Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	151	486

REGISTERED CIVIL ENGINEER — DATE 9/28/12

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — NINH M. LE — No. 47518 — Exp. 12/31/13 — CIVIL — STATE OF CALIFORNIA

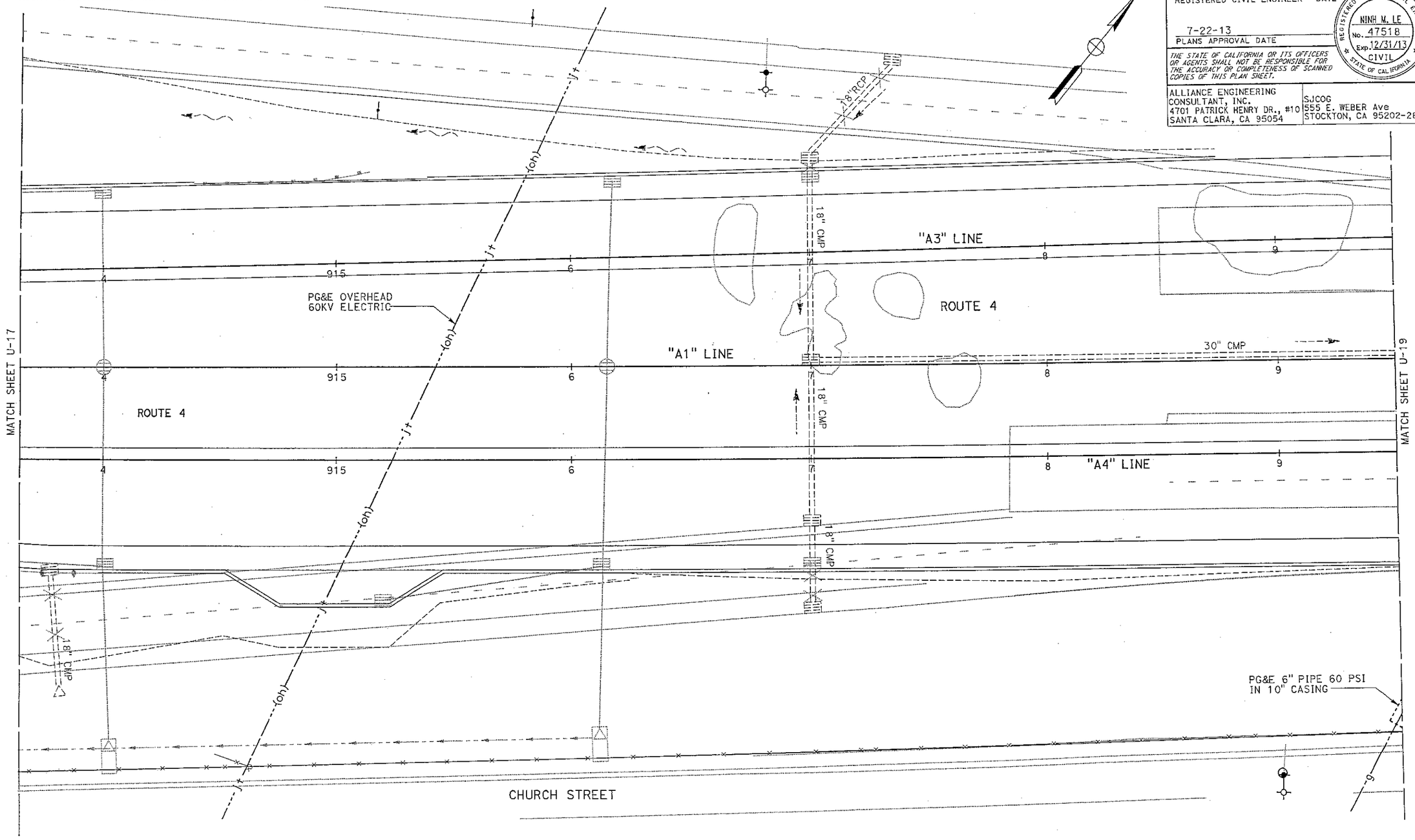
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ALLIANCE ENGINEERING CONSULTANT, INC.
4701 PATRICK HENRY DR., #10
SANTA CLARA, CA 95054

SJCOG
555 E. WEBER Ave
STOCKTON, CA 95202-2804

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



UTILITY PLAN

SCALE: 1" = 20'

U-18

APPROVED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEN NGAI

CALCULATED-DESIGNED BY: JOHN BEEBE — CHECKED BY: DAVID CLOW — REVISED BY — DATE REVISED

LAST REVISION 00-00-00 — DATE PLOTTED => 23-JUL-2013 — TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	152	486

REGISTERED CIVIL ENGINEER 9/28/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER NINH W. LE No. 47518 Exp. 12/31/13 CIVIL STATE OF CALIFORNIA

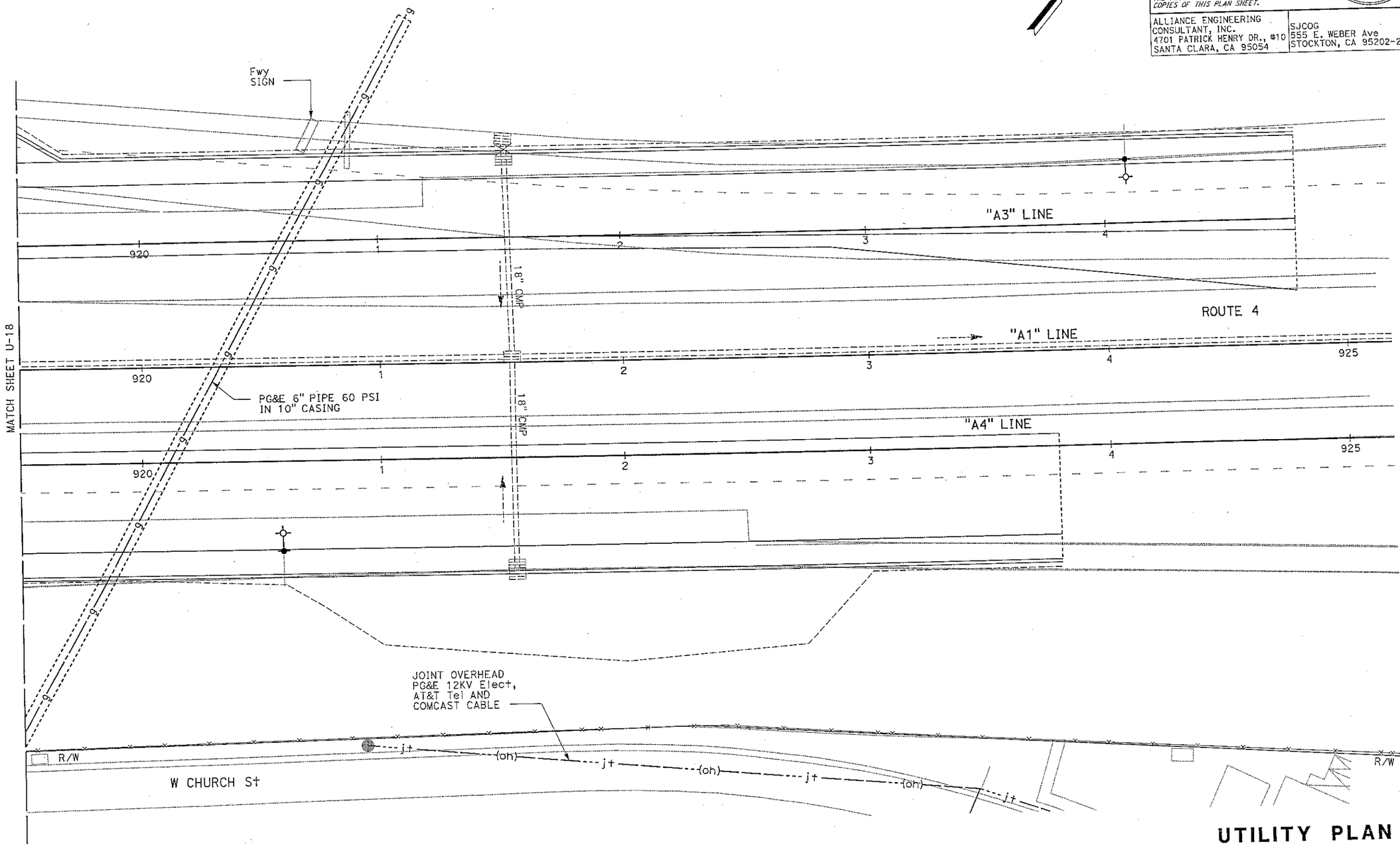
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ALLIANCE ENGINEERING CONSULTANT, INC.
4701 PATRICK HENRY DR., #10
SANTA CLARA, CA 95054

SJCOG
555 E. WEBER Ave
STOCKTON, CA 95202-2804

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



UTILITY PLAN

SCALE: 1" = 20'

U-19

APPROVED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEN NGAI
CALCULATED-DESIGNED BY: JOHN BEEBE
CHECKED BY: DAVID CLOW
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 23-JUL-2013
TIME PLOTTED => 08:36

BORDER LAST REVISED 7/2/2010
USERNAME => s123631
DGN FILE => 1000000229ka019.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1455
PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	153	486

REGISTERED CIVIL ENGINEER 9/28/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER NINH M. LE No. 47518 Exp. 12/31/13 CIVIL STATE OF CALIFORNIA

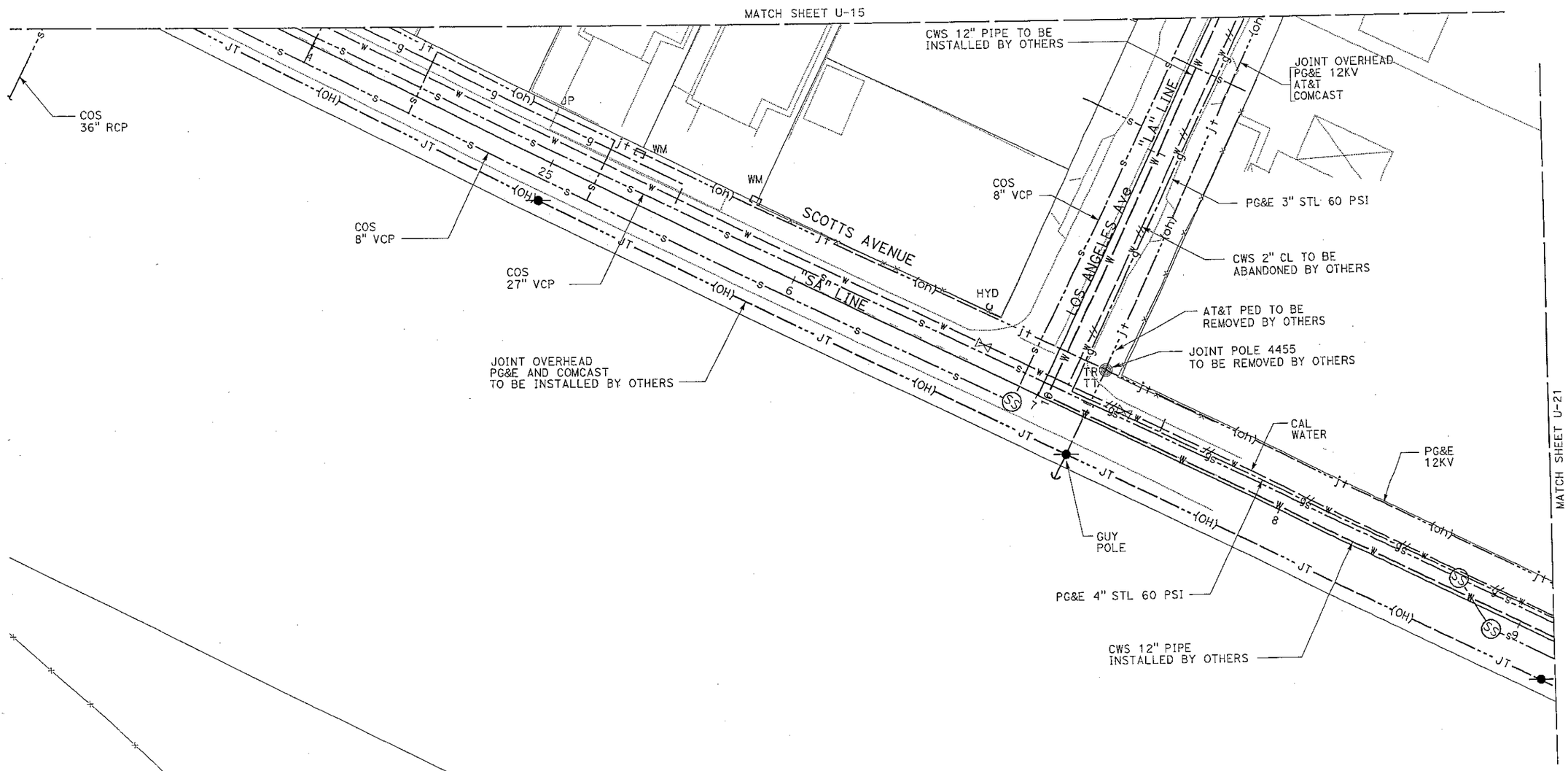
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ALLIANCE ENGINEERING CONSULTANT, INC.
4701 PATRICK HENRY DR., #10
SANTA CLARA, CA 95054

SJCOG
555 E. WEBER Ave
STOCKTON, CA 95202-2804

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



UTILITY PLAN

SCALE: 1" = 20'

U-20

APPROVED FOR UTILITY INFORMATION ONLY

REVISED BY	DATE REVISED
JOHN BEEBE	DAVID CLOW
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	KEN NGAI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:36

BORDER LAST REVISED 7/2/2010 | USERNAME => s123631 | DGN FILE => 1000000229ka020.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1455 | PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	154	486

REGISTERED CIVIL ENGINEER — DATE 9/28/12

REGISTERED PROFESSIONAL ENGINEER — NINH M. LE — No. 47518 — Exp. 12/31/13 — CIVIL — STATE OF CALIFORNIA

7-22-13
PLANS APPROVAL DATE

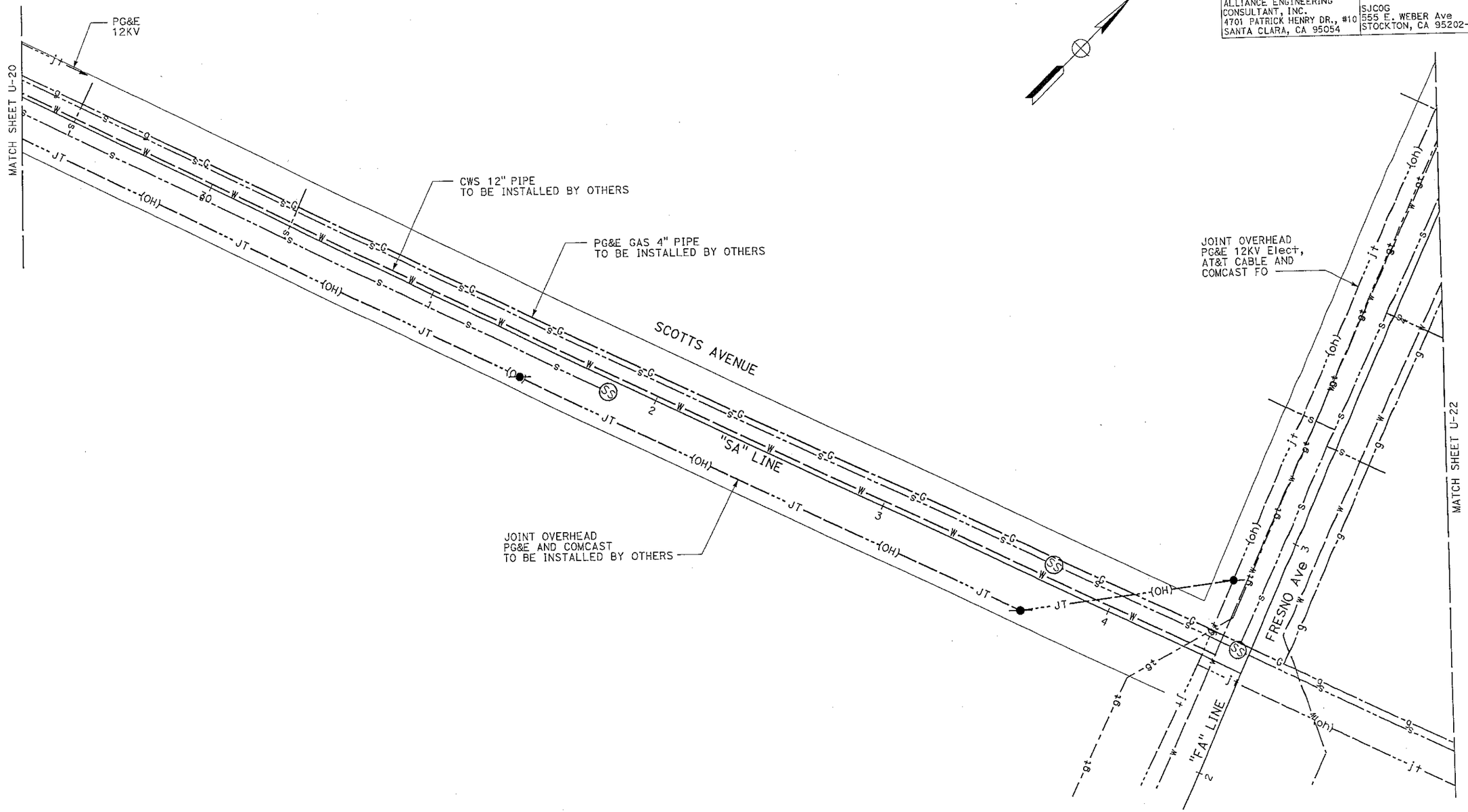
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ALLIANCE ENGINEERING CONSULTANT, INC.
4701 PATRICK HENRY DR., #10
SANTA CLARA, CA 95054

SJCOG
555 E. WEBER Ave
STOCKTON, CA 95202-2804

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



UTILITY PLAN

SCALE: 1" = 20'

U-21

APPROVED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEN NGAI

CALCULATED-DESIGNED BY: JOHN BEEBE — CHECKED BY: DAVID CLOW

REVISED BY — DATE REVISED

LAST REVISION 00-00-00 — DATE PLOTTED => 23-JUL-2013 — TIME PLOTTED => 08:36

BORDER LAST REVISED 7/2/2010 — USERNAME => s123631 — DGN FILE => 1000000229ka021.dgn — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 — UNIT 1455 — PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	155	486

REGISTERED CIVIL ENGINEER — DATE 9/28/12

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — NINH M. LE — No. 47518 — Exp. 12/31/13 — CIVIL — STATE OF CALIFORNIA

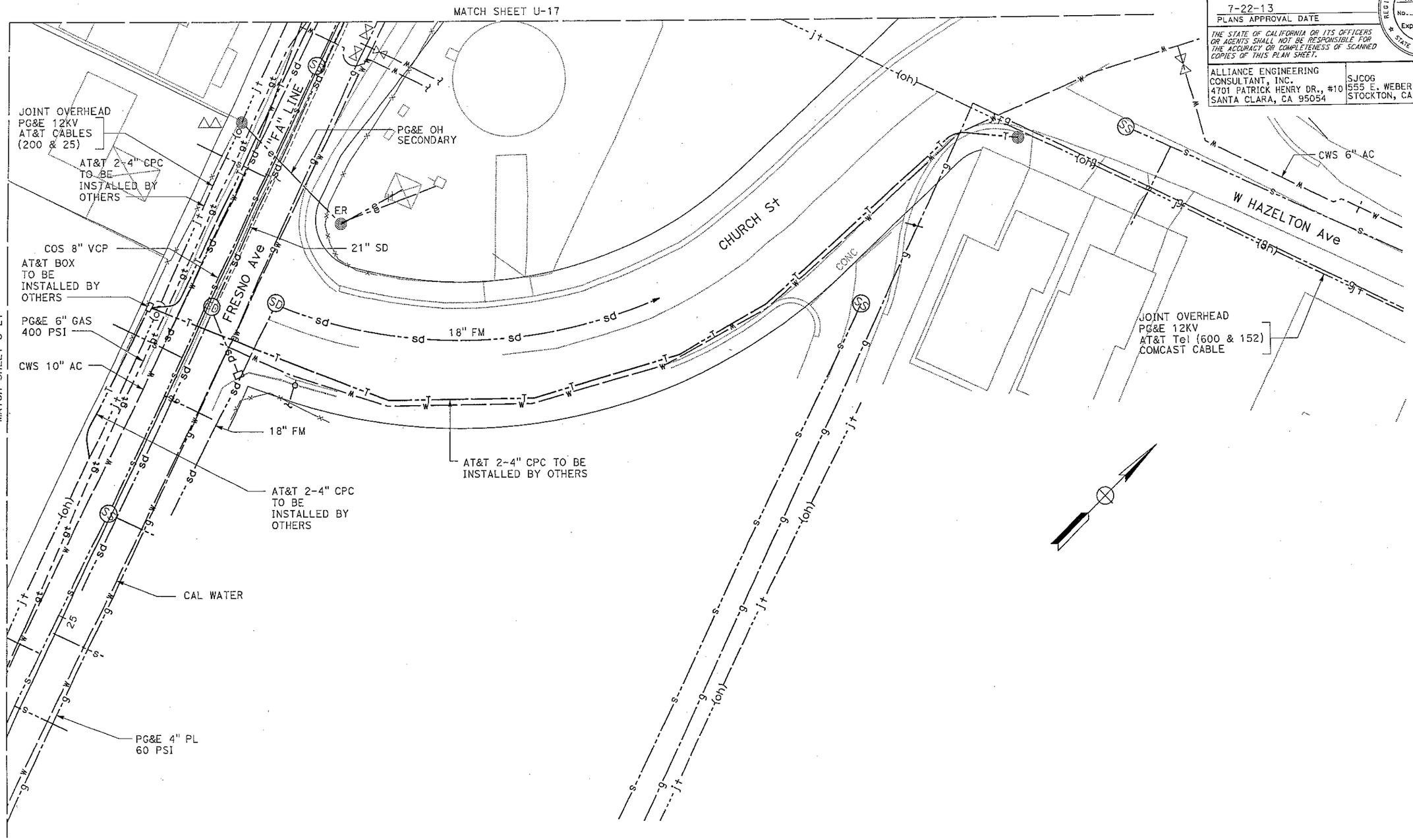
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ALLIANCE ENGINEERING CONSULTANT, INC.
4701 PATRICK HENRY DR., #10
SANTA CLARA, CA 95054

SJCOG
555 E. WEBER Ave
STOCKTON, CA 95202-2804

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



UTILITY PLAN

SCALE: 1" = 20'

U-22

APPROVED FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEN NGAI

CALCULATED-DESIGNED BY: JOHN BEEBE
CHECKED BY: DAVID CLOW

REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:36

BORDER LAST REVISED 7/2/2010 | USERNAME => s123631 | DGN FILE => 1000000229ka022.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1455 | PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	156	486

REGISTERED CIVIL ENGINEER — 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — CIVIL — STATE OF CALIFORNIA

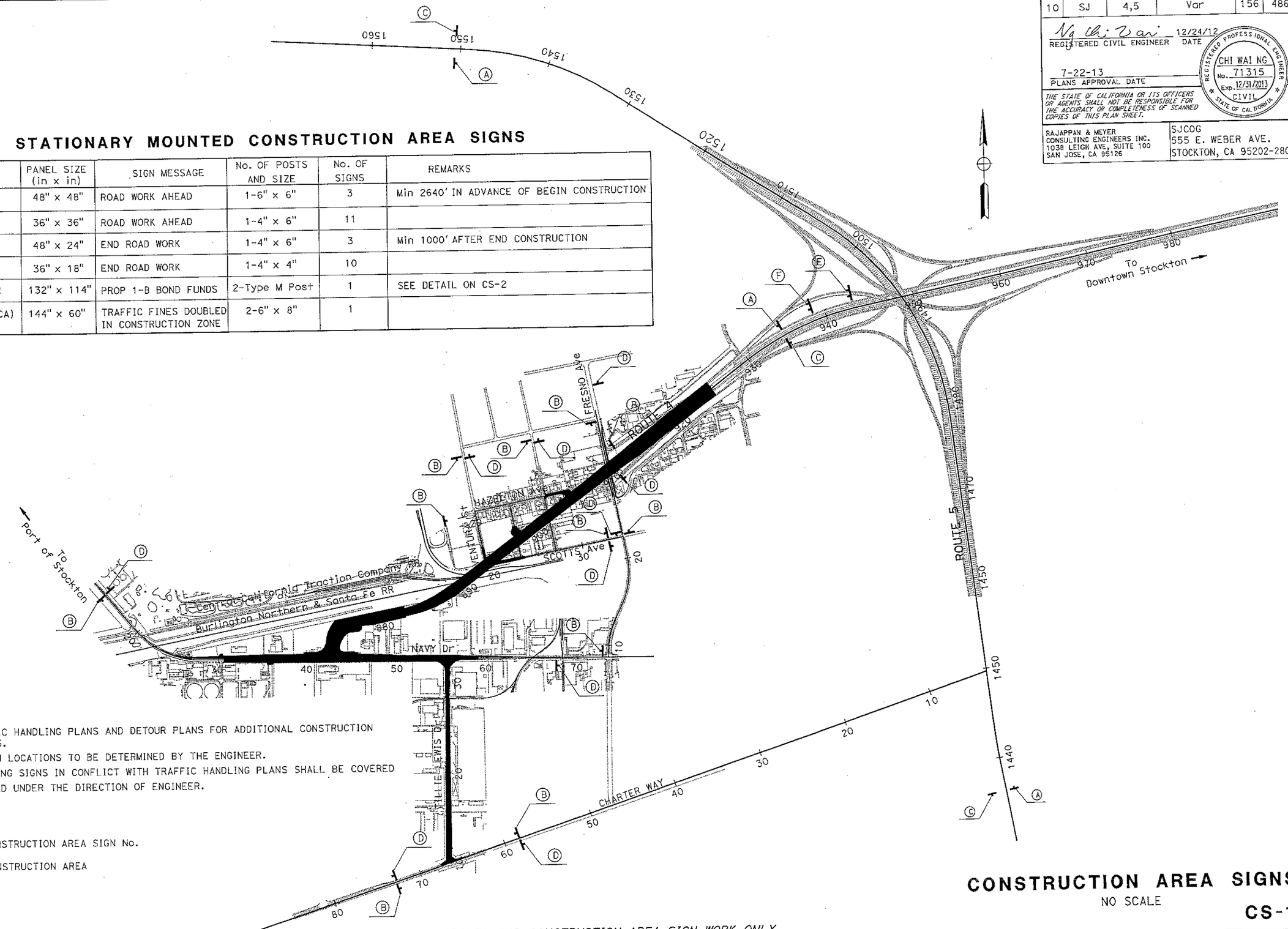
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN	SIGN CODE	PANEL SIZE (in x in)	SIGN MESSAGE	No. OF POSTS AND SIZE	No. OF SIGNS	REMARKS
A	W20-1	48" x 48"	ROAD WORK AHEAD	1-6" x 6"	3	Min 2640' IN ADVANCE OF BEGIN CONSTRUCTION
B	W20-1	36" x 36"	ROAD WORK AHEAD	1-4" x 6"	11	
C	G20-2	48" x 24"	END ROAD WORK	1-4" x 6"	3	Min 1000' AFTER END CONSTRUCTION
D	G20-2	36" x 18"	END ROAD WORK	1-4" x 4"	10	
E	TYPE 2	132" x 114"	PROP 1-B BOND FUNDS	2-Type M Post	1	SEE DETAIL ON CS-2
F	C40 (CA)	144" x 60"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONE	2-6" x 8"	1	



NOTES:

1. SEE TRAFFIC HANDLING PLANS AND DETOUR PLANS FOR ADDITIONAL CONSTRUCTION AREA SIGNS.
2. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. ALL EXISTING SIGNS IN CONFLICT WITH TRAFFIC HANDLING PLANS SHALL BE COVERED OR REMOVED UNDER THE DIRECTION OF ENGINEER.

LEGEND:

(A) CONSTRUCTION AREA SIGN No.

CONSTRUCTION AREA

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

REVISED BY	DATE REVISED

BRENDAN CHAPMAN — CALCULATED-DESIGNED BY
CHI WAI NG — CHECKED BY
KEITH MEYER — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 DATE PLOTTED => 23-JUL-2013 TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	157	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

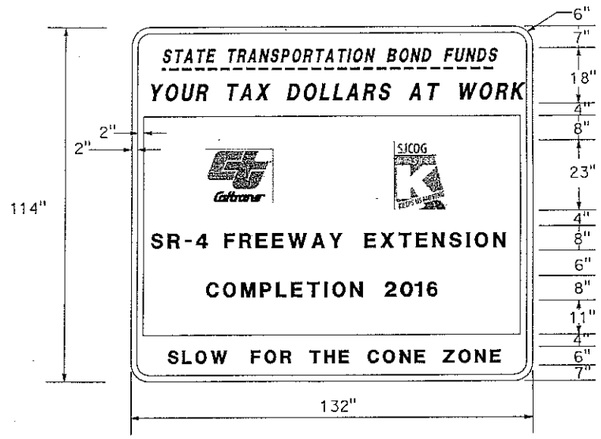
7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

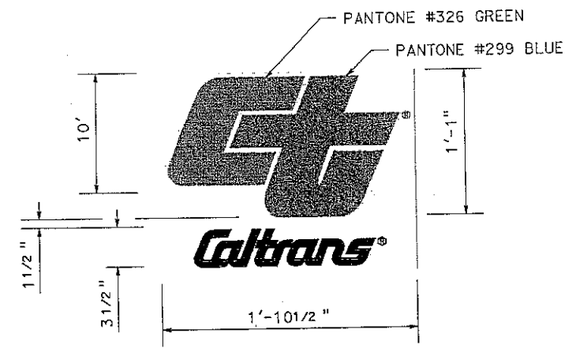
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

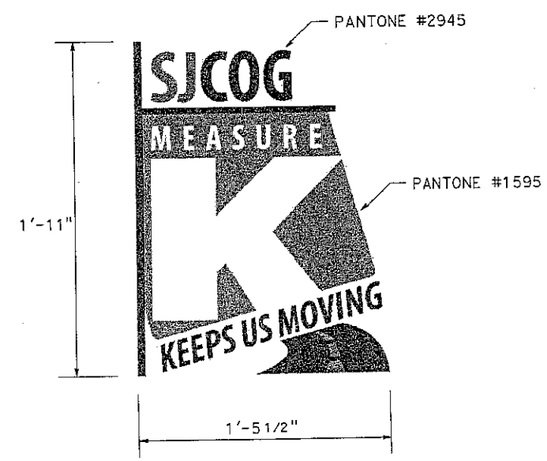
SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804



PROP 1-B BOND FUNDS - GENERAL SIGN SPECIFICATION



CALTRANS LOGO



SJCOG/MEASURE K LOGO

DESIGN NOTES:

1. MAIN TEXT (SR-4 FREEWAY EXTENSION) USE 6" SERIES D TEXT MINIMUM.
2. COMPLETION DATE TEXT (COMPLETION 2016)
   USE 8" SERIES D TEXT MINIMUM FOR ALL TEXT. OPTIONALLY, IF "COMPLETION" IS USED ON A SEPARATE LINE AND TO THE LEFT OR RIGHT OF A LOGO, IT MAY BE USED AS SMALL TEXT, 4" SERIES D MINIMUM.
3. ALL FUNDING AGENCY PARTICIPANT LOGOS ARE TO BE DISPLAYED.
4. INDIVIDUAL LOGO HEIGHT VARIABLE UP TO 23" MAXIMUM
5. CALTRANS LOGO SHALL BE DISPLAYED AS THE UPPERMOST AND LEFTMOST LOGO AMONGST A GROUP OR GROUPS OF LOGOS.
6. OVERALL SIGN SIZE SHALL NOT EXCEED 11' x 11' (132" x 132").

FABRICATION NOTES:

1. VECTOR FILES FOR LOGOS TO BE SUPPLIED TO THE SIGN MANUFACTURER UPON REQUEST.
2. COMPLY WITH 2010 STANDARD PLANS S93 AND S94 FOR SIGN PANEL.
3. COMPLY WITH ASTM TYPE II RETRORELFECTIVE SHEETING (OR HIGHER GRADE) FOR ALL COLORS EXCEPT BLACK.
4. LEGEND AND ARTWORK MAY BE TRANSPARENT FILM, INK, OR APPLIED DECALS.
5. OVERLAY ENTIRE SIGN FACE WITH PREMIUM GRADE GRAFFITI FILM.
6. COMPLY WITH RETROREFLECTIVE SHEETING MANUFACTURER'S RECOMMENDATIONS FOR TRANSPARENT FILM, INK, APPLIED DECALS, AND GRAFFITI FILM.

COLORS: BORDER - PURPLE (PANTONE #520)
LEGEND - BLACK, WHITE, AND ORANGE
BACKGROUND - PURPLE (PANTONE #520) AND WHITE
CT LOGO - GREEN (PANTONE #326) AND BLUE (PANTONE #299)

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER
CALCULATED-DESIGNED BY: BRENDAN CHAPMAN
CHECKED BY: CHI WAI NG
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 23-JUL-2013
TIME PLOTTED => 08:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	158	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:

1. WORK NOT NECESSARY FOR TRAFFIC HANDLING MAYBE COMPLETED AT ANYTIME AND IS NOT SHOWN.
2. ACCESS TO PRIVATE PROPERTIES AND PEDESTRIANS SHALL BE MAINTAINED AT ALL TIMES.

LEGEND:

- CONSTRUCTED IN PREVIOUS STAGES
- CONSTRUCT THIS STAGE
- CONSTRUCT TEMPORARY PAVEMENT
- FIRST ORDER OF WORK CONSTRUCT TEMPORARY PAVEMENT
- (2) TRAFFIC DIRECTION AND NUMBER OF LANES
- (F) FINAL PAVEMENT DELINEATION/MARKING

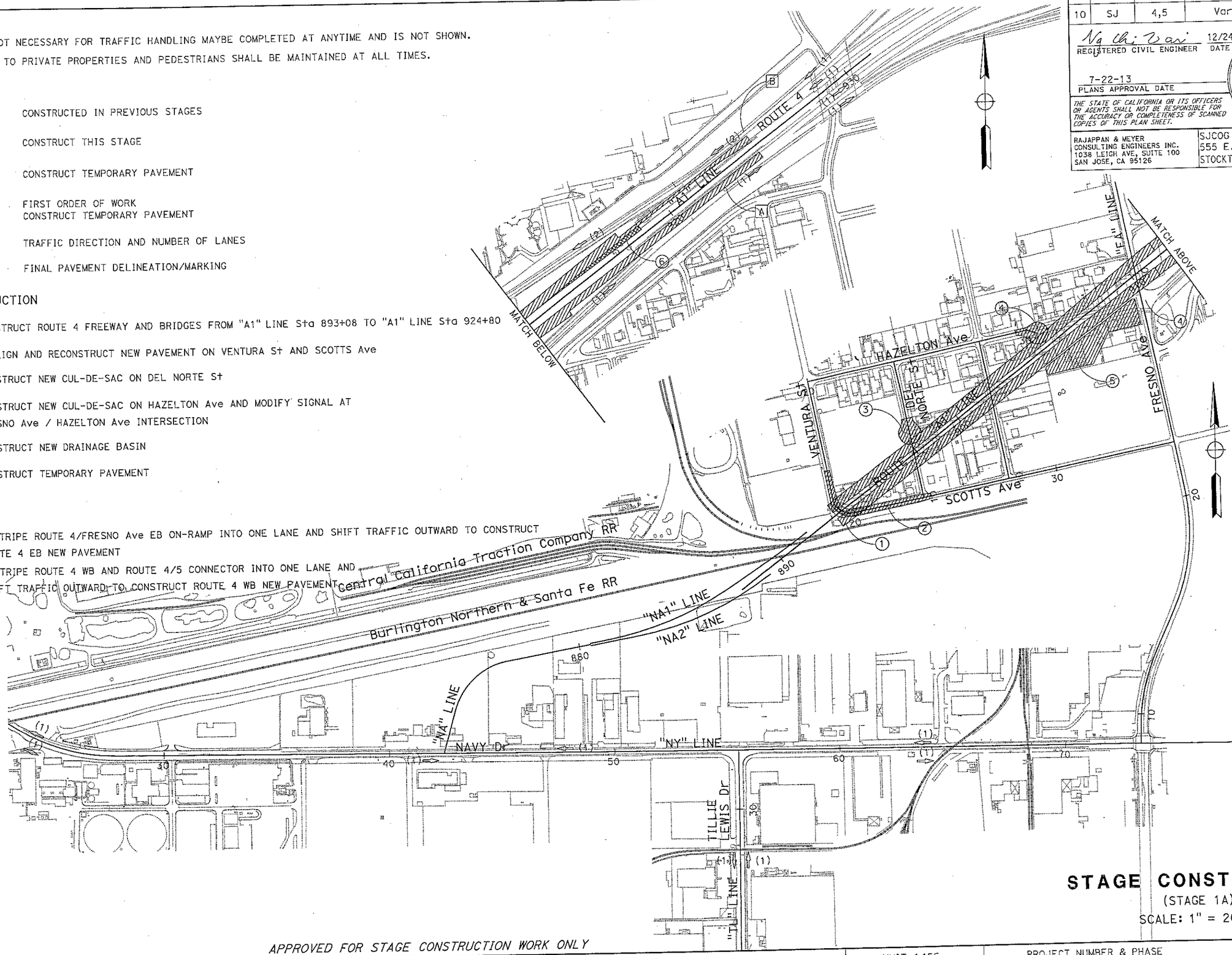
CONSTRUCTION

1. CONSTRUCT ROUTE 4 FREEWAY AND BRIDGES FROM "A1" LINE Sta 893+08 TO "A1" LINE Sta 924+80
2. REALIGN AND RECONSTRUCT NEW PAVEMENT ON VENTURA St AND SCOTTS Ave
3. CONSTRUCT NEW CUL-DE-SAC ON DEL NORTE St
4. CONSTRUCT NEW CUL-DE-SAC ON HAZELTON Ave AND MODIFY SIGNAL AT FRESNO Ave / HAZELTON Ave INTERSECTION
5. CONSTRUCT NEW DRAINAGE BASIN
6. CONSTRUCT TEMPORARY PAVEMENT

TRAFFIC

A. RESTRIPE ROUTE 4/FRESNO Ave EB ON-RAMP INTO ONE LANE AND SHIFT TRAFFIC OUTWARD TO CONSTRUCT ROUTE 4 EB NEW PAVEMENT

B. RESTRIPE ROUTE 4 WB AND ROUTE 4/5 CONNECTOR INTO ONE LANE AND SHIFT TRAFFIC OUTWARD TO CONSTRUCT ROUTE 4 WB NEW PAVEMENT



STAGE CONSTRUCTION
(STAGE 1A)
SCALE: 1" = 200'

SC-1

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: BRENDAN CHAPMAN
CHECKED BY: CHI WAI NG

REVISED BY / DATE REVISED

LAST REVISION 00-00-00 — PLOTTED => 23-JUL-2013 — PLOTTED => 08:22

UNIT 1455 — PROJECT NUMBER & PHASE 10000002291

BORDER LAST REVISED 7/2/2010 — USERNAME => s135318 — DGN FILE => 1000000229ma001.dgn — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	163	486

Na Chi Wai 12/24/12
REGISTERED CIVIL ENGINEER DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

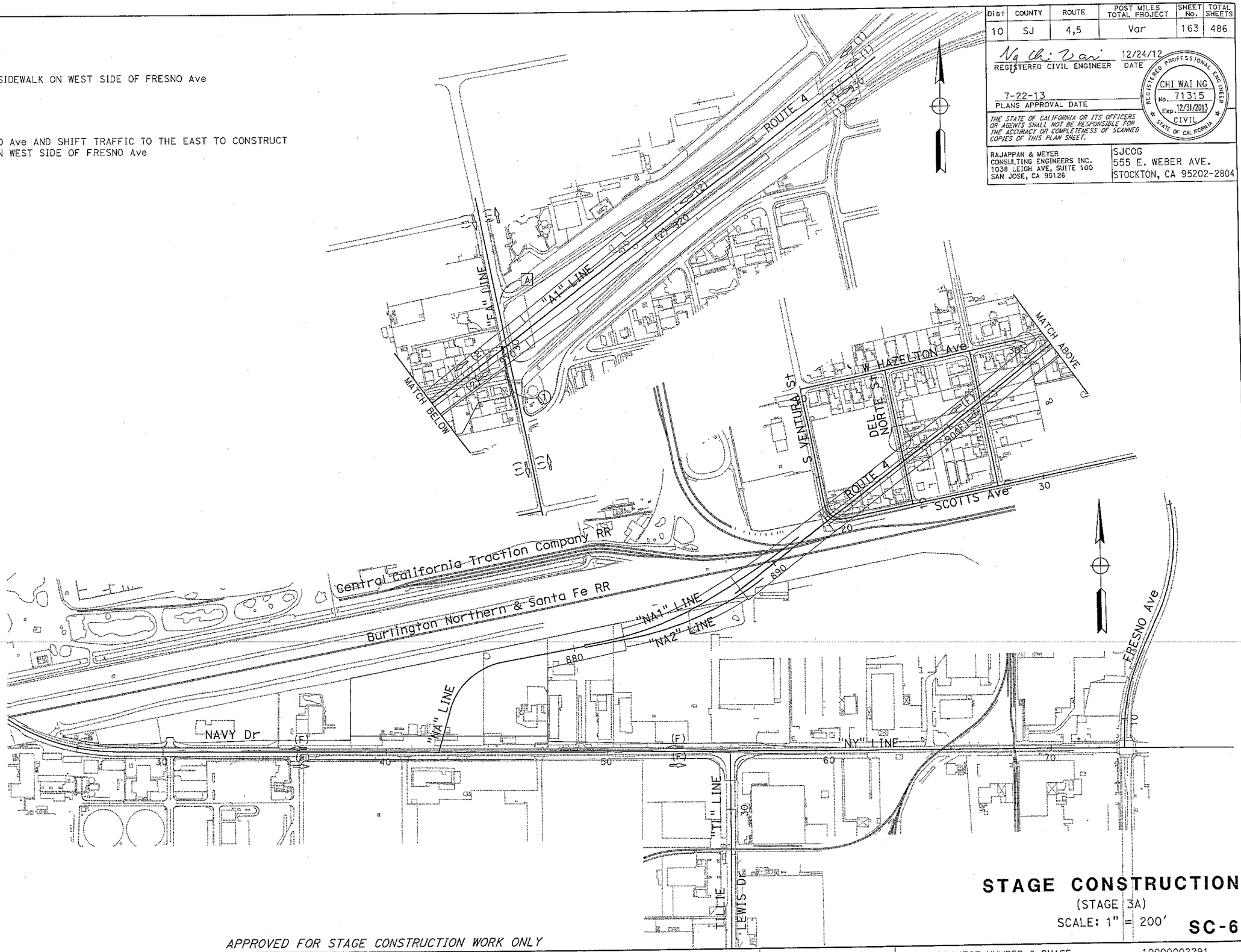
SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

CONSTRUCTION

(1) CONSTRUCT NEW SIDEWALK ON WEST SIDE OF FRESNO Ave

TRAFFIC

[A] RESTRIPE FRESNO Ave AND SHIFT TRAFFIC TO THE EAST TO CONSTRUCT NEW SIDEWALK ON WEST SIDE OF FRESNO Ave



STAGE CONSTRUCTION

(STAGE 3A)

SCALE: 1" = 200'

SC-6

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER
CALCULATED-DESIGNED BY: BRENDAN CHAPMAN
CHECKED BY: CHI WAI NG
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 23-JUL-2013
TIME PLOTTED => 08:23

BORDER LAST REVISED 7/2/2010
USERNAME => s135318
DGN FILE => 1000000229ma006.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1455
PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	164	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

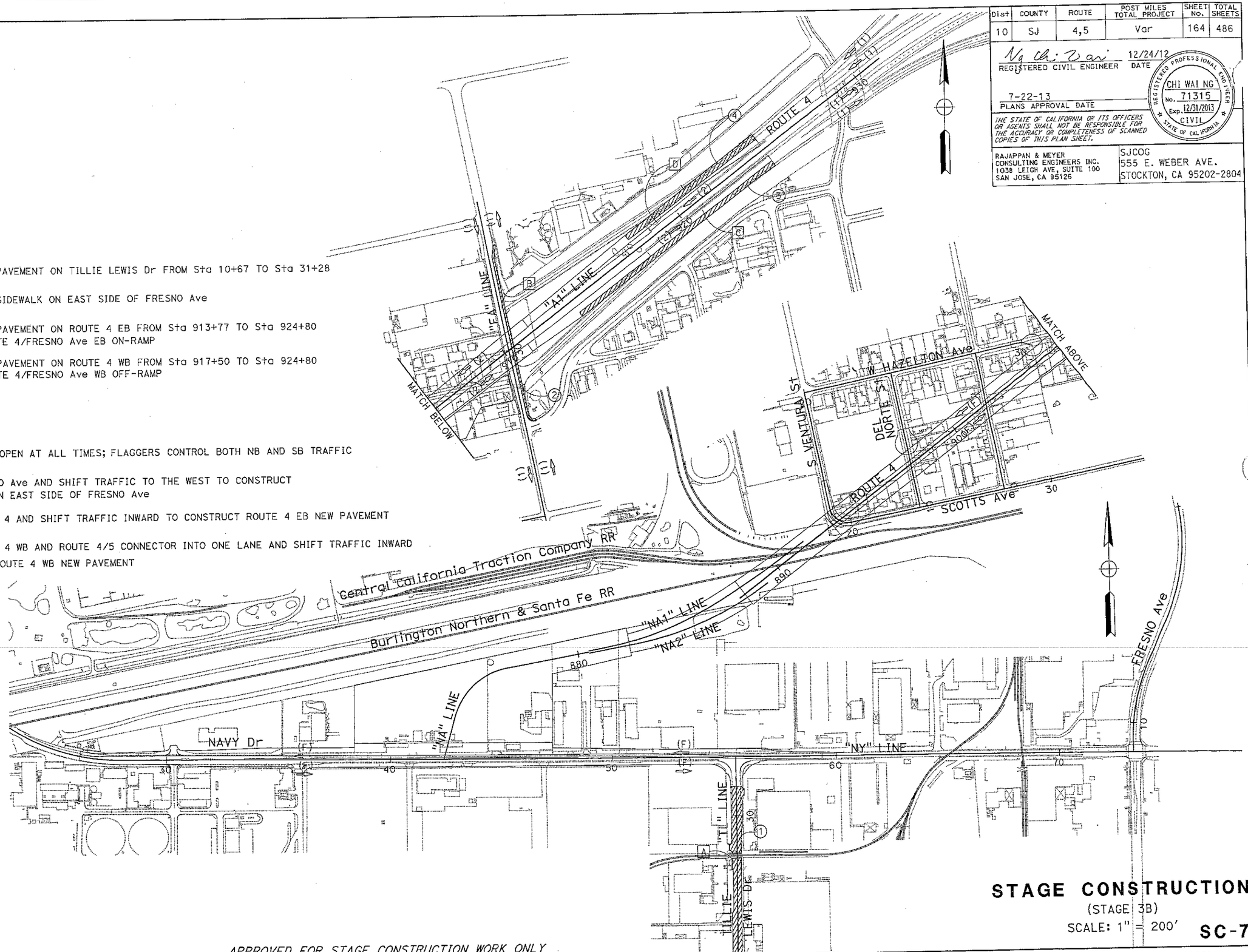
SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

CONSTRUCTION

1. CONSTRUCT NEW PAVEMENT ON TILLIE LEWIS Dr FROM Sta 10+67 TO Sta 31+28
2. CONSTRUCT NEW SIDEWALK ON EAST SIDE OF FRESNO Ave
3. CONSTRUCT NEW PAVEMENT ON ROUTE 4 EB FROM Sta 913+77 TO Sta 924+80 AND REMOVE ROUTE 4/FRESNO Ave EB ON-RAMP
4. CONSTRUCT NEW PAVEMENT ON ROUTE 4 WB FROM Sta 917+50 TO Sta 924+80 AND REMOVE ROUTE 4/FRESNO Ave WB OFF-RAMP

TRAFFIC

- [A] KEEP ONE LANE OPEN AT ALL TIMES; FLAGGERS CONTROL BOTH NB AND SB TRAFFIC
- [B] RESTRIPE FRESNO Ave AND SHIFT TRAFFIC TO THE WEST TO CONSTRUCT NEW SIDEWALK ON EAST SIDE OF FRESNO Ave
- [C] RESTRIPE ROUTE 4 AND SHIFT TRAFFIC INWARD TO CONSTRUCT ROUTE 4 EB NEW PAVEMENT
- [D] RESTRIPE ROUTE 4 WB AND ROUTE 4/5 CONNECTOR INTO ONE LANE AND SHIFT TRAFFIC INWARD TO CONSTRUCT ROUTE 4 WB NEW PAVEMENT



STAGE CONSTRUCTION

(STAGE 3B)

SCALE: 1" = 200'

SC-7

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	BRENDAN CHAPMAN
CHECKED BY	CHI WAI NG
CONSULTANT FUNCTIONAL SUPERVISOR	KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

TED => 23-JUL-2013
TIED => 08:23

LAST REVISION	DATE	TIME
00-00-00		

BORDER LAST REVISED 7/2/2010

USERNAME => s135318
DGN FILE => 1000000229ma007.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	165	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — CIVIL — STATE OF CALIFORNIA

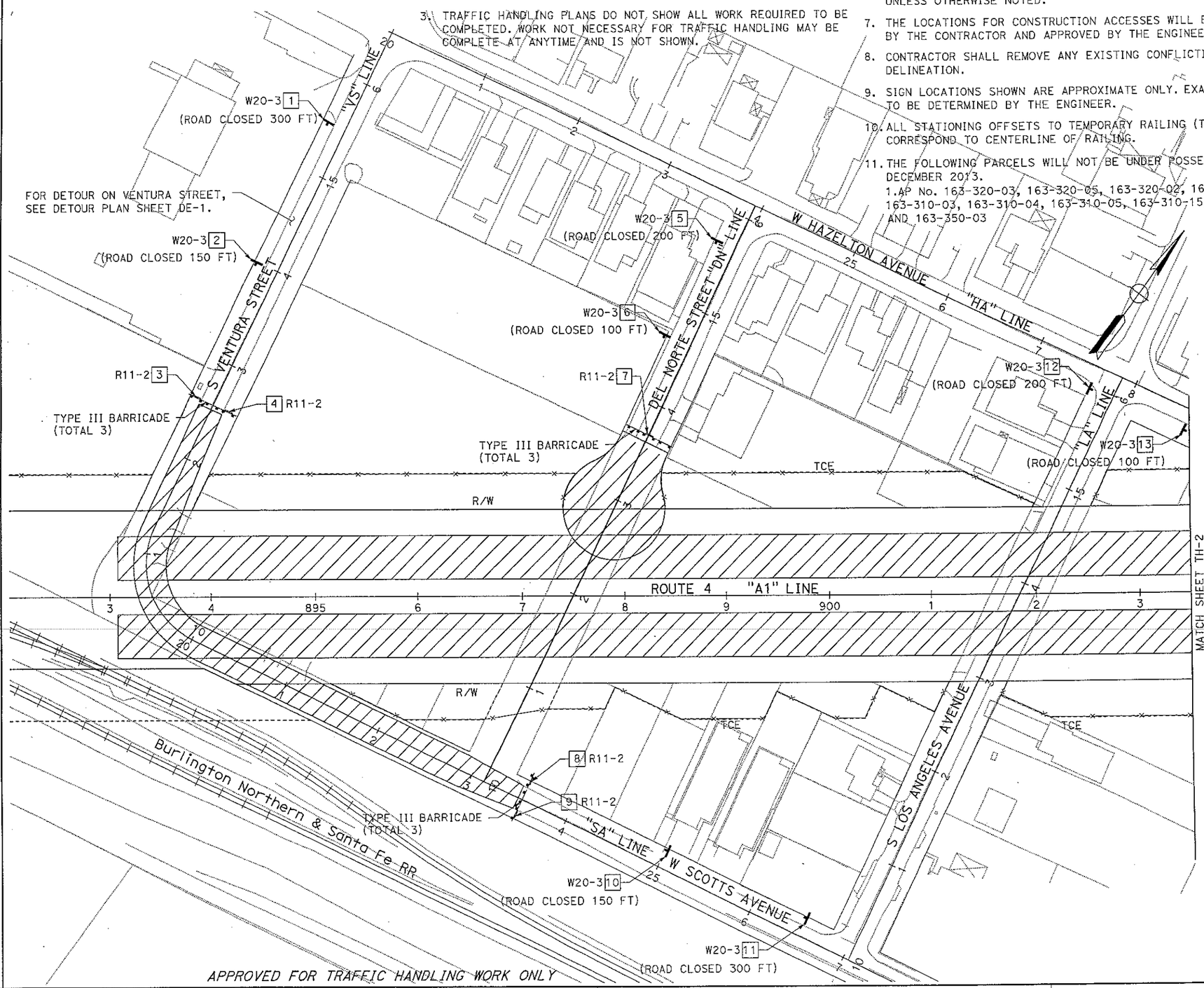
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. MAINTAIN COMPLETE ACCESS TO THE DRIVEWAY AT ALL TIMES. DO NOT BLOCK THE DRIVEWAY DURING CONSTRUCTION.
3. TRAFFIC HANDLING PLANS DO NOT SHOW ALL WORK REQUIRED TO BE COMPLETED. WORK NOT NECESSARY FOR TRAFFIC HANDLING MAY BE COMPLETE AT ANYTIME AND IS NOT SHOWN.
4. ADDITIONAL CONSTRUCTION AREA SIGNS ARE SHOWN ON CONSTRUCTION AREA SIGNS PLANS AND DETOUR PLANS.
5. TEMPORARY RAILING (TYPE K) FLARE SHALL BE AT 10:1 OR FLATTER.
6. SURFACE MOUNTED CHANNELIZERS SHALL BE SPACED AT 50' INTERVAL, UNLESS OTHERWISE NOTED.
7. THE LOCATIONS FOR CONSTRUCTION ACCESSES WILL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
8. CONTRACTOR SHALL REMOVE ANY EXISTING CONFLICTING PAVEMENT DELINEATION.
9. SIGN LOCATIONS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
10. ALL STATIONING OFFSETS TO TEMPORARY RAILING (TYPE K) CORRESPOND TO CENTERLINE OF RAILING.
11. THE FOLLOWING PARCELS WILL NOT BE UNDER POSSESSION UNTIL DECEMBER 2013.
    1. AP No. 163-320-03, 163-320-05, 163-320-02, 163-310-02, 163-310-03, 163-310-04, 163-310-05, 163-310-15, 163-350-02 AND 163-350-03



APPROVED FOR TRAFFIC HANDLING WORK ONLY

LEGEND:

- CONSTRUCT AREA
- TEMPORARY RAILING (TYPE K)
- TEMPORARY RAILING (TYPE K) FROM PREVIOUS STAGES
- TEMPORARY CRASH CUSHION MODULE (ARRAY AS NOTED)
- TEMPORARY CRASH CUSHION MODULE (ARRAY AS NOTED) FROM PREVIOUS STAGES
- CHANNELIZER (SURFACE MOUNTED)
- CHANNELIZER (SURFACE MOUNTED) FROM PREVIOUS STAGES
- ONE POST SIGN
- ONE POST SIGN FROM PREVIOUS STAGES
- BARRICADE
- BARRICADE WITH SIGN
- BARRICADE FROM PREVIOUS STAGE
- BARRICADE WITH SIGN FROM PREVIOUS STAGE
- IP — TYPE P MARKER
- No. — TEMPORARY PAVEMENT DELINEATION DETAIL No. PAINT TRAFFIC STRIPE (2-COAT)
- XX — CONSTRUCTION SIGN No.
- DIRECTION OF TRAVEL
- LIMIT OF PAVEMENT DELINEATION
- TEMPORARY FENCING
- LL — LIMIT LINE
- TYPE VI ARROW
- TEMPORARY CRUSH CUSHION ABSORB 350

TRAFFIC HANDLING PLAN

(STAGE 1A)

SCALE: 1" = 50'

TH-1

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: PRASHANTH WESLEY | CHECKED BY: CHI WAI NG

REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => s135318 | DGN FILE => 1000000229md001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1455 | PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	166	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

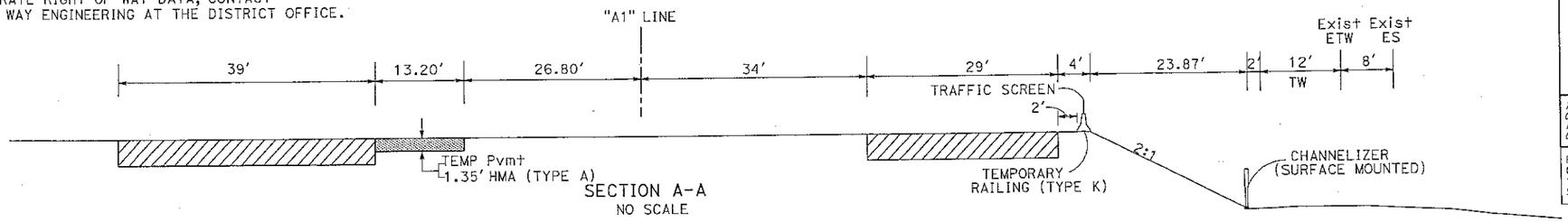
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

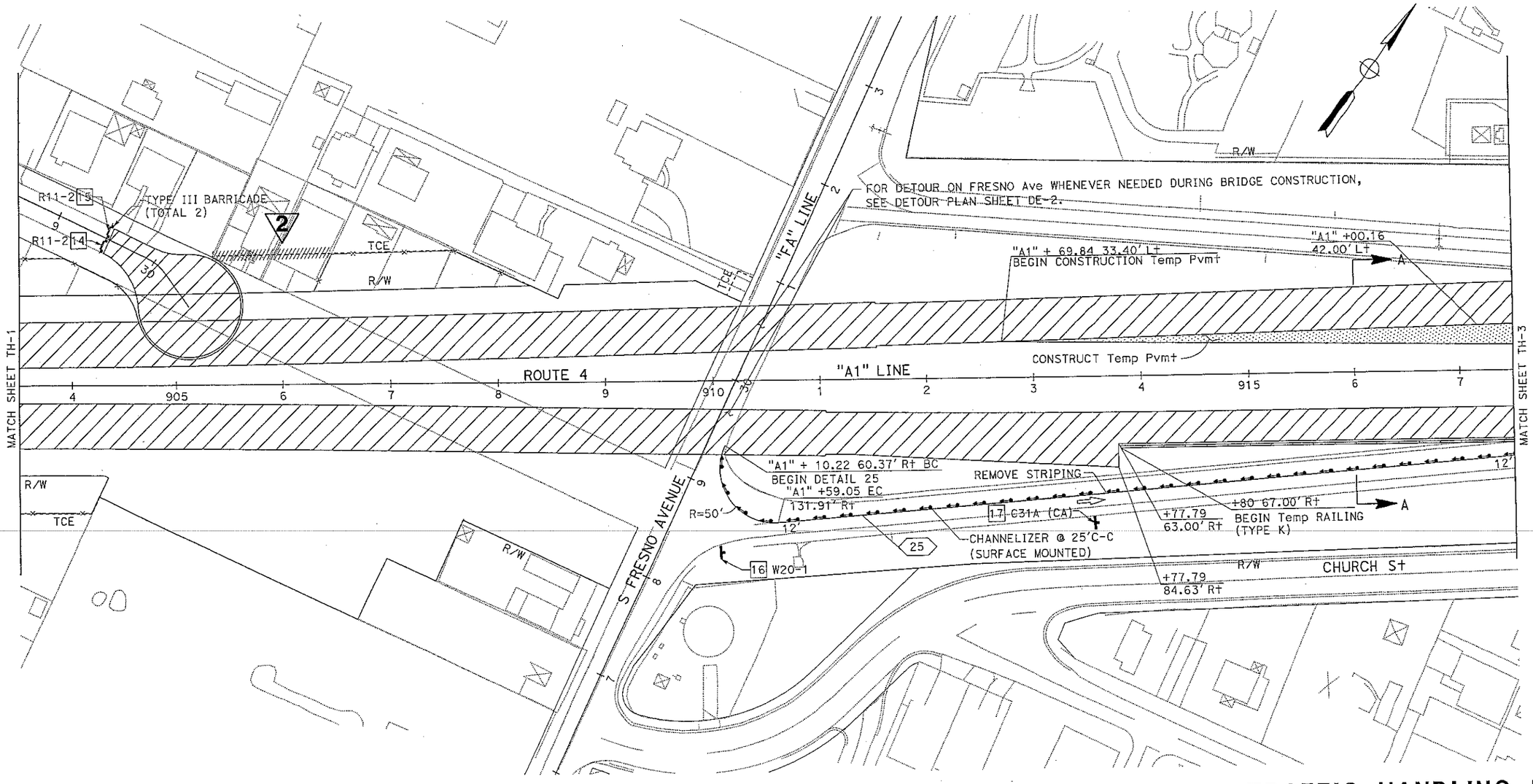
SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SECTION A-A
NO SCALE



TRAFFIC HANDLING PLAN

(STAGE 1A)

SCALE: 1" = 50'

TH-2

2 REPLACED PER ADDENDUM No. 2 DATED NOVEMBER 5, 2013

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: PRASHANTH WESLEY

CHECKED BY: CHI WAI NG

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 05-NOV-2013
TIME PLOTTED => 05:51

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	167	486

Ng Chi Wai 12/24/12
REGISTERED CIVIL ENGINEER DATE

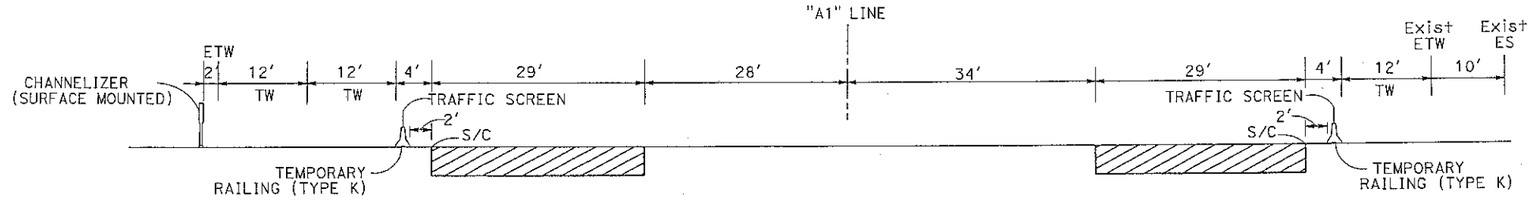
7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

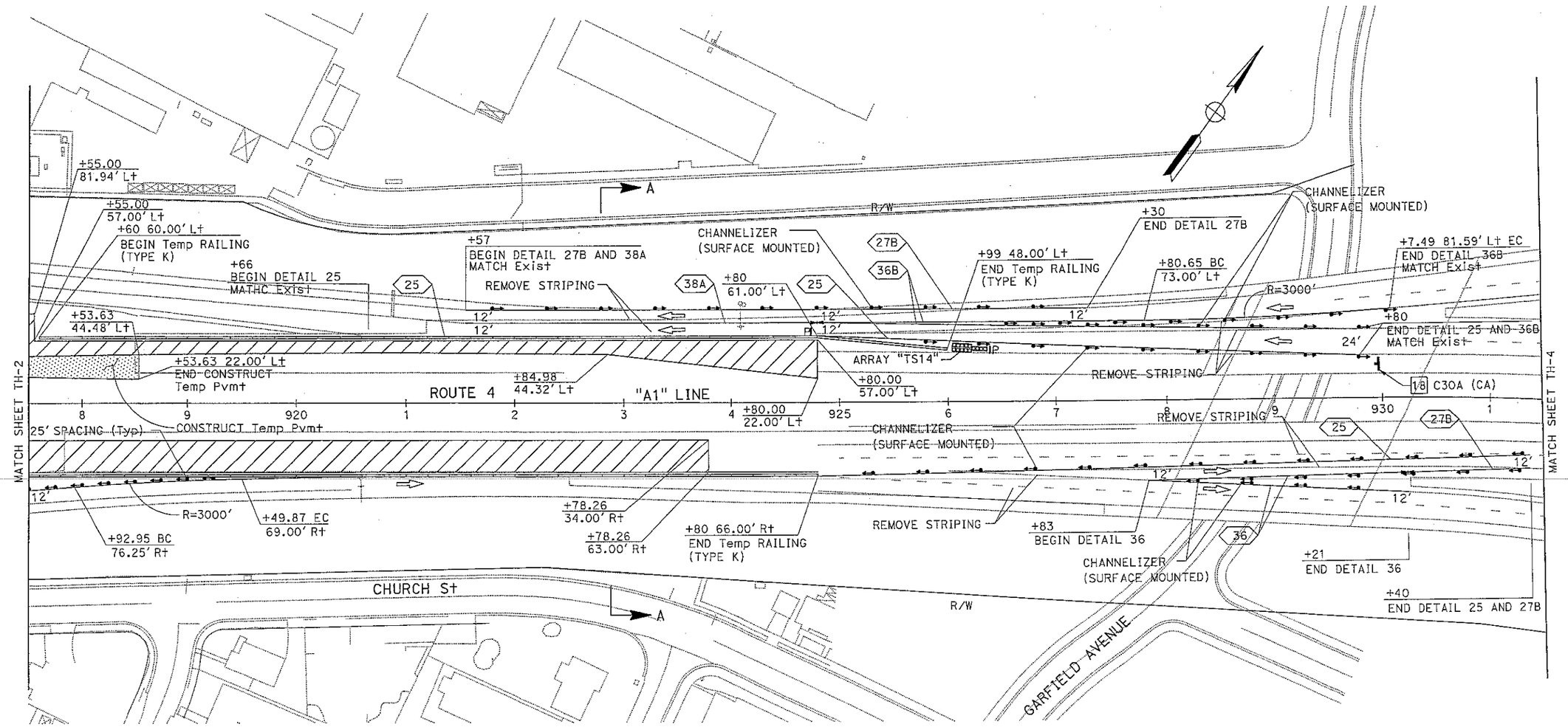
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804



SECTION A-A
NO SCALE



TRAFFIC HANDLING PLAN

(STAGE 1A)
SCALE: 1" = 50'

TH-3

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY | DATE REVISED
PRASHANTH WESLEY | CHI WAI NG
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KEITH MEYER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	168	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

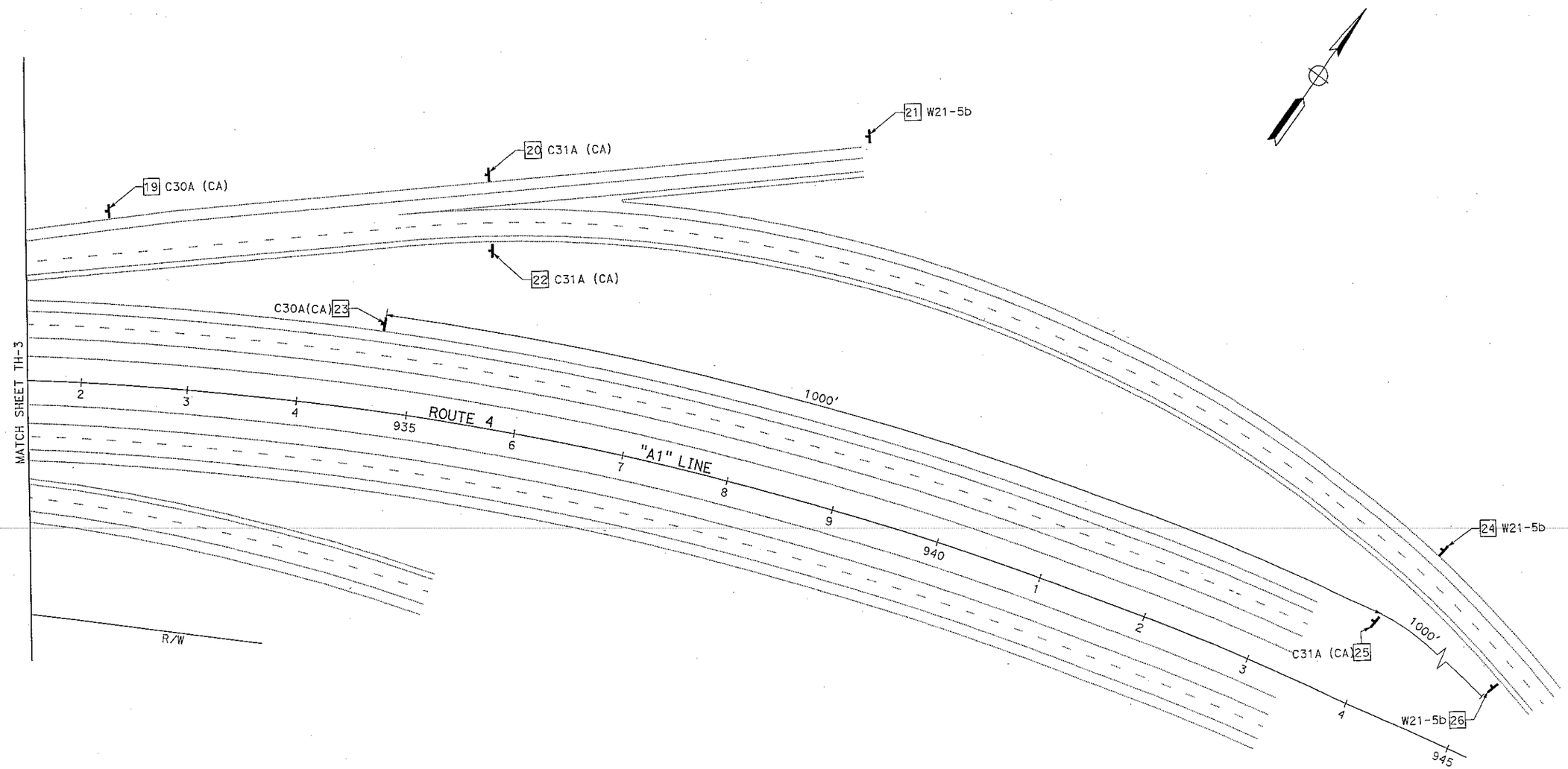
REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TRAFFIC HANDLING PLAN

(STAGE 1A)

SCALE: 1" = 50'

TH-4

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY	DATE REVISED

PRASHANTH WESLEY — CHI WAI NG

CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR — KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 — DATE PLOTTED => 23-JUL-2013 — TIME PLOTTED => 08:23

BORDER LAST REVISED 7/2/2010

USERNAME => s135318
DGN FILE => 1000000229md004.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	187	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

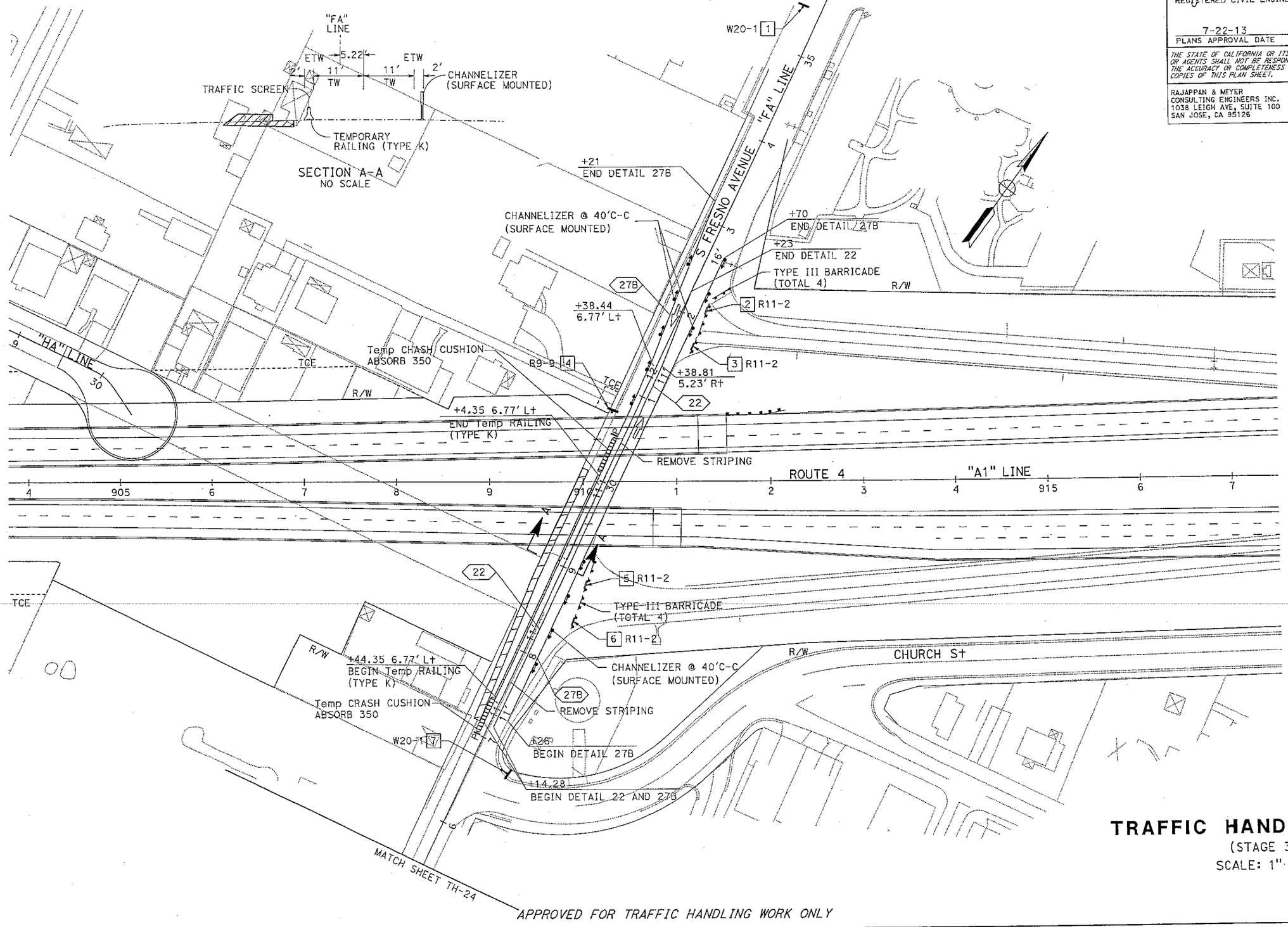
REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — CIVIL — STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



APPROVED FOR TRAFFIC HANDLING WORK ONLY

TRAFFIC HANDLING PLAN

(STAGE 3A)

SCALE: 1" = 50'

TH-23

REVISED BY | DATE REVISED
PRASHANTH WESLEY | CHI WAI NG
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:16

BORDER LAST REVISED 7/2/2010 | USERNAME => s114640 | DGN FILE => 1000000229md023.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1455 | PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	188	486

Na Chi Ng 12/24/12
REGISTERED CIVIL ENGINEER DATE

7-22-13
PLANS APPROVAL DATE

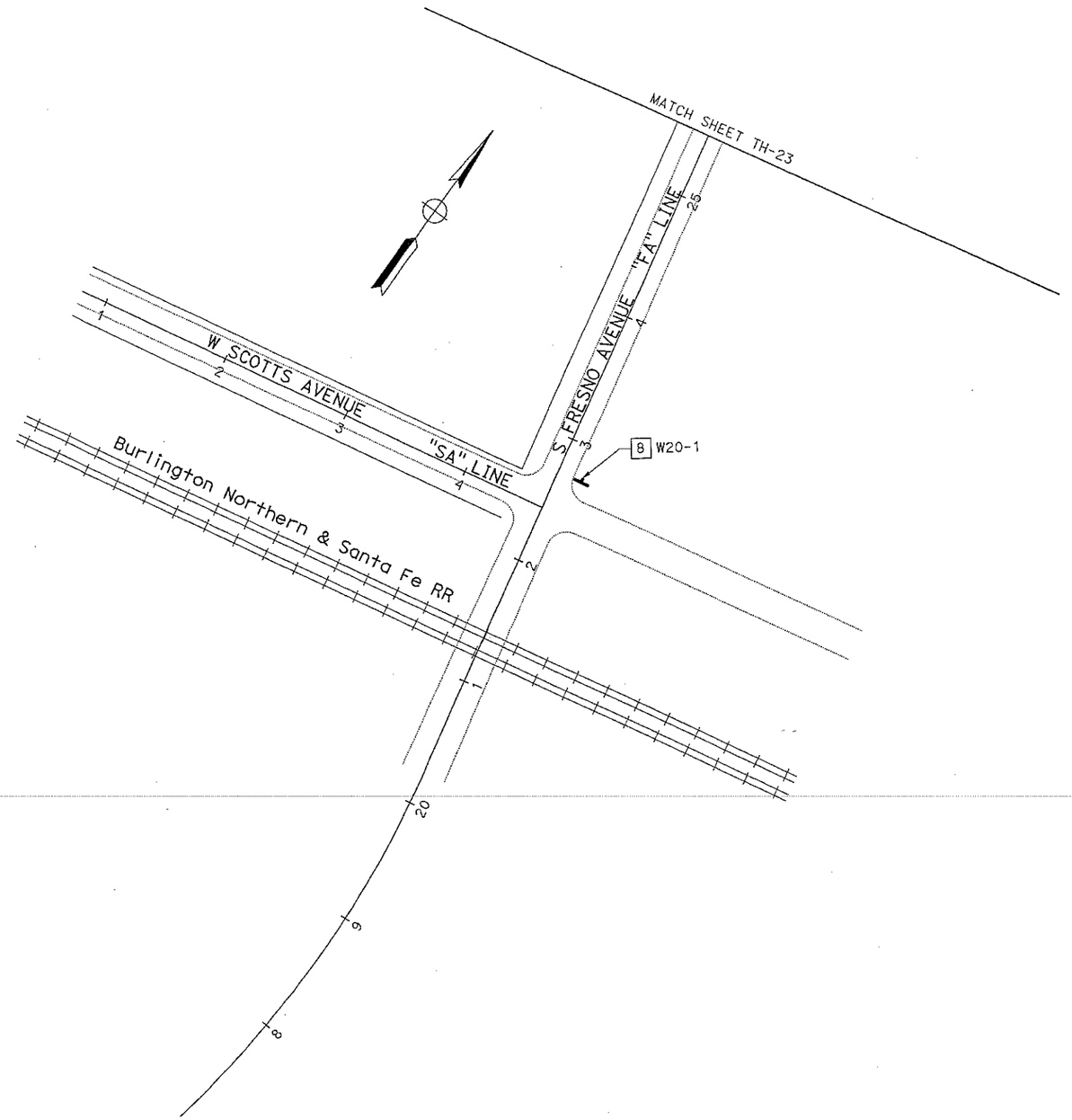
REGISTERED PROFESSIONAL ENGINEER
CHI WAI NG
No. 71315
Exp. 12/31/2013
CIVIL
STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TRAFFIC HANDLING PLAN

(STAGE 3A)

SCALE: 1" = 50'

TH-24

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY	DATE REVISED

PRASHANTH WESLEY	CHI WAI NG
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:16

BORDER LAST REVISED 7/2/2010

USERNAME => s114640
DGN FILE => 1000000229md024.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	189	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

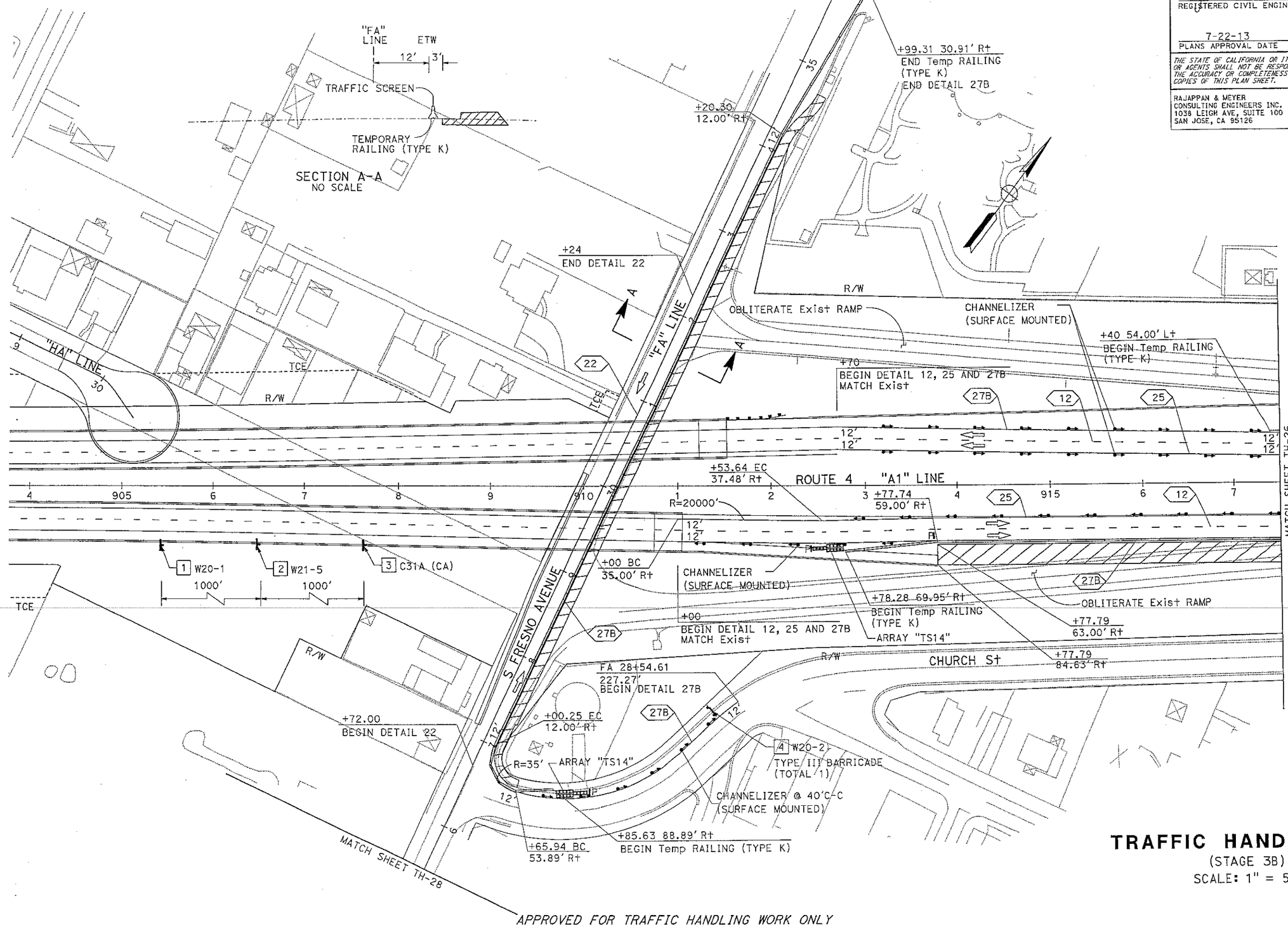
REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TRAFFIC HANDLING PLAN

(STAGE 3B)

SCALE: 1" = 50'

TH-25

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY | DATE REVISED

PRASHANTH WESLEY | CALCULATED-DESIGNED BY

CHI WAI NG | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	190	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 CIVIL STATE OF CALIFORNIA

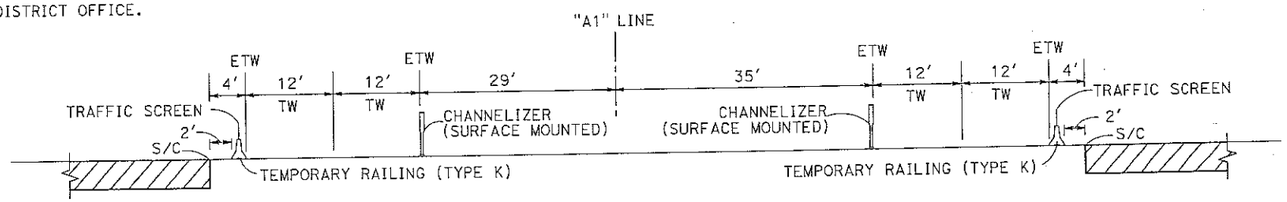
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

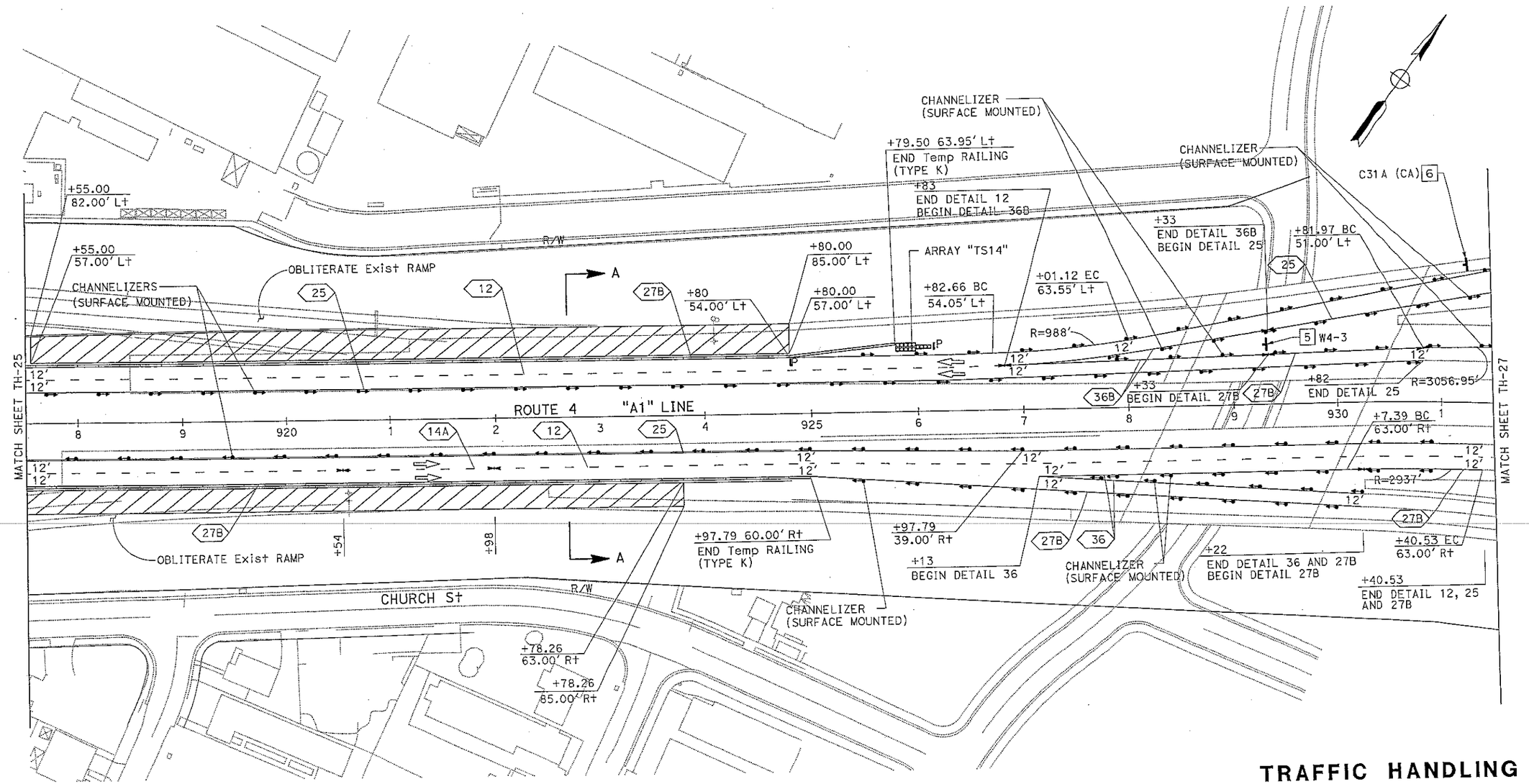
SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SECTION A-A
NO SCALE



TRAFFIC HANDLING PLAN

(STAGE 3B)

SCALE: 1" = 50'

TH-26

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
PRASHANTH WESLEY	CHI WAI NG

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DI: JTTED => 23-JUL-2013 | TIME: LOTTED => 08:17

BORDER LAST REVISED 7/2/2010

USERNAME => s114640
DGN FILE => 1000000229md026.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	191	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

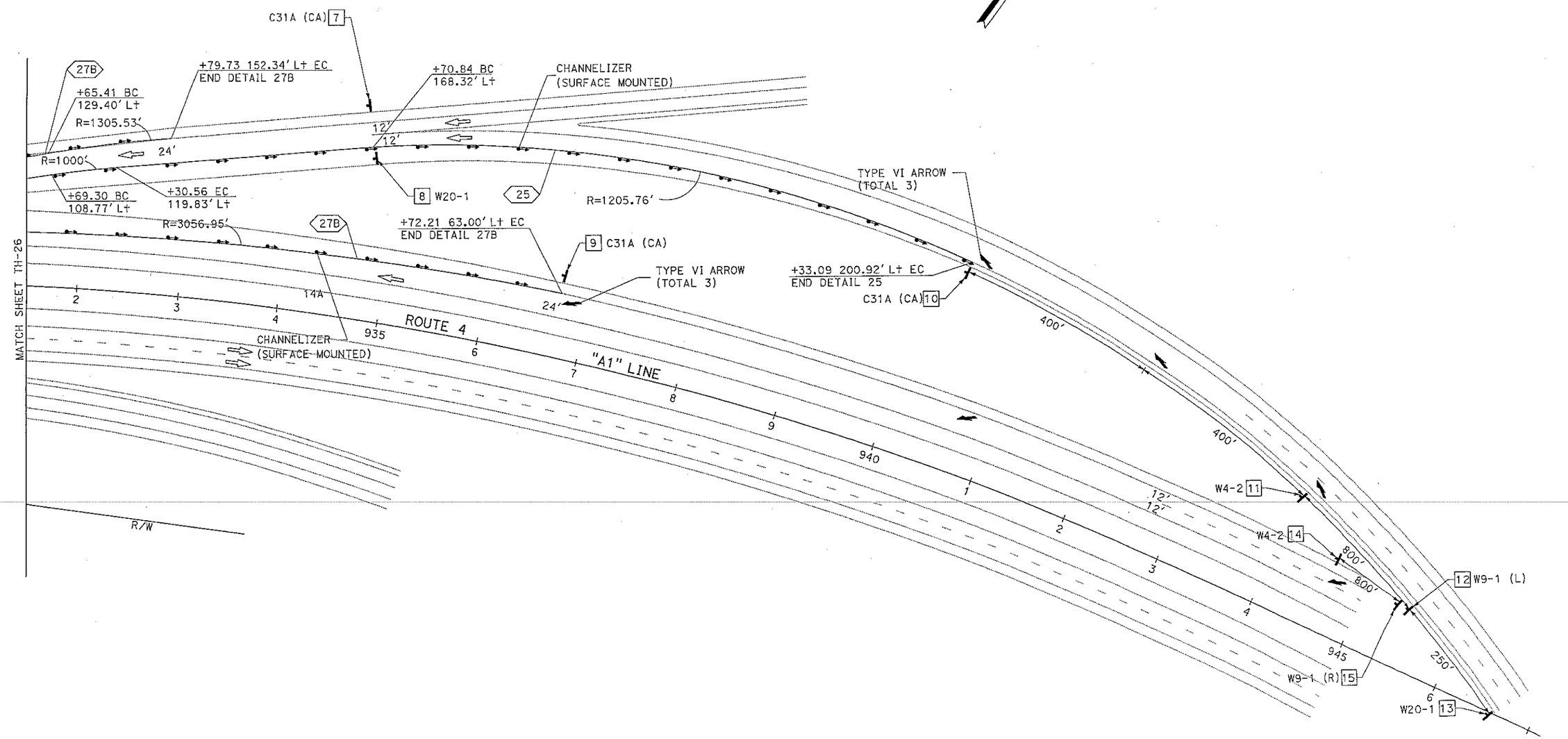
REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — CIVIL — STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TRAFFIC HANDLING PLAN

(STAGE 3B)

SCALE: 1" = 50'

TH-27

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA , DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: PRASHANTH WESLEY — CHECKED BY: CHI WAI NG

REVISED BY — DATE REVISED

LAST REVISION 00-00-00 — DATE PLOTTED => 23-JUL-2013 — TIME PLOTTED => 08:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	192	486

REGISTERED CIVIL ENGINEER — DATE 12/24/12

7-22-13
PLANS APPROVAL DATE

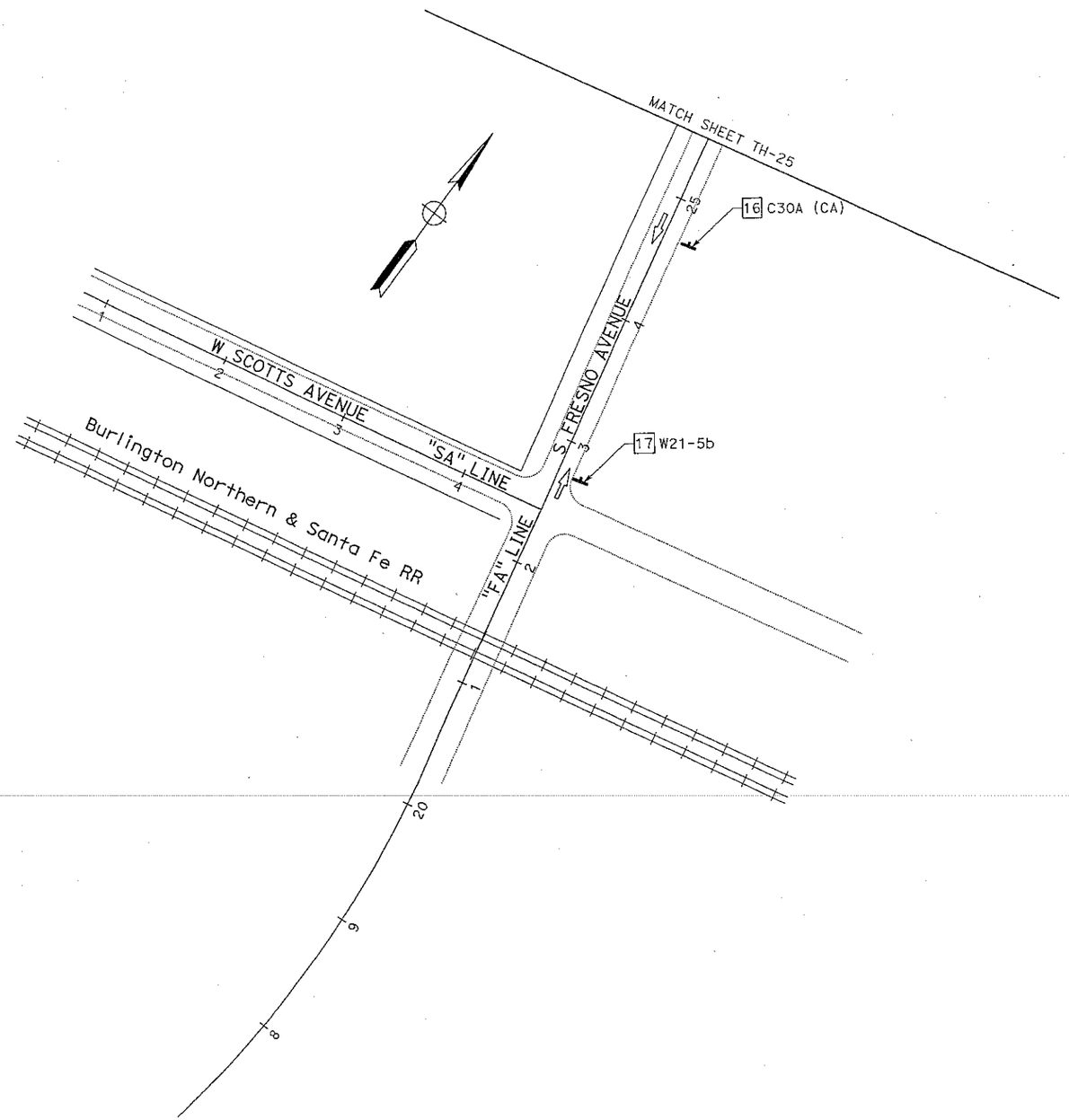
REGISTERED PROFESSIONAL ENGINEER — CHI WAI NG — No. 71315 — Exp. 12/31/2013 — CIVIL — STATE OF CALIFORNIA

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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TRAFFIC HANDLING PLAN

(STAGE 3B)

SCALE: 1" = 50'

TH-28

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: PRASHANTH WESLEY — REVISED BY

CHECKED BY: CHI WAI NG — DATE REVISED

LAST REVISION 00-00-00 — PLOTTED => 23-JUL-2013 TIME PLOTTED => 08:17

BORDER LAST REVISED 7/2/2010 — USERNAME => s114640 — DGN FILE => 1000000229md028.dgn — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 — UNIT 1455 — PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	193	486

Na Chi Wai 12/24/12
REGISTERED CIVIL ENGINEER DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET	STAGE	LOCATION	STATION	SIDE	PAINT TRAFFIC STRIPE (2-COAT)									PAVEMENT MARKER (RETROREFLECTIVE)						
					DETAIL 12	DETAIL 14A	DETAIL 22	DETAIL 25	DETAIL 25A	DETAIL 27B	DETAIL 36	DETAIL 38A	DETAIL 36B	TYPE C 14A	TYPE D 22	TYPE G 12	TYPE G 36	TYPE G 36B	TYPE H 25	TYPE H 25A
					LF									EA						
TH-2	1A	"A1"	903+50.00 TO 917+50.00	EB				798											17	
TH-3	1A	"A1"	917+50.00 TO 931+50.00	EB				1388		115	478						20		29	
TH-3	1A	"A1"	917+50.00 TO 931+50.00	WB				916		575		326	1028					43	19	
TH-9	2A	"NY"	22+50.00 TO 36+50.00	EB			1366			1296					114					
TH-9	2A	"NY"	22+50.00 TO 36+50.00	WB						1360										
TH-10	2A	"NY"	36+50.00 TO 50+50.00	EB			1400			1400					117					
TH-10	2A	"NY"	36+50.00 TO 50+50.00	WB						1400										
TH-11	2A	"NY"	50+50.00 TO 64+50.00	EB			1227			1227					102					
TH-11	2A	"NY"	50+50.00 TO 64+50.00	WB						1400										
TH-12	2A	"NY"	64+50.00 TO 77+00.00	EB			30			31					3					
TH-12	2A	"NY"	64+50.00 TO 77+00.00	WB						30										
TH-14	2B	"NY"	22+50.00 TO 36+50.00	EB					1366	1373										58
TH-14	2B	"NY"	22+50.00 TO 36+50.00	WB					1358	1117										58
TH-15	2B	"NY"	36+50.00 TO 55+50.00	EB					1400	1400										59
TH-15	2B	"NY"	36+50.00 TO 55+50.00	WB					1400	1400										59
TH-16	2B	"NY"	55+50.00 TO 64+50.00	EB					1400	1400										59
TH-16	2B	"NY"	55+50.00 TO 64+50.00	WB					1400	1400										59
TH-17	2B	"NY"	64+50.00 TO 77+00.00	EB					30	30										2
TH-17	2B	"NY"	64+50.00 TO 77+00.00	WB						30										
TH-19	2C	"NY"	22+50.00 TO 36+50.00	EB						1331					111					
TH-19	2C	"NY"	22+50.00 TO 36+50.00	WB			1326			1133										
TH-20	2C	"NY"	36+50.00 TO 50+50.00	EB			1400			1400					117					
TH-20	2C	"NY"	36+50.00 TO 50+50.00	WB						1400										
TH-21	2C	"NY"	50+50.00 TO 64+50.00	EB			1400			1400					117					
TH-21	2C	"NY"	50+50.00 TO 64+50.00	WB						1400										
TH-22	2C	"NY"	64+50.00 TO 77+50.00	EB			8			8										
TH-22	2C	"NY"	64+50.00 TO 77+50.00	WB						8										
TH-23	3A	"FA"	22+50.00 TO 36+50.00	NB			510			544					42					
TH-23	3A	"FA"	22+50.00 TO 36+50.00	SB						608										
TH-25	3B	"FA"	25+50.00 TO 36+50.00	NB			552			1272					46					
TH-25	3B	"A1"	911+00.00 TO 917+50.00	EB	651			651		651						14			14	
TH-25	3B	"A1"	912+70.00 TO 917+50.00	WB	481			481		481						10			10	
TH-26	3B	"A1"	917+50.00 TO 931+50.00	EB	1245	144		1390		1404	603			4		26	25		29	
TH-26	3B	"A1"	917+50.00 TO 931+50.00	WB	933			1552		1624			503			19		21	28	
TH-27	3B	"A1"	931+50.00 TO 943+50.00	WB				950		680									20	
SUBTOTAL					3310	144	9219	8126	8354	32,328	1081	326	1531	4	769	69	45	64	166	354
GRAND TOTAL					64,419									1471*						

* INCLUDED IN PDQ-2

TRAFFIC HANDLING QUANTITIES

THQ-1

REVISED BY | DATE REVISED
BRENDAN CHAPMAN | CHI WAI NG
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KEITH MEYER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 | TIME PLOTTED => 08:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	194	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

CONSTRUCTION AREA SIGNS (TRAFFIC HANDLING PLAN)

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE INCHES X INCHES	NUMBER OF POST & SIZE 4" x 4"	SIGN MESSAGE
TH-1	1	W20-3	36 x 36	1	ROAD CLOSED 300 Ft
	2	W20-3	36 X 36	1	ROAD CLOSED 150 Ft
	3	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	4	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	5	W20-3	36 x 36	1	ROAD CLOSED 200 Ft
	6	W20-3	36 x 36	1	ROAD CLOSED 100 Ft
	7	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	8	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	9	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	10	W20-3	36 x 36	1	ROAD CLOSED 150 Ft
	11	W20-3	36 x 36	1	ROAD CLOSED 300 Ft
	12	W20-3	36 x 36	1	ROAD CLOSED 200 Ft
	13	W20-3	36 X 36	1	ROAD CLOSED 100 Ft
TH-2	14	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	15	R11-2	48 x 48		ROAD CLOSED ON TYPE III BARRICADE
	16	W20-1	48 x 48	1	ROAD WORK AHEAD
	17	C31A (CA)	48 x 48	1	NO SHOULDER
TH-3	18	C30A (CA)	48 x 48	1	SHOULDER CLOSED
TH-4	19	C30A (CA)	48 x 48	1	SHOULDER CLOSED
	20	C31A (CA)	48 X 48	1	NO SHOULDER
	21	W21-5b	48 x 48	1	RIGHT SHOULDER CLOSED 1200 FT
	22	C31A (CA)	48 x 48	1	NO SHOULDER
	23	C30A (CA)	48 x 48	1	LEFT SHOULDER CLOSED 1500 FT
	24	W21-5b	48 x 48	1	ROAD WORK AHEAD
	25	C31A (CA)	48 x 48	1	NO SHOULDER
	26	W21-5b	48 x 48	1	LEFT SHOULDER CLOSED 2500 FT
TH-8	1	W21-5b	36 x 36	1	RIGHT SHOULDER CLOSED 900 FT
	2	C30A (CA)	30 x 30	1	SHOULDER CLOSED
	3	C12 (CA)	36 x 36	1	NARROW LANE
TH-9	4	C12 (CA)	36 x 36	1	NARROW LANE
TH-11	5	W3-1	30 x 30	1	STOP AHEAD
	6	R1-1	30 x 30	1	STOP
	7	R1-1	30 x 30	1	STOP
	8	W3-1	30 x 30	1	STOP AHEAD
	9	R1-1	30 x 30	1	STOP
	10	W3-1	30 x 30	1	STOP AHEAD
	11	W20-1	36 x 36	1	ROAD WORK AHEAD
TH-12	12	C30A (CA)	30 x 30	1	SHOULDER CLOSED
	13	W21-5	36 x 36	1	SHOULDER WORK
	14	W20-1	36 x 36	1	ROAD WORK AHEAD
TH-13	1	W20-1	36 x 36	1	ROAD WORK AHEAD
	2	W21-5	36 x 36	1	SHOULDER WORK
	3	C30A (CA)	30 x 30	1	SHOULDER CLOSED
TH-16	4	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	5	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
TH-17	6	C30A (CA)	30 x 30	1	SHOULDER CLOSED
	7	W21-5	36 X 36	1	SHOULDER WORK
	8	W20-1	36 X 36	1	ROAD WORK AHEAD

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE INCHES x INCHES	NUMBER OF POST & SIZE 4" x 4"	SIGN MESSAGE
TH-18	1	W20-1	36 x 36	1	ROAD WORK AHEAD
	2	C30A (CA)	30 X 30	1	SHOULDER CLOSED
	3	C12 (CA)	36 x 36	1	NARROW LANE(S)
TH-19	4	C12 (CA)	36 x 36	1	NARROW LANE(S)
TH-21	5	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	6	W20-3	36 x 36	1	ROAD CLOSED 150 Ft
TH-22	7	C30A (CA)	30 x 30	1	SHOULDER CLOSED
	8	W21-5	36 x 36	1	SHOULDER WORK
	9	W20-1	36 x 36	1	ROAD WORK AHEAD
TH-23	1	W20-1	36 x 36	1	ROAD WORK AHEAD
	2	R11-2	48 X 30		ROAD CLOSED ON TYPE III BARRICADE
	3	R11-2	48 X 30		ROAD CLOSED ON TYPE III BARRICADE
	4	R9-9	24 X 12	1	SIDEWALK CLOSED
	5	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	6	R11-2	48 x 30		ROAD CLOSED ON TYPE III BARRICADE
	7	W20-1	36 x 36	1	ROAD WORK AHEAD
TH-24	8	W20-1	36 x 36	1	ROAD WORK AHEAD
TH-25	1	W20-1	48 x 48	1	ROAD WORK AHEAD
	2	W21-5	48 X 48	1	SHOULDER WORK
	3	C31A (CA)	48 x 48	1	NO SHOULDER
	4	W20-2	36 X 36		DETOUR AHEAD
TH-26	5	W4-3	48 x 48	1	ADDED LANE
	6	C31A (CA)	48 x 48	1	NO SHOULDER
TH-27	7	C31A (CA)	48 x 48	1	NO SHOULDER
	8	W20-1	48 x 48	1	ROAD WORK AHEAD
	9	C31A (CA)	48 x 48	1	NO SHOULDER
	10	C31A (CA)	48 x 48	1	NO SHOULDER
	11	W4-2	48 x 48	1	LANE ENDS
	12	W9-1	48 x 48	1	LEFT LANE ENDS
	13	W20-1	48 x 48	1	ROAD WORK AHEAD
	14	W4-2	48 x 48	1	LANE ENDS
	15	W9-1	48 x 48	1	RIGHT LANE ENDS
TH-28	16	C30A (CA)	30 x 30	1	SHOULDER CLOSED
	17	W21-5b	36 x 36	1	RIGHT SHOULDER CLOSED 400 FT
TOTAL				67	

TRAFFIC HANDLING QUANTITIES

THQ-2

LAST REVISION 00-00-00 D. TIME PLOTTED => 23-JUL-2013 TIME PLOTTED => 08:17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER

CALCULATED-DESIGNED BY: BRENDAN CHAPMAN
CHECKED BY: CHI WAI NG

REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => s114640
DGN FILE => 1000000229mf002.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	195	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

TEMPORARY CRASH CUSHION MODULES

SHEET No.	STAGE	TEMPORARY CRASH CUSHION MODULE	ARRAY TYPE (N)	TEMPORARY CRASH CUSHION ABSORB 350	OBJECT MARKER (TYPE P) (N)
		EA		EA	
TH-3	1A	14	TS14		
TH-9	2A	14	TS14	6	8
TH-10	2A			1	1
TH-11	2A	14	TS14	7	9
TH-14	2B	14	TB14		3
TH-16	2B	14	TB14		3
TH-19	2C	14	TS14	3	5
TH-20	2C			3	3
TH-21	2C	14	TS14		2
TH-23	3A			2	2
TH-25	3B	28	TS14		3
TH-26	3B	14	TS14		2
TOTAL		140		22	

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

TRAFFIC CONTROL DEVICES

SHEET No.	STAGE	CHANNELIZER (SURFACE MOUNTED)
		EA
TH-2	1A	35
TH-3	1A	80
TH-11	2A	23
TH-12	2A	2
TH-14	2B	18
TH-16	2B	28
TH-19	2C	8
TH-21	2C	14
TH-23	3A	18
TH-25	3B	39
TH-26	3B	106
TH-27	3B	31
TOTAL		402

REMOVE PAVEMENT DELINEATION

SHEET No.	REMOVE					
	THERMOPLASTIC TRAFFIC STRIPE	YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	THERMOPLASTIC PAVEMENT MARKING	PAINTED TRAFFIC STRIPE	PAINTED PAVEMENT MARKING	PAVEMENT MARKER
	LF		SQFT	LF	SQFT	EA
TH-2	716					16
TH-3	4176	603				102
TH-9	194	2700	15			114
TH-10	2800	2800				118
TH-11	2636	2800	124			118
TH-12	95	96				4
TH-14				4050		114
TH-15				4200		118
TH-16				4036	269	118
TH-17				96		4
TH-19				2700		58
TH-20				2800		59
TH-21				3332		82
TH-22				96		4
TH-23		375	20			44
TH-25				1117		43
TH-26	518	245		2776		110
TH-27	2915	946				90
TOTAL	14,050	10,565	159	25,203	269	1316

TRAFFIC HANDLING QUANTITIES

THQ-3

REVISED BY | DATE REVISED
BRENDAN CHAPMAN | CHI WAI NG
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KEITH MEYER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 23-JUL-2013 TIME PLOTTED => 08:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	196	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

TEMPORARY RAILING

STAGE	STATION	TEMPORARY RAILING (TYPE K)	TEMPORARY TRAFFIC SCREEN
		LF	
1A	"A1" 913+80.00 EB TO "A1" 924+80.00 EB	1100	1100
1A	"A1" 917+60.00 WB TO "A1" 925+99.50 WB	840	840
2A	"NY" 0024+20.64 WB TO "NY" 0025+60.26 WB	140	140
2A	"NY" 0027+11.35 WB TO "NY" 0029+31.62 WB	220	220
2A	"NY" 0031+40.10 WB TO "NY" 0034+60.10 WB	320	320
2A	"NY" 0036+60.53 WB TO "NY" 0047+40.53 WB	1080	1080
2A	"NY" 0051+49.45 WB TO "NY" 0054+89.35 WB	340	340
2A	"NY" 0056+43.48 WB TO "NY" 0056+83.46 WB	40	40
2A	"NY" 0058+59.56 WB TO "NY" 0059+79.56 WB	120	120
2A	"NY" 0061+60.67 WB TO "NY" 0063+80.03 WB	220	220
2B	"NY" 0025+51.05 WB TO "NY" 0060+32.07 WB	3480	3480
2B	"NY" 0025+50.29 EB TO "NY" 0060+27.78 EB	3480	3480
2B	"NY" 0041+61.36 EB TO "NY" 0043+61.34 EB	200	200
2C	"NY" 0025+12.83 EB TO "NY" 0029+30.12 EB	420	420
2C	"NY" 0031+46.17 EB TO "NY" 0034+86.17 EB	340	340
2C	"NY" 0037+03.08 EB TO "NY" 0045+83.08 EB	880	880
2C	"NY" 0047+90.12 EB TO "NY" 0060+89.20 EB	1300	1300
3A	"FA" 0027+44.35 SB TO "FA" 0030+04.35 SB	260	260
3B	"FA" 0026+85.63 NB TO "FA" 0035+99.31 NB	1000	1000
3B	"A1" 912+78.28 EB TO "A1" 924+97.79 EB	1220	1220
3B	"A1" 917+40.00 WB TO "A1" 925+79.50 WB	840	840
TOTAL		17,840	17,840

PAINT PAVEMENT MARKING (2-COAT)

SHEET	STAGE	12" LIMIT LINE	STOP	AHEAD	RAILROAD CROSSING	TYPE VI ARROW
		SQFT				
TH-11	2A	44	132	93	70	
TH-16	2B				70	
TH-21	2C				70	
TH-27	3B					252
SUBTOTAL		44	132	93	210	252
TOTAL		731				

TYPE III BARRICADE

SHEET No.	STAGE	EA
TH -1	1A	9
TH -2	1A	2
TH -16	2B	7
TH -21	2C	3
TH -23	3A	8
TH -25	3B	1
TOTAL		30

TEMPORARY PAVEMENT

STAGE	LOCATION	ROADWAY EXCAVATION	HMA (TYPE A)	TACK COAT
		CY	TON	
1A	"A1" 912+69.94 TO 918+53.63	339	678	0.18
2A	"NY" 052+48.47 TO 054+90.40	34	68	0.02
2A	"NY" 055+96.64 TO 064+80.36	347	694	0.19
	TOTAL	720*	1440*	0.39*

* INCLUDED IN PAVEMENT STRUCTURE QUANTITIES

TRAFFIC HANDLING QUANTITIES

THQ-4

REVISED BY	DATE REVISED
BRENDAN CHAPMAN	CHI WAI NG

CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	KEITH MEYER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | D. TIME... | JTTED => 23-JUL-2013 LOTTED => 08:17

BORDER LAST REVISED 7/2/2010

USERNAME => s114640
DGN FILE => 1000000229mf004.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1455

PROJECT NUMBER & PHASE 10000002291

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	197	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

LEGEND:

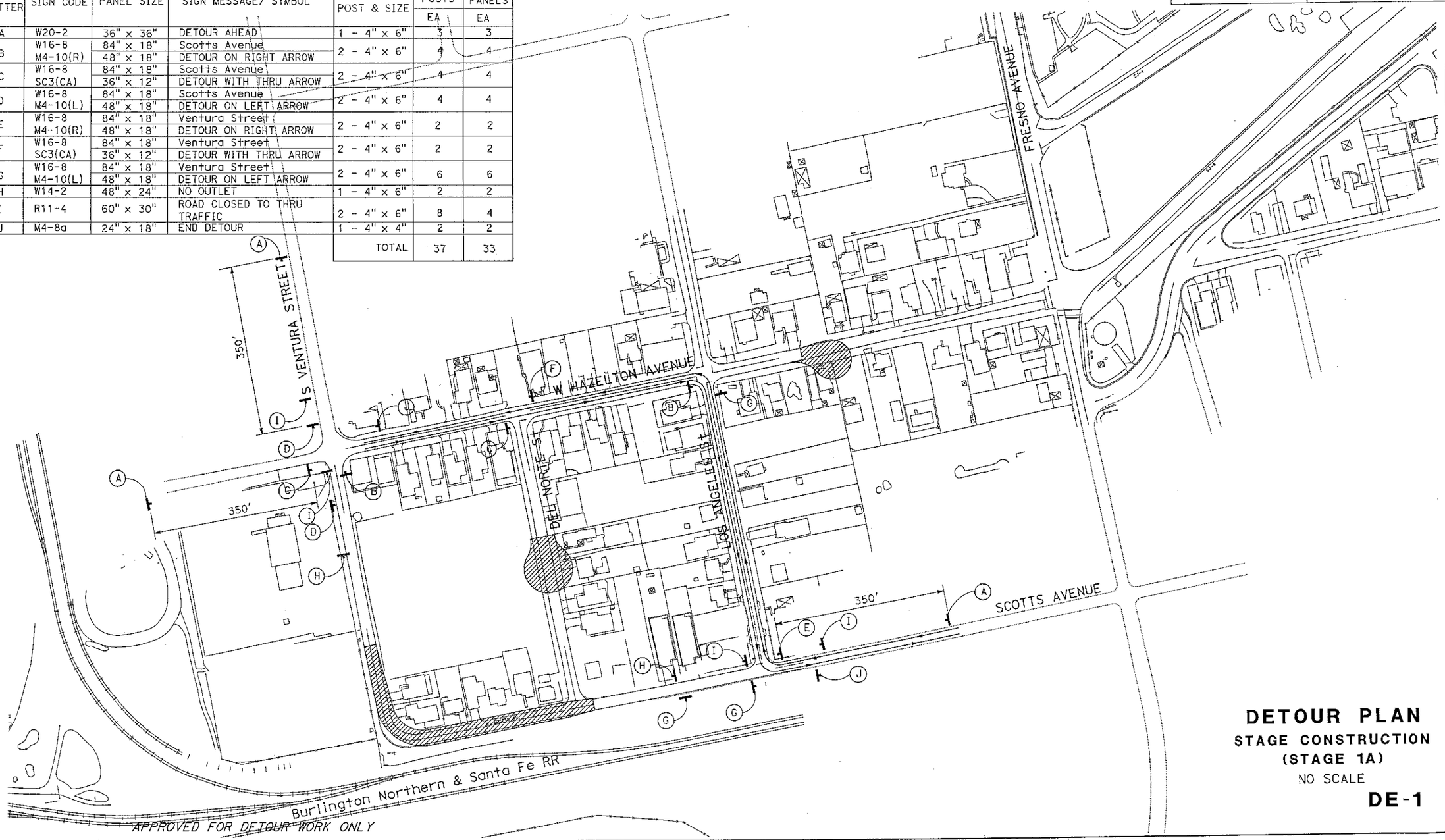
- CLOSED FACILITY
- DIRECTION OF DETOURED TRAFFIC
- TEMPORARY ROAD SIDE SIGN (ONE POST)
- (X) SIGN LETTER

NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. OVERLAYS FOR ADVANCED INFORMATION SIGNS TO BE INSTALLED TEN (10) DAYS PRIOR TO ROAD CLOSURE AND UNDER THE DIRECTION OF THE ENGINEER.
3. CONTRACTOR SHALL FOLLOW CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR TRAFFIC CONTROL.
4. FOR ADDITIONAL CONSTRUCTION AREA SIGNS SEE TRAFFIC HANDLING AND CONSTRUCTION AREA SIGN PLANS.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	SIGN MESSAGE/ SYMBOL	No. OF POST & SIZE	No. OF POSTS EA	No. OF SIGN PANELS EA
A	W20-2	36" x 36"	DETOUR AHEAD	1 - 4" x 6"	3	3
B	W16-8	84" x 18"	Scotts Avenue	2 - 4" x 6"	4	4
	M4-10(R)	48" x 18"	DETOUR ON RIGHT ARROW			
C	W16-8	84" x 18"	Scotts Avenue	2 - 4" x 6"	4	4
	SC3(CA)	36" x 12"	DETOUR WITH THRU ARROW			
D	W16-8	84" x 18"	Scotts Avenue	2 - 4" x 6"	4	4
	M4-10(L)	48" x 18"	DETOUR ON LEFT ARROW			
E	W16-8	84" x 18"	Ventura Street	2 - 4" x 6"	2	2
	M4-10(R)	48" x 18"	DETOUR ON RIGHT ARROW			
F	W16-8	84" x 18"	Ventura Street	2 - 4" x 6"	2	2
	SC3(CA)	36" x 12"	DETOUR WITH THRU ARROW			
G	W16-8	84" x 18"	Ventura Street	2 - 4" x 6"	6	6
	M4-10(L)	48" x 18"	DETOUR ON LEFT ARROW			
H	W14-2	48" x 24"	NO OUTLET	1 - 4" x 6"	2	2
I	R11-4	60" x 30"	ROAD CLOSED TO THRU TRAFFIC	2 - 4" x 6"	8	4
J	M4-8a	24" x 18"	END DETOUR	1 - 4" x 4"	2	2
				TOTAL	37	33



DETOUR PLAN
STAGE CONSTRUCTION
(STAGE 1A)
NO SCALE

DE-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER
CALCULATED-DESIGNED BY: SUCHITA POTTA
CHECKED BY: CHI WAI NG
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 23-JUL-2013
TIME PLOTTED => 08:17

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4,5	Var	198	486

REGISTERED CIVIL ENGINEER 12/24/12 DATE

7-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHI WAI NG No. 71315 Exp. 12/31/2013 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.

RAJAPPAN & MEYER
CONSULTING ENGINEERS INC.
1038 LEIGH AVE, SUITE 100
SAN JOSE, CA 95126

SJCOG
555 E. WEBER AVE.
STOCKTON, CA 95202-2804

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	SIGN MESSAGE/ SYMBOL	No. OF POST & SIZE	No. OF POSTS EA	No. OF SIGN PANELS EA
A	W20-2	36" x 36"	DETOUR AHEAD	1 - 4" x 6"	10	10
B	W16-8	84" x 18"	Fresno Avenue	2 - 4" x 6"	18	18
	M4-10(R)	48" x 18"	DETOUR ON RIGHT ARROW			
C	W16-8	84" x 18"	Fresno Avenue	2 - 4" x 6"	42	42
	SC3(CA)	36" x 12"	DETOUR WITH THRU ARROW			
D	W16-8	84" x 18"	Fresno Avenue	2 - 4" x 6"	28	28
	M4-10(L)	48" x 18"	DETOUR ON LEFT ARROW			
E	W14-2	48" x 24"	NO OUTLET	1 - 4" x 6"	2	2
F	R11-4	60" x 30"	ROAD CLOSED TO THRU TRAFFIC	2 - 4" x 6"	6	3
G	G28-2(CA)	21" x 18"	STATE ROUTE 4	1 - 4" x 6"	2	4
	M6-3	36" x 12"	THRU ARROW			
H	G28-2(CA)	21" x 18"	STATE ROUTE 4	1 - 4" x 6"	4	8
	M6-1	36" x 12"	RIGHT ARROW			
I	G28-2(CA)	21" x 18"	STATE ROUTE 4	1 - 4" x 6"	2	4
	M6-1	36" x 12"	LEFT ARROW			
J	R3-2	36" x 36"	NO LEFT TURN	1 - 4" x 6"	1	1
K	M4-8a	24" x 18"	END DETOUR	1 - 4" x 4"	6	6
				TOTAL	121	126

APPROVED FOR DETOUR WORK ONLY

DETOUR PLAN
STAGE CONSTRUCTION
(STAGE 1A)
NO SCALE

DE-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KEITH MEYER
CALCULATED-DESIGNED BY: SUCHITA POTTA
CHECKED BY: CHI WAI NG
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DI JTTED => 23-JUL-2013
TIME JTTED => 08:17

BORDER LAST REVISED 7/2/2010
USERNAME => s114640
DGN FILE => 1000000229mg002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1455
PROJECT NUMBER & PHASE 10000002291