Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	1	8

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	TYPICAL CROSS SECTIONS
4	CONSTRUCTION DETAILS
5-6	CONSTRUCTION AREA SIGNS
7	PAVEMENT DELINEATION QUANTITIES
8	SUMMARY OF QUANTITIES

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

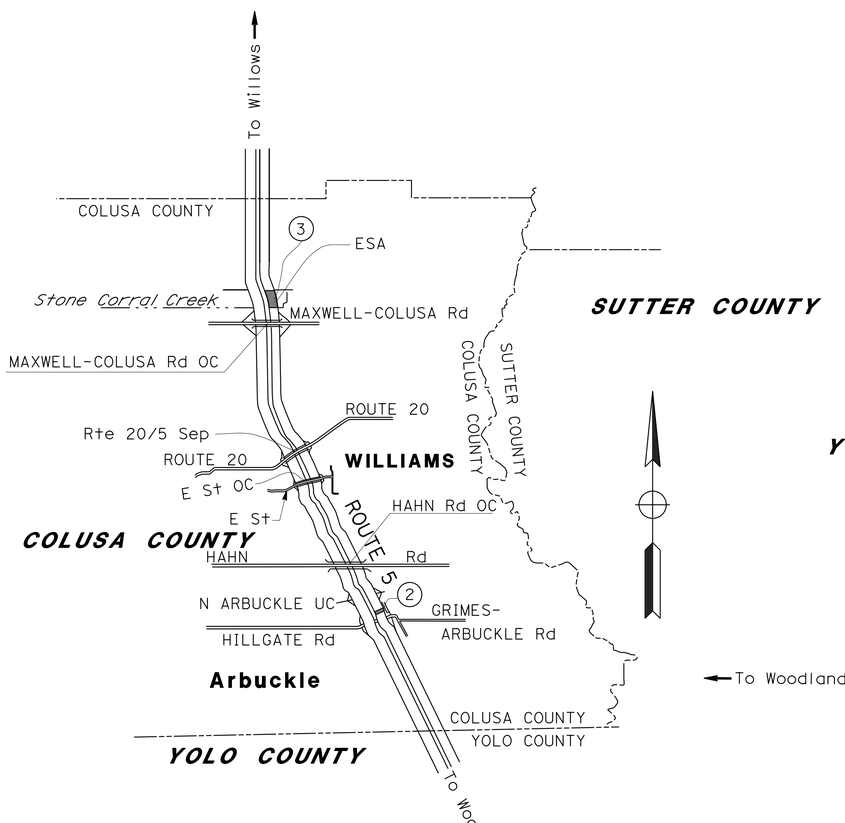
IN COLUSA AND SACRAMENTO COUNTIES AT VARIOUS LOCATIONS

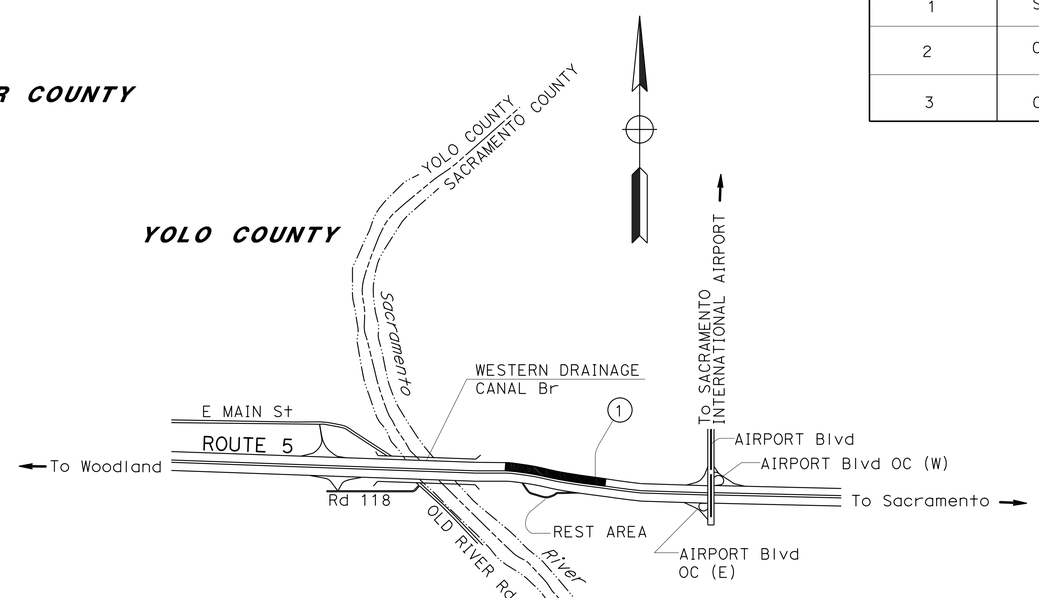
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2015

LOCATION MAP

LOCATIONS OF CONSTRUCTION

Loc No. ⊕	COUNTY	ROUTE	PM	DESCRIPTION	DIRECTION
1	Sac	5	33.5/34.0	0.8 MILE NORTH OF AIRPORT Blvd	NB
2	Col	5	6.9	0.8 MILE SOUTH OF N ARBUCKLE UC	NB
3	Col	5	R28.0/ R28.5	1.0 MILE NORTH OF MAXWELL-COLUSA Rd OC	NB





NO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

PROJECT ENGINEER REGISTERED CIVIL ENGINEER — DATE 9-12-16

REGISTERED PROFESSIONAL ENGINEER — JESUS N GONZALEZ — No. C81788 — Exp. 3-31-18 — CIVIL — STATE OF CALIFORNIA

September 12, 2016
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.

CONTRACT No.	03-0G6004
PROJECT ID	0315000249

PROJECT MANAGER JOYCE K LOFTUS
DESIGN MANAGER JOYCE K LOFTUS

LAST REVISION 00-00-00 — DATE PLOTTED => 16-SEP-2016 TIME PLOTTED => 10:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	2	8

REGISTERED CIVIL ENGINEER 9-12-16 DATE

9-12-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JESUS N GONZALEZ No. C81788 Exp. 3-31-18 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.

NOTES:

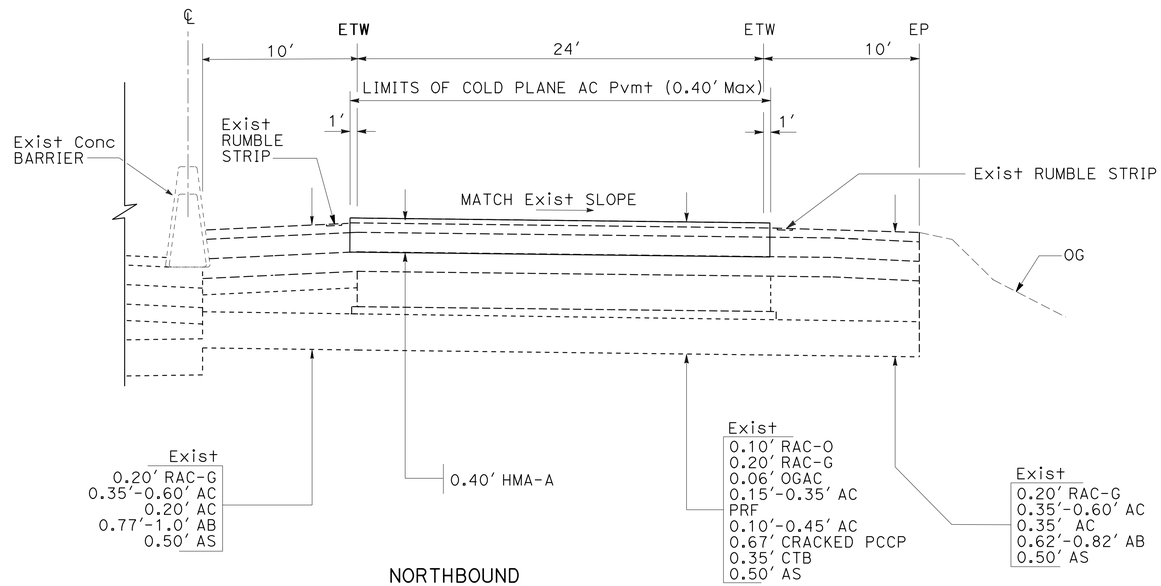
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE SHEETS.

ABBREVIATIONS:

HMA-A	-	HOT MIX ASPHALT (TYPE A)
LT	-	LIME TREATED MATERIAL
HMA-O	-	HOT MIX ASPHALT-OPEN GRADED (OPEN GRADED FRICTION COURSE)
RAC-G	-	RUBBERIZED ASPHALT CONCRETE (GAP-GRADED)
RAC-O	-	RUBBERIZED ASPHALT CONCRETE-OPEN GRADED

PAVEMENT CLIMATE REGION

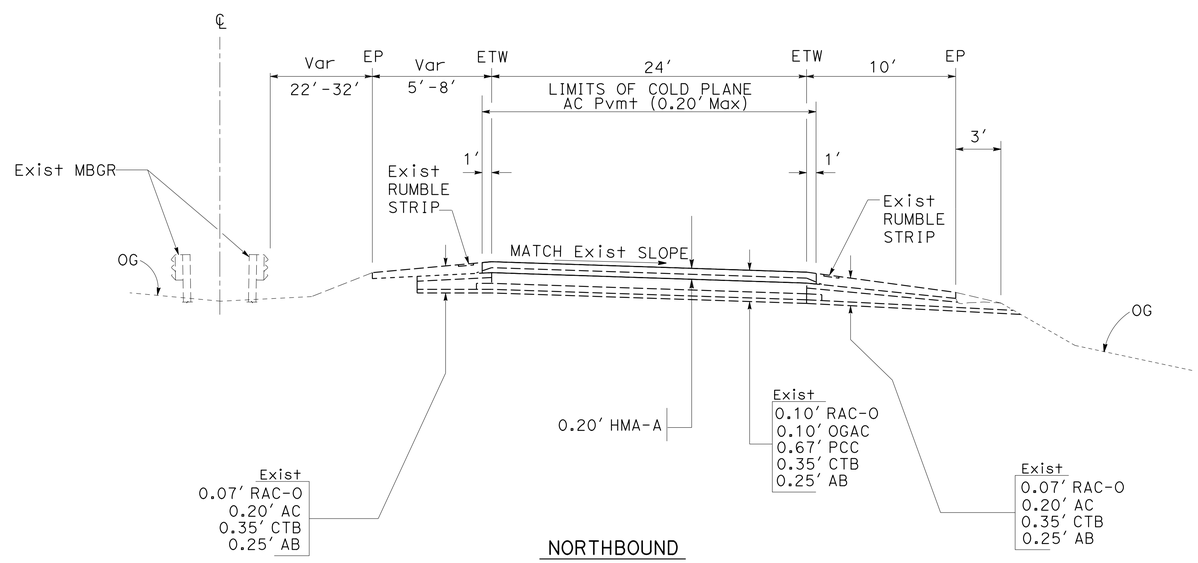
INLAND VALLEY



NORTHBOUND

LOCATION 2 Col: PM 6.9

ROUTE 5



NORTHBOUND

LOCATION 1 Sac: PM 33.5 TO PM 34.0

ROUTE 5

TYPICAL CROSS SECTIONS

NO SCALE **X-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS
CALCULATED-DESIGNED BY: MANUEL TAMAYO JR
CHECKED BY: JESUS N GONZALEZ
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED =>
TIME PLOTTED =>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	3	8

REGISTERED CIVIL ENGINEER DATE 9-12-16

PLANS APPROVAL DATE 9-12-16

REGISTERED PROFESSIONAL ENGINEER JESUS N GONZALEZ No. C81788 Exp. 3-31-18 CIVIL STATE OF CALIFORNIA

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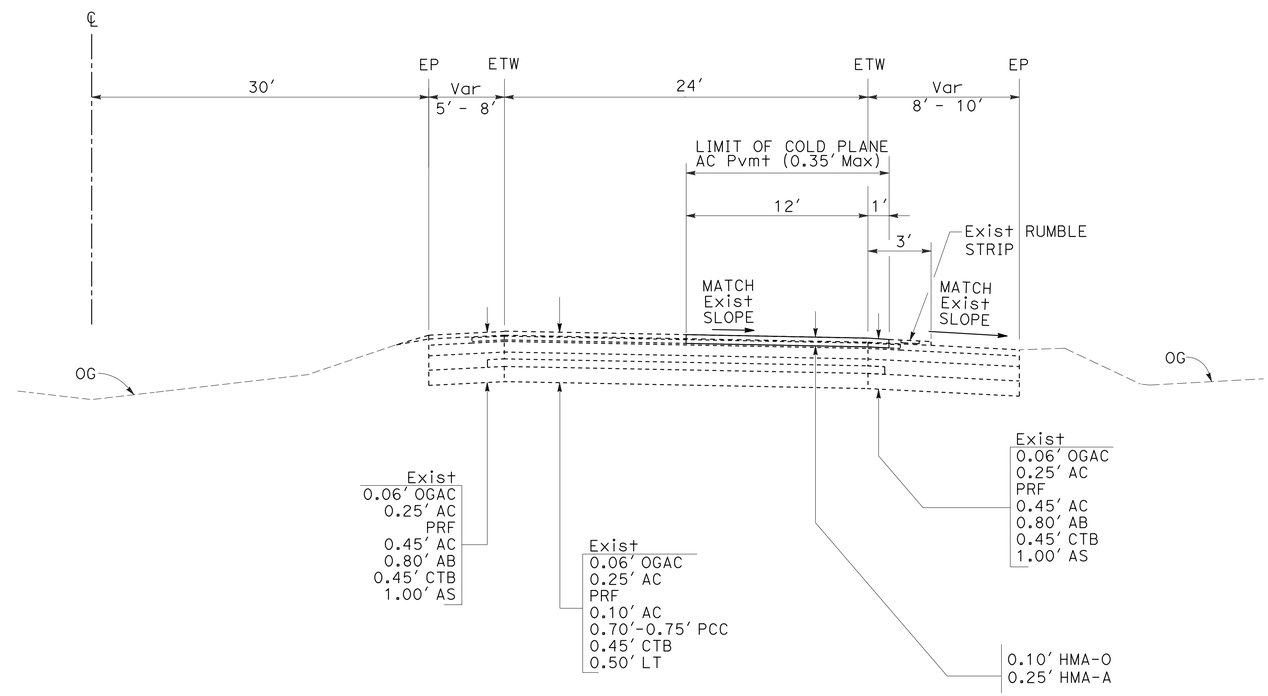

NORTHBOUND

LOCATION 3 Col: PM R28.0 TO PM R28.5

ROUTE 5

TYPICAL CROSS SECTIONS

NO SCALE

X-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **MAINTENANCE DESIGN**

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS

CALCULATED-DESIGNED BY: MANUEL TAMAYO JR

CHECKED BY: JESUS N GONZALEZ

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DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 16-SEP-2016

TIME PLOTTED => 10:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	4	8

REGISTERED CIVIL ENGINEER DATE 9-12-16

PLANS APPROVAL DATE 9-12-16

REGISTERED PROFESSIONAL ENGINEER JESUS N GONZALEZ No. C81788 Exp. 3-31-18 CIVIL STATE OF CALIFORNIA

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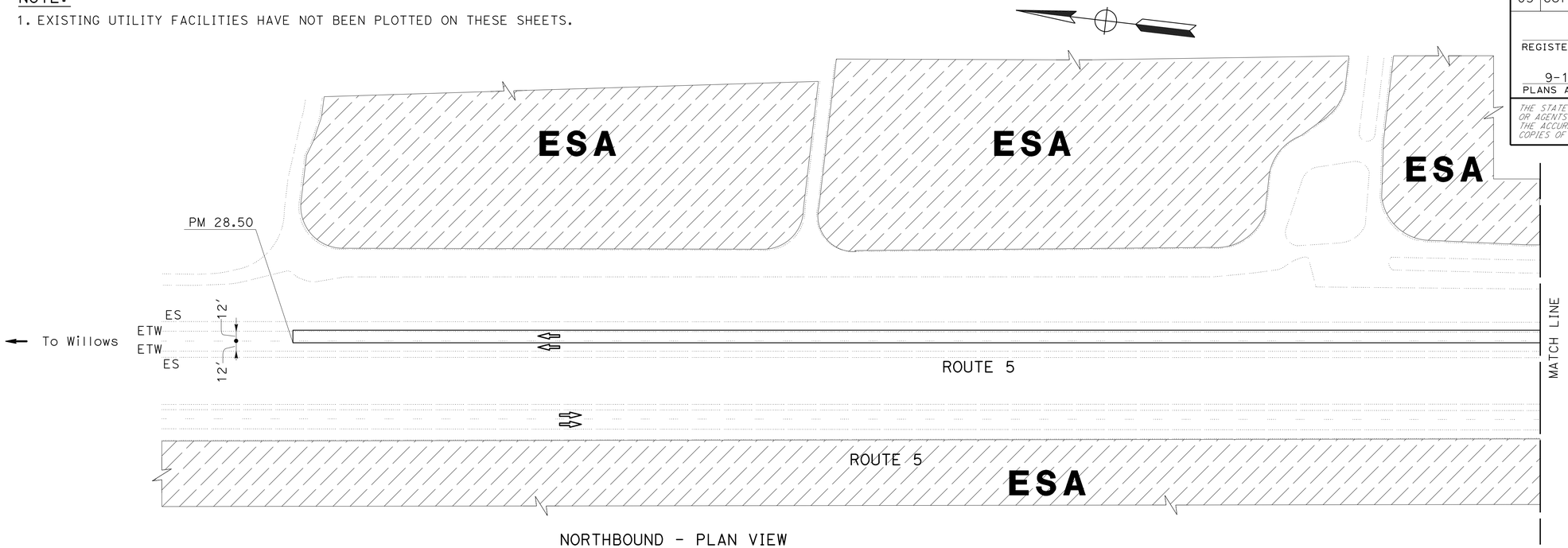
NOTE:

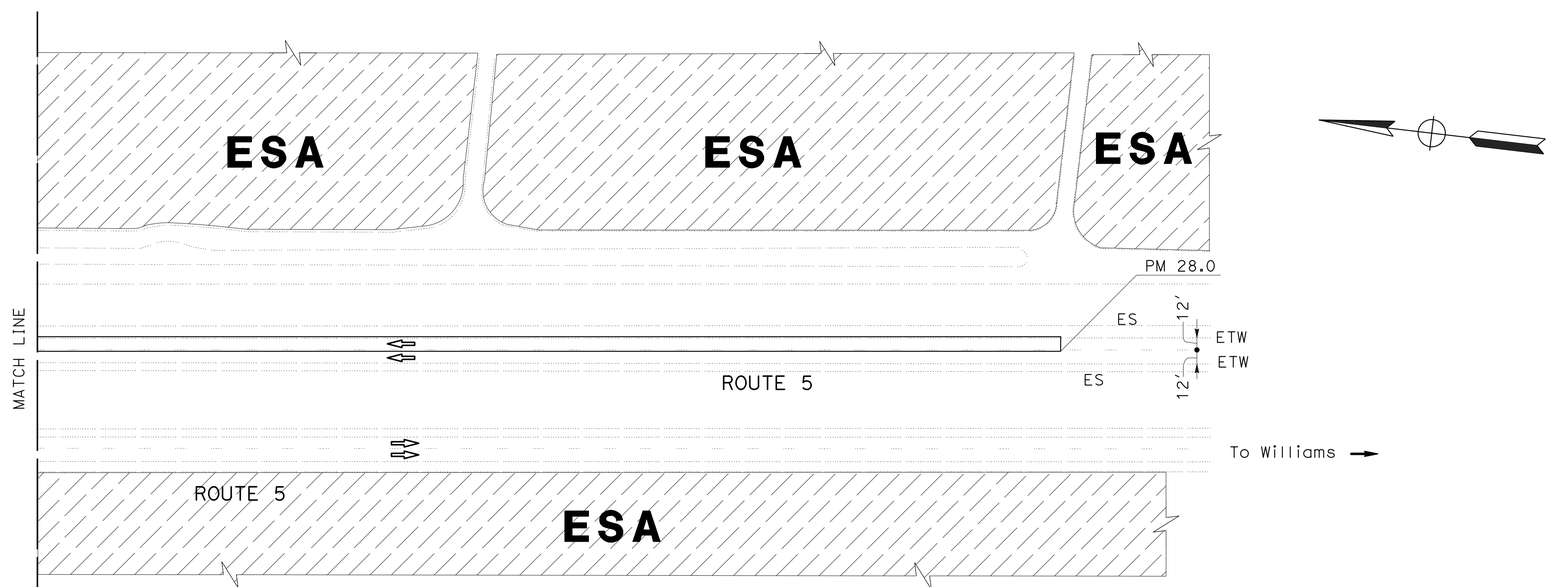
1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE SHEETS.



NORTHBOUND - PLAN VIEW

LOCATION 3 Col: PM R28.0 - PM R28.5

ROUTE 5



NORTHBOUND - PLAN VIEW

LOCATION 3 Col: PM R28.0 - PM R28.5

ROUTE 5

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **MAINTENANCE DESIGN**

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS

CALCULATED-DESIGNED BY: JESUS N GONZALEZ

CHECKED BY

REVISED BY

DATE REVISED

MANUEL TAMAYO JR

LAST REVISION 00-00-00 | DATE PLOTTED => 16-SEP-2016 | TIME PLOTTED => 10:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	5	8

REGISTERED CIVIL ENGINEER 9-12-16 DATE

9-12-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SAMEH HEGAZI No. C64899 Exp. 6-30-17 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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	SIGN MESSAGE	NUMBER OF POST AND SIZE	NUMBER OF SIGNS
A	W20-1	60" X 60"	ROAD WORK AHEAD	2 - 4" X 6"	6
B	C40 (Mod) <CA>	72" X 42"	TRAFFIC FINES DOUBLED IN WORK ZONES	2 - 4" X 6"	3
C	C14 <CA>	48" X 24"	END ROAD WORK	1 - 4" X 6"	3

NOTES:
1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
2. ALL SIGN CODES ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA <CA> SIGN CODES.

LEGEND

(X) CONSTRUCTION AREA SIGN LETTER

SIGN DETAILS

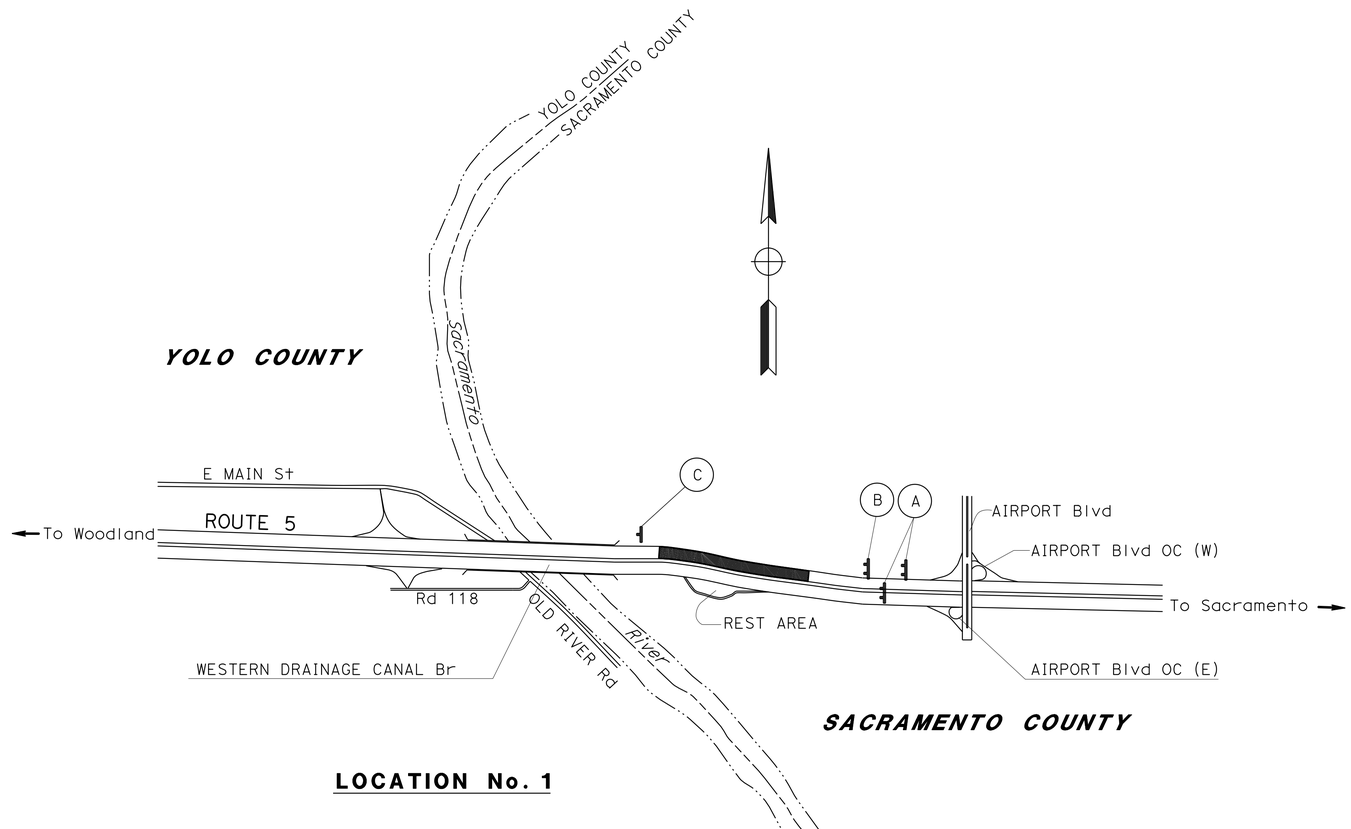
(C) C40(Mod)<CA>

TRAFFIC FINES
DOUBLED IN
WORK ZONES

6" D SERIES LETTERS

72"X42"

RETROREFLECTIVE WHITE BACKGROUND WITH BLACK LEGEND AND BORDER.



LOCATION No. 1

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS
CALCULATED-DESIGNED BY: SAMEH HEGAZI
CHECKED BY: JACK KEMMERLY Jr
REVISED BY
DATE REVISED

LAST REVISION 06-07-16
DATE PLOTTED => 16-SEP-2016
TIME PLOTTED => 10:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	6	8

REGISTERED CIVIL ENGINEER 9-12-16 DATE

9-12-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAMEH HEGAZI
No. C64899
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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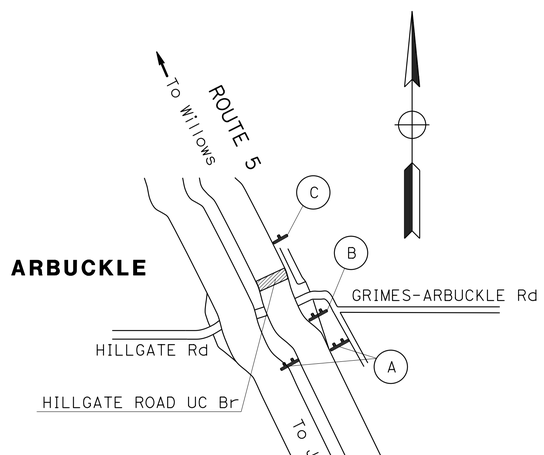
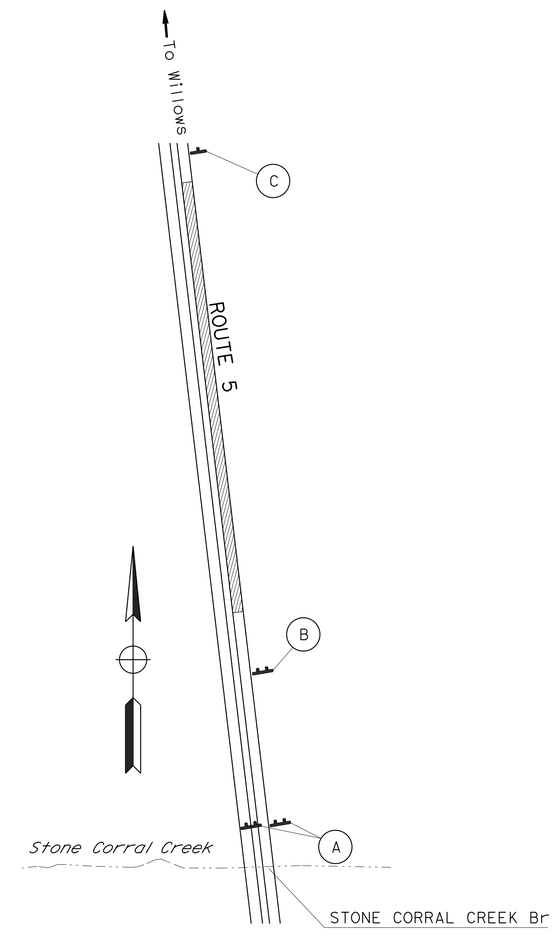


LOCATION No. 2



LOCATION No. 3

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS
CALCULATED-DESIGNED BY: SAMEH HEGAZI
CHECKED BY: JACK KEMMERLY Jr.
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 16-SEP-2016
06-07-16 TIME PLOTTED => 10:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Col,Sac	5	Var	7	8

REGISTERED CIVIL ENGINEER 9-12-16 DATE

9-12-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAMEH HEGAZI
No. C64899
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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4" THERMOPLASTIC TRAFFIC STRIPE (EWNV) (BROKEN 36-12)

DETAIL NUMBER	LINEAR FEET
12	5,386
TOTAL	5,386

4" THERMOPLASTIC TRAFFIC STRIPE (EWNV)

DETAIL NUMBER	LINEAR FEET
25	2,746
27B	5,386
TOTAL	8,131

PAVEMENT MARKER (RETROREFLECTIVE)

DETAIL NUMBER	TYPE G (EACH)	TYPE H (EACH)
12	116	
25		60
SUBTOTAL	116	60
TOTAL	176	

NOTES:
1. EWNV = ENHANCED WET NIGHT VISIBILITY

PAVEMENT DELINEATION QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS
CALCULATED-DESIGNED BY: SAMEH HEGAZI
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REVISED BY
DATE REVISED

LAST REVISION 06-07-16
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER DATE 9-12-16

PLANS APPROVAL DATE 9-12-16

REGISTERED PROFESSIONAL ENGINEER JESUS N GONZALEZ No. C81788 Exp. 3-31-18 CIVIL STATE OF CALIFORNIA

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ROADWAY QUANTITIES

(1) LOCATION ⊗ PM TO PM	COUNTY	DIRECTION	COLD PLANE ASPHALT CONCRETE PAVEMENT	TACK COAT	HOT MIX ASPHALT (TYPE A)	HOT MIX ASPHALT-OPEN GRADED (OPEN GRADED FRICTION COURSE)
			SQYD	TON	TON	TON
① 33.5 TO 34.0	Sac	NB	7,700	2.0	1,040.0	
② 6.9	Col	NB	305	0.1	85.0	
③ R28.0 TO R28.5	Col	NB	3,820	1.0	650.0	220.0
TOTAL			11,825	3.1	1,775.0	220.0

(1) EXACT COLD PLANE ASPHALT CONCRETE LOCATION TO BE DETERMINED BY THE ENGINEER.

TEMPORARY DRAINAGE INLET PROTECTION

LOCATION	PM	ROADWAY	DRAINAGE INLET
			EA
2	6.96	Rte 5 NB Rt Shld	1
		TOTAL	1

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: JOYCE K LOFTUS

CALCULATED-DESIGNED BY: MANUEL TAMAYO JR
CHECKED BY: JESUS N GONZALEZ

REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 16-SEP-2016
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