricades, fencing, handrails and bridges, together with warning and guidance devices and signs must be utilized so that the passageway for pedestrians, especially blind and other physically handicapped, is safe and well defined and shown on the approved permit plan.
2. Pedestrian walkways and canopies within State Right of Way shall comply with the requirements of the applicable local agency or of the latest edition of the Uniform Building Code whichever contains the higher standards.

TREE REMOVAL

TR – 0171 (Rev 7/2022)

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

I. GENERAL (Applies to BOTH Non-Utility and Utility Projects):

1. Scheduled removal work may be restricted by Caltrans to maintain mobility during special events, commuter traffic, or other periods of projected high traffic volumes.
 - i. Traffic control must conform to requirements shown in the State Standard Plans. When required, the use of a flashing arrow board is MANDATORY.
 - ii. Suspend removal work during inclement weather, such as heavy fog, if lane or shoulder closures will be required. Do not perform removal work during periods of high wind to minimize the spread of debris into the traveled way.
2. Remove trees in compliance with the seasonal restrictions specified in the Migratory Bird Act.
3. Contractors must be licensed by the California State Contractors State License Board and hold a current C61/D49 license.
4. When a permit is issued for removal, pruning, or addressing structural deficiencies of a tree as an independent operation or as a part of other work, the entire stump must be taken out to a depth of at least 12-inches below the ground surface. All debris must be removed from the right of way. The hole left by the stump must be backfilled and thoroughly tamped and the site left in a safe presentable condition.
5. Remove debris, cuttings, and limbs from the State right-of-way at the end of each workday, leaving the work area in a safe and presentable condition. In regions where debris, cuttings, limbs and bark may harbor pests or disease (such as pine pitch canker, eucalyptus psyllid, eucalyptus borer beetles, Dutch elm disease, or sudden oak death) dispose the vegetative materials in accordance with Federal, State, and local agency requirements.
6. Permittee or their contractors may collect woodchips produced by removing trees located both inside and outside Caltrans right-of-way, and dispose of these woodchips by placing them in locations within Caltrans right-of-way, when approved in advance by Caltrans Maintenance. Woodchips must not create a fire hazard, encourage illegal dumping, block traveler sightlines, or obstruct drainage ditches or drain inlets.
7. Pruning (Trimming) and/or Removal of vegetation to improve visibility to or from a residential development or commercial building is not allowed.
8. This permit does not restrict a utility company from complying with California Public Resources, California Public Utility Commission (CPUC) General Orders, and other Federal, State or local laws that require clearances between vegetation and gas lines or energized power lines.
9. Permittee and the authorized agents must keep a copy of the signed Tree Removal Request at the work site during tree removal operations.

UTILITY UNDERGROUND PROVISIONS (UG)

TR-0163 (Rev. 07/2023)

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

High priority utilities, pressurized facilities, pipes or ducts six (6) inches or larger in diameter, or placement of multiple pipes or ducts regardless of diameters are required to be encased on both conventional and access-controlled State highway right-of-way. An exception to this encasement policy may be allowed on a case-by-case basis with the “Uncased High-Pressure Natural Gas Pipeline” Special Provisions (TR-0158).

A “High Priority Utility” is defined as: 1) natural gas pipelines greater than six (6) inches in diameter, or with normal operating pressures greater than sixty (60) psig; 2) petroleum pipelines; 3) pressurized sanitary sewer pipelines; 4) high-voltage electric supply lines, conductors, or cables that have a potential to ground of greater than or equal to sixty (60) kV; or 5) hazardous materials pipelines that are potentially harmful to workers or the public if damaged.

The pavement or roadway must not be open cut unless specifically allowed. Utility installations are not allowed inside culverts or drainage structures.

All installations must comply with Chapter 17 of the Caltrans Project Development Procedures Manual for utility clearance and offset requirements.

For additional details regarding longitudinal utility encroachments on both conventional and access-controlled State highway right-of-way, see Section 602 of the Encroachment Permits Manual.

UG 1. ENCASEMENT: Casings must have an inside diameter sufficiently larger than the outside diameter of the pipe or duct to accommodate placement and removal.

When Horizontal Directional Drilling (HDD) is authorized, High-Density Polyethylene (HDPE) is acceptable as the casing.

When Reinforced Concrete pipe in accordance with Section 65-2 of Caltrans Standard Specifications is installed by Bore & Jack, it must have rubber gaskets at the joints and see “D” below for grouting of voids left by jacking operations.

- A. Spiral welded casings may be allowed provided the casing is new and the weld is smooth.
- B. The ends of the casing must be plugged with ungrouted bricks or other suitable material approved by the Department’s representative.
- C. Minimum wall thicknesses of steel encasements for different lengths and diameters of pipes are as follows:

Minimum Wall Thickness

Casing Diameter	Up to 150 feet in length	Over 150 feet in length
6 to 28 inches	1/4 inch	1/4 inch
30 to 38 inches	3/8 inch	1/2 inch
40 to 60 inches	1/2 inch	3/4 inch
62 to 72 inches	3/4 inch	3/4 inch

- D. When required by the Department’s representative, the permittee must pressure grout to fill any voids

caused by the permitted work at the permittee’s expense. The grout holes when placed the inside of the casing must be on eight (8) feet centers, longitudinally and offset twenty-two (22) degrees from the vertical axis of the casing and staggered to the left and right of the top longitudinal axis of the casing. Grout pressure must not exceed five (5) psig for a duration sufficient to fill all voids.

- E. When the placement of multiple encasements is requested, the distance between multiple encasements must be the greater of twenty-four (24) inches or twice the diameter of the larger pipe being installed.
- F. Casings within access-controlled highways must extend to the right-of-way lines.
- G. Wing cutters, if used, must be a maximum of one (1) inch larger in diameter than the outside diameter of the casing. Voids caused by the use of wing cutters must be grouted in accordance with “D” above.
- H. A band welded to the leading edge of the casing must be placed square to the alignment and not on the bottom edge. A flared lead section on bores over one hundred (100) feet is not allowed.
- I. The length of the auger strand must be equal to that of the section of encasement pipe.
- J. The casings within conventional highways must extend at least five (5) feet beyond the back of curb or edge of pavement, or to the right-of-way line if less. Where Portland Cement Concrete (PCC) cross-gutter exists, the casings must extend at least five (5)

ENCROACHMENT PERMIT SPECIAL PROVISIONS

feet beyond the back of the cross-gutter, or to the right-of-way line if less.

UG 2. OPEN-CUT METHOD: When the encroachment permit authorizes installation by the open-cut method, surfacing and base materials and thickness thereof must be as specified in the encroachment permit.

No more than one (1) lane of the highway pavement must be open cut at any time unless otherwise approved in writing by the Department's representative. After the pipe is placed in the open-cut section, the trench must be backfilled in accordance with Section 19-3 of Caltrans Standard Specifications. The backfilled section must be open to traffic safely with temporary repairs to the surfacing before the next section of pavement is cut.

If backfilling operations have not been properly completed at the end of a working day, steel plate bridging is required to make the entire highway facility open to traffic in accordance with the "Steel Plate Bridging Utility" Special Provisions (TR-0157).

Sides of open-cut trenches in paved areas must be kept as nearly vertical as possible. Trenches must not be two (2) feet wider than the sum of the outside diameter of the pipe to be laid therein plus the necessary width to accommodate shoring.

UG 3. TRENCHLESS CONSTRUCTION: The following provisions are applicable for installing conduit with the bore diameter less than thirty (30) inches using trenchless methods (e.g., Bore & Jack, HDD, Microtunneling, Pipe Bursting, Pipe Ramming, etc.). For installations with the bore diameter equal to or greater than thirty (30) inches, permittees must comply with Non-Standard Special Provision (NSSP) 19-15, Trenchless Construction. A copy of the NSSP 19-15 can be obtained from the Department's representative or District Encroachment Permits Office.

3.1. Definitions

Bore: Borehole excavated using trenchless construction for the installation of conduit.

Overcut: Radial annular gap between bore and outer pipe wall.

3.2. Construction: The superintendent must be at the site at all times when work is being conducted, if the borehole diameter is greater than ten (10) inches and the depth of installation is less than eight (8) times the diameter of the borehole.

Trenchless excavation and conduit installation must be performed to the line and grade shown. When excavation or installation is out of line or grade, make immediate alignment correction.

Existing structures, pavement, and utilities must be protected during installation. Restore and repair immediately any damage resulting from construction.

Repair or replace any damaged pipe sections.

Overcut must be less than:

- A. One (1) inch or five (5) percent of the conduit outside radius, whichever is less, and
- B. Two (2) inches for trenchless construction using HDD method

Notify the Department's representative immediately if you encounter obstruction or condition that impedes construction.

3.3. Quality Assurance

3.3-1. Pre-construction Meeting: Contact the Department's representative to schedule and have a pre-construction meeting at least seven (7) business days before the start of trenchless construction or as identified in the permit.

Attendees should include:

1. The Department's representative
2. Your project manager
3. Your project superintendent
4. The contractor for trenchless construction

Provide and present:

1. Trenchless construction shop drawings, work plans, and calculations
2. Mitigation plans for both during and after construction
3. Construction timeline and critical path activities

3.3-2. Contractor Qualifications: The contractor must employ a superintendent, who has successfully completed at least five (5) of such projects, if the borehole diameter is greater than ten (10) inches and the depth of installation is less than eight (8) times the diameter of the borehole. Before pre-construction meeting, the following must be submitted to Department's representative if requested:

1. Summary of the contractor's experience demonstrating that the contractor has successfully completed at least five (5) projects in the past five (5) years using similar trenchless construction in similar ground and groundwater conditions with similar drive lengths and diameter range.
2. Summary of the superintendent's experience demonstrating that the superintendent has successfully completed at least five (5) projects using similar construction methods for trenchless construction in similar ground and groundwater

ENCROACHMENT PERMIT SPECIAL PROVISIONS

conditions with similar drive lengths and diameter range.

3.3-3. Conduit Line, Grade, and Shape: When monitoring is required:

1. Survey and record control lines at least seven (7) business days before trenchless construction.
2. Observe and adjust measurements of survey control lines weekly. Report discrepancies to the Department's representative.

Survey and record the centerline of the constructed conduit after each section is advanced or every five (5) feet of advancement, whichever is shorter.

3.3-4. Ground Surface Movement Monitoring: Ground surface movement monitoring is required if the installation meets the following criteria or if required by the Department's representative:

1. Bore diameter is greater than ten (10) inches, and
2. Minimum vertical distance between the pavement or sidewalk surface and the top of bore is less than eight (8) times the diameter of the borehole.

Mark monitoring points on critical structures and utilities at locations shown. Include these points in monitoring surveys. Perform monitoring surveys before noon and at ambient temperature below eighty-five (85) degrees Fahrenheit. Perform ground surface survey under the Caltrans Surveys Manual and supplemental guidance.

Establish a minimum of four (4) control points for ground surface movement monitoring. Perform baseline ground surface survey at least fifteen (15) business days before trenchless construction. Notify the Department's representative at least ten (10) business days before the survey.

Develop baseline surface model. Use the baseline surface model to determine the movement of ground surface and embankment slope. See Encroachment Permit Survey Grid (TR-0151) in Appendix E of the Encroachment Permits Manual for survey grid spacing and other requirements.

Perform ground surface movement monitoring survey:

1. Weekly during construction or as required by the Department's representative
2. Biweekly for one (1) month after completion of each installation or as required by the Department's representative

Produce the surface model based on the monitoring survey data and calculate the movement of monitoring points using baseline surface model. Each monitoring survey may have different grid points.

Each ground surface horizontal and vertical measurement must be accurate to ± 0.03 feet on pavement and ± 0.1 feet

on unpaved surfaces at the ninety-five (95) percent confidence level. Vertical movement produced by comparing current surface model with pre-construction surface model must be accurate to ± 0.01 feet on pavement and ± 0.1 feet on unpaved surfaces at the ninety-five (95) percent confidence level.

If ground surface movement in the pavement above the advancing pipe meets the requirements for two (2) consecutive weeks, the frequency of monitoring survey may be reduced to biweekly.

Notify the Department's representative at completion of each installation. Ground surface vertical movement requirements are:

Ground Surface Vertical Movement

Quality Characteristic	Requirement
Critical Structure Monitoring Points - Horizontal or Vertical (max, feet)	0.02
Highway surface (max, feet)	0.04
Embankment slope (max, feet)	0.2

If ground surface vertical movement requirements are not met:

1. Stop work immediately.
2. Notify the Department's representative.
3. Submit an alternative construction method.
4. Submit a mitigation plan that includes methods to fill the voids created under the ground surface and restore the density of subsurface materials.
5. Monitor ground surface movement in the area above the advancing pipe:
 - 5.1. Daily until no additional vertical movement is detected in the areas that exceed the movement requirements
 - 5.2. Every two (2) working days until the vertical movement meets the requirements for two (2) consecutive weeks

3.4. Submittals

3.4-1. Monitoring Plans: Submit monitoring plans for:

1. Conduit grade and alignment control, including monitoring instruments, layout of instrumentation points, construction details, and monitoring frequency
2. Logging of excavated materials, including anticipated volume of excavation and measured volume of removed spoil
3. Critical operations of applicable trenchless construction, including excavation, boring, spoil removal, lubrication, jacking, installation, and grouting
4. Ground surface movement, including digital surface survey method, survey data processing and analysis

ENCROACHMENT PERMIT SPECIAL PROVISIONS

method, and digital surface file for the bore diameter greater than ten (10) inches and the vertical distance between the pavement or sidewalk surface and the top of bore less than eight (8) times the diameter of the borehole

3.4-2. Daily Construction Record: Maintain Daily Construction Record and submit to the Department's representative upon request.

Daily Construction Record must include:

1. Date and time of operation
2. Names of key personnel
3. Length of constructed conduit, including coordinates and elevation of the beginning and ending (latitude, longitude and northing, easting, elevation) of the conduit advanced during each work shift. Record must reference the project coordinate system.
4. Rate of advance
5. Jacking force
6. Problems encountered, possible causes, and mitigation performed
7. Geological log of excavated face and materials, with the logging performed by a geologist who is registered as an engineering geologist in the State
8. Records and field note of:
 - 8.1. Any visible cracks
 - 8.2. Conduit line and grade control
 - 8.3. Anticipated and actual volumes of spoil removed and causes of the volume discrepancy
 - 8.4. Groundwater table elevation if dewatering is required

3.4-3. Ground Surface Movement Monitoring Records: Submit:

1. Before construction: survey data and surface model to demonstrate compliance with the Caltrans Surveys Manual and supplemental guidance
2. During and after construction: survey data, surface model, and vertical movement based on the comparison between current and pre-construction surface model

3.4-4. Contact Grouting Record: Maintain Contact Grouting Record and submit to the Department's representative upon request.

Contact Grouting Record must include:

1. Injection locations
2. Grout quantity]
3. Grout pressure
4. Measurements and observations, including heave, casing or carrier pipe movement, grout loss quantity,

communication between grout ports, ground surface, and nearby utilities and storm drains

5. Problems encountered, possible causes, and mitigation performed

3.4-5. Post-Construction Record: Maintain Post-Construction Record and submit to the Department's representative upon request.

Post-Construction Record must include:

1. Completed conduit construction inspection records, including video recording and photographs
2. As-built plans showing details and alignment of the constructed conduit, horizontal and elevation survey based on project coordinate system, any problems encountered, and mitigation actions performed
3. As-built plans showing details of pavement restoration work performed

3.5. Restore Highway Pavement: After completion of trenchless construction of conduit, restore highway pavement to conditions as it was prior to beginning of construction activities or better. Restore Asphalt Concrete (AC) pavement with mill and fill. Repair or replace AC pavement with dowels for any cracks and spalling caused by construction.

UG 4. Bore and receiving pits must:

1. be located at least ten (10) feet from the edge of pavement on rural conventional highways.
2. be located at least five (5) feet beyond the concrete curb and gutter or AC dike on urban conventional highways.
3. be located at least five (5) feet beyond the toe of slope of embankments.
4. be located outside access-controlled highway right-of-way.
5. be protected by placement of six (6)-foot chain link fence or Type K railing around them.
6. be adequately shored in accordance with Cal/OSHA requirements. Shoring for jacking and receiving pits located within fifteen (15) feet of traffic lanes on a State highway must not extend more than thirty-six (36) inches above the pavement grade unless otherwise authorized by Department's representative. Reflectors must be affixed to the shoring on the sides facing traffic. A six (6)-foot chain link fence must be installed around the perimeter of the pits during non-working hours.
7. have crushed rock and sump areas to clear groundwater and water used to clean the casing. Where groundwater is found and pumping is required, the pits must be lined with filter fabric.

UG 5. LIMIT OF EXCAVATION: No excavation is allowed within ten (10) feet from the edge of pavement

ENCROACHMENT PERMIT SPECIAL PROVISIONS

except in curbed urban areas or as specified in the encroachment permit. Where no curb exists and excavations within ten (10) feet of the traveled way are to remain open, a temporary Type K railing must be placed at a 10:1 taper or as otherwise directed by the Department's representative.

UG 6. TUNNELING: In addition to the requirements of "UG 1" and Section 603.6 of the Encroachment Permits Manual, the following requirements are also applicable:

- A. For this provision, a tunnel is defined as any installation that is thirty (30) inches or greater in diameter.
- B. When tunneling is authorized, the permittee must provide full-time inspection of tunneling operations. The Department's representative must monitor projects.
- C. Sand shields may be required as ground conditions change.
- D. Pressure grouting for liner plate, rib and spiling, or rib and lagging tunnels must be at every eight (8) feet section or the end of work shift before the next section is excavated. All grouting must be completed by the end of each workday.
- E. The headway must be secured at the end of each workday. Breast boards or plates must be installed during working hours for running sand or super-saturated soil.

UG 7. FACILITIES EXEMPT FROM UTILITY POLICIES: The following utilities are exempt from the requirements for location and depiction on the project plans unless the depiction of the utility is needed for interconnectivity with the proposed work (see Chapter 17 of the Project Development Procedures Manual):

- Natural gas service lines less than two (2) inches in pipe diameter that have normal operating pressures of sixty (60) psig or less
- Service connections (laterals) for water, sewer, electric, and telecommunication including fiber optic and cable service

All State-owned utilities must be plotted on the plans.

UG 8. DETECTOR STRIP: A continuous metallic detectable strip must be provided for non-metallic main utility installations. Service connections must be installed at right angles to the centerline of the State highway.

UG 9. BACKFILLING: All backfilling operations must be in accordance with Section 19-3 of Caltrans Standard Specifications.

Any required compaction tests must be performed by a certified laboratory at no cost to the Department and the

laboratory report must be furnished to the Department's representative.

UG 10. ROADWAY SURFACING AND BASE MATERIALS: Temporary repairs to pavements must be made and maintained upon completion of backfill until permanent repairs are made. Permanent repairs to pavements must be made within thirty (30) calendar days of completion of backfill unless otherwise authorized by the Department's representative. Temporary pavement patches must be placed and maintained in a smooth riding plane free of humps and depressions.

UG 11. DAMAGE TO TREE ROOTS: Tree roots three (3) inches or larger in diameter must not be cut within the tree drip line when trenching or other underground work is necessary adjacent to roadside trees. If such roots are encountered, they must be tunneled under, wrapped in burlap, and kept moist until the trench is backfilled. Trenching machines must not be used under trees if the trunk or limbs can be damaged by their use. Manholes must not be installed within twenty (20) feet of any trunk.

If the trees involved are close together and of such sizes that it is impractical to protect all roots three (3) inches or larger in diameter, or when roots are less than four (4) inches in diameter, outside tree drip line, special arrangements may be made whereby pruning of the tree tops to balance the root loss can be done by the permittee only when approved by and under the close supervision of the District Landscape Specialist or District Tree Maintenance Supervisor.

UG 12. PIPES ALONG ROADWAY: Pipes and conduits paralleling the pavement must be located as shown on the plans or as close as possible to the right-of-way line.

UG 13. BORROW AND WASTE: Borrow and waste must not be allowed within the work limits unless otherwise specified in the encroachment permit.

UG 14. MARKERS: All markers must not create a safety hazard for the traveling public or highway workers.

UG 15. CATHODIC PROTECTION: The permittee must perform stray current interference tests on underground utilities under cathodic protection and notify the Department's representative prior to the tests. The permittee must perform any corrective measures as necessary and authorized by the Department's representative.

UG 16. PAVEMENT REMOVAL: ASPHALT CONCRETE (AC) pavement must be saw cut to the full depth to provide a neat and straight pavement break along sides of the trench. Portland Cement Concrete (PCC)

ENCROACHMENT PERMIT SPECIAL PROVISIONS

pavement must be saw cut at the slab joints and to the full slab depth.

Where the edge of the trench is within two (2) feet of the existing curb and gutter or pavement edge, the AC pavement between the trench and the curb or pavement edge must be removed.

UG 17. EXCAVATION UNDER FACILITIES:

Where it is necessary to excavate under the existing curb and gutter or underground facilities, the void must be backfilled with two (2) sack cement-sand slurry.

UG 18. PERMANENT REPAIRS TO PCC

PAVEMENT: Repairs must be of PCC containing at least six hundred fifty-eight (658) pounds or seven (7) sacks of cement per cubic yard. The new pavement must have the same thickness as the adjacent pavement. The PCC must be satisfactorily cured and protected from

disturbance until it can be open to traffic with a compressive strength of at least 3,000 psig or for not less than forty-eight (48) hours. The new pavement may be open to traffic after six (6) hours of curing when no more than two (2) percent by weight of calcium chloride is added to the PCC mix as an accelerating chemical admixture.

UG 19. REMOVAL OF PCC SIDEWALKS OR CURBS: PCC sidewalks or curbs must be saw cut to the nearest score marks and reconstructed to match the existing sidewalk or curb.

UG 20. SPOILS: No earth or construction materials must be tracked onto the highway pavement and public or private approach. The permittee must remove these materials immediately if tracked from the highway pavement and public or private approach.

ENCROACHMENT PERMIT SPECIAL PROVISIONS**STORMWATER SPECIAL PROVISIONS FOR MINIMAL OR NO IMPACT (SWSP)**

TR-0400 (Rev 05/2018)

1. **GENERAL:** The purpose of these Special Provisions is to provide the Permittee with specifications for water pollution control to minimize, prevent, or control the discharge of material into the air, surface waters, groundwater, and storm sewers owned by the State or local agencies. These provisions are not intended to take the place of the Caltrans Water Pollution Control Program (WPCP) for projects where soil disturbance from work activities less than one acre, or work activities of one acre or more subject to the preparation of the Caltrans Storm Water Pollution Prevention Plan (SWPPP). The Permittee must comply with the following Special Provisions and the direction of the State Representative. All Stormwater Best Management Practices (BMPs) must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.

Water Quality Control Board or other regulatory agency must be provided to the State representative within 48 hours of reported activity. For additional information on stormwater compliance, visit the State Water Resources Control Boards storm water Website at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater
2. **NPDES REQUIREMENTS:** The Permittee must be responsible for full compliance with the Caltrans Storm Water Program and the Caltrans National Pollutant Discharge Elimination System (NPDES) Permit requirements (*Order No. 2012-0011-DWQ, NPDES No CAS000003*) and for and projects disturbing one acre or more of soil, full compliance with the California Construction General Permit (*Order No. 2009-0009-DWQ, NPDES No CAS000002*) or for projects for projects that have one acre or more of soil disturbance in the Lahontan Region (*Order No. R6T-2016-0010, NPDES No CAG616002*). It is the Permittee's responsibility to install, inspect, and repair or maintain facilities and devices used for water pollution control practices (BMPs) before performing daily work activities. Installation, inspection and maintenance responsibilities on the job site include: 1) soil stabilization materials in work areas that are inactive or prior to storm events, 2) water pollution control devices to control sediment and erosion, 3) implementation of spill and leak prevention procedures for chemical and hazardous substances stored on the job site, 4) material storage, 5) stockpile management, 6) waste management, 7) non-stormwater management, 8) water conservation, 9) tracking controls and 10) illicit connection, illegal discharge detection and reporting. The Permittee must report to the State representative when discharges enter into receiving waters, adjacent property, drainage systems or when discharges could be a cause or a threat for water pollution. The Permittee must also control illicit discharges or illegal dumping prior to start of daily work schedule. Copies of written notices or orders from the Regional
3. **RESPONSIBILITY FOR DEBRIS REMOVAL:** The Permittee must be responsible for preventing sediment, trash, debris, and other construction waste from entering the street, the storm drains, local creeks, or any other bodies of water.
4. **SPOILS AND RESIDUE:** The Permittee must vacuum any saw-cut concrete waste material, debris, residue, etc. No spoils, debris, residue, etc. must be washed into a drainage system.
5. **SWEEPING:** Sweep paved roads at construction entrance and exit locations and surrounding paved areas daily within the job site during: 1) clearing and grubbing, 2) earthwork, 3) trenching, 4) soil disturbance, 5) pavement grinding and/or cutting, and 6) after observing tracking of material onto or off the State property. Keep dust to a minimum during sweeping activities. Use vacuum whenever dust generation is excessive or sediment pickup is ineffective. Roadways or work areas must not be washed down with water. Street sweeping operations must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.
6. **VEHICLES AND EQUIPMENT:** Permittee must prevent all vehicles, equipment, etc. from leakage or mud tracking onto roadways. If leaks cannot be repaired immediately, remove the vehicle or equipment from the job site.
7. **MAINTENANCE AND FUELING OF VEHICLES AND EQUIPMENT:** Maintenance and fueling of equipment must not result in any pollution at the job site. The Permittee must immediately clean up spills/leaks, and properly dispose of contaminated soil and materials.
8. **CLEANING VEHICLES AND EQUIPMENT:** Limit vehicle and equipment cleaning or washing at the job site except what is necessary to control vehicle tracking or hazardous waste. The Permittee must clean all equipment within a bermed area or over a drip pan large enough to prevent run-off. No soaps, solvents, degreasers, etc. must be used in State right-of-way. Any water from this operation must be collected and disposed of at an appropriate site. Containment berms or dikes must be used for fueling, washing, maintaining and washing vehicles or equipment in outside areas. Containment must be performed at least 100 feet from concentrated flows of

ENCROACHMENT PERMIT SPECIAL PROVISIONS

storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain. Keep adequate quantities of absorbent spill- cleanup material and spill kits in the fueling or maintenance area and on fueling trucks.

9. **DIESEL FUELS:** The use of diesel fuel from petroleum or other fossil fuel as a form-oil or solvent is not allowed.
10. **WEATHER CONDITIONS AT WORKSITE:** Any activity that would generate fine particles or dust that could be transported off site by stormwater must be performed during dry weather.
11. **WIND EROSION PROTECTION:** The use of Wind Erosion BMPs must be deployed year-round in instances where dust or fine particles could be transported off site.
12. **HOT MIX ASPHALT:** Runoff from washing hot mix asphalt must not enter into any drainage conveyances.
13. **PROTECTION OF DRAINAGE FACILITIES:** The Permittee must protect/cover gutters, ditches, drainage courses, and inlets with gravel bags, fiber rolls, State approved fabric filters, etc., to the satisfaction of the State representative during grading, paving, saw-cutting, etc. and materials must conform to Section 13-4.02 Materials for Water Pollution Control of Caltrans' Standard Specifications. No such protection measures must cause an obstruction to the traveling public. The Permittee must implement spill and leak prevention procedures for chemicals and hazardous substances stored on the job site (including secondary containment requirements) in accordance with section 13-4.03B Spill Prevention and Control, and 14-11 Hazardous Waste and Contamination, Water Pollution Control of Caltrans' Standard Specifications.
14. **PAINT:** Rinsing of painting equipment and materials is not permitted in State right-of-way. When thoroughly dry, dispose of the following as solid waste: dry latex paint, paint cans, used brushes, rags, gloves, absorbent materials, and drop cloths. Oil based paint sludge and unusable thinner must be disposed of at an approved hazardous waste site.
15. **CONSTRUCTION MATERIALS:** Stockpile of all construction materials, including, but not limited to; pressure treated wood, asphalt concrete, cold mix asphalt concrete, concrete, grout, cement containing premixes, and mortar, must conform to section 13-4.03C (2) Material Storage & 13-4.03C (3) Stockpile Management of Caltrans' Standard Specifications.
16. **CONCRETE EQUIPMENT:** Concrete equipment must be washed in a designated washing area in a way that does not contaminate soil, receiving waters, or storm drain systems.
17. **EXISTING VEGETATION:** Established existing vegetation is the best form of erosion control. Minimize

disturbance to existing vegetation. Damaged or removed vegetation must be replaced as directed by the State Representative.

18. **SOIL DISTURBANCE:** Soil disturbing activities must be avoided during the wet weather season. If construction activities during wet weather are allowed in your permit, all necessary erosion control and soil stabilization measures must be implemented in advance of soil disturbing activity.
19. **SLOPE STABILIZATION AND SEDIMENT CONTROL:** Consider a certified expert in Erosion and Sediment control in cases where slopes are disturbed during construction. The Permittee is directed to comply with Section 13.5 Temporary Soil Stabilization and Section 21 Erosion Control of Caltrans' Standard Specifications during application of temporary soil stabilization measures to the soil surface. Fiber rolls or silt fences may be required down slope until permanent soil stabilization is established. Remove the accumulated sediment whenever the sediment accumulates to 1/3 of the linear sediment barrier height. The Permittee must limit the use of plastic materials when more sustainable, environmentally friendly alternatives exist or when environmental regulations prohibit their use within the project.
20. **STOCKPILES:** Stockpiles containing aggregate and/or soil must be stored at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain, and must be covered and protected with a temporary perimeter sediment barrier. Cold mix stockpiles must be stored on an impermeable surface and covered with 9 mil plastic to prevent contact with water. Minimize stockpiling of materials on the job site. Manage stockpiles by implementing the water pollution control practices in Section 13-4.03C (3) Stockpile Management of the State of California standard specifications for construction.
21. **DISCOVERY OF CONTAMINATION:** The State Representative must be notified in case any unusual discoloration, odor, or texture of ground water, is found in excavated material or if abandoned, underground tanks, pipes, or buried debris are encountered.
22. **SANITARY AND SEPTIC WASTE:** Do not bury or discharge wastewater from a sanitary or septic system within the highway. Properly connected sewer facilities are free from leaks. With State Representative approval place portable sanitary facility at least 50 feet away from storm drains, receiving waters, and flow lines. Permittee must comply with local health agency provisions when using an on-site disposal system.
23. **LIQUID WASTE:** Prevent job site liquid waste from entering storm drain systems and receiving waters. Drilling slurries, grease or oil-free waste water or rinse water, dredging, wash water or rinse water running off a surface or other non-storm water liquids not covered

ENCROACHMENT PERMIT SPECIAL PROVISIONS

under separate waste water permits must be held in structurally sound, leak-proof containers, such as portable bins or portable tanks. Store containers at least 50 feet away from moving vehicles and equipment. Liquid waste may require testing to determine hazardous material content prior to disposal. All measures must conform to section 13-4.03D (5) Liquid Waste, Water Pollution Control of Caltrans' Standard Specifications.

24. WATER CONTROL AND CONSERVATION:

Manage water use in a way that will prevent erosion and the discharge of pollutants into storm drain systems and receiving waters. Direct runoff, including water from water line repair from the job site to areas where it can infiltrate into the ground. Direct water from off-site sources around the job site or from contact with jobsite runoff.

25. PILE DRIVING: Keep spill kits and cleanup materials at pile driving locations. Park pile driving equipment over drip pans, absorbent pads, or plastic sheeting with absorbent material, and away from stormwater run-on when not in use.**26. DEWATERING:** Dewatering consists of discharging accumulated storm water, groundwater, or surface water from excavations or temporary containment facilities. All dewatering operations must comply with the latest Caltrans guidelines including the Field Guide for Construction Site Dewatering. Contact State representative for approval of dewatering discharge by infiltration or evaporation, otherwise, any effluent discharged into a permitted storm water system requires approval from the Regional Water Quality Control Board. Prior to the start of dewatering, the Permittee must provide the State Representative with a dewatering and discharge work plan that complies with section 13-4.03G Dewatering, Water Pollution Control of Caltrans' Standard Specifications. A copy of the Waste Discharge Permit and a copy of a valid WDID number issued by the Regional Board must be provided to the State representative.

ENCROACHMENT PERMIT APPLICANT: CONTRACTOR(S) AUTHORIZATION FORM

DOT TR-0429 (NEW 12/2022)

The Permittee warrants and represents the Permittee has hired the following prime contractor(s) to perform the approved encroachment activities under Encroachment Permit # _____ on the Permittee's behalf as agents in accordance with Encroachment Permit General Provision #4 or Adopt-A-Highway Special Provision # 3, whichever is part of the Encroachment Permit. The Permittee warrants and represents the Permittee has provided a copy of the Encroachment Permit to the prime contractor(s) listed below, and further warrants and represents that the activities related to the Encroachment Permit, whether performed by the Permittee or by the prime contractor(s) below or by any person or entity acting for or on behalf of the Permittee, will be performed in compliance with all terms, conditions, specifications, standards, provisions, and other requirements of the subject Encroachment Permit. The person signing below warrants and represents such person has authority on behalf of the Permittee to make the warranties and representations contained herein, and to agree to and so bind the Permittee to this page.

List of authorized prime contractors for the encroachment permit:

Contractor Name	Scope of work (Traffic Control/civil work etc.)	Contact Person	Contact Person's Information (Phone # and E-mail)

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Name of Permittee

Name and Title of Person Signing for Permittee (Print)

Signature

Date

ENCROACHMENT PERMIT APPLICANT: CONTRACTOR(S) AUTHORIZATION FORM

DOT TR-0429 (NEW 12/2022)

By signing below, each prime contractor acknowledges that such prime contractor has received a copy of Encroachment Permit # _____ and agrees such prime contractor, and such prime contractor's employees, managers, officers, directors, agents, subcontractors, and suppliers, will comply with, and will perform all activities in accordance with, all terms, conditions, specifications, standards, provisions, and other requirements of the Encroachment Permit, including but not limited to notifying the permit inspector as required in the Encroachment Permit and reporting the lane closure notifications per the Encroachment Permit General Provisions (TR-0045). Each person signing on behalf of each prime contractor warrants and represents such person has the authority to make the acknowledgements, warranties, and representations contained herein on behalf of the named prime contractor, and has the authority to agree to and so bind the named prime contractor to this page.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

_____ Name of Prime Contractor	_____ Name and Title of Person Signing for Contractor (Print)	_____ Signature	_____ Date
_____ Name of Prime Contractor	_____ Name and Title of Person Signing for Contractor (Print)	_____ Signature	_____ Date
_____ Name of Prime Contractor	_____ Name and Title of Person Signing for Contractor (Print)	_____ Signature	_____ Date
_____ Name of Prime Contractor	_____ Name and Title of Person Signing for Contractor (Print)	_____ Signature	_____ Date



D4 Encroachment Permit Work Scheduling Request Form

Submit your request to schedule traffic control weekly, 7 days in advance, using this form. Submit your request to State Representative (Inspector) listed on page 1 or 2 of your permit. If your inspector is not available, contact Permit Duty Station at (510) 286-4401. Check special provisions for authorized work hours. Any deviation from the permit must be in writing and requires additional review and approval.

INSTRUCTIONS AND ABBREVIATIONS: See the procedures on page 2 of this form.

- 1. Permit No.: _____ 2. Expiration Date: _____ 3. Request Date: _____
- 4. Caltrans Inspector: _____ 5. Requested Work Week: _____ to _____
- 6. Route: _____ 7. County: _____ 8. City or Township: _____
- 9. PostMiles: From: _____ To: _____ 10. Existing Lanes (in each Dir): Dir _____ Lns _____ / Dir _____ Lns _____
- 11. Describe Location (use landmark if necessary): From: _____ To: _____
- 12. Name of Conventional Highway or Surface St: _____
- 13. Fill in or 'x' if applicable (a through k): (a) Divided Hwy or Undivided Hwy (b) Full-Closure 1 dir or both dir
 (c) One-Way Traffic Control: Only on "Undivided" Hwy (Alternate use of same lane for both directions--hold traffic 5-10 min w/flaggers)
 (d) Connector Ramp: (State Highway #) _____ to (State Highway #) _____ Closed or Lane # _____
 (e) Off-ramp: (Freeway to City St.) Ramp Name: _____ Off-ramp Closed or Lane#: _____
 (f) On-ramp: (City St. to Freeway) Ramp Name: _____ On-ramp Closed or Lane#: _____
 (g) Divert Traffic or Contra Flow: Reconfigure Lns/divert traffic to Lane# ___ in the ___ Direction; ___ Lns open each dir
 (h) Intermittent Traffic Control (i) Various Locations (j) Long-Term (24+ hours continuous) ETO

(k) Year:		Time		Dir		* * * * * Restricted Lanes * * * * *														Brks		Closure ID#				
From DATE	To DATE	DAY(S) SU-M-T-W-TH-F-SA	24-HR CLOCK		NB	SB	Full Closure See Detour	SHLDR		1	2	3	4	5	6	V L	Aux or Coll	CD or Med	TURN PCKT(S)		Park Strip	5 to 15 min	Rolling	Caltrans will complete & return		
			Start (10-97)	Finish (10-98)				EB	WB										L	R					L	R

14. Description of work/comments: _____

15. Detour (Required for full closure): _____

16. Contingency Plan: _____

17. On-site during work (circle if applicable): CHP / PD / Other: _____

18. Name:	Permittee or Permittees Representative/Contractor:	
	Address including zip code:	
On-site Personnel Contact Name of person in responsible charge & phone number(s).	Name:	
	Email:	
	Office:	FAX:
	Cell:	Emergency phone number 24/7:

19. **"REAL-TIME" STATUS INSTRUCTIONS – PLEASE MAKE YOUR FIELD PERSONNEL AWARE & RESPONSIBLE!**
 Permittee must **STATUS** lane closures **DAILY** via Caltrans District 4's 24-Hour Communication Center at **(510) 286-6359**. Status using Closure ID Number when work begins, to **1097** (1st cone down), and again to **1098** (last cone picked up); OR, **1022** to cancel. Any **delay** in picking up your closure must be reported immediately.



D4 Encroachment Permit Work Scheduling Procedures

1. **INSTRUCTIONS:** Fill in blanks or check appropriate boxes. Attach maps or diagrams, if available. Enter **beginning day** through **ending day of work week** (M-T-W-TH-F-SA-SU). **Date: Month/Day**—Enter month (01-12) and day (01-31) of requested week. **Start & Finish Time:** Use 24-hour clock format. **Read** the Permit Special Provisions for **hours & days** allowed. Separate lane closure #'s are required for each direction and facility. Use separate line for each. **Lanes** are numbered in direction of travel from left to right, excluding turn pockets; left being #1 or "fast lane." Check boxes under **Restricted Lanes** to indicate lanes or parts of highway to be closed. **VL** may be checked with note in Comments Section stating number of lanes to remain open at all times.
2. **ABBREVIATIONS:** **Aux**=auxiliary, **CD**=Center Divide; **Coll**=Collector; **Contra Flow**=Close 1 direction of traffic and divert to lane(s) in opposite direction or a turn lane. **DAY(S)**=(M-T-W-TH-F-SA-SU); **Dir**=Direction (**NB**=Northbound, **SB**=Southbound, **WB**=Westbound, **EB**=Eastbound); **ETO**=Emergency Traffic Operations; **F/L**=fog line; **Hwy**=Highway; **Lns**=Lanes; **L**=Left; **Med**=Median; **Park Strip**=Parking area parallel to lane; **PCKT**=Pocket; **Rolling**=traffic breaks for closure such as sweeping; **R**=Right; **SHLDR**=Shoulder; **VL**=Various Lanes
3. Requests for scheduling must be submitted on this form to the Inspector listed on page 1 or 2 of your permit. If your inspector is not available, contact Permit Duty Station at (510) 286-4401.
4. All permitted work (**with or without traffic control**) is subject to advance scheduling on this form, seven (7) days in advance of the work week requested. Submittals and approvals must continue on a weekly basis.
5. If work begins weekly on Sunday, the work week must be Sunday through Saturday. If work week begins on Monday, the work week must be Monday through Sunday.
6. Incomplete, illegible, or inaccurate requests may be returned for correction. Assistance for completing the request may be obtained from the designated State Representative.
7. Every attempt will be made to return timely requests with closure ID or work authorization numbers, to the Permittee by close of business on Thursday, prior to the scheduled work week. When deemed necessary to ensure public convenience, Caltrans may deny and/or reschedule the request.
8. All requests must include a contingency plan for restoring public traffic (i.e. reopening of a closed lane, ramp and/or shoulder) in the event of (1) CHP or the local authority requires opening due to an unforeseeable incident in the nearby vicinity, or (2) permitted experiences an equipment breakdown, shortage of or lack of production materials or any other failure which would otherwise delay restoring public convenience within the time limits specified in the permit. The contingency plan must include availability of any proposed standby equipment and stockpiled materials that can be utilized for the immediate opening of closures when ordered by the State representative. Acceptance of the contingency plan by the Engineer must not relieve the Contractor from the requirement of opening the restricted travel way to accommodate public traffic as specified in the lane closure hour's section of the permit provisions.
9. Caltrans will review and process the request by entering all information into the Statewide Lane Closure System (LCS). This process generates a work authorization number*. This number will be entered on the request form and returned to Permittee as approval to proceed AND will be used to "**Real-Time Status**" on a daily basis. Permittee must communicate with Caltrans 24-hour District 4 Communication Center (DCC) via telephone at **(510) 286-6359** twice daily when working, or once daily if cancelled.
 - a. When work begins (1st cone down), Permittee must contact Caltrans DCC and relay: "**(Closure ID #*) is 1097.**"
 - b. When work ends (last cone picked up), Permittee must contact Caltrans DCC and relay: "**(Closure ID #*) is 1098.**"
 - c. If the work is cancelled on any scheduled day, Permittee must contact Caltrans DCC and relay; "**(Closure ID #*) is 1022.**" A "10-22" (cancellation) can be phoned any time before the scheduled "10-97" time, but no later than 1 hour prior to scheduled "10-98" time.
 - d. During the work, any unexpected occurrences including delayed openings, accidents, etc., must be communicated to Caltrans DCC immediately.Avoid possible miscommunication when calling status. Use the **PHONETIC ALPHABET** to state your Closure ID:
A=Adam, **B**=Boy, **C**=Charles, **D**=David, **E**=Edward, **F**=Frank, **G**=George, **H**=Henry, **I**=Ida, **J**=John, **K**=King,
L=Lincoln, **M**=Mary, **N**=Nora, **O**=Ocean, **P**=Paul, **Q**=Queen, **R**=Robert, **S**=Sam, **T**=Tom, **U**=Union, **V**=Victor, **W**=William,
X=X-ray, **Y**=Yellow, **Z**=Zebra. *Example: P82CA="Paul 82 Charles Adam"*
10. The intent of these procedures is to help ensure public convenience by identifying planned closures on the State Highway system, resolving potential conflicts, and disseminating all available "**REAL-TIME**" information via the traffic media to all motorists, including but not limited to the public, CHP, local police and sheriffs' office, and emergency fire and rescue personnel.

* "closure ID number" is the same as "work authorization number"

PERMIT NO.

Dear Sir or Madam:

*All work authorized by the above-numbered permit was
completed on* _____
DATE

SIGNATURE OF PERMITTEE

FM 92 1546 M

PERMIT NO.

Dear Sir or Madam:

*All work authorized by the above-numbered permit was
completed on* _____
DATE

SIGNATURE OF PERMITTEE

FM 92 1546 M

PERMIT NO.

Dear Sir or Madam:

*All work authorized by the above-numbered permit was
completed on* _____
DATE

SIGNATURE OF PERMITTEE

FM 92 1546 M

PERMIT NO.

Dear Sir or Madam:

*All work authorized by the above-numbered permit was
completed on* _____
DATE

SIGNATURE OF PERMITTEE

FM 92 1546 M