Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	1	32

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

2020

PAVEMENT RESURFACING PROJECT

SANTA CLARA COUNTY
MORGAN HILL, CALIFORNIA

TO BE SUPPLEMENTED BY STANDARD PLANS, DATED 2023

INDEX OF PLANS

NO.	NAME	DESCRIPTION
1	TS-1	TITLE SHEET
2	U-1	UTILITY PLAN
3	U-2	UTILITY PLAN
4	C-1	PAVING PLAN
5	C-2	PAVING PLAN
6	C-3	CONSTRUCTION DETAILS (CURB RAMP AREA DEMOLITION)
7	C-4	CONSTRUCTION DETAILS (NEW CURB RAMPS)
8	Q-1	ROADWAY QUANTITIES
9	PD-1	PROPOSED PAVEMENT DELINEATION PLAN
10	PD-2	PROPOSED PAVEMENT DELINEATION PLAN
11	PDQ-1	PAVEMENT DELINEATION QUANTITIES
12	S-1	ROADSIDE SIGN PLAN
13	S-2	ROADSIDE SIGN PLAN
14	SQ-1	SIGN QUANTITIES
15	SQ-2	SIGN QUANTITIES
16	SQ-3	SIGN QUANTITIES
17	TH-1	TRAFFIC HANDLING GENERAL NOTES AND DETAILS
18	TH-2	TRAFFIC HANDLING PLAN- PHASE 1&2
19	TH-3	TRAFFIC HANDLING PLAN- PHASE 3
20	TH-4	TRAFFIC HANDLING PLAN- PHASE 4
21	TH-5	TRAFFIC HANDLING PLAN- PHASE 5
22	TH-6	TRAFFIC HANDLING PLAN- PHASE 6
23	TH-7	TRAFFIC HANDLING PLAN- PHASE 7
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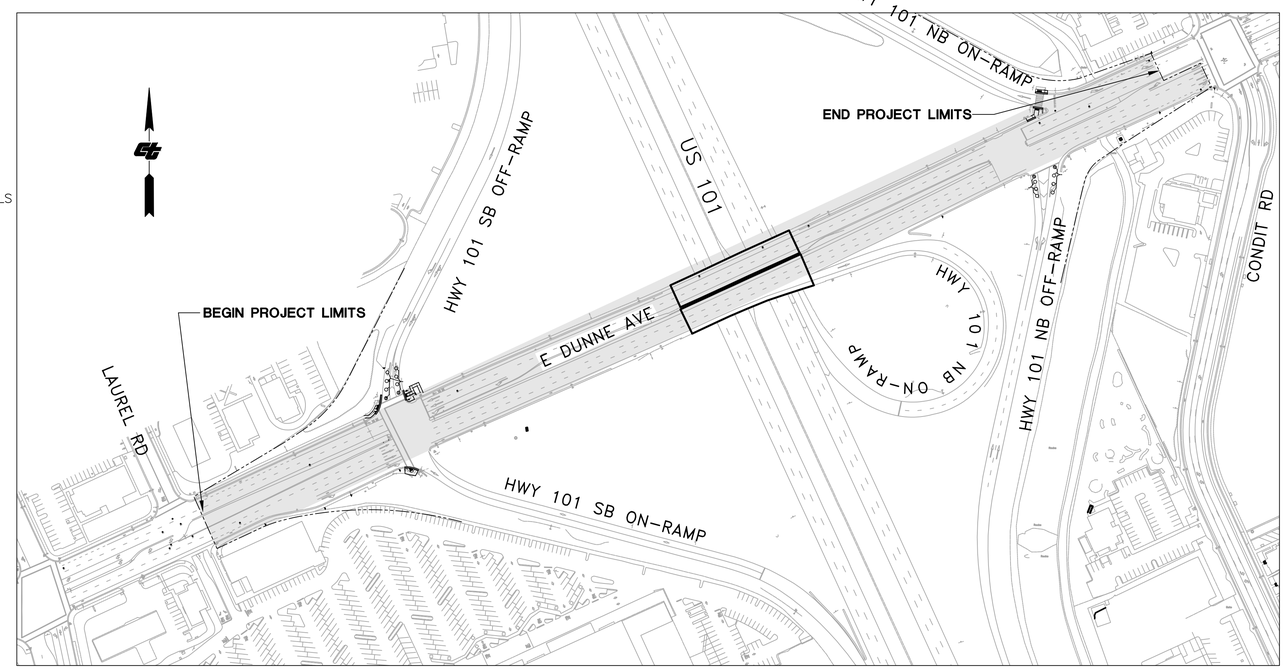
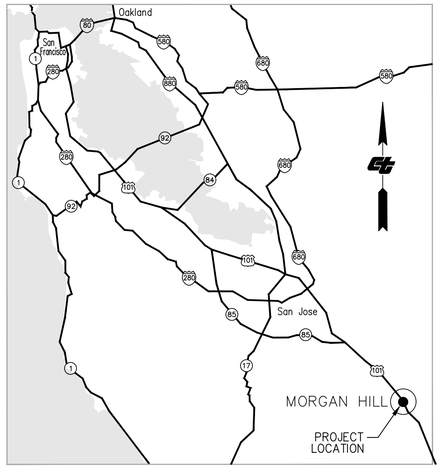
25	TH-9	TRAFFIC HANDLING PLAN- PHASE 9
26	THQ-1	TRAFFIC HANDLING QUANTITIES
27	THQ-2	TRAFFIC HANDLING QUANTITIES
28	THQ-3	TRAFFIC HANDLING QUANTITIES
29	THQ-4	TRAFFIC HANDLING QUANTITIES
30	E-1	SIGNAL LOOP REPLACEMENT PLAN
31	E-2	SIGNAL LOOP REPLACEMENT PLAN
32	RSP-1	REVISED STANDARD PLANS



AREA MAP
NTS

LOCATION MAP



VICINITY MAP
NTS

GENERAL CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST REVISED CALTRANS STANDARD PLANS AND SPECIFICATIONS (DATED 2023).
2. TRAFFIC SIGNAL & ELECTRICAL WORK SHALL CONFORM TO THE PROJECT SPECIAL PROVISIONS.
3. THE EXISTING UNDERGROUND UTILITIES ARE SHOWN BASED ON INFORMATION SUPPLIED BY THE CITY AND/OR THE LOCAL UTILITY COMPANIES. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND VERIFY ALL CONDITIONS ON THE JOB SITE. HAND DIG FOUNDATIONS UNTIL CLEAR OF ALL OBSTRUCTIONS.
4. THE CONTRACTOR IS TO CONTACT UNDERGROUND SERVICE ALERT (USA) 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, IN ORDER TO HAVE THE EXISTING UTILITIES MARKED IN THE FIELD.
5. TWO FULL WORKING DAY NOTICE REQUIRED FOR ALL INSPECTIONS. ANY WORK DONE BY THE CONTRACTOR WITHOUT INSPECTION WILL BE SUBJECT TO REMOVAL.
6. THE CONTRACTOR SHALL MAINTAIN ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, IN A CLEAN, SAFE AND USABLE CONDITION.

CA: 1-800-227-2600
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE 811

LOCATION OF EXISTING UTILITIES

LOCATION OF EXISTING UTILITIES IS ONLY APPROXIMATE. DETERMINATION OF ACTUAL LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE CALTRANS ENCROACHMENT PERMIT

CITY OF MORGAN HILL

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER

3/22/2024
DATE

REGISTERED PROFESSIONAL ENGINEER
SCOTT C. CREER
No. 58879
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PROJECT MANAGER	SCOTT CREER
CONSULTANT DESIGN MANAGER	LEOPOLDO TRUJILLO

CONTRACT No.	00-000001
PROJECT ID	0000000000

LAST REVISION
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project-TLE.dwg
TIME PLOTTED => Mar 22, 2024, 1:15pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	2	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

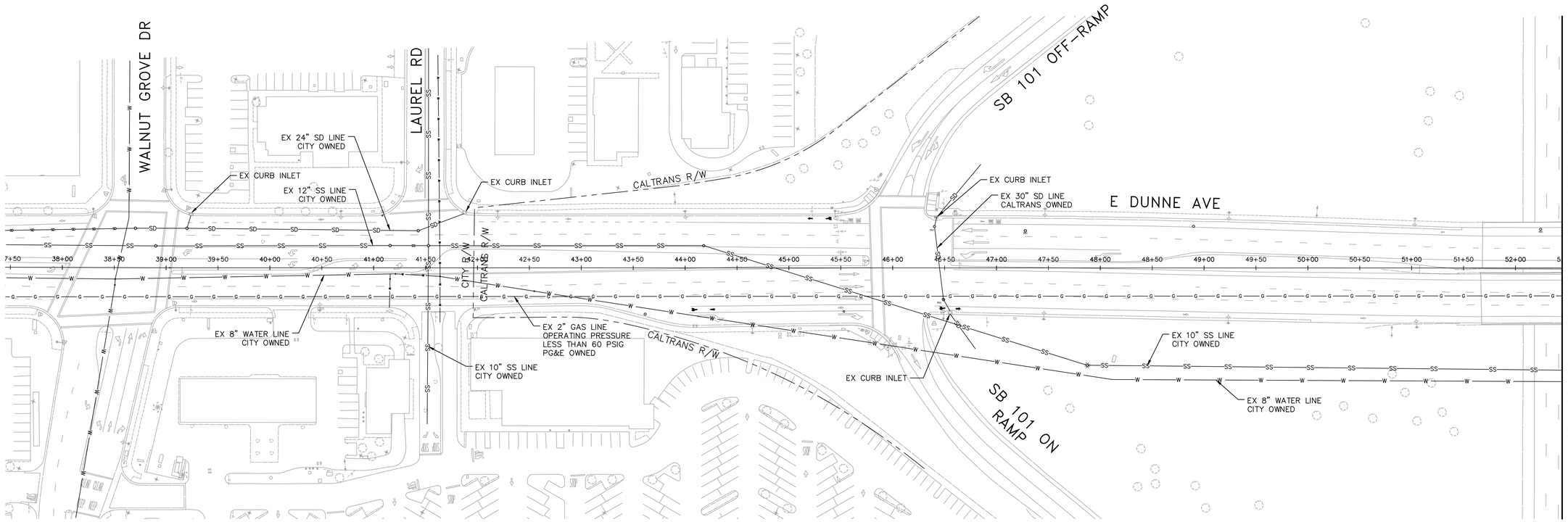
REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF MORGAN HILL

GENERAL UTILITY NOTES

1. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON INFORMATION SUPPLIED BY THE CITY AND/OR LOCAL UTILITY COMPANIES. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF ALL UNDERGROUND AND OVERHEAD UTILITIES.
2. REFER TO SHEET C-1 THRU C-4 FOR PROPOSED IMPROVEMENTS.
3. REFER TO SHEETS E-1 AND E-2 FOR TRAFFIC SIGNAL EQUIPMENT IMPROVEMENTS/ADJUSTMENTS.
4. ALL EXISTING UTILITY COVERS (E.G. MANHOLES, WATER VALVES, GAS VALVES, ETC.) WILL REMAIN IN PLACE, WITH NO ADJUSTMENTS.



0 50 100 150
SCALE IN FEET: 1"= 50

U-1
UTILITY PLAN
50' SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR | YAT CHO | CALCULATED-DESIGNED BY
LEOPOLDO TRUJILLO | CHECKED BY
REVISED BY | DATE REVISED

LAST REVISION 03-08-21 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project U sheets TLE.dwg
Mar 22, 2024, 12:45pm

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	3	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

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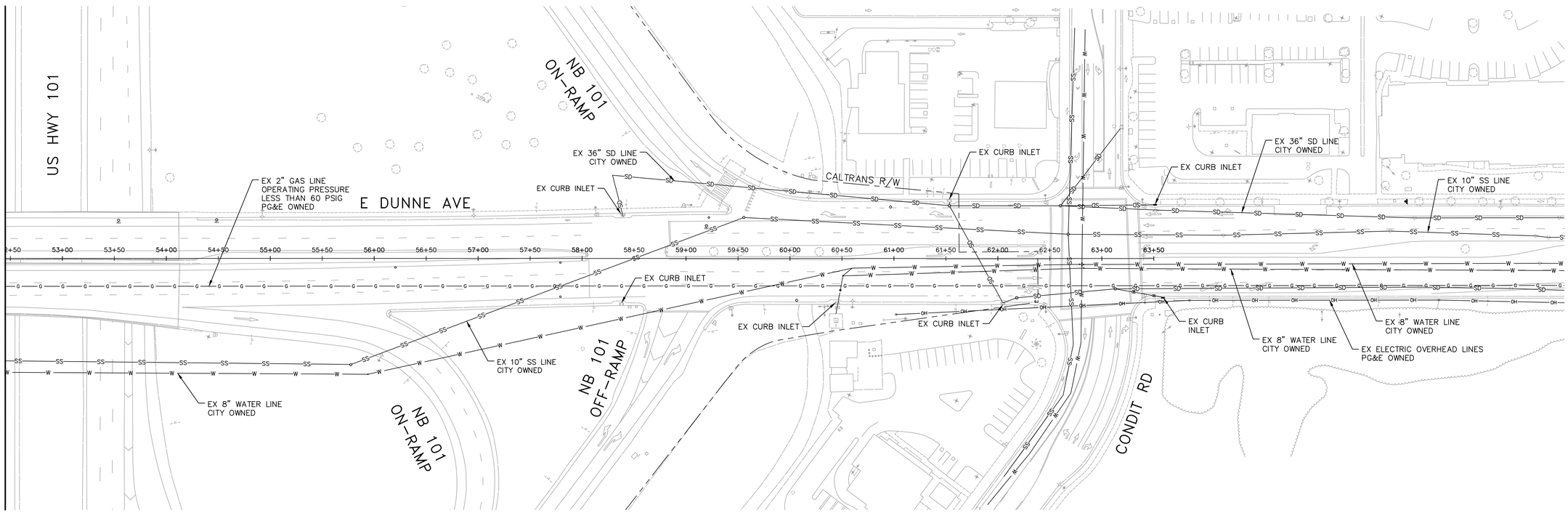
CITY OF MORGAN HILL

REFER TO SHEET U–1 FOR GENERAL UTILITY NOTES



0 50 100 150
SCALE IN FEET: 1"= 50

U-2
UTILITY PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED–DESIGNED BY: YAT CHO

CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY:

DATE REVISED:

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4	SCL	101	16.01	4	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

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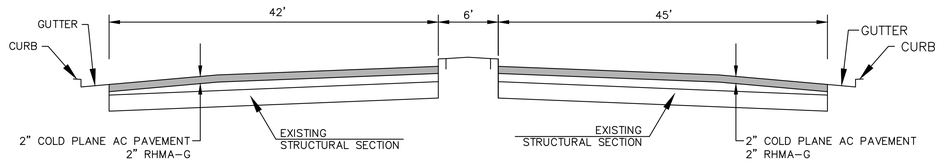
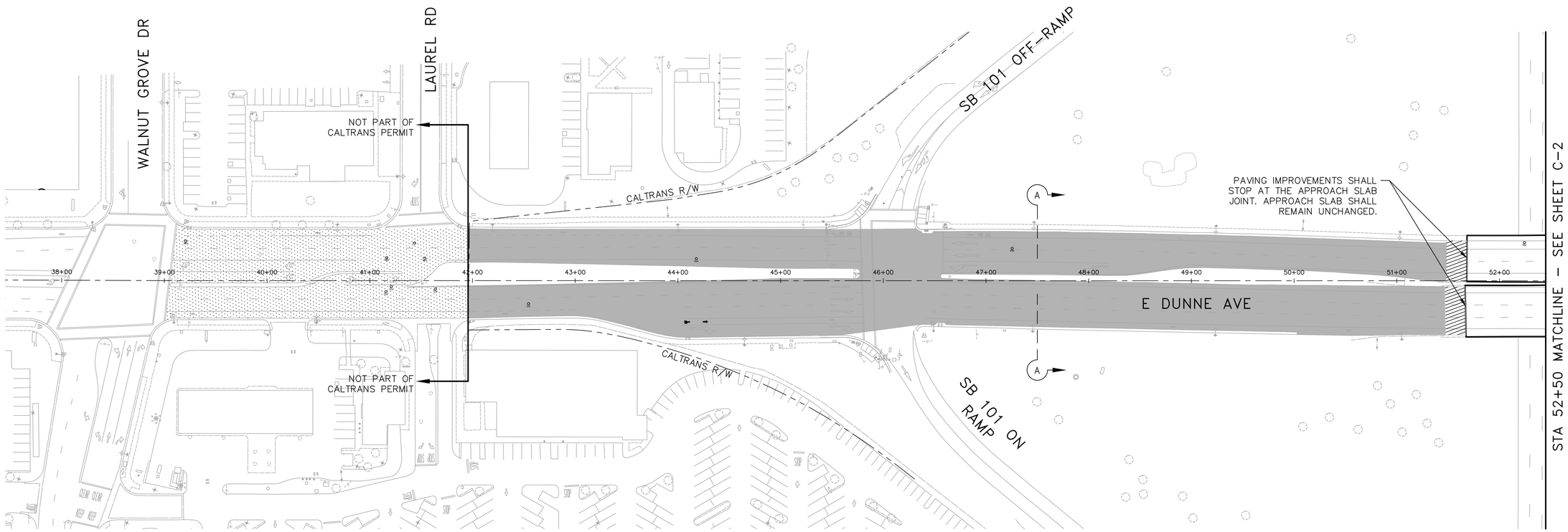
CITY OF MORGAN HILL



SECTION A–A
STA. 47+50
NTS



LEGEND (SHEETS C-1 & C-2)

- = 2" MIL AND FILL
- = MICRO MILLING, SLURRY SEAL (TYPE II)
- = 20'-WIDE 6" AC DEEP LIFT AT THE STRUCTURE APPROACH / DEPARTURE

0 50 100 150
SCALE IN FEET: 1"= 50

C-1
PAVING PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

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CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY
DATE REVISED

LAST REVISION 03-08-21
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Mar 22, 2024, 12:49pm

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	5	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. GREER No. 58879 CIVIL STATE OF CALIFORNIA

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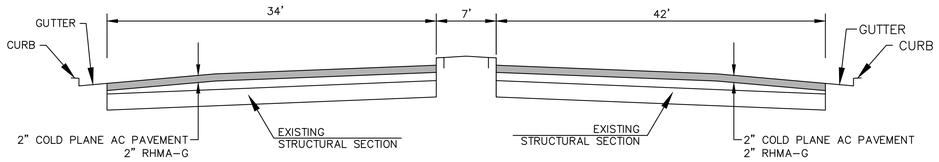
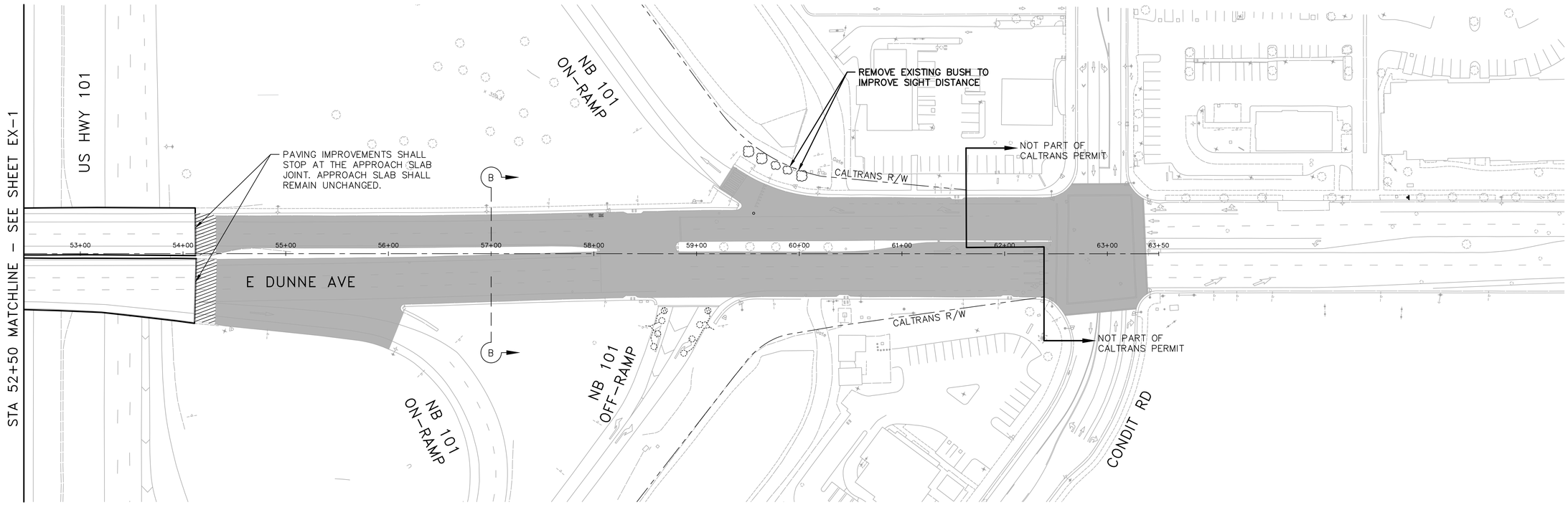
CITY OF MORGAN HILL



SECTION B–B
STA. 57+00
NTS



LEGEND (SHEETS C-1 & C-2)

- = 2" MIL AND FILL
- = MICRO MILLING, SLURRY SEAL (TYPE II)
- = 20'-WIDE 6" AC DEEP LIFT AT THE STRUCTURE APPROACH / DEPARTURE

0 50 100 150
SCALE IN FEET: 1"= 50

C-2
PAVING PLAN
50' SCALE

REVISED BY	YAT CHO
DATE REVISED	LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY	
CHECKED BY	
CONSULTANT FUNCTIONAL SUPERVISOR	

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	6	31

L. Trujillo 3/11/2024

REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

PLANS APPROVAL DATE

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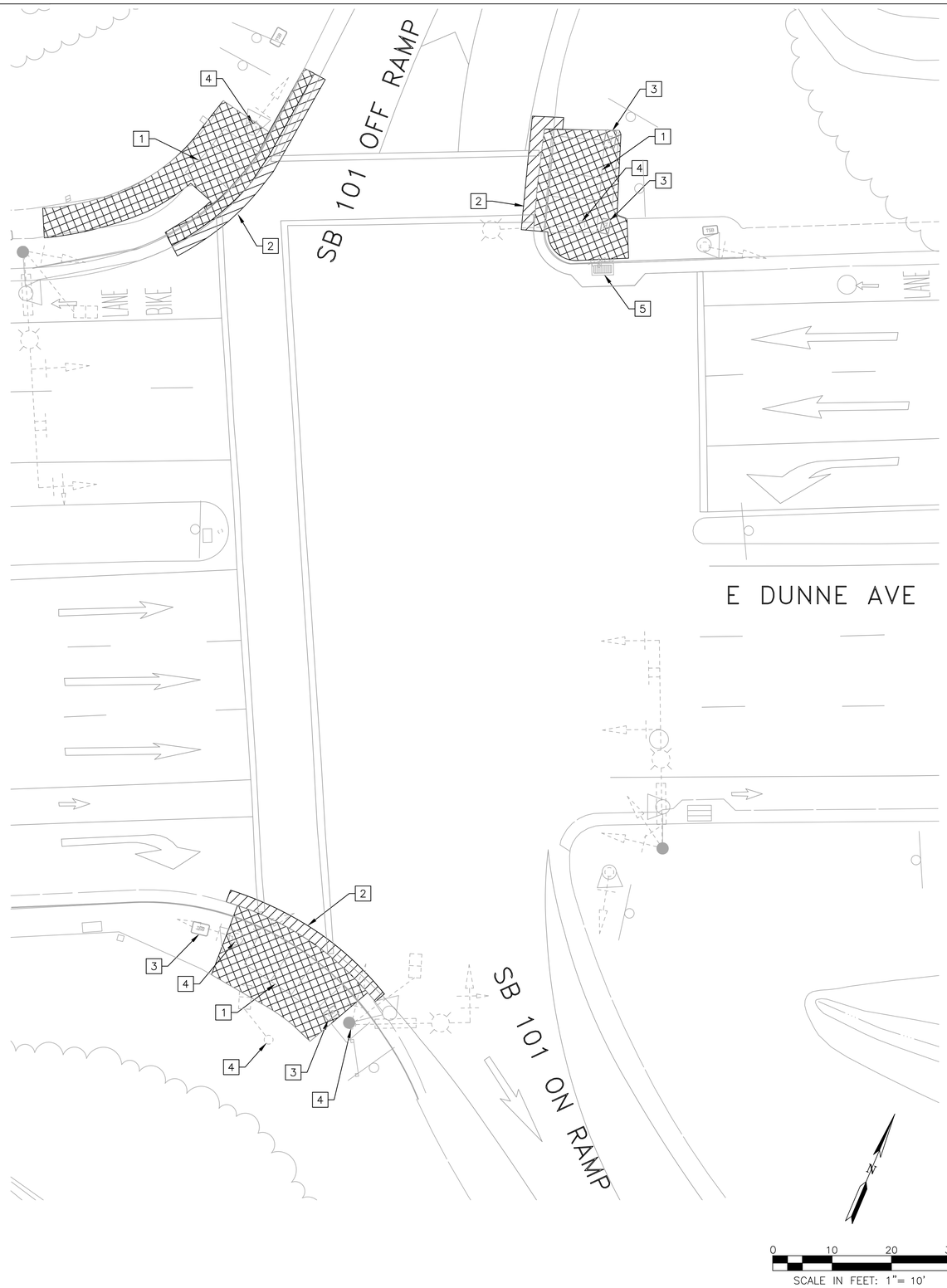
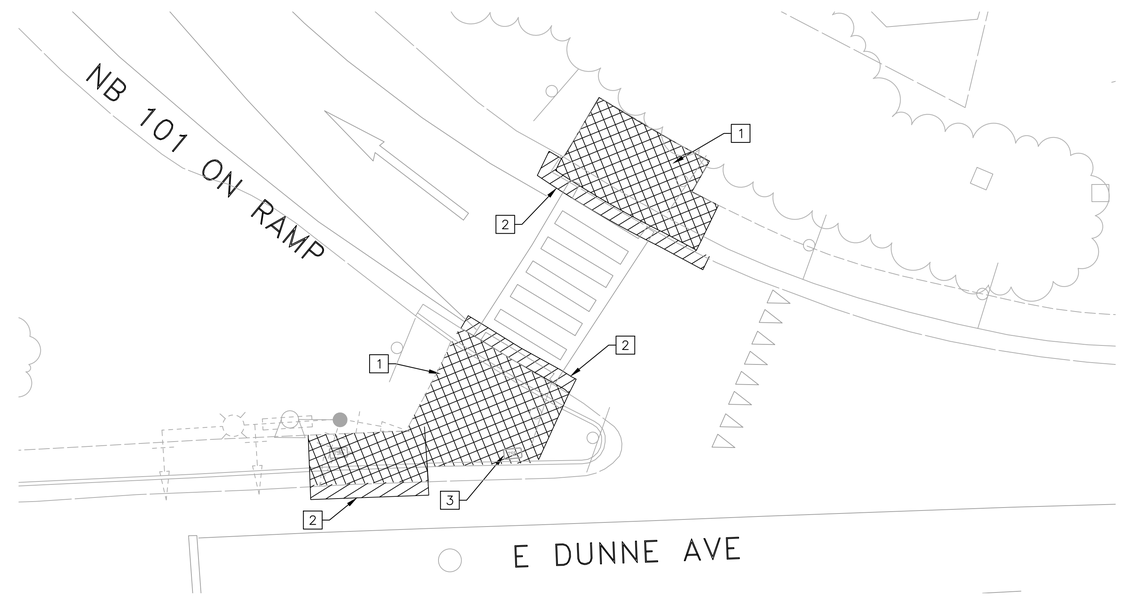
TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553





PROJECT NOTES (THIS SHEET)

1. REMOVE EXISTING CONCRETE RAMPS AND ADJACENT CONCRETE WORK AS SHOWN ON THE PLANS.
2. SAWCUT, REMOVE, AND DISPOSE OF EXISTING AC ROADWAY SECTION. SAWCUT SHOULD EXTEND A MINIMUM OF 2' OUTSIDE OF EXISTING EDGE OF PAVEMENT/LIP OF GUTTER OR AS SHOWN ON THE PLAN.
3. EXISTING PULLBOX TO BE PROTECTED IN PLACE AND ADJUSTED TO NEW FINISH GRADE.
4. EXISTING TRAFFIC SIGNAL STANDARD TO BE PROTECTED IN PLACE.
5. EXISTING CURB INLET TO BE PROTECTED IN PLACE.

LEGEND

- CONCRETE DEMOLITION
- ROADWAY REMOVAL

C-3
CONSTRUCTION DETAILS
(CURB RAMP AREA DEMOLITION)
10' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO

CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY
DATE REVISED

LAST REVISION XX-XX-XX

DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive – tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab Ramps.dwg
TIME PLOTTED => Mar 11, 2024, 8:45am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	7	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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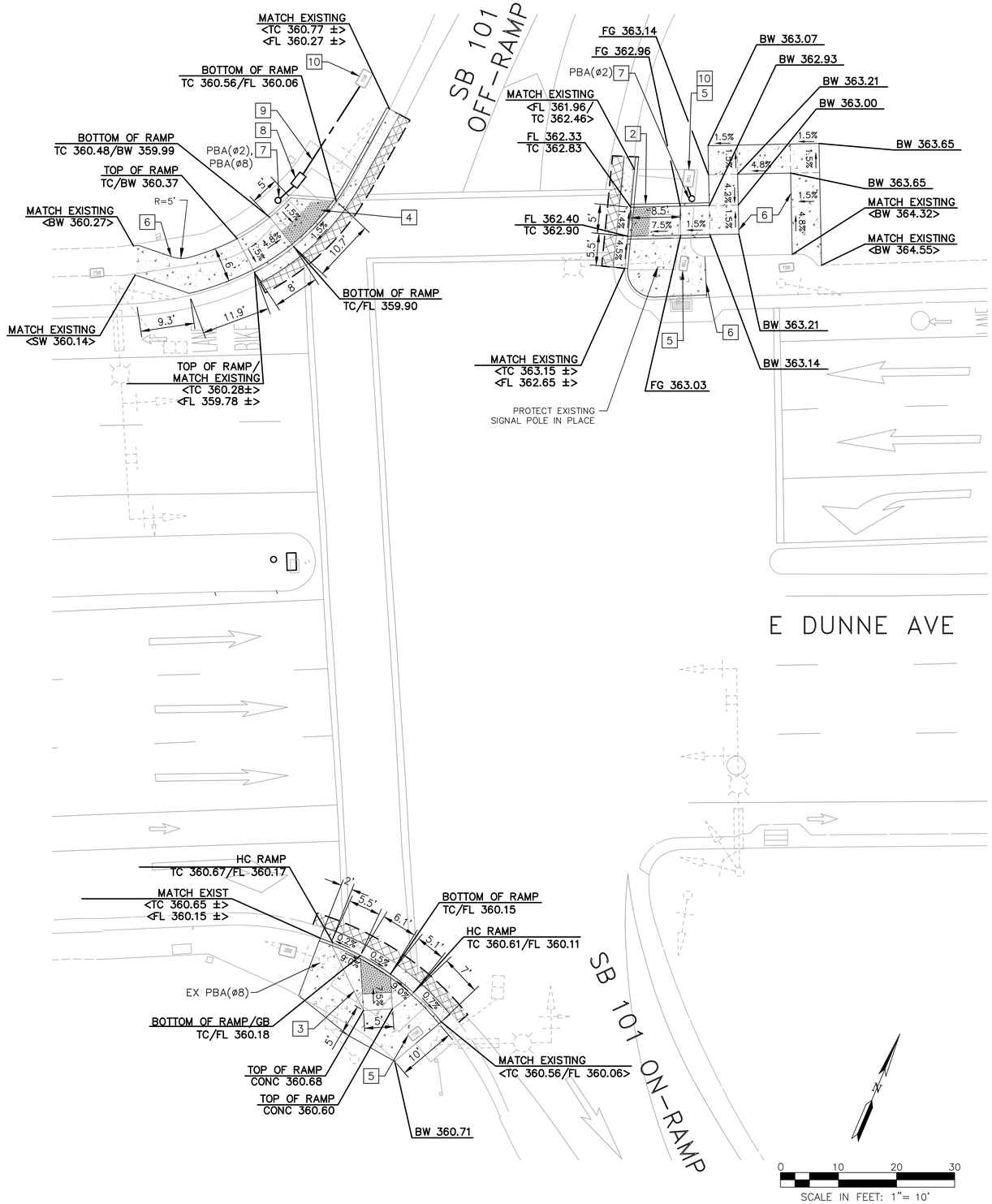
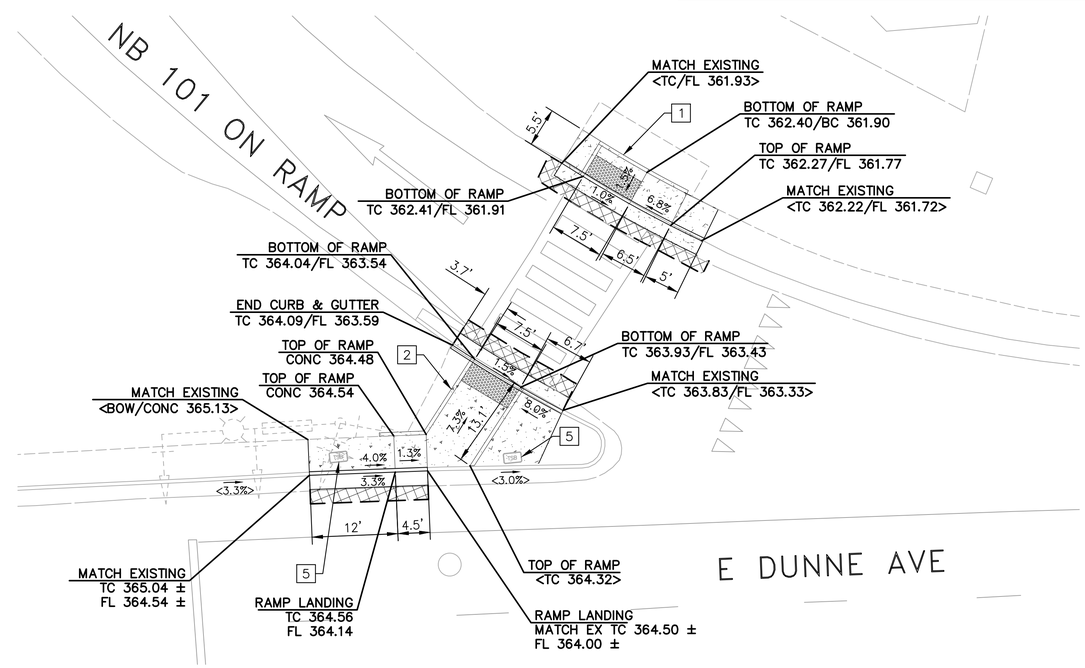
314 Colville Dr
San Jose, CA 95123
209-829-1553





DUNNE AVE / SB HWY 101 RAMPS
EXISTING / PROPOSED PHASE DIAGRAM

PROJECT NOTES (THIS SHEET)

1. CONSTRUCT CASE CH CURB RAMP PER CALTRANS STANDARD PLAN A88B.
2. CONSTRUCT CASE F CURB RAMP PER CALTRANS STANDARD PLAN A88A.
3. CONSTRUCT CASE A CURB RAMP PER CALTRANS STANDARD PLAN A88A.
4. CONSTRUCT CASE CM CURB RAMP PER CALTRANS STANDARD PLAN A88B.
5. EXISTING TRAFFIC SIGNAL PULLBOX TO BE ADJUSTED TO NEW FINISHED GRADE. REPLACE PULLBOX IF CURRENTLY DAMAGED OR BECOMES DAMAGED DUE TO CONSTRUCTION.
6. CONSTRUCT 5' WIDE SIDEWALK IMPROVEMENTS (4" PCC OVER 4" CL 2 AB) FOR THE LIMITS SHOWN ON THE PLAN. THIS WORK INCLUDES ALL GRADING NECESSARY TO CONSTRUCT THE CURB RAMP AND SIDEWALK IMPROVEMENTS TO THE GRADES SHOWN ON THE PLAN AND TO CONFORM GRADES TO THE EXISTING SURROUNDING AREA.
7. FURNISH AND INSTALL NEW PUSH BUTTON ASSEMBLY POST PER CALTRANS STANDARD PLAN RSP ES-7A. FURNISH AND INSTALL NEW TYPE B PUSH BUTTON ASSEMBLY(IES) PER CALTRANS STANDARD PLAN RSP ES-5C. PEDESTRIAN PHASE DESIGNATION(S) AS NOTED ON THE PLAN. PROVIDE 2" CONDUIT CONNECTION TO ADJACENT PULL BOX AND WIRING AS NECESSARY FOR PUSH BUTTON OPERATIONS.
8. FURNISH AND INSTALL NEW #5 PULL BOX PER CALTRANS STANDARD PLAN RSP ES-8A.
9. FURNISH AND INSTALL NEW 2" CONDUIT WITH WIRING FOR PUSH BUTTON OPERATIONS.
10. CONNECT NEW CONDUIT TO EXISTING PULL BOX. PROVIDE SPLICING TO EXTEND PEDESTRIAN PUSH BUTTON OPERATIONS TO NEW PUSH BUTTON ASSEMBLY POST.

LEGEND

- NEW 15" FULL DEPTH HMA PAVEMENT SECTION
- NEW CONCRETE
- NEW DETECTABLE SURFACE
- SAWCUT

C-4
CONSTRUCTION DETAILS (NEW CURB RAMPS)
10' SCALE

REVISED BY	DATE REVISED
.	.

CELINA LEE — LEOPOLDO TRUJILLO — CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION XX-XX-XX — DATE PLOTTED => Mar 11, 2024 — TIME PLOTTED => 8:45am

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4	SCL	101	16.01	8	32

REGISTERED CIVIL ENGINEER 3/22/2024 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. GREER No. 58879 CIVIL STATE OF CALIFORNIA

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CITY OF MORGAN HILL

PAVING QUANTITIES

SHEET NO.	STATION	HOT MIX ASPHALT (TYPE A)			
		MILL (2" AC)	RHMA (2" OVERLAY)	6" DEEPLIFT	15" FULL DEPTH
		TONS	TONS	TONS	TONS
C-1	39+00 TO 52+50	985	985	65	17
C-2	52+50 TO 63+50	1,055	1,055	76	12
	TOTAL	2,040	2,040	141	29

REMOVE CONCRETE

SHEET NO.	STATION	CURB AND GUTTER	SIDEWALK/ CURB RAMP
		LF	SF
C-1	39+00 TO 52+50	82	780
C-2	52+50 TO 63+50	58	495
	TOTAL	140	1,275

MINOR CONCRETE

SHEET NO.	STATION	SIDEWALK	CLASS 2 AB	CURB RAMP	CURB (TYPE A1)	CURB AND GUTTER (TYPE A2)	EARTHWORK FOR NEW SIDEWALK
		CF	TONS	SF	LF	LF	CF
C-1	39+00 TO 52+50	274	15	216	47	82	230
C-2	52+50 TO 63+50	56	3	189	51	57	–
	TOTAL	330	18	405	98	139	230

LOOP DETECTOR REPLACEMENT QUANTITIES

SHEET NO.	STATION	LOOP DETECTOR	
		TYPE E (MODIFIED)	TYPE E
		EACH	EACH
C-1	39+00 TO 63+50	7	26
C-2	39+00 TO 63+50	9	32
	TOTAL	16	58

Q-1
ROADWAY QUANTITIES
NO SCALE

REVISED BY	DATE REVISED
YAT CHO	LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 03-08-21 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

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Mar 22, 2024, 12:49pm

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	9	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREEGER No. 58879 CIVIL STATE OF CALIFORNIA

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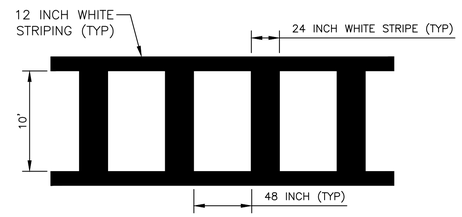
CITY OF MORGAN HILL

GENERAL STRIPING NOTES

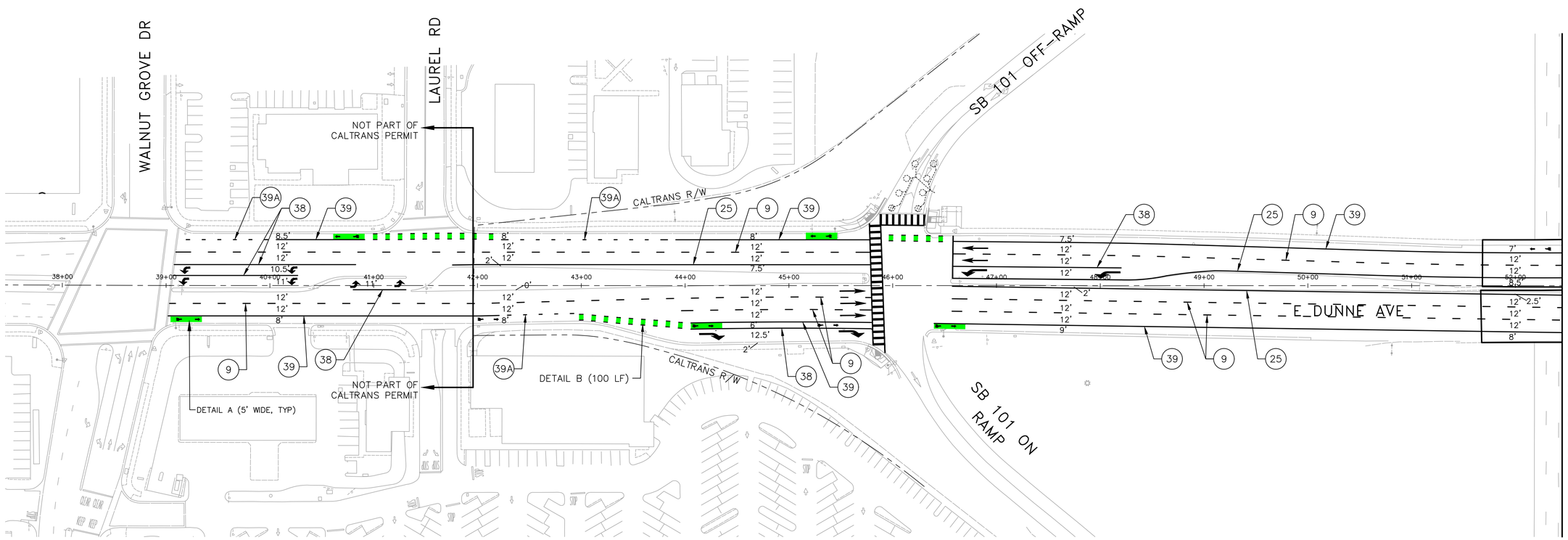
1. ALL EXISTING STRIPING AND PAVEMENT MARKINGS WITHIN THE LIMITS OF THE PROPOSED MILL AND FILL IMPROVEMENTS WILL BE REMOVED AS PART OF THE MILL ACTIVITIES. ALL OTHER EXISTING STRIPING OUTSIDE OF THE MILL AND FILL LIMITS BUT WITHIN THE PROPOSED STRIPING LIMITS SHALL BE REMOVED AS NECESSARY TO ACCOMMODATE AND AVOID CONFLICT WITH THE NEW STRIPING IMPROVEMENTS.
2. ALL CONSTRUCTION MATERIALS, STRIPING, PAVEMENT MARKINGS, AND PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
3. ALL STRIPING ON BRIDGE DECKS, AS WELL AS ALL LANE LINES ON NORMAL ROADWAY (NON-BRIDGE DECKS), SHALL USE TRAFFIC STRIPE TAPE IN ACCORDANCE WITH CALTRANS MOMORANDUM TITLED "LONGITUDINAL PAVEMENT MARKING POLICY", DATED JUNE 2, 2020. ALL OTHER ROADWAY STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
4. ALL NEW CROSSWALK AND LIMIT LINE STRIPES SHALL BE 12" WHITE, UNLESS OTHERWISE NOTED ON THE PLANS. THE INSIDE DIMENSION OF CROSSWALK SHALL BE 10'.

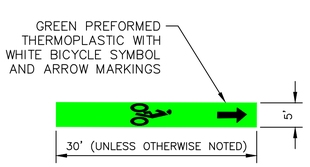


HIGH VISIBILITY CROSSWALK DETAIL
NO SCALE

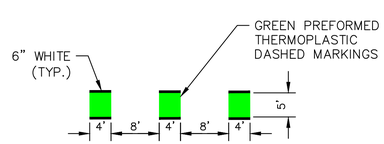
LEGEND (SHEETS PD-1 & PD-2)

- = EXISTING STRIPING
- = NEW STRIPING
- = EXISTING PAVEMENT ARROWS
- = NEW TYPE I ARROW (10')
- = NEW TYPE I ARROW (24')
- = NEW TYPE III ARROWS
- = NEW TYPE IV ARROWS
- = NEW TYPE VII ARROW
- = NEW BIKE LANE PAVEMENT LEGEND
- = NEW YIELD LINE ISOSCELES TRIANGLES
- (#) = CALTRANS STRIPING DETAIL #

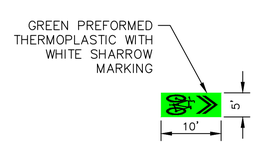




DETAIL "A"
NTS



DETAIL "B"
NTS



DETAIL "C"
NTS

0 50 100 150
SCALE IN FEET: 1"= 50

PD-1
PROPOSED PAVEMENT DELINEATION PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED-DESIGNED BY: YAT CHO
CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY
DATE REVISED

LAST REVISION 03-08-21
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

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Mar 22, 2024, 12:49pm

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	10	31

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

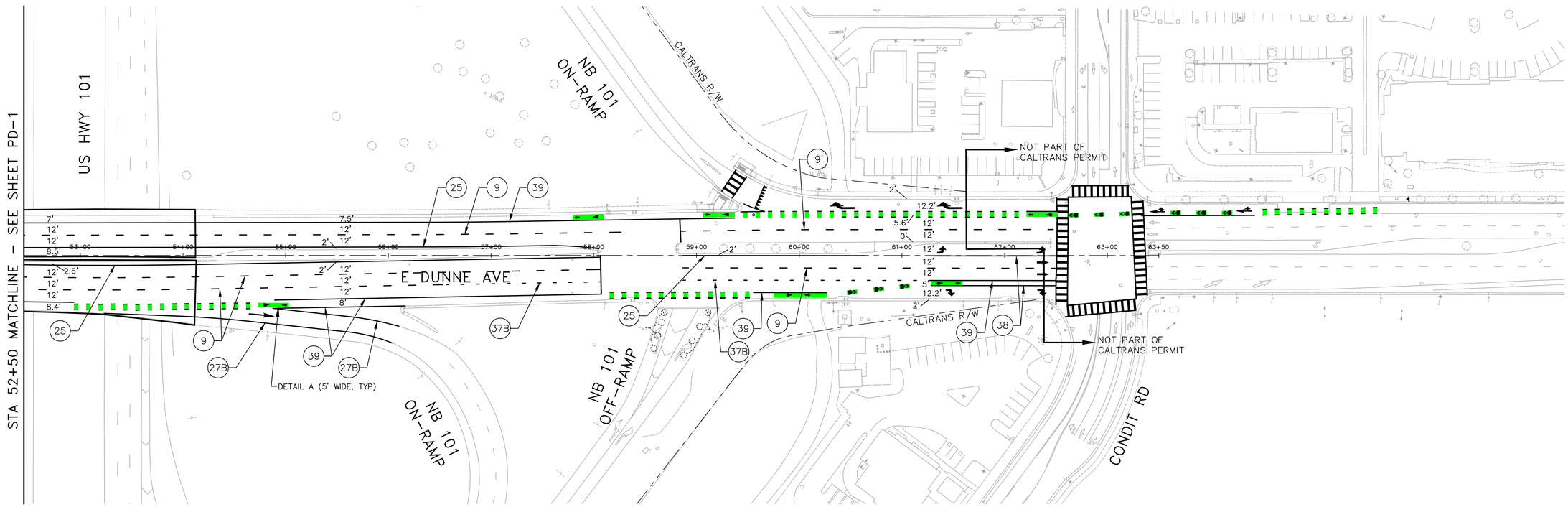
REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

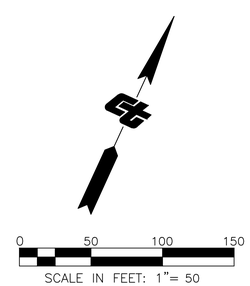
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF MORGAN HILL

LEGEND (SHEETS PD-1 & PD-2)

- = EXISTING STRIPING
- = NEW STRIPING
- = EXISTING PAVEMENT ARROWS
- = NEW TYPE I ARROW (10')
- = NEW TYPE I ARROW (24')
- = NEW TYPE III ARROWS
- = NEW TYPE IV ARROWS
- = NEW TYPE VII ARROW
- = NEW BIKE LANE PAVEMENT LEGEND
- = NEW YIELD LINE ISOSCELES TRIANGLES
- (#) = CALTRANS STRIPING DETAIL #





PD-2
PROPOSED PAVEMENT DELINEATION PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED–DESIGNED BY: YAT CHO

CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY

DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME =>
DGN FILE =>

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT xxxx

PROJECT NUMBER & PHASE 519000

LAST REVISION 03–08–21

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Mar 22, 2024, 12:49pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	11	32

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CITY OF MORGAN HILL

PAVEMENT DELINEATION QUANTITIES

SHEET NO.	STATION	DETAIL NO.	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 6" YELLOW	6" WHITE	6" (BROKEN 36–12)	6" (BROKEN 17–7)	6" (BROKEN 8–4)	8" (BROKEN 12–3)	8" WHITE	TRAFFIC STRIPE TAPE 6" YELLOW	6" WHITE	6" (BROKEN 36–12)	6" (BROKEN 17–7)	6" (BROKEN 8–4)	8" (BROKEN 12–3)	8" WHITE	PAVEMENT MARKER RETROREFLECTIVE TYPE D	TYPE G	TYPE RY
			LF							LF							EA		
PD–1, PD–2,	39+00 TO 63+50	9											5,766					127	
	39+00 TO 63+50	25								3,593									78
	39+00 TO 63+50	38														1,312		61	
	39+00 TO 63+50	39									3,064								
	39+00 TO 63+50	39A												269					
	39+00 TO 63+50	37B													392			15	
	39+00 TO 63+50	27B									407								
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	39+00 TO 63+50																		
	TOTAL									3,341	3,471		5,766	269	392	1,312			

SHEET NO.	STATION	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY) ARROW TYPE I (10'–0")	TYPE III	TYPE IV	TYPE I	TYPE VI	TYPE VII	CROSSWALK 12" WHITE	12" YELLOW	WHITE (PIANO)	YELLOW (PIANO)	LIMIT LINE	YIELD LINE	SYMBOL	WORDS	BIKE LANE MARKING (GREEN)	REMOVE YELLOW PAINTED MARKER RETROREFLECTIVE 6"	12"
		SQFT						LF				LF		SQFT			EA	
PD–1, PD–2,	39+00 TO 63+50																	
	39+00 TO 63+50																	
	39+00 TO 63+50																	
	39+00 TO 63+50																	
	39+00 TO 63+50																	
	39+00 TO 63+50																	
	39+00 TO 63+50	28																
	39+00 TO 63+50		252															
	39+00 TO 63+50			60														
	39+00 TO 63+50						42											
	39+00 TO 63+50				186													
	39+00 TO 63+50															3,670		
	39+00 TO 63+50									873								
	39+00 TO 63+50							952										
	39+00 TO 63+50												24					
	TOTAL	28	252	60	186		42	952		873						3,670		

PDQ-1
PAVEMENT DELINEATION QUANTITIES
NO SCALE

REVISED BY	DATE REVISED
YAT CHO	LEOPOLDO TRUJILLO

CALCULATED–DESIGNED BY	CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

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4	SCL	101	16.01	12	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

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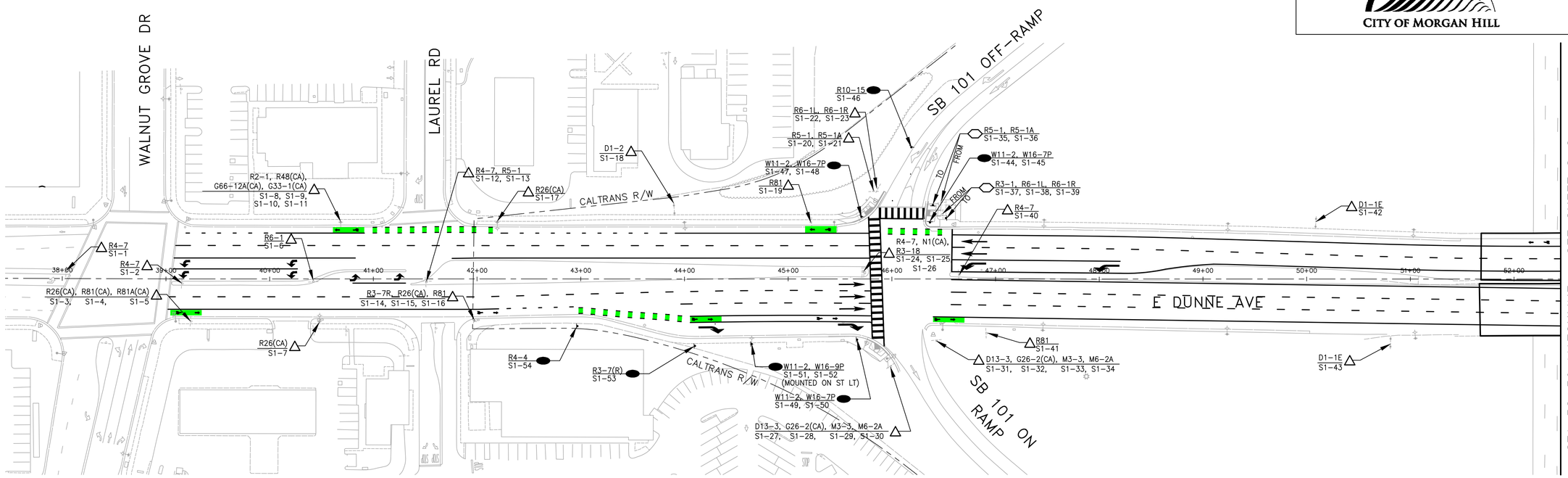
CITY OF MORGAN HILL

LEGEND (SHEETS S-1 & S-2)

- = EXISTING SIGN
- = NEW/RELOCATED SIGN
- = EXISTING SIGN PANEL & POST TO REMAIN
- = RELOCATE EXISTING SIGN PANEL AND POST
- = EXISTING SIGN PANEL AND/OR POST TO BE REMOVED & DISPOSE OF
- = INSTALL NEW SIGN PANEL ON EXISTING POST/LUMINAIRE
- = INSTALL NEW SIGN PANEL & POST



0 50 100 150

SCALE IN FEET: 1"= 50

S-1
ROADSIDE SIGN PLAN
50' SCALE

REVISED BY	DATE REVISED
YAT CHO	LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — DATE 3/22/2024

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CITY OF MORGAN HILL

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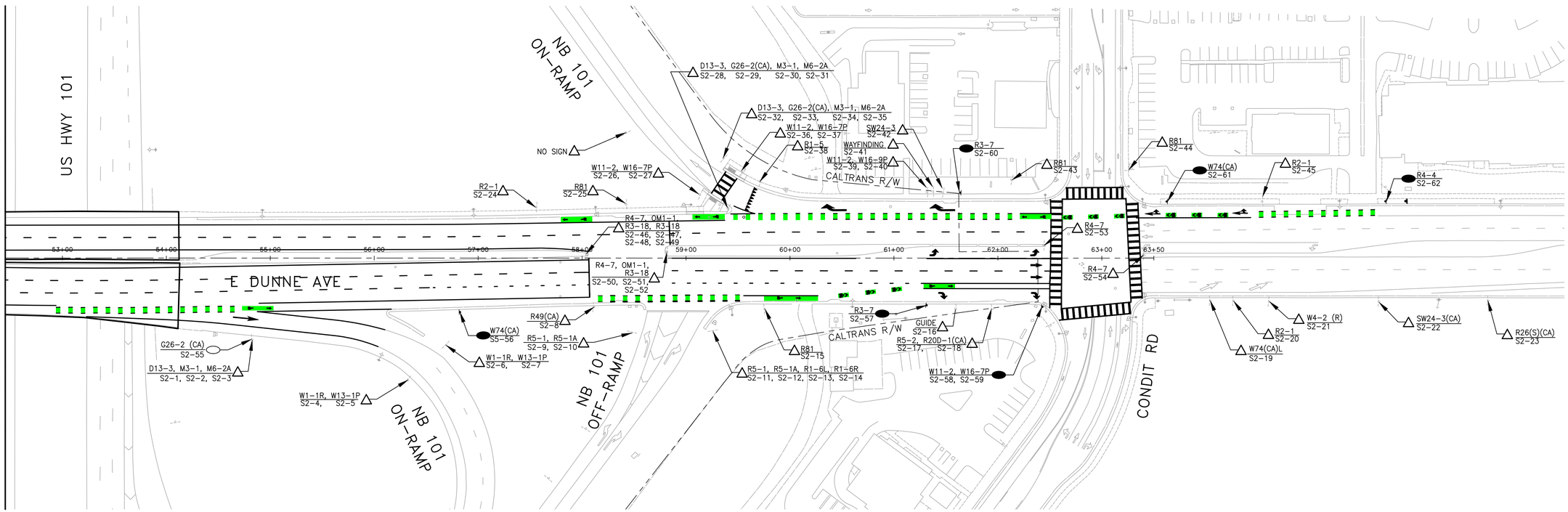
- = INSTALL NEW SIGN PANEL ON EXISTING POST/LUMINAIRE
- = INSTALL NEW SIGN PANEL & POST



0 50 100 150
SCALE IN FEET: 1"= 50

S-2
ROADSIDE SIGN PLAN
50' SCALE

REVISED BY	DATE REVISED
YAT CHO	LEOPOLDO TRUJILLO
CALCULATED–DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	14	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

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CITY OF MORGAN HILL

SHEET NO.	SIGN NO.	CAMUTCD SIGN CODE	PANEL SIZE IN X IN	LEGEND/SYMBOL COLOR	BACKGROUND COLOR	RETROREFLECTIVE SHEETING TYPE (FOR NEW SIGNS) (ASTM D4956-13)	WOOD POST SIZE AND LENGTH 4" X 4"	WOOD POST SIZE AND LENGTH 4" X 6"	PSST POST SIZE AND LENGTH 2" X 2"	PSST POST SIZE AND LENGTH 2.5" X 2.5"	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN	RELOCATE SIGN	EXISTING SIGN TO REMAIN	REMARKS
			L X D				LF		LF				EACH	EACH	EACH	
S-1	S1-1	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S1-2	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S1-3	R26(CA)	12" X 18"	RED	WHITE						1				1	COMBINED ON ONE POST
	S1-4	R81(CA)	12" X 8"	BLACK	WHITE										1	
	S1-5	R81A(CA)	12" X 5"	BLACK	WHITE										1	
	S1-6	R6-1	36" X 12"	BLACK	WHITE						1				1	
	S1-7	R26(CA)	12" X 18"	RED	WHITE										1	ON STREETLIGHT
	S1-8	R2-1 (40)	30" X 36"	BLACK	WHITE										1	COMBINED ON STREETLIGHT
	S1-9	R48(CA)	24" X 30"	BLACK	WHITE										1	
	S1-10	G66-12A(CA)	24" X 6"	WHITE	BLUE										1	
	S1-11	G33-1(CA)	6" X 24"	WHITE	BLUE										1	
	S1-12	R4-7	24" X 30"	BLACK	WHITE						1				1	COMBINED ON ONE POST
	S1-13	R5-1	36" X 36"	WHITE	RED										1	
	S1-14	R3-7R	36" X 36"	BLACK	WHITE										1	COMBINED ON STREETLIGHT
	S1-15	R26(CA)	12" X 18"	RED	WHITE										1	
	S1-16	R81(CA)	12" X 8"	BLACK	WHITE										1	
	S1-17	R26(CA)	12" X 18"	RED	WHITE										1	ON STREETLIGHT
	S1-18	D1-2	72" X 30"	WHITE	GREEN							1			1	
	S1-19	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S1-20	R5-1	36" X 36"	WHITE	RED						1				1	COMBINED ON ONE POST
	S1-21	R5-1A	36" X 24"	WHITE	RED										1	
	S1-22	R6-1R	54" X 18"	BLACK	WHITE						1				1	COMBINED ON ONE POST
	S1-23	R6-1L	54" X 18"	BLACK	WHITE										1	
	S1-24	R4-7	24" X 30"	BLACK	WHITE										1	COMBINED ON STREETLIGHT
	S1-25	N1(CA)	18" X 18"		YELLOW										1	
	S1-26	R3-18	30" X 30"	BLACK	WHITE										1	
	S1-27	D13-3	48" X 30"	WHITE	GREEN						1				1	COMBINED ON ONE POST
	S1-28	G26-2(CA)	21" X 18"	BLACK	WHITE										1	
	S1-29	M3-3	24" X 12"	BLACK	WHITE										1	
	S1-30	M6-2A	21" X 15"	BLACK	WHITE										1	
	S1-31	D13-3	48" X 30"	WHITE	GREEN						1				1	COMBINED ON ONE POST
	S1-32	G26-2(CA)	21" X 18"	BLACK	WHITE										1	
	S1-33	M3-3	24" X 12"	BLACK	WHITE										1	
	S1-34	M6-2A	21" X 15"	BLACK	WHITE										1	
	S1-35	R5-1	36" X 36"	WHITE	RED						1			1		RELOCATE SIGNS AND POST
	S1-36	R5-1A	36" X 24"	WHITE	RED									1		
	S1-37	R3-1	36" X 36"	BLACK/RED	WHITE						1			1		RELOCATE SIGNS AND POST
	S1-38	R6-1R	54" X 18"	BLACK	WHITE									1		
	S1-39	R6-1L	54" X 18"	BLACK	WHITE									1		
	S1-40	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S1-41	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S1-42	D1-1E	72" X 42"	WHITE	GREEN							1			1	
	S1-43	D1-1E	72" X 42"	WHITE	GREEN							1			1	
	S1-44	W11-2	36" X 36"	BLACK	YELLOW	XI				13'	1		1			COMBINED ON ONE POST
	S1-45	W16-7P	24" X 12"	BLACK	YELLOW	XI							1			

SQ-1
SIGN QUANTITIES
NO SCALE

REVISED BY	DATE REVISED
.	.

YAT CHO — LEOPOLDO TRUJILLO

CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

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4	SCL	101	16.01	15	32

REGISTERED CIVIL ENGINEER 3/22/2024 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

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CITY OF MORGAN HILL

SHEET NO.	SIGN NO.	CAMUTCD SIGN CODE	PANEL SIZE IN X IN	LEGEND/SYMBOL COLOR	BACKGROUND COLOR	RETROREFLECTIVE SHEETING TYPE (FOR NEW SIGNS) (ASTM D4956-13)	WOOD POST SIZE AND LENGTH 4" X 4"	WOOD POST SIZE AND LENGTH 4" X 6"	PSST POST SIZE AND LENGTH 2" X 2"	PSST POST SIZE AND LENGTH 2.5" X 2.5"	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN	RELOCATE SIGN	EXISTING SIGN TO REMAIN	REMARKS
			L X D				LF		LF				EACH	EACH	EACH	
S-1	S1-46	R10-15	30" X 30"	BLACK/RED	WHITE/YELLOW	VIII/XI				11'	1		1			
	S1-47	W11-2	36" X 36"	BLACK	YELLOW	XI				13'	1		1			COMBINED ON ONE POST
	S1-48	W16-7P	24" X 12"	BLACK	YELLOW	XI							1			
	S1-49	W11-2	36" X 36"	BLACK	YELLOW	XI				13'	1		1			COMBINED ON ONE POST
	S1-50	W16-7P	24" X 12"	BLACK	YELLOW	XI							1			
	S1-51	W11-2	36" X 36"	BLACK	YELLOW	XI				13'	1		1			COMBINED ON ONE POST
	S1-52	W16-9P	24" X 12"	BLACK	YELLOW	XI							1			
	S1-53	R3-7R	36" X 36"	BLACK	WHITE	VIII				11'	1		1			
	S1-54	R4-4	30" X 36"	BLACK	WHITE	VIII				11'	1		1			
S-2	S2-1	D13-3	48" X 30"	WHITE	GREEN						1				1	COMBINED ON ONE POST
	S2-2	M3-1	24" X 12"	BLACK	WHITE										1	
	S2-3	M6-2A	21" X 15"	BLACK	WHITE										1	
	S2-4	W1-1R	36" X 36"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-5	W13-1P	30" X 30"	BLACK	YELLOW										1	
	S2-6	W1-1R	36" X 36"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-7	W13-1P	30" X 30"	BLACK	YELLOW										1	
	S2-8	R49(CA)	42" X 18"	BLACK	WHITE						1				1	
	S2-9	R5-1	36" X 36"	WHITE	RED						1				1	COMBINED ON ONE POST
	S2-10	R5-1A	36" X 24"	WHITE	RED										1	
	S2-11	R5-1	36" X 36"	WHITE	RED						1				1	COMBINED ON ONE POST
	S2-12	R5-1A	36" X 24"	WHITE	RED										1	
	S2-13	R6-1L	54" X 18"	BLACK	WHITE										1	
	S2-14	R6-1R	54" X 18"	BLACK	WHITE										1	
	S2-15	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S2-16	GUIDE	–								1				1	
	S2-17	R5-2	24" X 24"	BLACK/RED	WHITE						1				1	COMBINED ON ONE POST
	S2-18	R20D-1(CA)	30" X 9"	BLACK	WHITE										1	
	S2-19	W74(CA)L	36" X 36"	BLACK	YELLOW						1				1	
	S2-20	R2-1(40)	30" X 36"	BLACK	WHITE						1				1	
	S2-21	W4-2	36" X 36"	BLACK	YELLOW						1				1	
	S2-22	SW24-3(CA)	36" X 48"	BLACK	YELLOW						1				1	
	S2-23	R26S(CA)	12" X 18"	RED	WHITE						1				1	
	S2-24	R2-1(40)	30" X 36"	BLACK	WHITE						1				1	
	S2-25	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S2-26	W11-2	36" X 36"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-27	W16-9P	24" X 12"	BLACK	YELLOW										1	
	S2-28	D13-3	48" X 30"	WHITE	GREEN						1				1	COMBINED ON ONE POST
	S2-29	G26-2(CA)	21" X 18"	BLACK	WHITE										1	
	S2-30	M3-1	24" X 12"	BLACK	WHITE										1	
	S2-31	M6-2A	21" X 15"	BLACK	WHITE										1	
	S2-32	D13-3	48" X 30"	WHITE	GREEN						1				1	COMBINED ON ONE POST
	S2-33	G26-2(CA)	21" X 18"	BLACK	WHITE										1	
	S2-34	M3-1	24" X 12"	BLACK	WHITE										1	
	S2-35	M6-2A	21" X 15"	BLACK	WHITE										1	
	S2-36	W11-2	36" X 36"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-37	W16-9P	24" X 12"	BLACK	YELLOW										1	

NOTE: REFER TO SHEET SQ-1 FOR ADDITIONAL S-2 SIGN QUANTITIES.

SQ-2
SIGN QUANTITIES
50' SCALE

REVISED BY	DATE REVISED
.	.

YAT CHO — LEOPOLDO TRUJILLO

CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME =>
DGN FILE =>

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT xxxx

PROJECT NUMBER & PHASE 519000

LAST REVISION 03-08-21

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

Drawing: C:\Users\ltruj\OneDrive – tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project-TLE.dwg
Mar 22, 2024, 12:50pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	16	32

REGISTERED CIVIL ENGINEER — 3/22/2024 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

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CITY OF MORGAN HILL

SHEET NO.	SIGN NO.	CAMUTCD SIGN CODE	PANEL SIZE IN X IN	LEGEND/SYMBOL COLOR	BACKGROUND COLOR	RETROREFLECTIVE SHEETING TYPE (FOR NEW SIGNS) (ASTM D4956-13)	WOOD POST SIZE AND LENGTH 4" X 4"	WOOD POST SIZE AND LENGTH 4" X 6"	PSST POST SIZE AND LENGTH 2" X 2"	PSST POST SIZE AND LENGTH 2.5" X 2.5"	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN	RELOCATE SIGN	EXISTING SIGN TO REMAIN	REMARKS
			L X D				LF		LF				EACH	EACH	EACH	
S-2	S2-38	R1-5	36" X 36"	BLACK/RED	WHITE						1				1	
	S2-39	W11-2	36" X 36"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-40	W16-9P	24" X 12"	BLACK	YELLOW										1	
	S2-41	WAYFINDING	–								1				1	
	S2-42	SW24-3(CA)	36" X 48"	BLACK	YELLOW						1				1	
	S2-43	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S2-44	R81(CA)	12" X 8"	BLACK	WHITE						1				1	
	S2-45	R2-1(40)	30" X 36"	BLACK	WHITE						1				1	
	S2-46	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S2-47	OM1-1	18" X 18"		YELLOW										1	
	S2-48	R3-18	24" X 24"	BLACK	WHITE						1				1	COMBINED ON ONE POST
	S2-49	R3-18	24" X 24"	BLACK	WHITE										1	
	S2-50	R4-7	24" X 30"	BLACK	WHITE										1	
	S2-51	OM1-1	18" X 18"	BLACK	YELLOW						1				1	COMBINED ON ONE POST
	S2-52	R3-18	24" X 24"	BLACK	WHITE										1	
	S2-53	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S2-54	R4-7	24" X 30"	BLACK	WHITE						1				1	
	S2-55	G26-2(CA)	21" X 18"	BLACK	WHITE	VIII					1		1			ON EXIST POST
	S2-56	W74(CA)L	36" X 36"	BLACK	YELLOW	XI				11'	1		1			
	S2-57	R3-7R	36" X 36"	BLACK	WHITE	VIII				11'	1		1			
	S2-58	W11-2	36" X 36"	BLACK	YELLOW	XI				13'	1		1			COMBINED ON ONE POST
	S2-59	W16-7P	24" X 12"	BLACK	YELLOW	XI							1			
	S2-60	R3-7R	36" X 36"	BLACK	WHITE	VIII				11'	1		1			
	S2-61	W74(CA)L	36" X 36"	BLACK	YELLOW	XI				11'	1		1			
	S2-62	R4-4	36" X 30"	BLACK	WHITE	VIII				11'	1		1			
							NUMBER OF POSTS									
						TOTAL SQ-1, SQ-2, AND SQ-3	0	0	0	13	60	3	18	5	92	

SQ-3
SIGN QUANTITIES
50' SCALE

REVISED BY	DATE REVISED
YAT CHO	LEOPOLDO TRUJILLO

CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 03-08-21 — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME

Drawing: C:\Users\ltrujillo\OneDrive – ltengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project-TLE.dwg
Mar 22, 2024, 12:59pm

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	17	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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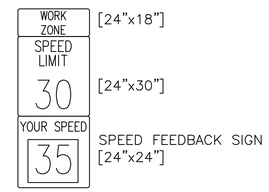
TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

GENERAL TEMPORARY TRAFFIC CONTROL NOTES:

1. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 CA MUTCD LATEST REVISION) AND CALTRANS STANDARD PLANS (DATED 2023).
2. ALL PROPERTY OWNERS AND TENANTS SHALL BE NOTIFIED 7 DAYS IN ADVANCE OF ANY CONSTRUCTION THAT MAY AFFECT PROPERTY ACCESS OR PARKING RESTRICTIONS. ACCESS TO ALL AFFECTED PROPERTIES SHALL BE MAINTAINED OPEN DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
3. ALL SIGNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CALTRANS AND MUTCD SPECIFICATIONS AND SHALL FOLLOW THE CALTRANS GUIDELINES FOR INSTALLATION.
4. ANY EXISTING SIGNS THAT CONFLICT WITH THESE TRAFFIC HANDLING PLANS SHALL BE COVERED OR REMOVED DURING WORKING HOURS.
5. CONSTRUCTION SIGNS SHALL HAVE ORANGE BACKGROUNDS (RETROREFLECTIVE) WITH BLACK LETTERS AND NUMBERS. THE ORANGE RETOREFLECTIVE BACKGROUND SHALL BE TYPE 3 OR TYPE 4 PER CALTRANS STANDARDS.
6. SIGN PANEL SIZE SHALL BE STANDARD SIZE PER THE MUTCD OR AS SHOWN ON THE PLANS.
7. CONSTRUCTION SIGNS SHALL BE MOUNTED ON THEIR OWN SUITABLE BARRICADES OR POSTS.
8. SIGNS SHALL BE INSTALLED AND REMOVED BY THE CONTRACTOR AT NO COST TO CALTRANS. ALL TEMPORARY SIGNS SHALL BE COVERED UNTIL THEY ARE NEEDED FOR ACTUAL USE.
9. ACTUAL SIGN INSTALLATION LOCATIONS ARE TO BE DETERMINED IN THE FIELD. ALL NEW SIGNS SHALL BE INSTALLED PER CALTRANS STD PLANS RS1–RS4 OR ON APPROVED BARRICADES. SIGN LOCATIONS SHALL BE APPROVED BY THE CITY ENGINEER/INSPECTOR PRIOR TO ANY INSTALLATION WORK.
10. SIGNS SHALL BE INSTALLED/PLACED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THESE PLANS AND AS DIRECTED BY THE CITY.
11. SIGNS SHALL BE DESIGNED AND COMMERCIALLY MANUFACTURED ACCORDING TO CURRENT CALTRANS STANDARD SPECIFICATIONS AND CA MUTCD.
12. ANY EXISTING SIGNS, STRIPING, AND/OR PAVEMENT MARKINGS THAT CONFLICT WITH THESE TRAFFIC HANDLING PLANS SHALL BE COVERED OR REMOVED DURING CONSTRUCTION. REMOVAL OF ROADWAY STRIPING AND/OR PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH CURRENT CALTRANS AND CA MUTCD STANDARDS. SIGNS, STRIPING, AND/OR PAVEMENT MARKINGS SHALL BE RESTORED TO EXISTING CONDITIONS, TO THE SATISFACTION OF THE CITY ENGINEER/INSPECTOR, ONCE CONSTRUCTION IS COMPLETE.

RECOMMENDED ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
Urban – 25 mph or less	100 feet	100 feet	100 feet
Urban – more than 25mph to 40mph	250 feet	250 feet	250 feet
Urban – more than 40mph	350 feet	350 feet	350 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet



DETAIL "A"
VEHICLE SPEED FEEDBACK SIGN

TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES (for 12 feet Offset Width)

SPEED (MPH)	MINIMUM TAPER LENGTH		
	MERGING L (FEET)	SHIFTING L/2 (FEET)	SHOULDER L/3 (FEET)
20	80	40	27
25	125	63	42
30	180	90	60
35	245	123	82
40	320	160	107
45	540	270	180
50	600	300	200
55	660	330	220
60	720	360	240

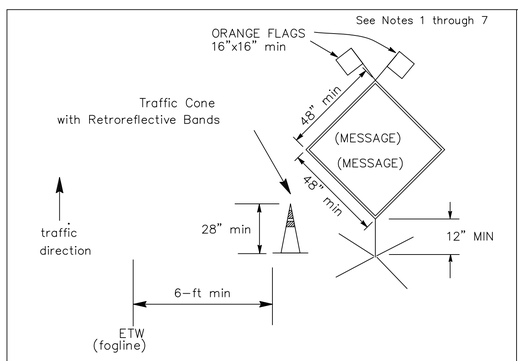
FOR SPEEDS OF 40MPH OR LESS, L=WS /60
FOR SPEEDS OF 45 MPH OR MORE, L=WS

WHERE: L = TAPER LENGTH IN FEET
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED LIMIT, OFF–PEAK 85% SPEED PRIOR TO WORK, OR THE ANTICIPATED OPERATING SPEED IN MPH

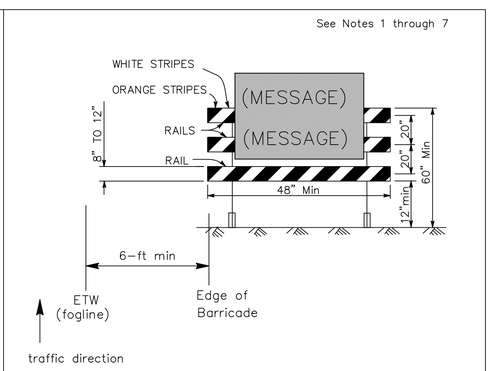
MAXIMUM SPACING OF CHANNELIZING DEVICES

SPEED (MPH)	MAXIMUM CHANNELIZING DEVICES SPACING		
	TAPER (FEET)	TANGENT (FEET)	CONFLICT (FEET)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	50	100	25
60	50	100	25

TYPICAL TEMPORARY SIGN SUPPORTS DETAILS



DETAIL B: PORTABLE SIGN ON SIGN STAND

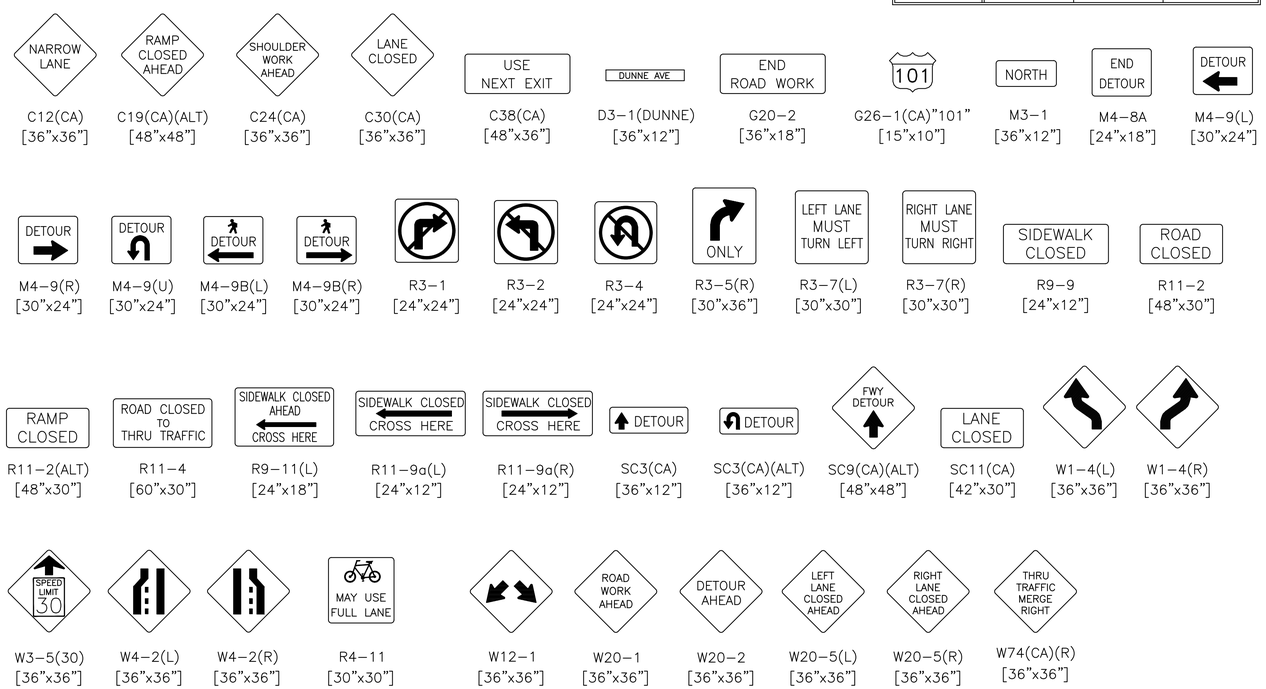


DETAIL C: SIGN ON TYPE 3 BARRICADE

NOTES:

1. MAINTAIN A 4–FOOT MINIMUM CLEARANCE ON SIDEWALKS AT ALL TIMES AND A MINIMUM 5–FOOT CLEARANCE ADJACENT TO A DROP OFF, SUCH AS A CURB FACE OR GUTTER.
2. SIGNS SHALL NOT INTERFERE WITH THE VISIBILITY OF OTHER EXISTING SIGNS.
3. SIGN SUPPORTS MUST BE NCHRP REPORT 350 ELIGIBLE OR MASH (MANUAL FOR ASSESSING SAFETY HARDWARE) CRASHWORTHY.
   INFORMATION ON NCHRP REPORT 350 ELIGIBLE DEVICES CAN BE FOUND AT:
   HTTPS://HIGHWAYS.DOT.GOV/SAFETY/RWD/REDUCE–CRASH–SEVERITY
   INFORMATION ON MASH CAN BE FOUND AT:
   HTTPS://DOT.CA.GOV/PROGRAMS/SAFETY–PROGRAMS/MASH
4. SIGN MESSAGE, COLOR, SHAPE, AND SIZE MUST CONFORM TO THE CURRENT CALTRANS STANDARDS SPECIFICATIONS AND CURRENT CA MUTCD (CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES). (I.E. RECTANGULAR OR DIAMOND SHAPE)
   INFORMATION ON CALTRANS SIGN SPECIFICATIONS CAN BE FOUND AT:
   HTTP://WWW.DOT.CA.GOV/PROGRAMS/SAFETY–PROGRAMS/SIGN–SPECS
5. SIGNS MOUNTED ON TYPE 3 BARRICADES SHALL NOT COVER THE BOTTOM RAIL.
6. SIGN STANDS SHOULD BE WEIGHTED DOWN PER THE STAND MANUFACTURER'S RECOMMENDATIONS. (I.E. SAND/GRAVEL BAGS)
7. SIGNS TO BE PLACED FOR MORE THAN 3 CONSECUTIVE DAYS, SHALL BE POST MOUNTED PER CALTRANS STANDARD PLANS RS1 THROUGH RS4.

SIGN LEGEND:



EB & WB DUNNE AVE
POSTED SPEED LIMIT = 40MPH

NB & SB HWY 101 OFF–RAMP
POSTED SPEED LIMIT = 35MPH

TH-1
TRAFFIC HANDLING GENERAL NOTES AND DETAILS
NO SCALE

REVISED BY	DATE REVISED
.	.

CELINA LEE — LEOPOLDO TRUJILLO — CALCULATED–DESIGNED BY — CHECKED BY
LEOPOLDO TRUJILLO — CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION XX–XX–XX
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive – tlengineering.net\Work\22–017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:46am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	18	31

L. Trujillo 3/11/2024
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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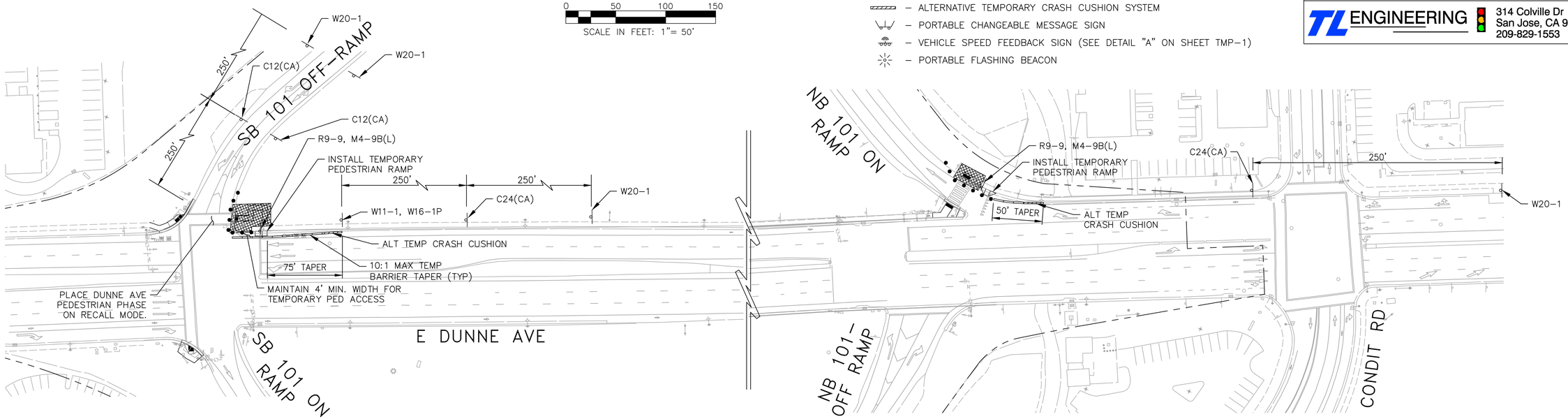
TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

LEGEND

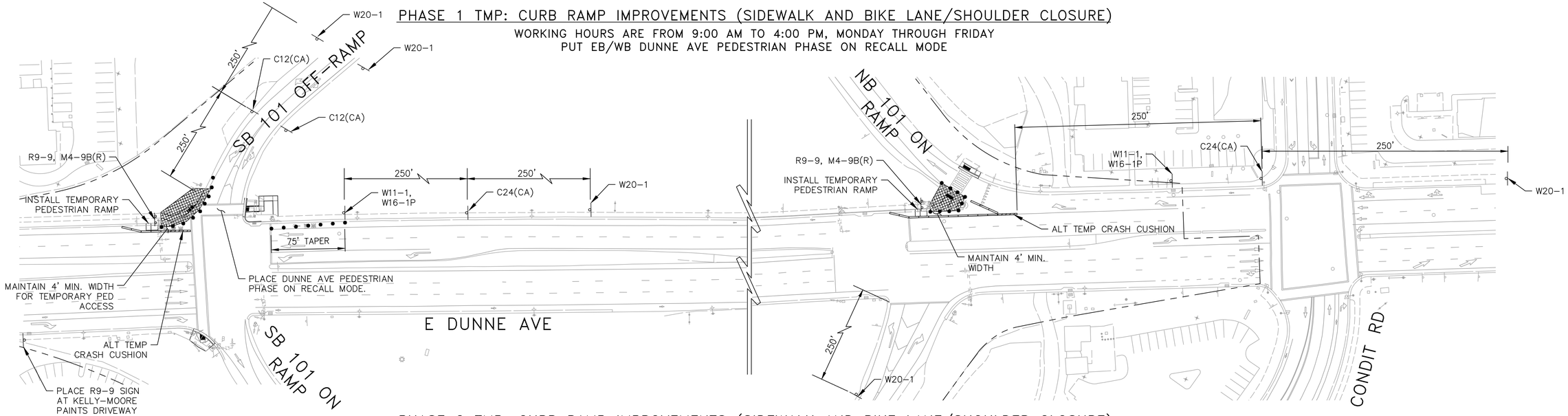
- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON

0 50 100 150
SCALE IN FEET: 1"= 50'



PHASE 1 TMP: CURB RAMP IMPROVEMENTS (SIDEWALK AND BIKE LANE/SHOULDER CLOSURE)

WORKING HOURS ARE FROM 9:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY
PUT EB/WB DUNNE AVE PEDESTRIAN PHASE ON RECALL MODE



PHASE 2 TMP: CURB RAMP IMPROVEMENTS (SIDEWALK AND BIKE LANE/SHOULDER CLOSURE)

WORKING HOURS ARE FROM 9:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY
PUT EB/WB DUNNE AVE PEDESTRIAN PHASE ON RECALL MODE

TH-2
TRAFFIC HANDLING PLAN
50' SCALE

REVISED BY	DATE REVISED
CELINA LEE	LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	LEOPOLDO TRUJILLO

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION XX-XX-XX
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:46am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	19	31

L. Trujillo 3/11/2024
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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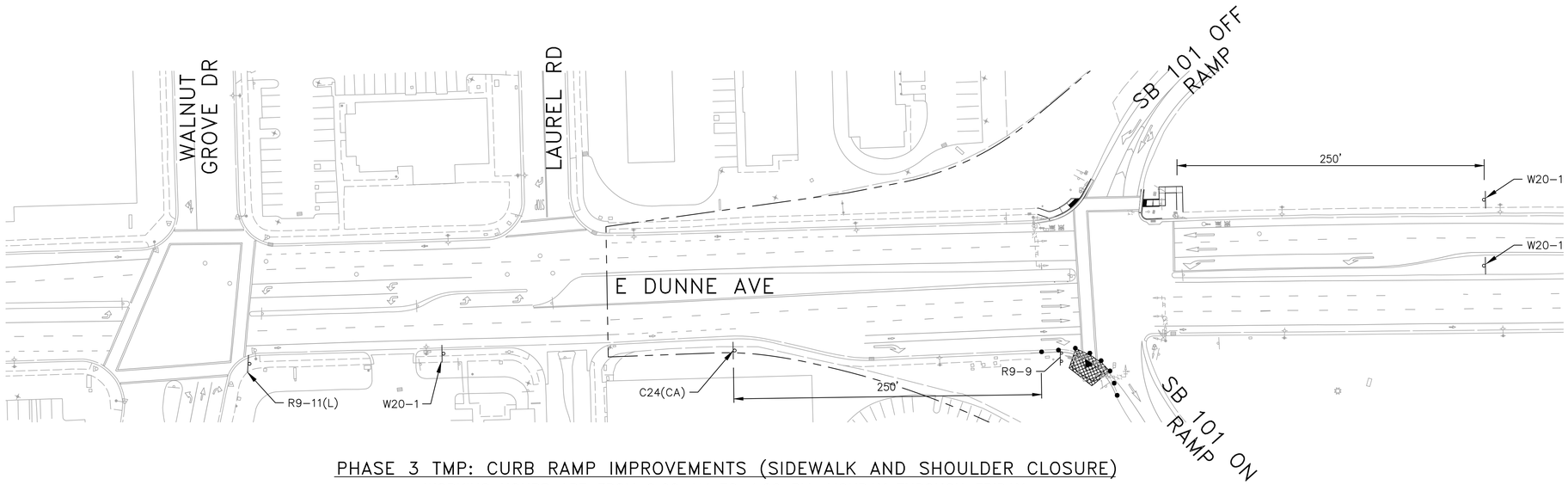
TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON



PHASE 3 TMP: CURB RAMP IMPROVEMENTS (SIDEWALK AND SHOULDER CLOSURE)

WORKING HOURS ARE FROM 9:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY

0 50 100 150
SCALE IN FEET: 1"= 50'

TH-3
TRAFFIC HANDLING PLAN
50' SCALE

REVISED BY	DATE REVISED
.	.

CELINA LEE — LEOPOLDO TRUJILLO — CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

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LAST REVISION XX-XX-XX

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	20	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
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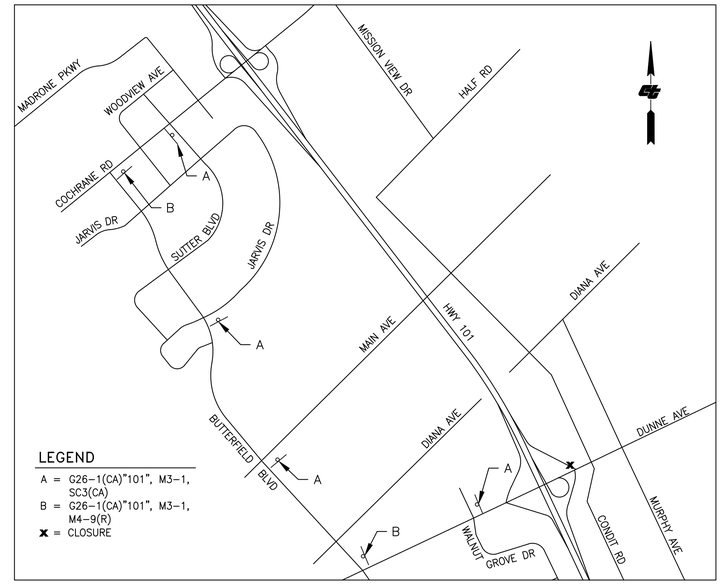
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON

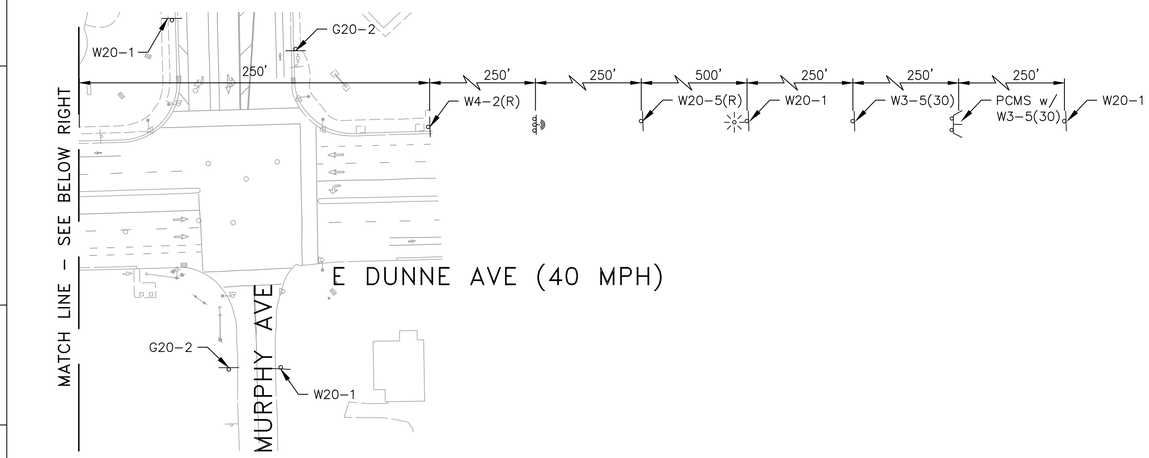
PCMS FOR THIS CONSTRUCTION PHASE

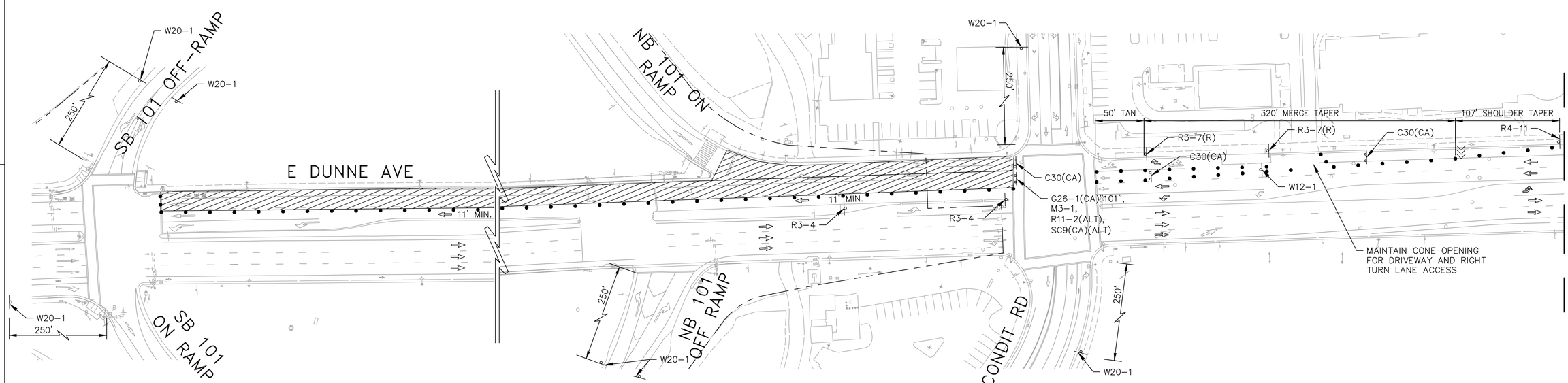
30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)



DETOUR PLAN
NTS

0 50 100 150
SCALE IN FEET: 1"= 50'





PHASE 4 TMP: PAVING IMPROVEMENTS (HWY 101 NB ON RAMP, WB BIKE LANE, AND WB RIGHT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM

TH-4
TRAFFIC HANDLING PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
REVISED BY
DATE REVISED

LAST REVISION XX-XX-XX
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:46am

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0713 | PROJECT NUMBER & PHASE 04140004041

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	21	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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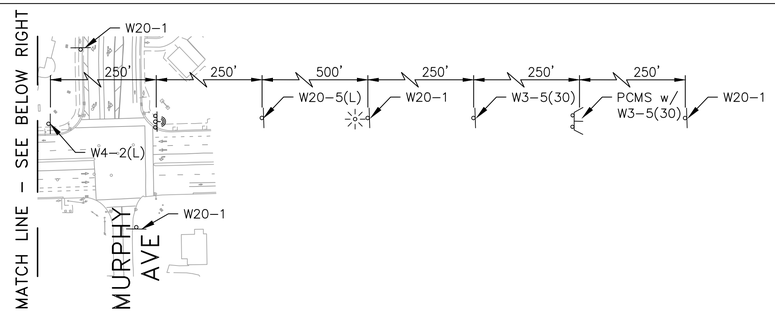
TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

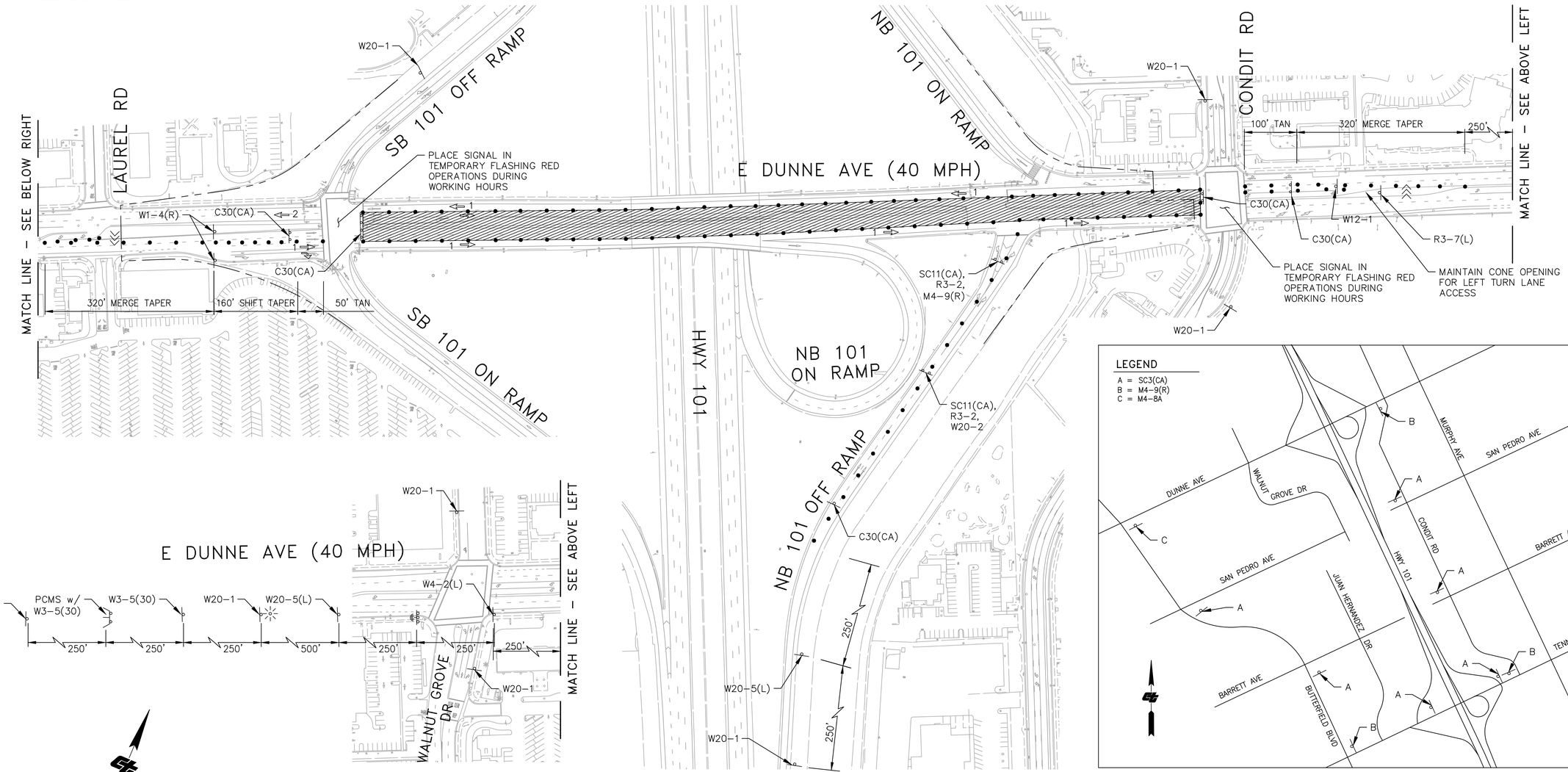
LEGEND

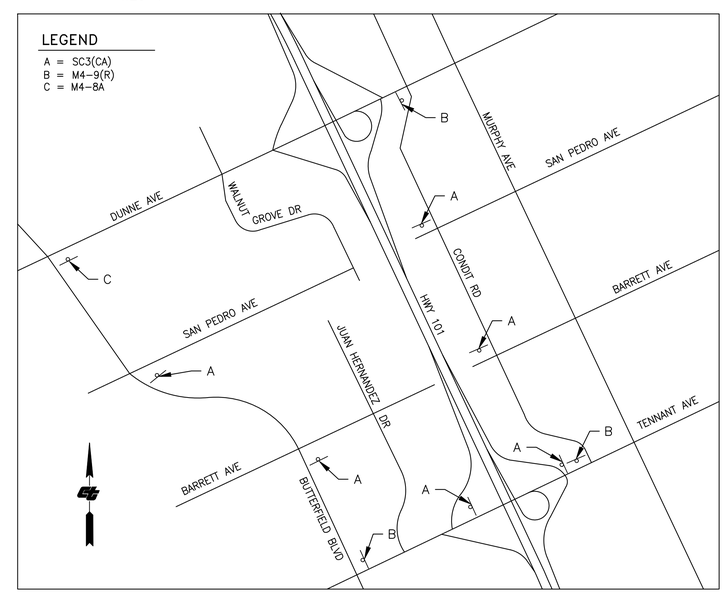
- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON

PCMS FOR THIS CONSTRUCTION PHASE

30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)







DETOUR PLAN
NTS

PHASE 5 TMP: PAVING IMPROVEMENTS (EB AND WB LEFT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM
PUT SIGNALS IN TEMPORARY FLASHING RED OPERATIONS DURING WORKING HOURS

TH-5
TRAFFIC HANDLING PLAN
100' SCALE

REVISED BY	DATE REVISED

CELINA LEE — LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR — LEOPOLDO TRUJILLO
STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION — Caltrans

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TIME PLOTTED => Mar 11, 2024, 8:46am
LAST REVISION XX-XX-XX

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	22	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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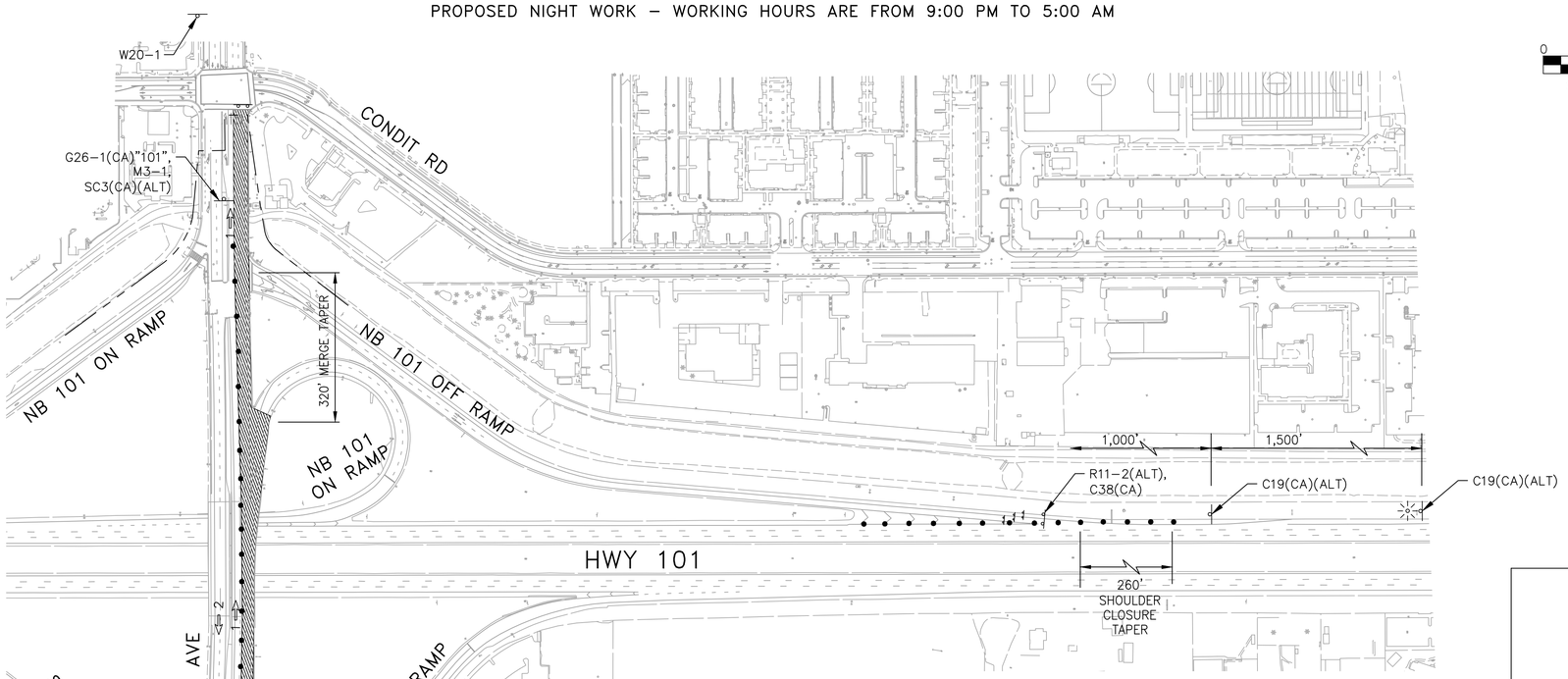
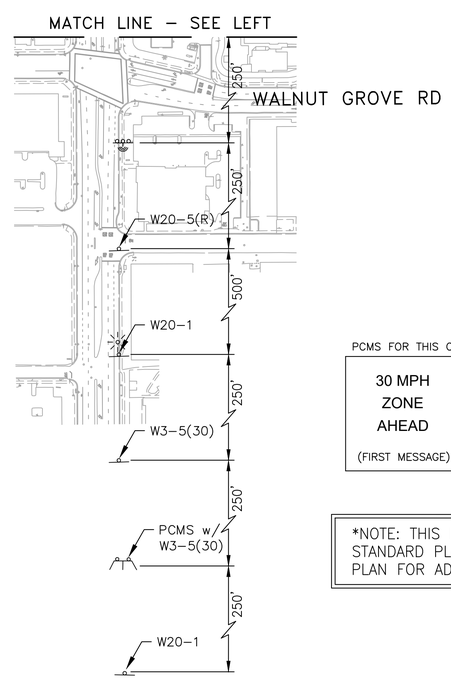
PHASE 6 TMP: PAVING IMPROVEMENTS (HWY 101 LOOP RAMP, HWY 101 NB OFF RAMP, EB BIKE LANE, AND EB RIGHT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM





0 150 300 450
SCALE IN FEET: 1"= 150'

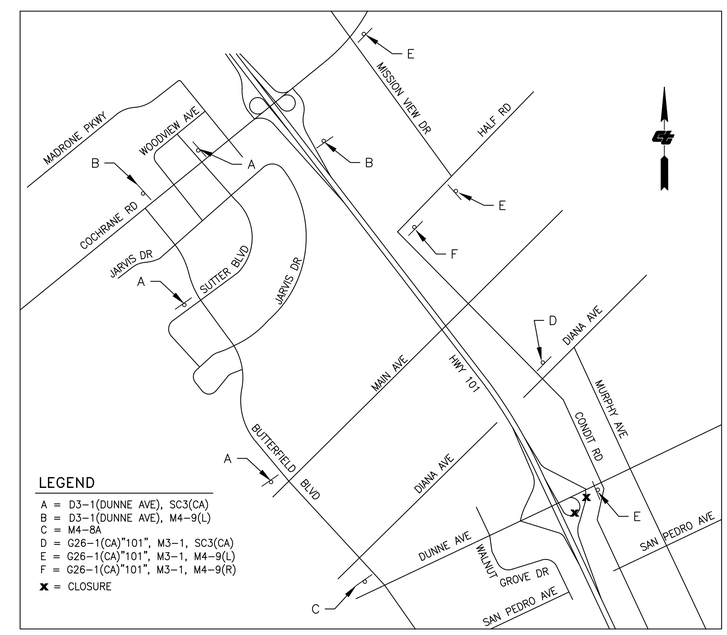
LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON

PCMS FOR THIS CONSTRUCTION PHASE

30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)

*NOTE: THIS PLAN IS PREPARED FOLLOWING CALTRANS STANDARD PLANS T10, T14, & T19. REFER TO THIS PLAN FOR ADDITIONAL DETAILS AND NOTES.



DETOUR PLAN
NTS

TH-6
TRAFFIC HANDLING PLAN
150' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
REVISED BY
DATE REVISED

LAST REVISION XX-XX-XX
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:47am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	23	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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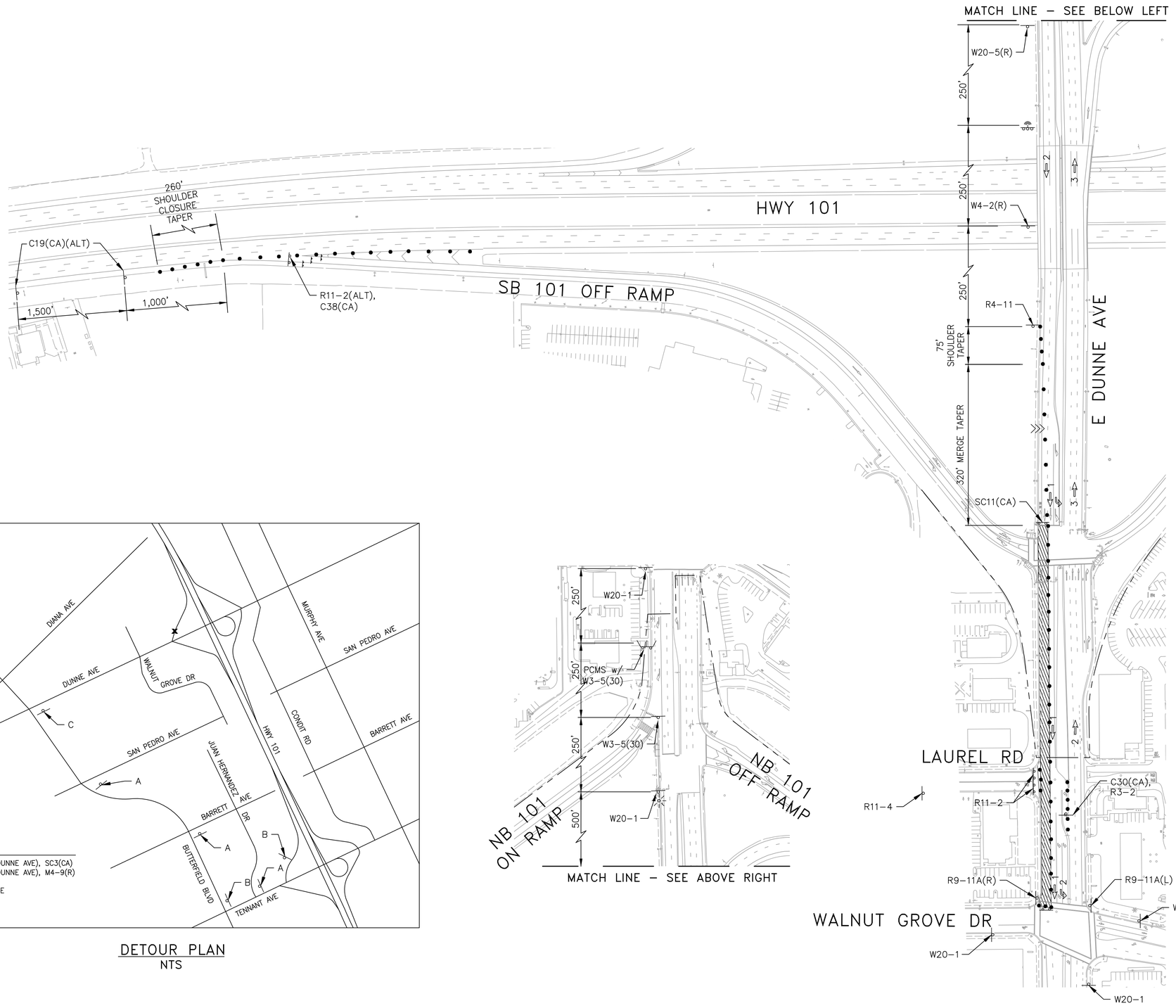


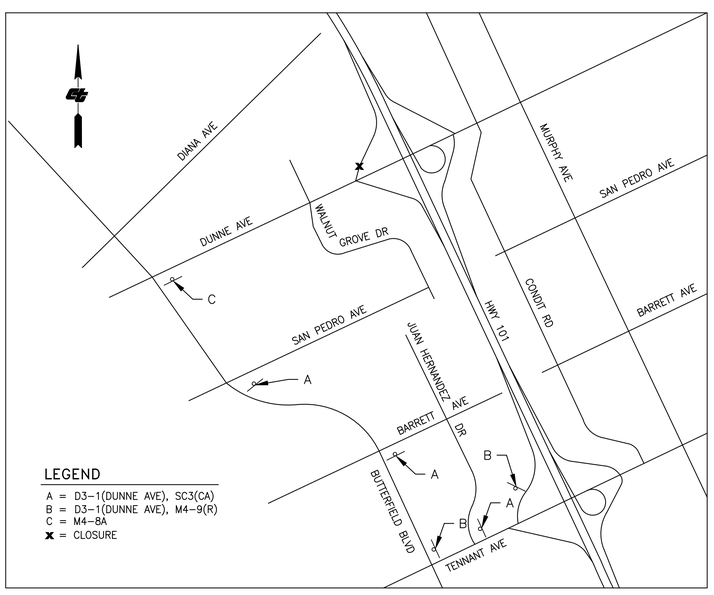
LEGEND

- – WORK AREA
- – DIRECTION OF TRAVEL
- – PORTABLE TRAFFIC SIGN
- – TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- – TYPE 3 BARRICADE
- – FLASHING ARROW BOARD
- – TEMPORARY BARRIER SYSTEM
- – ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- – PORTABLE CHANGEABLE MESSAGE SIGN
- – VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- – PORTABLE FLASHING BEACON

*NOTE: THIS PLAN IS PREPARED FOLLOWING CALTRANS STANDARD PLANS T10, T14, & T19. REFER TO THIS PLAN FOR ADDITIONAL DETAILS AND NOTES.

PCMS FOR THIS CONSTRUCTION PHASE

30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)



DETOUR PLAN
NTS

0 100 200 300
SCALE IN FEET: 1"= 100'

PHASE 7 TMP: PAVING IMPROVEMENTS (HWY 101 SB OFF RAMP, WB BIKE LANE, AND WB RIGHT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM

TH-7
TRAFFIC HANDLING PLAN
100' SCALE

REVISED BY	DATE REVISED
.	.

CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
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LAST REVISION XX-XX-XX

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	24	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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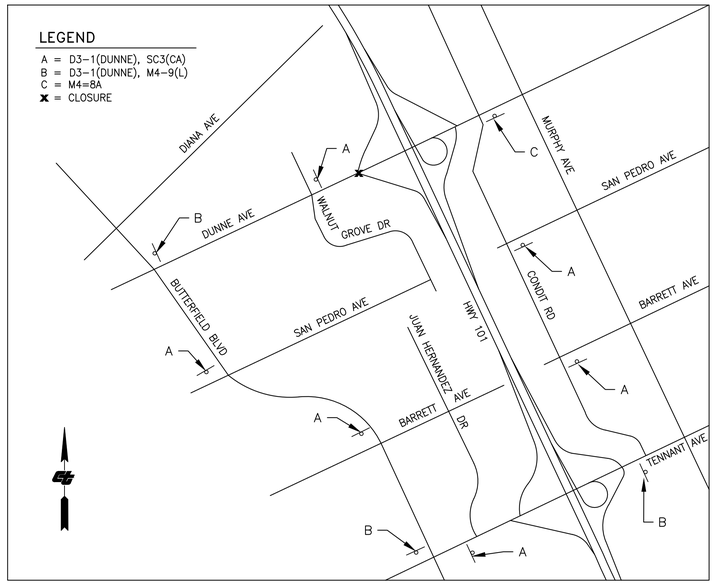
San Jose, CA 95123
209-829-1553

PCMS FOR THIS CONSTRUCTION PHASE

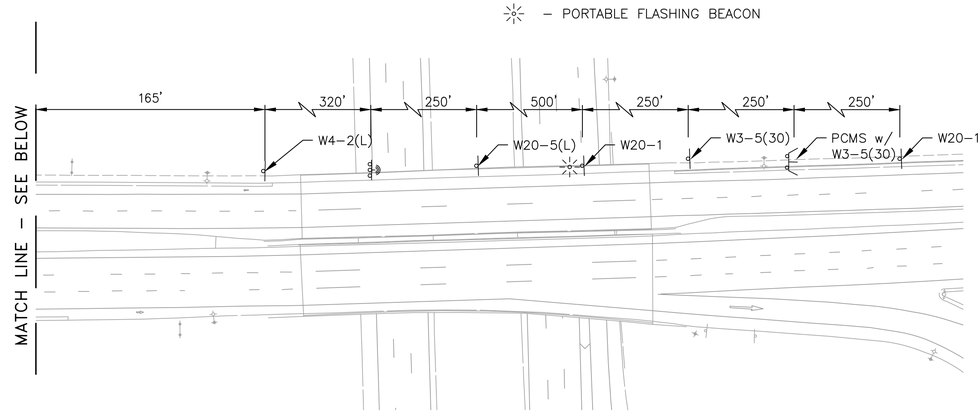
30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)

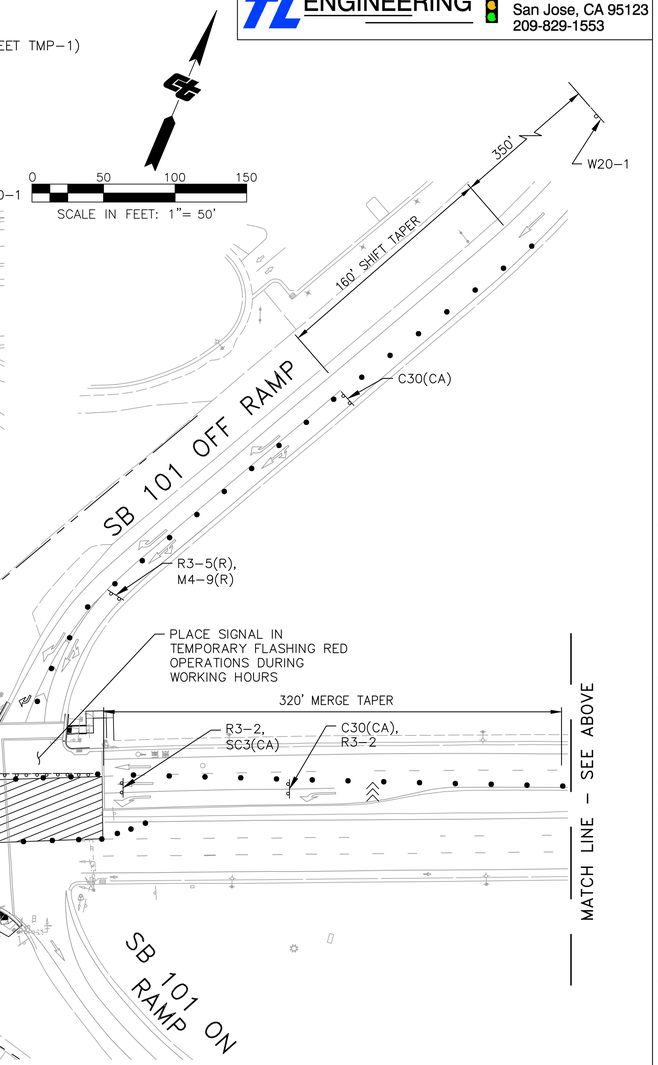
LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON



DETOUR PLAN
NTS

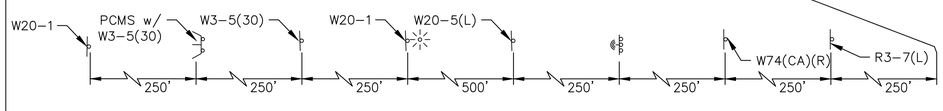




PHASE 8 TMP: PAVING IMPROVEMENTS (EB AND WB LEFT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM

*NOTE: THIS PLAN IS PREPARED FOLLOWING CALTRANS STANDARD PLANS T10 & T14. REFER TO THIS PLAN FOR ADDITIONAL DETAILS AND NOTES.



TH-8
TRAFFIC HANDLING PLAN
50' SCALE

REVISED BY	DATE REVISED

CELINA LEE — LEOPOLDO TRUJILLO — CALCULATED-DESIGNED BY

CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION XX-XX-XX

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	25	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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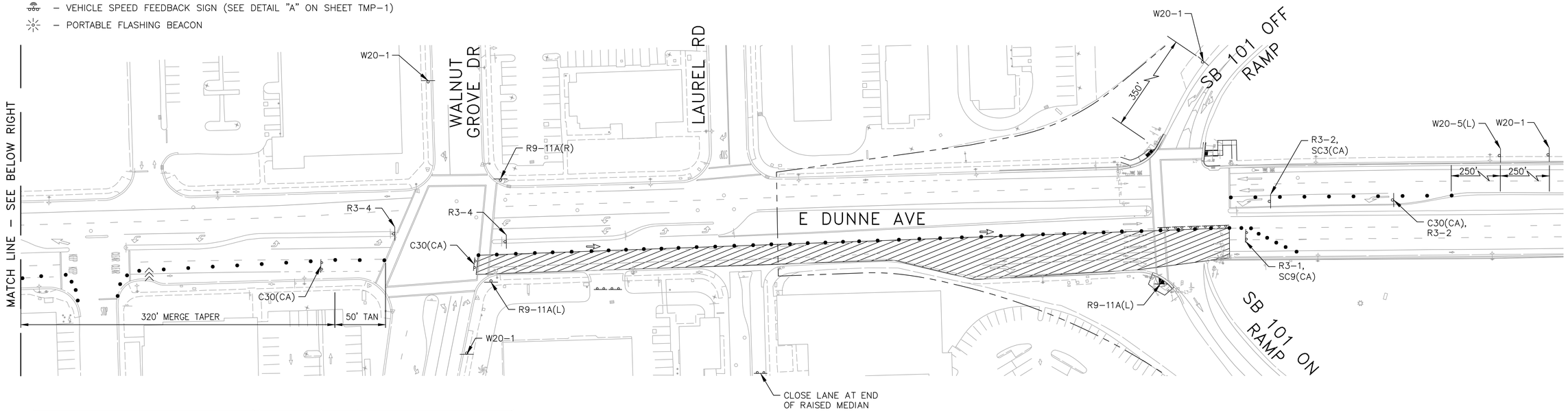
LEGEND

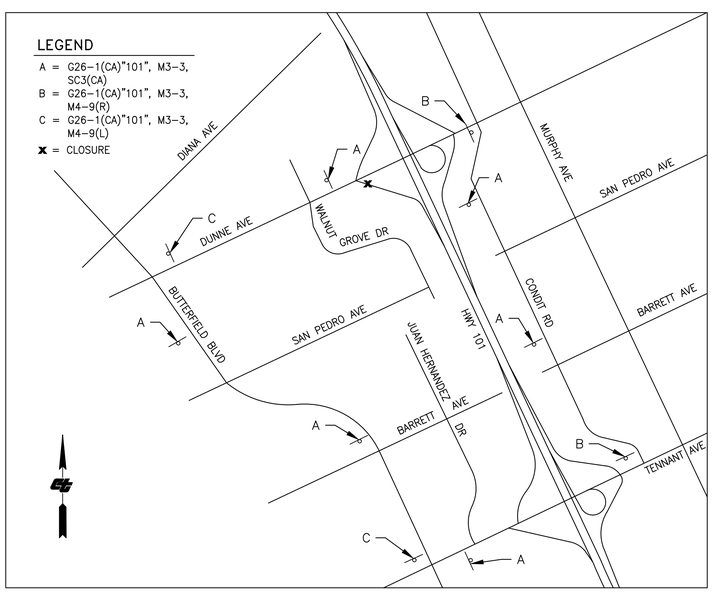
- WORK AREA
- DIRECTION OF TRAVEL
- PORTABLE TRAFFIC SIGN
- TRAFFIC CONES/PORTABLE TUBULAR DELINEATORS
- TYPE 3 BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY BARRIER SYSTEM
- ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN
- VEHICLE SPEED FEEDBACK SIGN (SEE DETAIL "A" ON SHEET TMP-1)
- PORTABLE FLASHING BEACON

PCMS FOR THIS CONSTRUCTION PHASE

30 MPH ZONE AHEAD	WILL BE ENFORCED
(FIRST MESSAGE)	(SECOND MESSAGE)

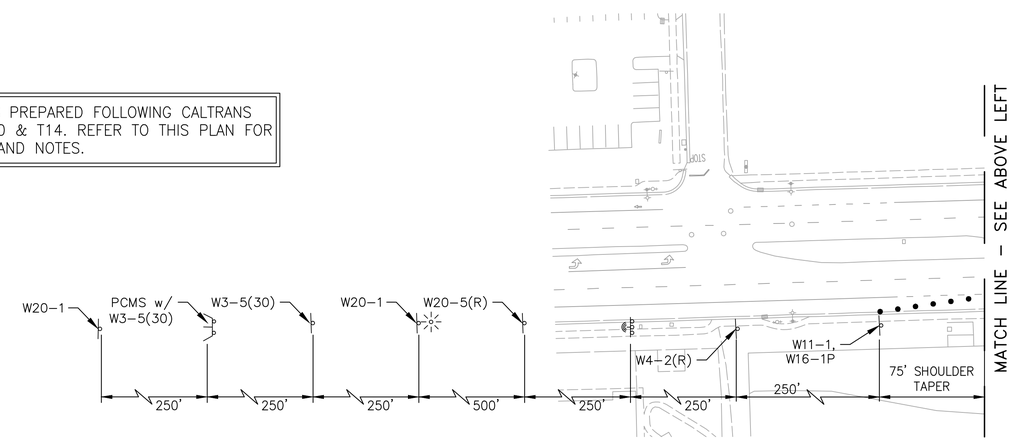
0 50 100 150
SCALE IN FEET: 1"= 50'





DETOUR PLAN
NTS

*NOTE: THIS PLAN IS PREPARED FOLLOWING CALTRANS STANDARD PLANS T10 & T14. REFER TO THIS PLAN FOR ADDITIONAL DETAILS AND NOTES.



PHASE 9 TMP: PAVING IMPROVEMENTS (HWY 101 SB ON RAMP, EB BIKE LANE, AND EB RIGHT LANE CLOSURES)

PROPOSED NIGHT WORK – WORKING HOURS ARE FROM 9:00 PM TO 5:00 AM

TH-9
TRAFFIC HANDLING PLAN
50' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
REVISED BY
DATE REVISED

LAST REVISION XX-XX-XX
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	26	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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SHEET No./ PHASE No.	SIGN No.	SIGN CODE	PANEL SIZE	POST SIZE		BARRICADE		No. OF PCMS	No. OF VSFS	QUANTITY	SIGN MESSAGE / REMARKS
			INCH X INCH	No.	SIZE	No.	TYPE	EA	EA		
TMP-2/ PHASE 1	1	W20-1	36 X 36	1	4" X 6"					4	ROAD WORK AHEAD
	2	C12(CA)	36 X 36	1	4" X 6"					2	NARROW LANE
	3	W11-1	36 X 36	1	4" X 6"					1	BIKE SYMBOL
	4	W16-1P	18 X 24								SHARE THE ROAD
	5	C24(CA)	36 X 36	1	4" X 6"					2	SHOULDER CLOSED AHEAD
	6	R9-9	24 X 12			1	2			2	SIDEWALK CLOSED
	7	M4-9B(L)	30 X 24								PEDESTRIAN DETOUR LEFT ARROW
TMP-2/ PHASE 2	8	W20-1	36 X 36	1	4" X 6"					4	ROAD WORK AHEAD
	9	C12(CA)	36 X 36	1	4" X 6"					2	NARROW LANE
	10	W11-1	36 X 36	1	4" X 6"					2	BIKE SYMBOL
	11	W16-1P	18 X 24								SHARE THE ROAD
	12	C24(CA)	36 X 36	1	4" X 6"					2	SHOULDER CLOSED AHEAD
	13	R9-9	24 X 12			1	2			2	SIDEWALK CLOSED
	14	M4-9B(R)	30 X 24								PEDESTRIAN DETOUR RIGHT ARROW
	15	R9-9	24 X 12			1	2			1	SIDEWALK CLOSED
TMP-3/ PHASE 3	16	W20-1	36 X 36	1	4" X 6"					3	ROAD WORK AHEAD
	17	C24(CA)	36 X 36	1	4" X 6"					1	SHOULDER CLOSED AHEAD
	18	R9-9	24 X 12			1	2			1	SIDEWALK CLOSED
	19	R9-11(L)	24 X 18			1	2			1	SIDEWALK CLOSED AHEAD CROSS HERE LEFT ARROW
TMP-4/ PHASE 4	20	W20-1	36 X 36	1	4" X 6"					11	ROAD WORK AHEAD
	21	W3-5(30)	36 X 36	1	4" X 6"					2	SPEED LIMIT 30 STRAIGHT ARROW
	22	W20-5(R)	36 X 36	1	4" X 6"					1	RIGHT LANE CLOSED AHEAD
	23	W4-2(R)	36 X 36	1	4" X 6"					1	RIGHT LANE MERGE LEFT SYMBOL
	24	W11-1	36 X 36	1	4" X 6"					1	BIKE SYMBOL
	25	W16-1P	18 X 24								SHARE THE ROAD
	26	R3-7(R)	30 X 30	1	4" X 6"					2	RIGHT LANE MUST TURN RIGHT
	27	R3-4	24 X 24	1	4" X 6"					2	NO "U" TURN SYMBOL
	28	W12-1	36 X 36			1	2			1	DIAGONAL DOWN LEFT AND RIGHT ARROWS
	29	C30(CA)	36 X 36			1	3			3	LANE CLOSED
	30	R11-2(ALT)	48 X 30			1	3			1	RAMP CLOSED
	31	G26-1(CA)"101"	15 X 10			1	3			1	HWY "101" SHIELD
	32	M3-1	36 X 12								NORTH
	33	SC9(CA)(ALT)	36 X 36								FWY DETOUR STRAIGHT ARROW
	34	G20-2	36 X 18	1	4" X 6"					2	END ROAD WORK
	35	G26-1(CA)"101"	15 X 10	1	4" X 6"					4	HWY "101" SHIELD
	36	M3-1	36 X 12								NORTH
	37	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	38	G26-1(CA)"101"	15 X 10	1	4" X 6"					2	HWY "101" SHIELD
	39	M3-1	36 X 12								NORTH
	40	M4-9(R)	30 X 24								DETOUR RIGHT ARROW
	41	PCMS						1		1	PORTABLE CHANGEABLE MESSAGE SIGN
	42	VSFS							1	1	VEHICLE SPEED FEEDBACK SIGN
TMP-5/ PHASE 5	43	PCMS						1		2	PORTABLE CHANGEABLE MESSAGE SIGN
	44	VSFS							1	2	VEHICLE SPEED FEEDBACK SIGN
	45	W20-1	36 X 36	1	4" X 6"					12	ROAD WORK AHEAD
	46	W3-5(30)	36 X 36	1	4" X 6"					4	SPEED LIMIT 30 STRAIGHT ARROW
	47	W20-5(L)	36 X 36	1	4" X 6"					3	LEFT LANE CLOSED AHEAD
	48	W4-2(L)	36 X 36	1	4" X 6"					2	LEFT LANE MERGE RIGHT SYMBOL
	49	W1-4(R)	36 X 36	1	4" X 6"					2	SHIFT RIGHT SYMBOL
	50	R3-7(L)	30 X 30	1	4" X 6"					1	LEFT LANE MUST TURN LEFT

THQ-1
TRAFFIC HANDLING QUANTITIES
NO SCALE

REVISED BY | DATE REVISED | CELINA LEE | LEOPOLDO TRUJILLO | CALCULATED-DESIGNED BY | CHECKED BY | CONSULTANT FUNCTIONAL SUPERVISOR | LEOPOLDO TRUJILLO

STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION

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LAST REVISION XX-XX-XX | DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg | TIME PLOTTED => Mar 11, 2024, 8:47am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	27	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

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San Jose, CA 95123
209-829-1553

SHEET No./ PHASE No.	SIGN No.	SIGN CODE	PANEL SIZE	POST SIZE		BARRICADE		No. OF PCMS	No. OF VSFS	QUANTITY	SIGN MESSAGE / REMARKS
			INCH X INCH	No.	SIZE	No.	TYPE	EA	EA		
TMP-5/ PHASE 5 (CONTINUED)	51	C30(CA)	36 X 36			1	3			5	LANE CLOSED
	52	W12-1	36 X 36			1	2			1	DIAGONAL DOWN LEFT AND RIGHT ARROWS
	53	SC11(CA)	42 X 30			1	3			2	LANE CLOSED
	54	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	55	W20-2	36 X 36								DETOUR AHEAD
	56	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	57	M4-9(R)	30 X 24								DETOUR RIGHT ARROW
	58	SC3(CA)	36 X 12	1	4" X 6"					6	DETOUR STRAIGHT ARROW
	59	M4-9(R)	30 X 24	1	4" X 6"					3	DETOUR RIGHT ARROW
	60	M4-8A	24 X 18	1	4" X 6"					1	END DETOUR
TMP-6/ PHASE 6	61	PCMS						1		1	PORTABLE CHANGEABLE MESSAGE SIGN
	62	VSFS							1	1	VEHICLE SPEED FEEDBACK SIGN
	63	W20-1	36 X 36	1	4" X 6"					4	ROAD WORK AHEAD
	64	W3-5(30)	36 X 36	1	4" X 6"					2	SPEED LIMIT 30 STRAIGHT ARROW
	65	W20-5(R)	36 X 36	1	4" X 6"					1	RIGHT LANE CLOSED AHEAD
	66	W4-2(R)	36 X 36	1	4" X 6"					1	RIGHT LANE MERGE LEFT SYMBOL
	67	W11-1	36 X 36	1	4" X 6"					1	BIKE SYMBOL
	68	W16-1P	18 X 24								SHARE THE ROAD
	69	C30(CA)	36 X 36			1	3			2	LANE CLOSED
	70	G26-1(CA)"101"	15 X 10	1	4" X 6"					1	HWY "101" SHIELD
	71	M3-1	36 X 12								NORTH
	72	SC3(CA)(ALT)	36 X 12								DETOUR "U" ARROW
	73	C19(CA)(ALT)	48 X 48	2	4" X 4"					2	RAMP CLOSED AHEAD
	74	R11-2(ALT)	48 X 30			1	3			1	RAMP CLOSED
	75	C38(CA)	48 X 36								USE NEXT EXIT
	76	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					3	DUNNE AVE
	77	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	78	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					2	DUNNE AVE
	79	M4-9(L)	30 X 24								DETOUR LEFT ARROW
	80	M4-8A	24 X 18	1	4" X 6"					1	END DETOUR
TMP-7/ PHASE 7	81	PCMS						1		1	PORTABLE CHANGEABLE MESSAGE SIGN
	82	VSFS							1	1	VEHICLE SPEED FEEDBACK SIGN
	83	W20-1	36 X 36	1	4" X 6"					5	ROAD WORK AHEAD
	84	W3-5(30)	36 X 36	1	4" X 6"					2	SPEED LIMIT 30 STRAIGHT ARROW
	85	W20-5(R)	36 X 36	1	4" X 6"					1	RIGHT LANE CLOSED AHEAD
	86	W4-2(R)	36 X 36	1	4" X 6"					1	RIGHT LANE MERGE LEFT SYMBOL
	87	W11-1	36 X 36	1	4" X 6"					1	BIKE SYMBOL
	88	W16-1P	18 X 24								SHARE THE ROAD
	89	SC11(CA)	42 X 30			1	3			1	LANE CLOSED
	90	R11-4	60 X 30	1	4" X 6"					1	ROAD CLOSED TO THRU TRAFFIC
	91	R11-2	48 X 30			1	3			2	ROAD CLOSED
	92	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	93	C30(CA)	36 X 36								LANE CLOSED
	94	R9-11A(L)	24 X 12			1	2			1	SIDEWALK CLOSED CROSS HERE LEFT ARROW
	95	R9-11A(R)	24 X 12			1	2			1	SIDEWALK CLOSED CROSS HERE RIGHT ARROW
	96	C19(CA)(ALT)	48 X 48	2	4" X 4"					2	RAMP CLOSED AHEAD
	97	R11-2(ALT)	48 X 30			1	3			1	RAMP CLOSED
	98	C38(CA)	48 X 36								USE NEXT EXIT
	99	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					3	DUNNE AVE
	100	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW

THQ-2
TRAFFIC HANDLING QUANTITIES
NO SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
REVISED BY:
DATE REVISED:

LAST REVISION XX-XX-XX
DATE PLOTTED => Drawing: C:\Users\ltru\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:47am

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	28	31

REGISTERED CIVIL ENGINEER — DATE 3/11/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

SHEET No./ PHASE No.	SIGN No.	SIGN CODE	PANEL SIZE	POST SIZE		BARRICADE		No. OF PCMS	No. OF VSFS	QUANTITY	SIGN MESSAGE / REMARKS
			INCH X INCH	No.	SIZE	No.	TYPE	EA	EA		
TMP-7/ PHASE 7 (CONTINUED)	101	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					2	DUNNE AVE
	102	M4-9(R)	30 X 24								DETOUR RIGHT ARROW
	103	M4-8A	24 X 18	1	4" X 6"					1	END DETOUR
TMP-8/ PHASE 8	104	PCMS						1		2	PORTABLE CHANGEABLE MESSAGE SIGN
	105	VSFS							1	2	VEHICLE SPEED FEEDBACK SIGN
	106	W20-1	36 X 36	1	4" X 6"					8	ROAD WORK AHEAD
	107	W3-5(30)	36 X 36	1	4" X 6"					4	SPEED LIMIT 30 STRAIGHT ARROW
	108	W20-5(L)	36 X 36	1	4" X 6"					2	LEFT LANE CLOSED AHEAD
	109	W4-2(L)	36 X 36	1	4" X 6"					1	LEFT LANE MERGE RIGHT SYMBOL
	110	W74(CA)(R)	36 X 36	1	4" X 6"					1	THRU TRAFFIC MERGE RIGHT
	111	R3-7(L)	30 X 30	1	4" X 6"					2	LEFT LANE MUST TURN LEFT
	112	C30(CA)	36 X 36			1	3			3	LANE CLOSED
	113	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	114	C30(CA)	36 X 36								LANE CLOSED
	115	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	116	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	117	R3-5(R)	30 X 36			1	3			1	RIGHT ARROW ONLY
	118	M4-9(R)	30 X 24								DETOUR RIGHT ARROW
	119	R9-11A(L)	24 X 12			1	2			2	SIDEWALK CLOSED CROSS HERE LEFT ARROW
	120	R9-11A(R)	24 X 12			1	2			1	SIDEWALK CLOSED CROSS HERE RIGHT ARROW
	121	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					6	DUNNE AVE
	122	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	123	D3-1(DUNNE AVE)	36 X 12	1	4" X 6"					3	DUNNE AVE
	124	M4-9(L)	30 X 24								DETOUR LEFT ARROW
	125	M4-8A	24 X 18	1	4" X 6"					1	END DETOUR
	126	M4-9(R)	30 X 24			1	3			1	DETOUR RIGHT ARROW
	127	M4-9(U)	30 X 24	1	4" X 6"					1	DETOUR "U" ARROW
TMP-9/ PHASE 9	128	PCMS						1		1	PORTABLE CHANGEABLE MESSAGE SIGN
	129	VSFS							1	1	VEHICLE SPEED FEEDBACK SIGN
	130	W20-1	36 X 36	1	4" X 6"					6	ROAD WORK AHEAD
	131	W3-5(30)	36 X 36	1	4" X 6"					2	SPEED LIMIT 30 STRAIGHT ARROW
	132	W20-5(R)	36 X 36	1	4" X 6"					1	RIGHT LANE CLOSED AHEAD
	133	W4-2(R)	36 X 36	1	4" X 6"					1	RIGHT LANE MERGE LEFT SYMBOL
	134	W11-1	36 X 36	1	4" X 6"					1	BIKE SYMBOL
	135	W16-1P	18 X 24								SHARE THE ROAD
	136	C30(CA)	36 X 36			1	3			2	LANE CLOSED
	137	R3-4	24 X 24	1	4" X 6"					2	NO "U" TURN SYMBOL
	138	R9-11A(L)	24 X 12			1	2			2	SIDEWALK CLOSED CROSS HERE LEFT ARROW
	139	R9-11A(R)	24 X 12			1	2			1	SIDEWALK CLOSED CROSS HERE RIGHT ARROW
	140	W20-5(L)	36 X 36	1	4" X 6"					1	LEFT LANE CLOSED AHEAD
	141	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	142	C30(CA)	36 X 36								LANE CLOSED
	143	R3-2	24 X 24			1	3			1	NO LEFT TURN SYMBOL
	144	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	145	R3-1	24 X 24			1	3			1	NO RIGHT TURN SYMBOL
	146	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW
	147	G26-1(CA)"101"	15 X 10	1	4" X 6"					6	HWY "101" SHIELD
	148	M3-1	36 X 12								NORTH
	149	SC3(CA)	36 X 12								DETOUR STRAIGHT ARROW

THQ-3
TRAFFIC HANDLING QUANTITIES
NO SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO

CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY
DATE REVISED

DATE PLOTTED => Drawing: C:\Users\ltru\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:47am

LAST REVISION XX-XX-XX

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	29	31

L. Trujillo 3/11/2024
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LEOPOLDO TRUJILLO 63950 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TL ENGINEERING
314 Colville Dr
San Jose, CA 95123
209-829-1553

SHEET No./ PHASE No.	SIGN No.	SIGN CODE	PANEL SIZE	POST SIZE		BARRICADE		No. OF PCMS	No. OF VSFS	QUANTITY	SIGN MESSAGE / REMARKS
			INCH X INCH	No.	SIZE	No.	TYPE	EA	EA		
TMP-9/ PHASE 9 (CONTINUED)	150	G26-1(CA)"101"	15 X 10	1	4" X 6"					2	HWY "101" SHIELD
	151	M3-1	36 X 12								NORTH
	152	M4-9(R)	30 X 24								DETOUR RIGHT ARROW
	153	G26-1(CA)"101"	15 X 10	1	4" X 6"					2	HWY "101" SHIELD
	154	M3-1	36 X 12								NORTH
	155	M4-9(L)	30 X 24								DETOUR LEFT ARROW

THQ-4
TRAFFIC HANDLING QUANTITIES
NO SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY: CELINA LEE
CHECKED BY: LEOPOLDO TRUJILLO
REVISED BY: .
DATE REVISED: .

LAST REVISION XX-XX-XX
DATE PLOTTED => Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\Dunne Ave Pave Rehab TCP.dwg
TIME PLOTTED => Mar 11, 2024, 8:47am

GENERAL SIGNAL & LIGHTING NOTES (SHEETS E-1 & E-2)

1. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
2. TRAFFIC SIGNAL & ELECTRICAL WORK SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD PLANS AND SPECIFICATIONS (DATED 2023, INCLUDING ALL APPLICABLE REVISIONS AND UPDATES) AND THE PROJECT SPECIFICATIONS/SPECIAL PROVISIONS.
3. THE CONTRACTOR SHALL OBTAIN THE PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND SHALL COMPLY WITH THE AGENCIES' REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL LAWS.
4. UTILITIES SHOWN ON THESE PLANS ARE BASED ON AVAILABLE RECORDS, WHICH MAY OR MAY NOT BE CORRECT. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND TO AVOID DAMAGING EXISTING UTILITIES DURING EXCAVATION.
5. ALL UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER AT THE CONTRACTOR'S EXPENSE.
6. OBTAIN APPROVAL FOR EXACT POLE AND DETECTOR LOOP LOCATIONS FROM THE PERMIT INSPECTOR PRIOR TO ANY SIGNAL STANDARD FOUNDATION OR DETECTOR LOOP INSTALLATION WORK.
7. CONTRACTOR SHALL REPLACE ANY DAMAGED PULLBOXES THAT ARE BEING REUSED.
8. ALL NEW PEDESTRIAN PUSH BUTTONS SHALL BE TOUCH-FREE APS PUSH BUTTONS PER DETAIL A ON CALTRANS STANDARD PLAN ES-5C.
9. CONTRACTOR SHALL REPAIR, TO THE SATISFACTION OF THE ENGINEER, ANY EXISTING CONCRETE FEATURES (CURB, GUTTER, SIDEWALK, ETC.) OR LANDSCAPING DAMAGED DUE TO THE INSTALLATION OF SIGNAL STANDARD FOUNDATIONS, PULL BOXES, CONDUIT, OR ANY OTHER CONSTRUCTION WORK.
10. ALL DLC CABLES SHALL BE INSTALLED WITHOUT SPLICES.
11. EXISTING DETECTOR LOOPS WITHIN THE PAVING LIMITS ON E DUNNE AVENUE WILL BE ABANDONED AND REPLACED WITH NEW LOOPS AS SHOWN ON SHEETS E-1 & E-2.
12. CONTRACTOR SHALL TAKE DETECTOR LOOP READINGS BEFORE AND AFTER THE REPLACEMENT OF ALL LOOPS.

CALTRANS STANDARD NOTES

- AB ABANDON
- CB INSTALL CONDUIT INTO EXISTING PULL BOX.
- DH DETECTOR HANDHOLE (TYPE A).
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY TO THE CONTRACTOR.
- RL RELOCATE EQUIPMENT.
- RS REMOVE AND SALVAGE EQUIPMENT.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	30	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

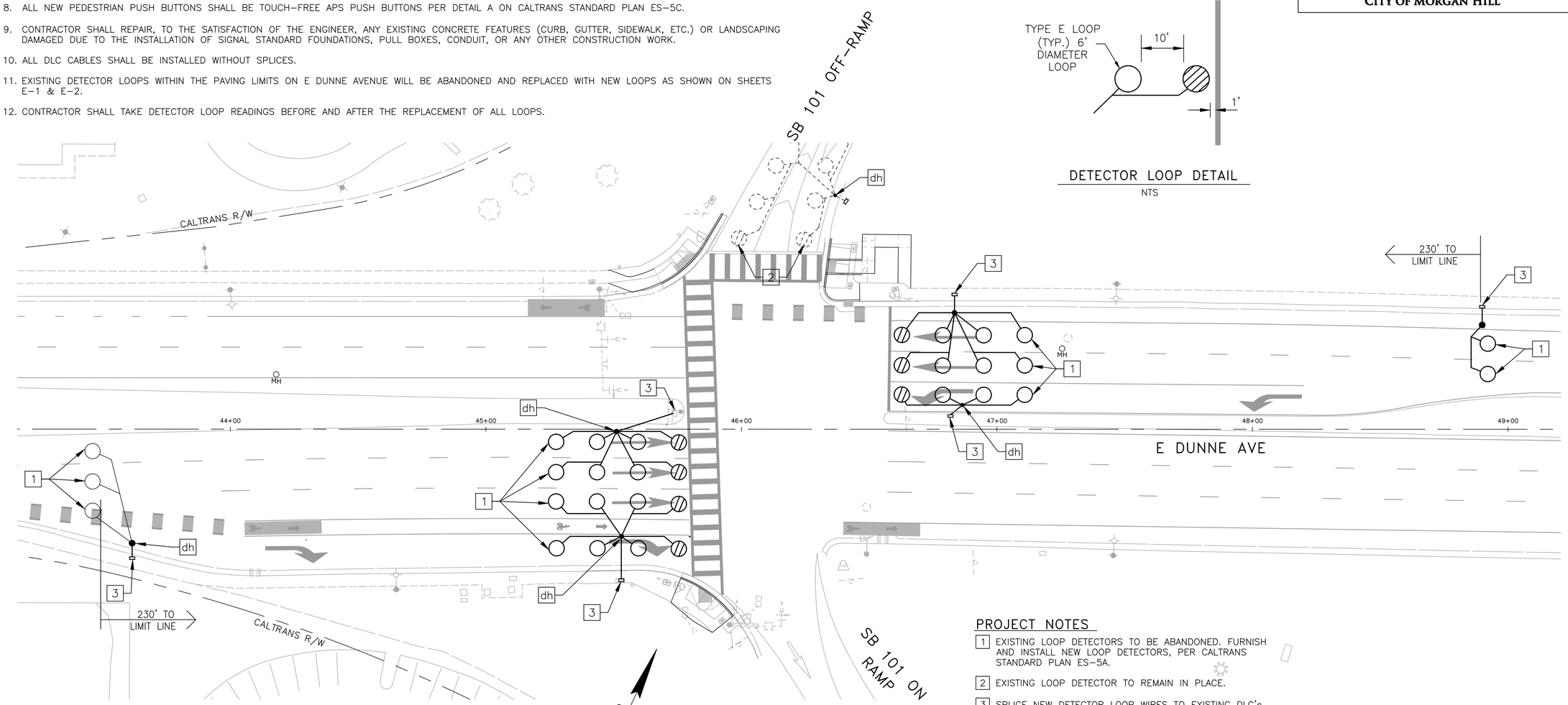
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF MORGAN HILL

DETECTOR LOOP DETAIL
NTS



PROJECT NOTES

1. EXISTING LOOP DETECTORS TO BE ABANDONED. FURNISH AND INSTALL NEW LOOP DETECTORS, PER CALTRANS STANDARD PLAN ES-5A.
2. EXISTING LOOP DETECTOR TO REMAIN IN PLACE.
3. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING DLC's INSIDE EXISTING PULL BOX.

0 20 40 60
SCALE IN FEET: 1"= 20

E-1
SIGNAL LOOP REPLACEMENT PLAN
20' SCALE

REVISED BY	YAT CHO
DATE REVISED	LEOPOLDO TRUJILLO
CALCULATED-DESIGNED BY	YAT CHO
CHECKED BY	LEOPOLDO TRUJILLO
CONSULTANT FUNCTIONAL SUPERVISOR	

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 03-08-21 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

Drawing: C:\Users\trui\OneDrive – tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project-TLE.dwg
Mar 22, 2024, 12:50pm

BORDER LAST REVISED 7/2/2010 | USERNAME => | DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	SCL	101	16.01	31	32

REGISTERED CIVIL ENGINEER — DATE 3/22/2024

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. CREGER No. 58879 CIVIL STATE OF CALIFORNIA

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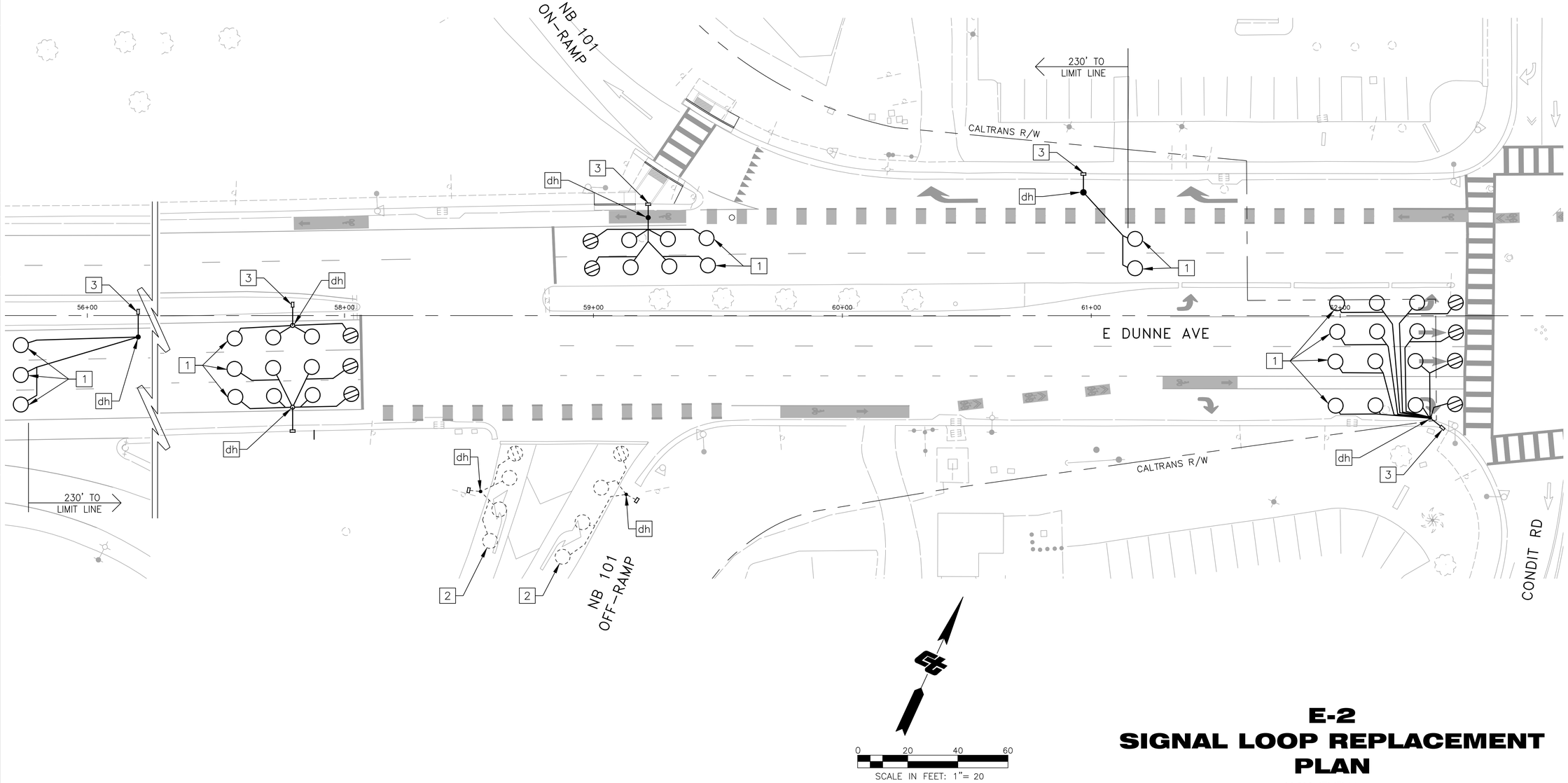
CITY OF MORGAN HILL

PROJECT NOTES

1. EXISTING LOOP DETECTORS TO BE ABANDONED. FURNISH AND INSTALL NEW LOOP DETECTORS, PER CALTRANS STANDARD PLAN ES-5A.
2. EXISTING LOOP DETECTOR TO REMAIN IN PLACE.
3. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING DLC's INSIDE EXISTING PULL BOX.

CALTRANS STANDARD NOTES

- AB ABANDON
- CB INSTALL CONDUIT INTO EXISTING PULL BOX.
- DH DETECTOR HANDHOLE (TYPE A).
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY TO THE CONTRACTOR.
- RL RELOCATE EQUIPMENT.
- RS REMOVE AND SALVAGE EQUIPMENT.



E-2
SIGNAL LOOP REPLACEMENT PLAN
20' SCALE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED-DESIGNED BY: YAT CHO

CHECKED BY: LEOPOLDO TRUJILLO

REVISED BY: .

DATE REVISED: .

LAST REVISION 03-08-21

DATE PLOTTED => $DATE

TIME PLOTTED => $TIME

Drawing: C:\Users\ltruj\OneDrive - tlengineering.net\Work\22-017 Dunne Ave Pave Rehab\Drawings\Final\Plans\City CAD Files\E Dunne Project-TLE.dwg
Mar 22, 2024, 12:50pm

BORDER LAST REVISED 7/2/2010 | USERNAME => DGN FILE => | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT xxxx | PROJECT NUMBER & PHASE 519000