

SAN BENITO COUNTY

PLANS FOR SB 1 ROAD MAINTENANCE PROJECTS, FY 18-19
ON

FAIRVIEW RD, UNION RD, SOUTHSIDE RD,
& F STREET
HOLLISTER, CALIFORNIA

PWB-1904

INDEX OF SHEETS		
SHEET NUMBER	SHEET TITLE	DRAWING NUMBER
1	TITLE SHEET	T-1
2	PROJECT LOCATION NO. 1: FAIRVIEW ROAD	C-1
3	PROJECT LOCATION NO. 2: UNION ROAD	C-2
4	PROJECT LOCATION NO. 2: UNION ROAD DETAIL	C-3
5	PROJECT LOCATION NO. 3: SOUTHSIDE ROAD	C-4
6	PROJECT LOCATION NO. 4: F STREET (TRES PINOS)	C-5
7	CONSTRUCTION AREA SIGNS	CS-1
8	UNION ROAD TRAFFIC CONTROL	C2-2



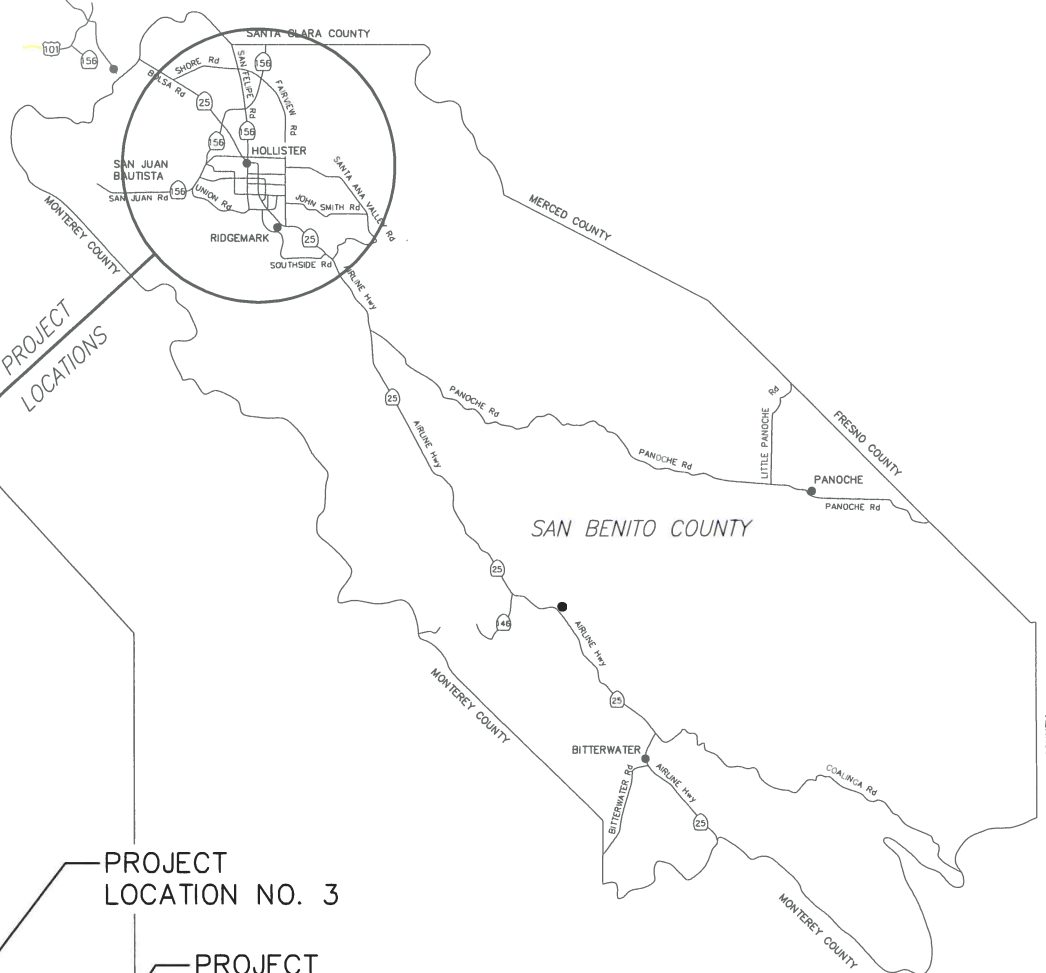
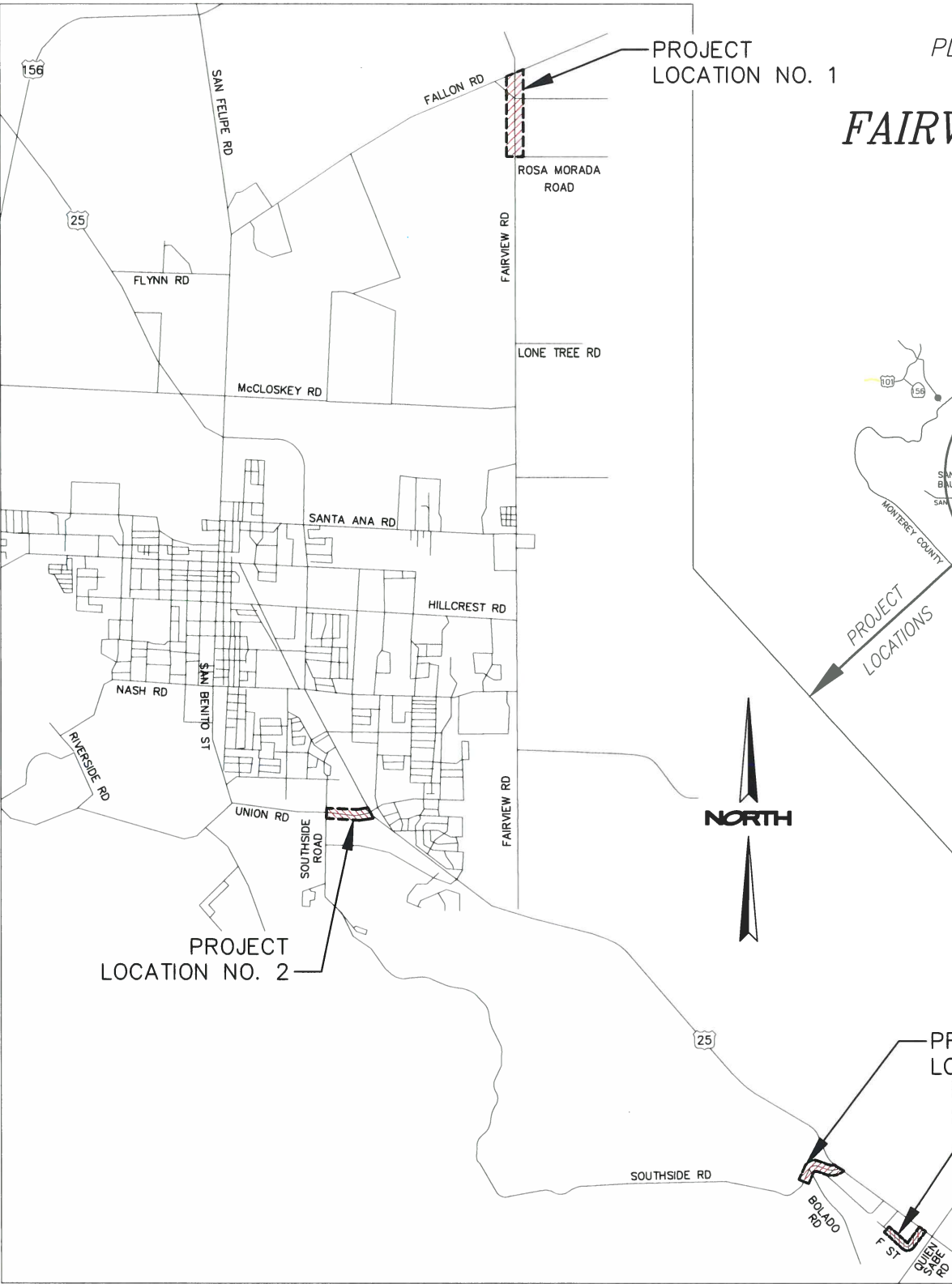
STATE OF CALIFORNIA

COUNTY OF SAN BENITO


HARRY MAVROGENES
RMA DIRECTOR
6/24/19
DATE


DEEMS KATADA, PE
RPE 80513
INTERIM COUNTY ENGINEER
COUNTY OF SAN BENITO
RESOURCE MANAGEMENT AGENCY
PUBLIC WORKS DEPARTMENT
6/24/19
DATE


GREGORY J. BUCKNELL, PE
RPE 41650
CONTRACT CIVIL ENGINEER
NV5, INC.
06/24/19
DATE



PROJECT LOCATIONS

NOT TO SCALE

SAN BENITO COUNTY

NOT TO SCALE

DATE: 6/17/19	TIME: 4:29:18 PM	NO.	BY	DATE	REVISIONS:
SERVER: NONE	LAYOUT: TITLE				
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DRAWING NAME: TITLE_OVERLAY.DWG					
PAGE SETUP:					
DESIGNER: JRW	PROJ. MGR: JRW				

CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



2025 GATEWAY PLACE, SUITE 238
PHONE: 408.392.7200

SAN JOSE, CA 95110
WWW.NV5.COM

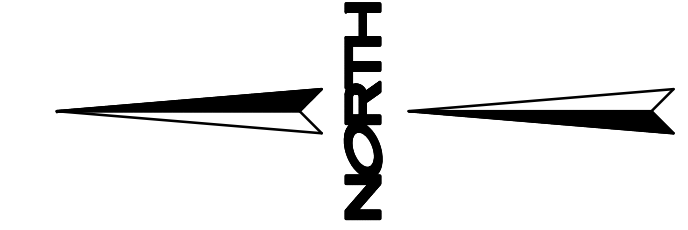
SB 1 CIR-HMA-SC PROJECTS, FY 18-19
TITLE SHEET

PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER	T-1
1 OF 6 SHEETS	
SCALE	AS SHOWN
JOB NUMBER	PWB-1904

BEGIN OVERLAY AT
PAVEMENT CHANGE
WITH 25' TAPER
LENGTH
Appx 3,070 LF
(SEE CONFORM
DETAIL)

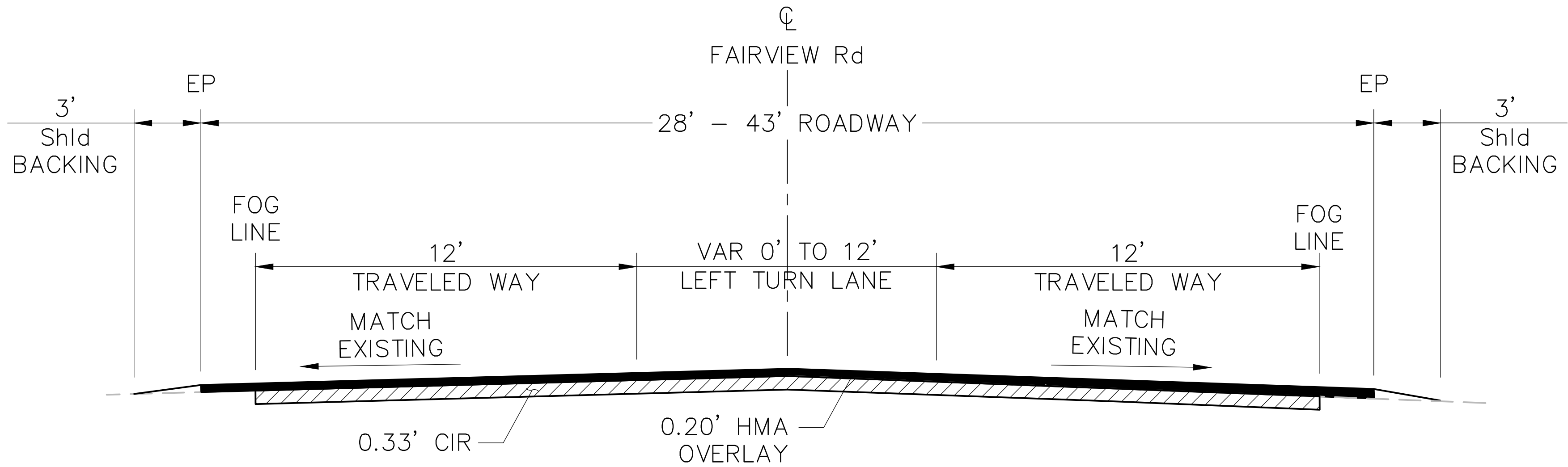


END OVERLAY AT
ROSA MORADA
INTERSECTION WITH 25'
TAPER LENGTH
(SEE CONFORM DETAIL)

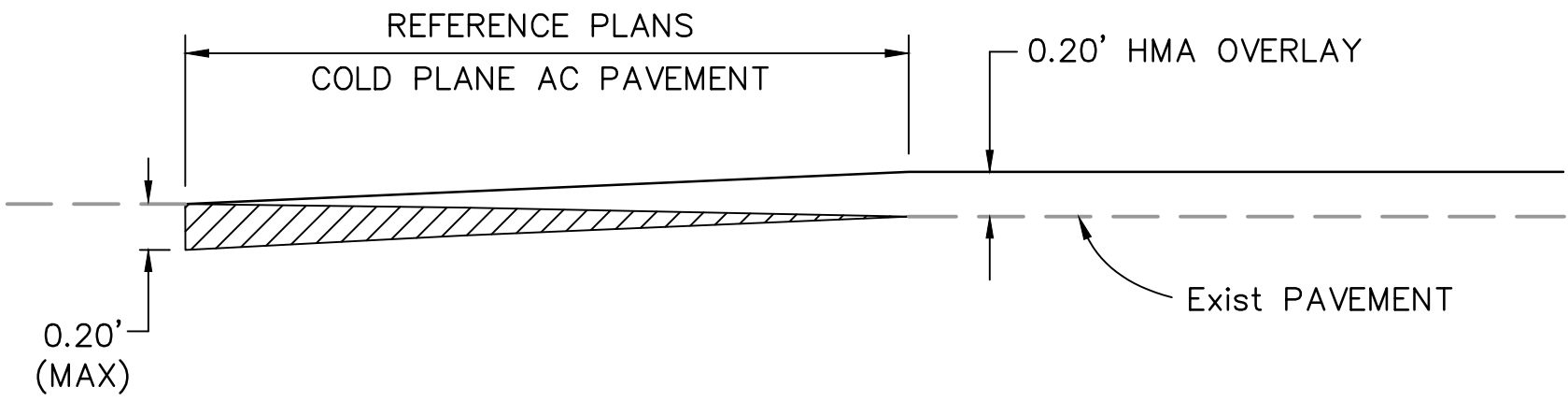
TAPER AT NORTH AND
SOUTH END OF PCC
BRIDGE WITH 25'
TAPER LENGTH
(SEE CONFORM DETAIL)

ADJUST 120 LF
EXISTING GUARD RAIL
HEIGHT AS
NECESSARY

PLAN
NOT TO SCALE



FAIRVIEW ROAD TYPICAL SECTION
NOT TO SCALE



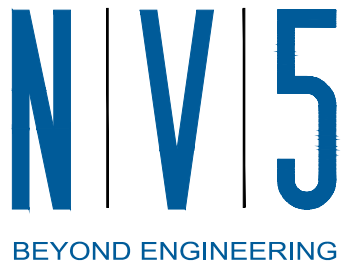
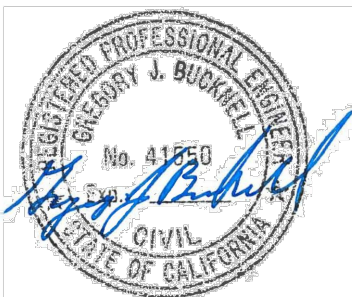
CONFORM TAPER DETAIL
NOT TO SCALE

NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, REFERENCED AS "STANDARD SPECIFICATIONS".
2. COLD IN-PLACE RECYCLING TO BE PERFORMED FROM FOG LINE TO FOG LINE, EXCLUDING THE SHOULDER AREA.
3. OVERLAY TO BE PERFORMED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.

DATE: 6/17/19	TIME: 4:29:20 PM	NO.	BY	DATE	REVISIONS:
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PATH: OVERLAY_PLAN_SHEETS					
DRAWING NAME: OVERLAY_PLAN_SHEETS.DWG					
PAGE SETUP:					
DESIGNER: JW	PROJ. MGR: JW				

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2025 GATEWAY PLACE, SUITE 238
PHONE: 408.392.7200

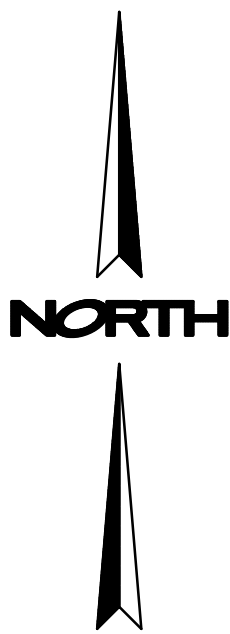
SAN JOSE, CA 95110
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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
PROJECT LOCATION No. 1: FAIRVIEW Rd
PLAN, TYPICAL SECTION, AND NOTES

PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

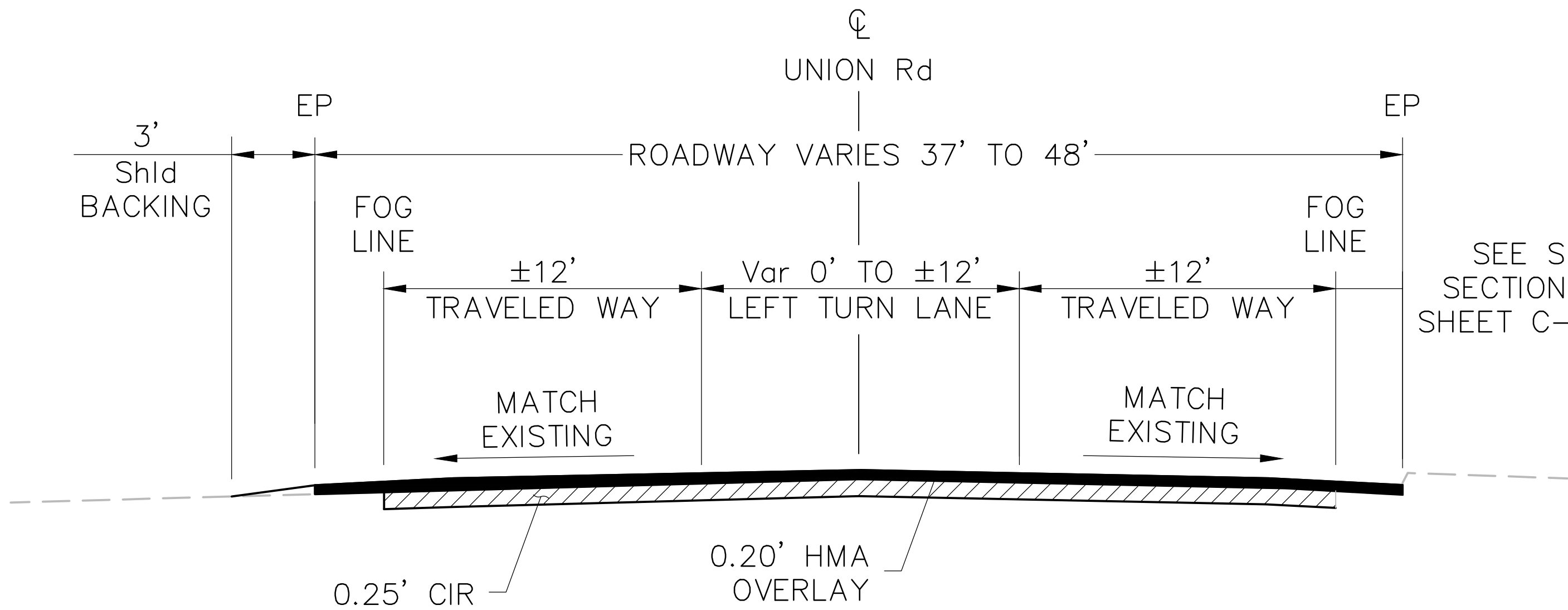
SHEET NUMBER	C-1
2 OF 8 SHEETS	
SCALE	AS SHOWN
JOB NUMBER	PWB-1904



BEGIN 20' OVERLAY
TAPER AT EDGE OF
EXISTING CROSSWALK
STRIPING
Appx 1,625 LF
(REFERENCE SHEET C-3
FOR DETAILS)

END 20' OVERLAY
TAPER
APPROXIMATELY 12'
BEYOND 2ND LEFT
TURN ARROW
(REFERENCE SHEET
C-3 FOR DETAILS)

PLAN
NOT TO SCALE



SEE SHLD TAPER
SECTION, REFERENCE
SHEET C-3 FOR DETAIL

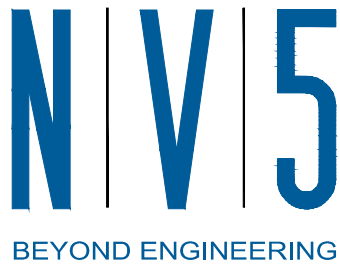
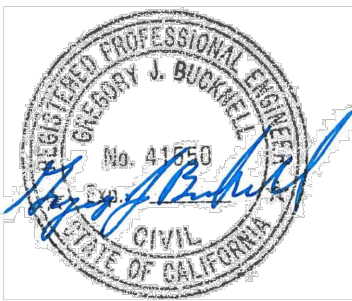
UNION ROAD TYPICAL SECTION
NOT TO SCALE

CALTRANS • 50 HIGUERA STREET SAN LUIS OBISPO, CA 93401	
ENCROACHMENT PERMIT PLANS	
PERMIT NO.	— —
PLAN SHEET	— OF —
PLAN NUMBER	—
APPROVAL DATE	—

- NOTES
- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, REFERRED TO AS "STANDARD SPECIFICATIONS".
 - REFERENCE DETOUR PLAN ON SHEET CS-2.
 - REFERENCE SHEET C-3 FOR INTERSECTION CONSTRUCTION DETAILS.
 - CALTRANS ENCROACHMENT PERMIT TO BE OBTAINED BY SAN BENITO COUNTY PUBLIC WORKS ENGINEERING. CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING DOUBLE PERMIT FROM CALTRANS AND PAYING ANY NECESSARY FEES REQUIRED BY CALTRANS PRIOR TO CONSTRUCTION.
 - PROTECT ALL CALTRANS LOOPS IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY DAMAGED LOOPS AND RESTORE TO ORIGINAL CONDITION.
 - CONTRACTOR TO CONTACT CALTRANS INSPECTOR, IGNACIO SAAVEDRA, AT 831-601-1585 PRIOR TO TAKING ANY LOOPS OUT OF SERVICE.
 - CONTRACTOR TO MAINTAIN PEDESTRIAN TRAFFIC ALONG UNION ROAD AND HIGHWAY 25 INTERSECTION.

DATE: 6/18/19	TIME: 8:49:07 AM	NO.	BY	DATE	REVISIONS:
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PATH: OVERLAY PLAN SHEETS					
DRAWING NAME: OVERLAY PLAN SHEETS.DWG					
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DESIGNER: JW	PROJ. MGR: JW				

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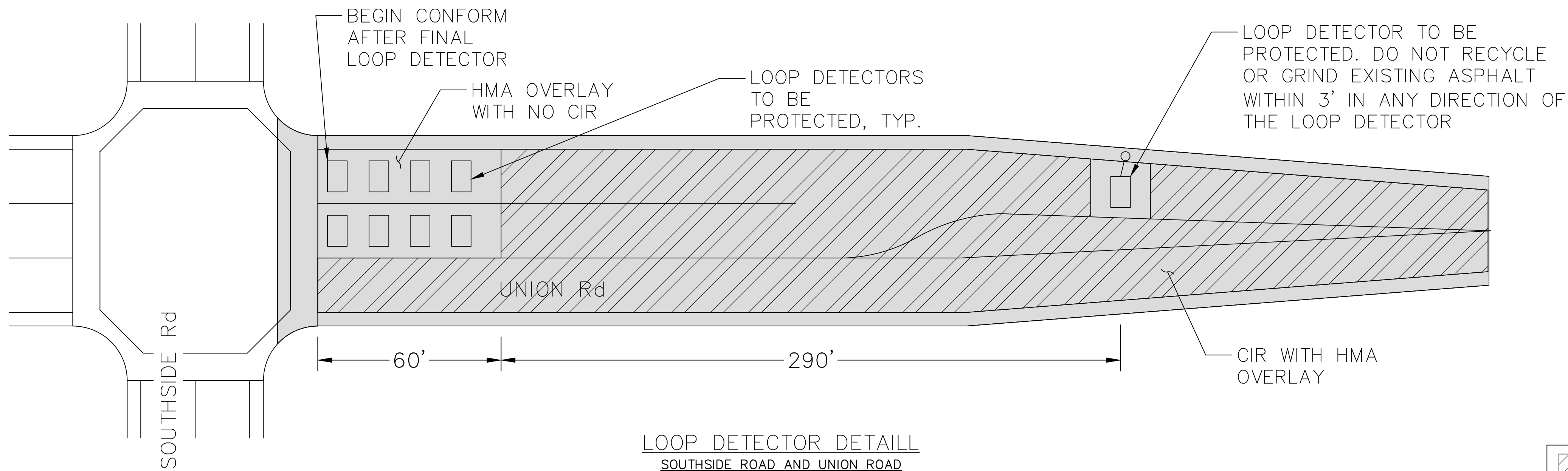
2025 GATEWAY PLACE, SUITE 238
PHONE: 408.392.7200
SAN JOSE, CA 95110
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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
PROJECT LOCATION No. 2: UNION Rd
PLAN & TYPICAL SECTION

PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER
C-2
3 OF 8 SHEETS
SCALE
AS SHOWN
JOB NUMBER
PWB-1904



CALTRANS • 50 HIGUERA STREET
SAN LUIS OBISPO, CA 93401

ENCROACHMENT PERMIT PLANS

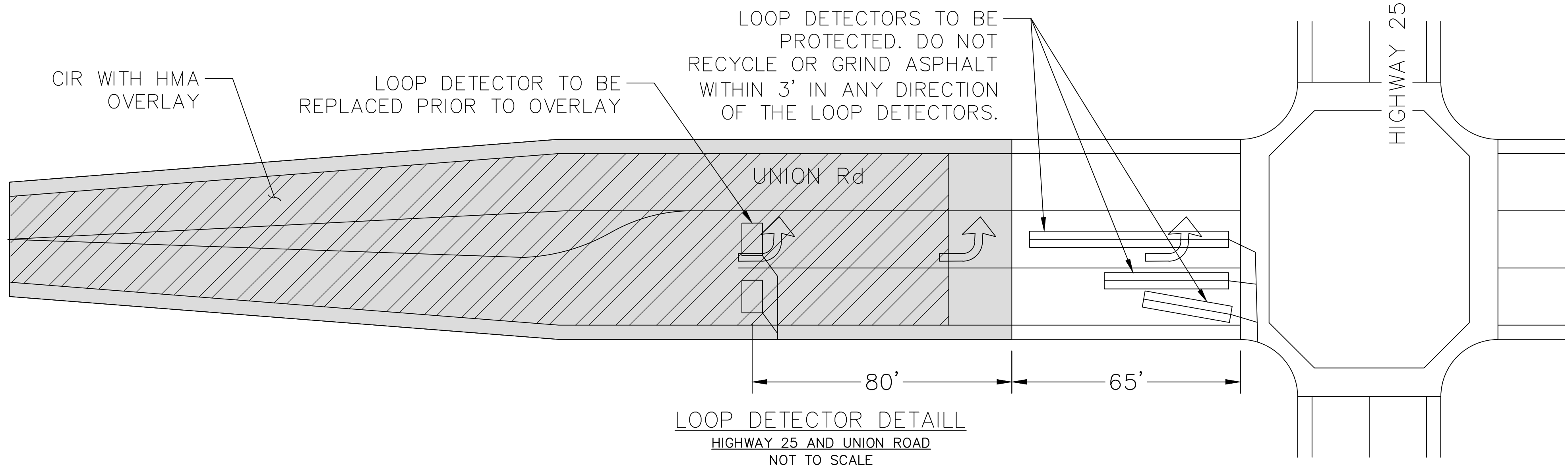
PERMIT NO. _____

PLAN SHEET _____ OF _____

PLAN NUMBER _____

APPROVAL DATE _____

LOOP DETECTOR DETAIL
SOUTHSIDE ROAD AND UNION ROAD
NOT TO SCALE

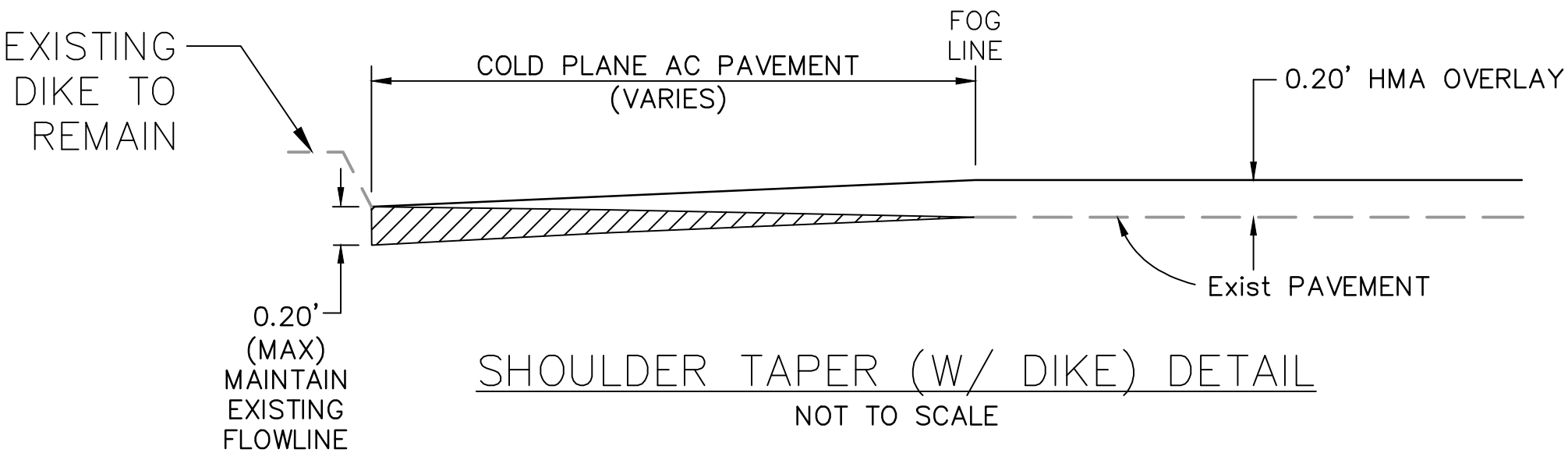
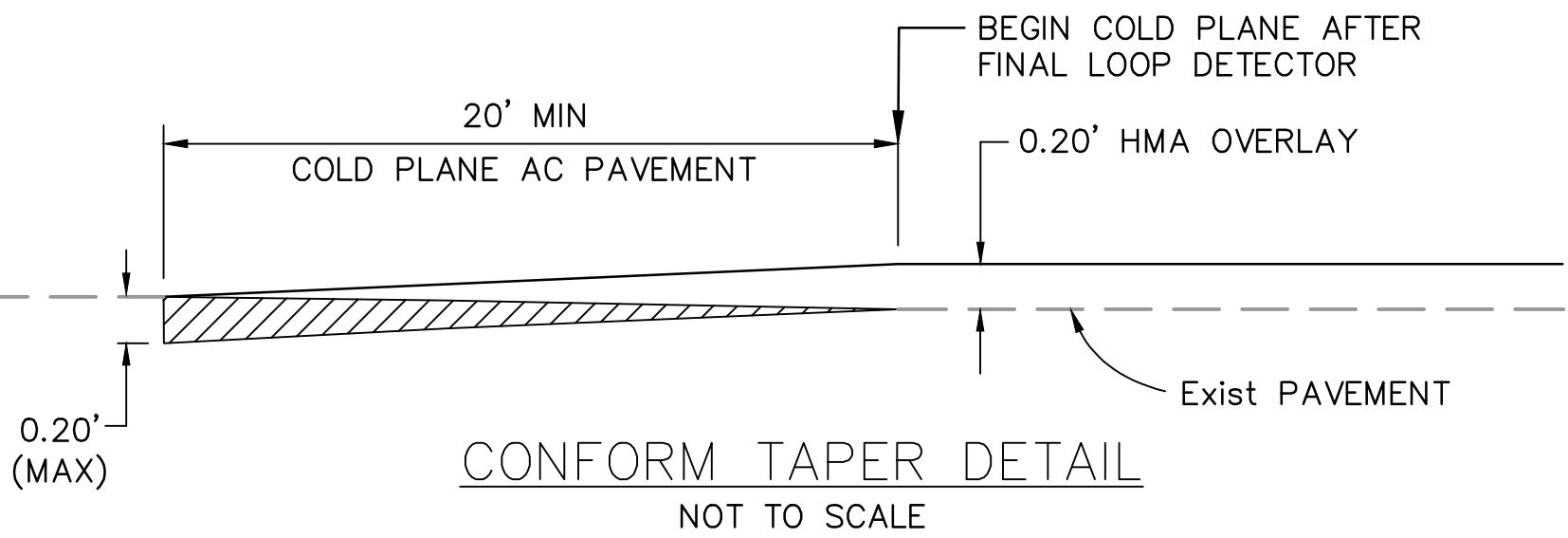


LEGEND

COLD IN-PLACE RECYCLING

HOT MIX ASPHALT OVERLAY

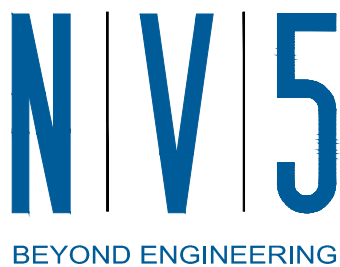
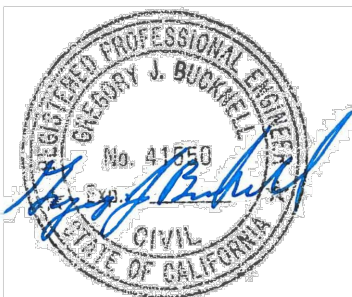
LOOP DETECTOR DETAIL
HIGHWAY 25 AND UNION ROAD
NOT TO SCALE



- NOTES
- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, REFERRED TO AS "STANDARD SPECIFICATIONS".
 - SEE DETOUR PLAN ON SHEET CS-2.
 - CALTRANS ENCROACHMENT PERMIT TO BE OBTAINED BY SAN BENITO COUNTY PUBLIC WORKS ENGINEERING. CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING DOUBLE PERMIT FROM CALTRANS AND PAYING ANY NECESSARY FEES REQUIRED BY CALTRANS PRIOR TO CONSTRUCTION.
 - PROTECT ALL CALTRANS LOOPS IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY DAMAGED LOOPS AND RESTORE TO ORIGINAL CONDITION.
 - CONTRACTOR TO CONTACT CALTRANS INSPECTOR, IGNACIO SAAVEDRA, AT 831-601-1585 PRIOR TO TAKING ANY LOOPS OUT OF SERVICE.
 - CONTRACTOR TO MAINTAIN PEDESTRIAN TRAFFIC ALONG UNION ROAD AND HIGHWAY 25 INTERSECTION.

DATE: 6/17/19	TIME: 4:31:22 PM	NO.	BY	DATE	REVISIONS:
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DRAWING NAME: OVERLAY_PLAN_SHEETS.DWG					
PAGE SETUP: -----					
DESIGNER: JW	PROJ. MGR: JW				

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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
PROJECT LOCATION No. 2: UNION Rd
NOTES & DETAILS

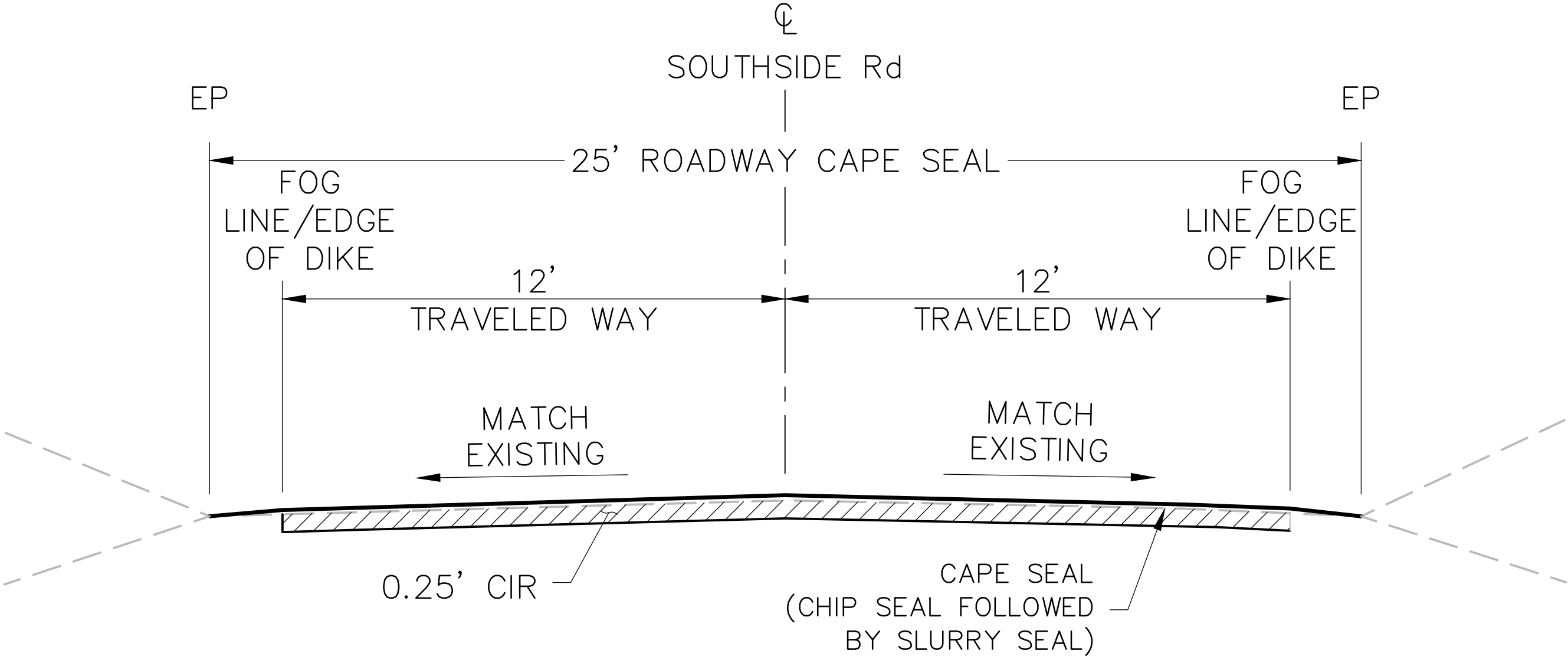
PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER
C-3
4 OF 8 SHEETS
SCALE
AS SHOWN
JOB NUMBER
PWB-1904



PLAN
NOT TO SCALE



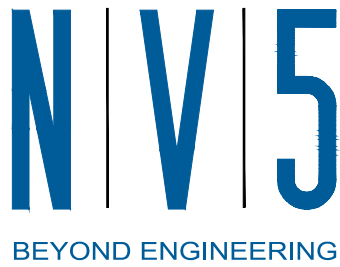
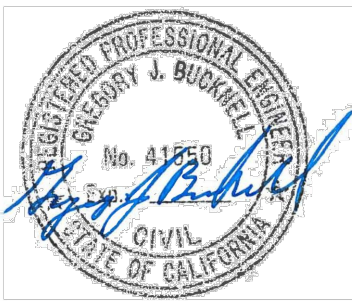
SOUTHSIDE ROAD TYPICAL SECTION
NOT TO SCALE



- NOTES
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 - COLD IN-PLACE RECYCLING TO BE PERFORMED FROM FOG LINE TO FOG LINE, EXCLUDING THE DIKE OR SHOULDER AREA.
 - IMPORT AGGREGATE BASE AS NECESSARY TO ACCOUNT FOR SHOULDER FAILURES IF DIKES ARE NOT PRESENT TO ENSURE CONSISTENT RECYCLED SURFACE.
 - CAPE SEAL TO BE PERFORMED BETWEEN INTERIOR EDGE OF ASPHALT DIKES OR EDGE OF PAVEMENT TO EDGE OF PAVEMENT

DATE: 6/17/19	TIME: 4:29:22 PM	NO.	BY	DATE	REVISIONS:
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PATH: OVERLAY_PLAN_SHEETS					
DRAWING NAME: OVERLAY_PLAN_SHEETS.DWG					
PAGE SETUP:					
DESIGNER: JW	PROJ. MGR: JW				

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PHONE: 408.392.7200

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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
PROJECT LOCATION No. 3: SOUTHSIDE Rd
PLAN, TYPICAL SECTION, AND NOTES

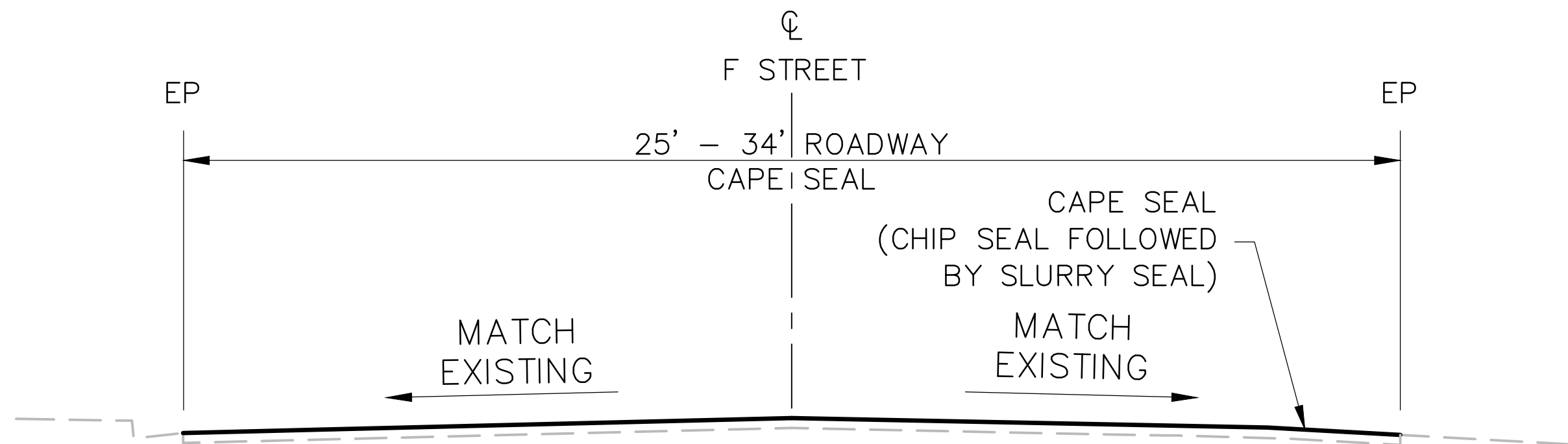
PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

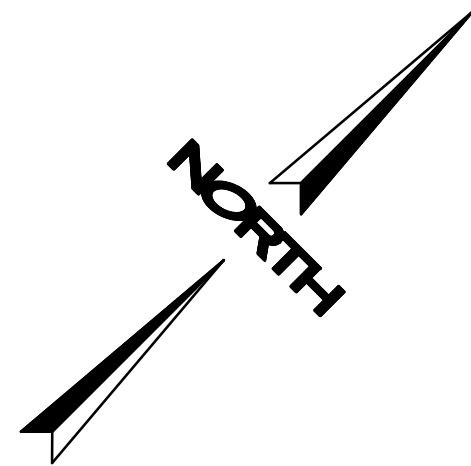
SHEET NUMBER
C-4
5 OF 8 SHEETS
SCALE
AS SHOWN
JOB NUMBER
PWB-1904



PLAN
NOT TO SCALE



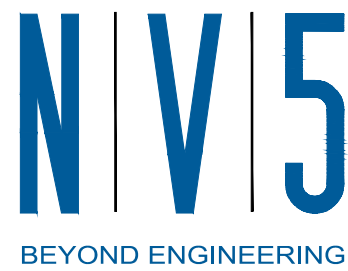
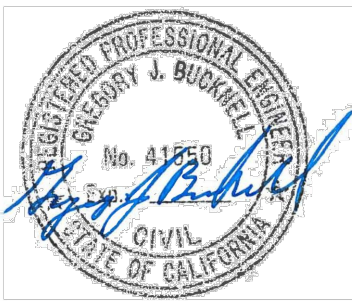
F STREET TYPICAL SECTION
NOT TO SCALE



- NOTES
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 - CAPE SEAL TO BE PERFORMED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
 - MAINTAIN THE EXISTING FLOW PATTERN ADJACENT TO CONCRETE CURB AND GUTTER SECTION.

DATE: 6/17/19	TIME: 4:29:30 PM	NO.	BY	DATE	REVISIONS:
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PATH: CHIP SEAL PLAN SHEETS					
DRAWING NAME: CHIP SEAL PLAN SHEETS.DWG					
PAGE SETUP:					
DESIGNER: JW	PROJ. MGR: JW				

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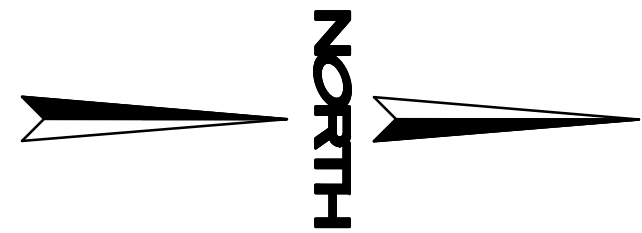
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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
PROJECT LOCATION NO. 4: F STREET
PLAN, TYPICAL SECTION, AND NOTES

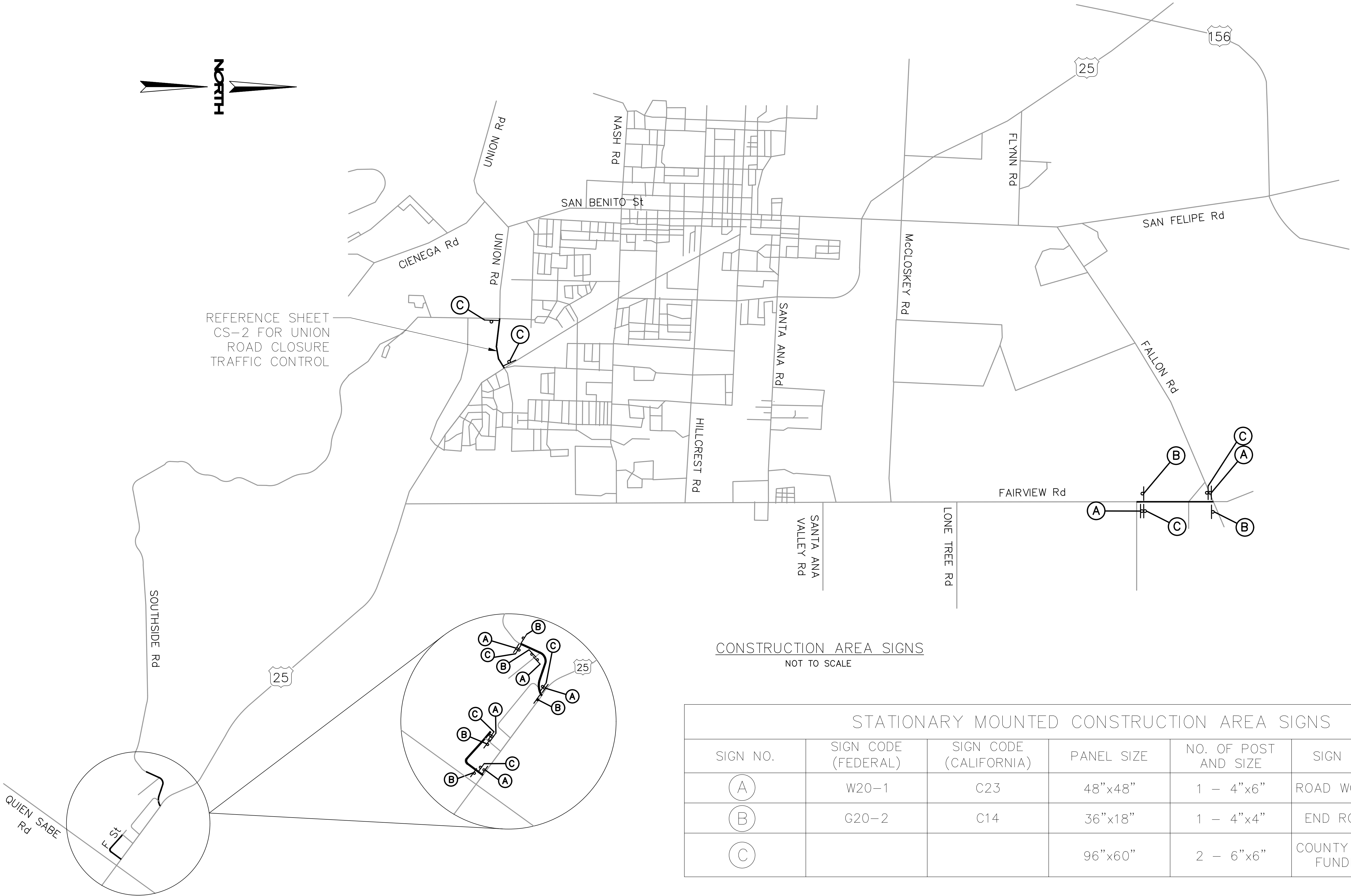
PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER
C-5
6 OF 8 SHEETS
SCALE
AS SHOWN
JOB NUMBER
PWB-1904



REFERENCE SHEET
CS-2 FOR UNION
ROAD CLOSURE
TRAFFIC CONTROL



CONSTRUCTION AREA SIGNS
NOT TO SCALE

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE (FEDERAL)	SIGN CODE (CALIFORNIA)	PANEL SIZE	NO. OF POST AND SIZE	SIGN MESSAGE	NO. OF SIGNS
(A)	W20-1	C23	48"x48"	1 - 4"x6"	ROAD WORK AHEAD	7
(B)	G20-2	C14	36"x18"	1 - 4"x4"	END ROAD WORK	7
(C)			96"x60"	2 - 6"x6"	COUNTY FURNISHED FUNDING SIGN	8

DATE: 6/17/19 TIME: 4:29:36 PM

SERVER: NONE LAYOUT: OVERALL TCP

PATH: CONSTRUCTION AREA SIGNS

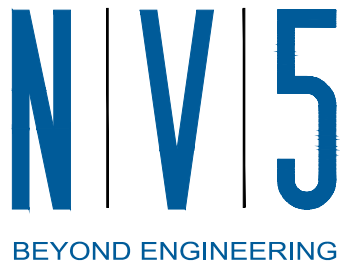
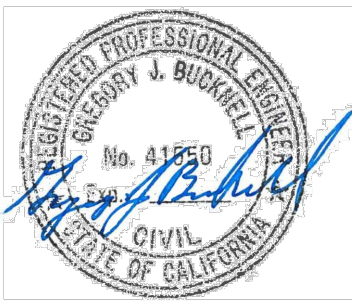
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PAGE SETUP:

DESIGNER: JRW PROJ. MGR: JRW

NO.	BY	DATE	REVISIONS:

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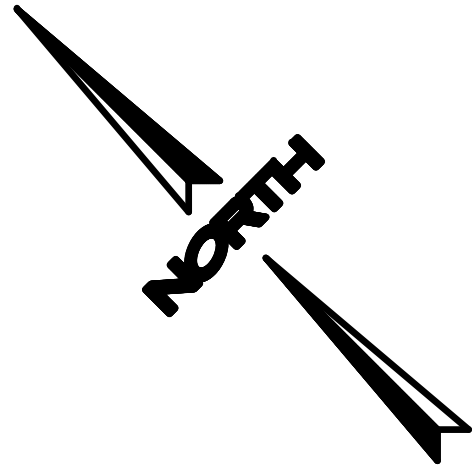
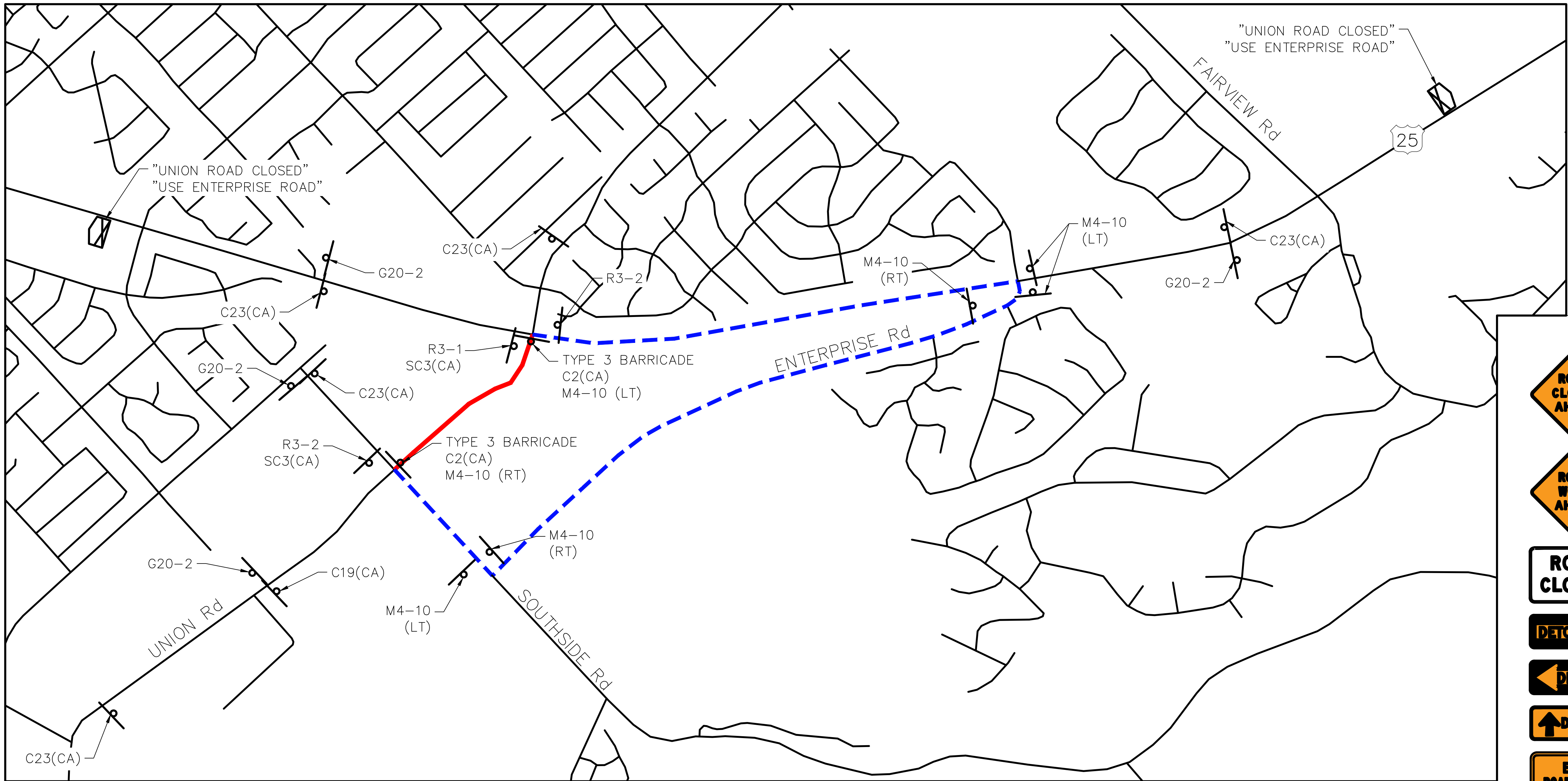
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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
CONSTRUCTION AREA SIGNS

PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER
CS-1
6 OF 6 SHEETS
SCALE
AS SHOWN
JOB NUMBER
PWB-1904



NOTES

1. TEMPORARY SIGNS MUST BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT OR BLOCK EXISTING SIGNS.
2. TEMPORARY SIGNS MUST BE SELF-SUPPORTING.
3. TEMPORARY SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD PLANS RS1.
4. TEMPORARY SIGNS MUST BE REMOVED THE SAME DAY WORK IS COMPLETE AND DETOUR IS NO LONGER REQUIRED.
5. CONTRACTOR MUST PROVIDE PERSONNEL TO ENSURE LANE CLOSURE SYSTEM (LCS) COMPLIANCE DURING CONSTRUCTION.
6. THROUGH TRAFFIC ALONG HIGHWAY 25 SHALL NOT BE AFFECTED BY THE CONSTRUCTION ON UNION ROAD. ALL LANES DIRECTING TRAFFIC TO UNION ROAD SHALL BE CLOSED UNTIL UNION ROAD IS PASSABLE TO REGULAR TRAFFIC AND DETOUR IS NO LONGER REQUIRED.
7. ALLOWABLE LANE CLOSURES FOR TURN LANES ALONG HIGHWAY 25 ARE 8 AM TO 4 PM MONDAY THROUGH FRIDAY.
8. PLACE DETOUR SIGNS APPROXIMATELY 500 FEET FROM INTERSECTION ALONG HIGHWAY 25, UNLESS INTERSECTION IS CONTROLLED BY A STOP SIGN OR SIGNAL.

CALTRANS • 50 HIGUERA STREET
SAN LUIS OBISPO, CA 93401

ENCROACHMENT PERMIT PLANS

PERMIT NO. _____

PLAN SHEET _____ OF _____

PLAN NUMBER _____

APPROVAL DATE _____

LEGEND

C19(CA)

C23(CA)

C2(CA)

M4-10 (RT)

M4-10 (LT)

SC3(CA)

G20-2

R3-2

R3-1

DETOUR ROUTE

CONSTRUCTION ZONE

TEMPORARY CONSTRUCTION SIGN

DATE: 6/17/19 TIME: 4:29:40 PM

SERVER: NONE LAYOUT: UNION RD TCP

PATH: CALTRANS PERMIT

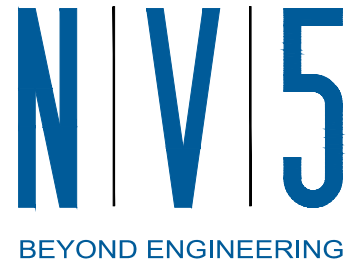
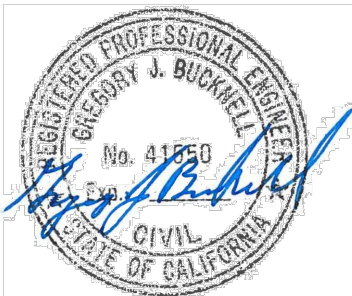
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PAGE SETUP: ----

DESIGNER: GJB PROJ. MGR: GJB

NO.	BY	DATE	REVISIONS:

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SB 1 CIR-HMA-SC PROJECTS, FY 18-19
UNION ROAD TRAFFIC CONTROL PLAN

PREPARED FOR: SAN BENITO COUNTY

DATE SUBMITTED: JUNE 2019

SHEET NUMBER
CS-2
8 OF 8 SHEETS

SCALE
AS SHOWN

JOB NUMBER
PWB-1904