

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Month DD, 2017

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.

REGISTERED PROFESSIONAL ENGINEER

Atifa Ferouz

No. C80402

Exp. 3-31-19

CIVIL

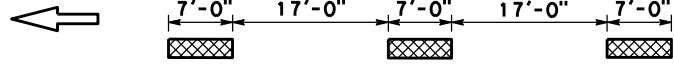
STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED _____

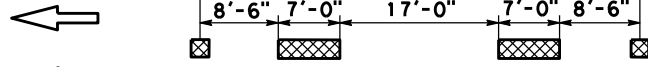
CENTERLINES

(2 LANE HIGHWAYS)

DETAIL 1



DETAIL 2



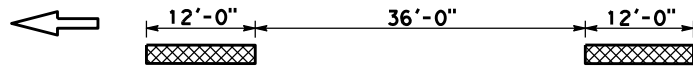
~~DETAIL 3~~

DETAIL 3 DELETED

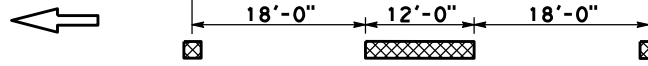
~~DETAIL 4~~

DETAIL 4 DELETED

DETAIL 5



DETAIL 6



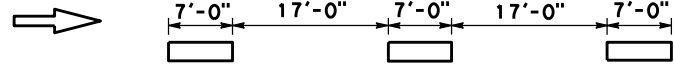
~~DETAIL 7~~

DETAIL 7 DELETED

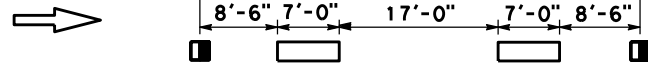
LANELINES

(MULTILANE HIGHWAYS)

DETAIL 8



DETAIL 9



~~DETAIL 10~~

DETAIL 10 DELETED

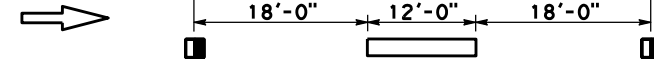
DETAIL 11



LANELINES (Cont)

(MULTILANE HIGHWAYS)

DETAIL 12



~~DETAIL 13~~

DETAIL 13 DELETED

~~DETAIL 14~~

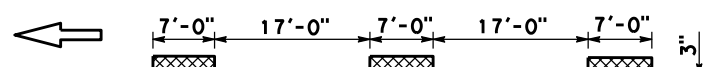
DETAIL 14 DELETED

DETAIL 14A

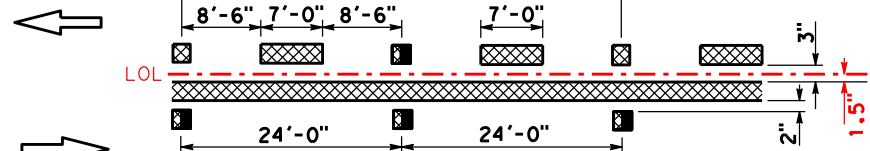


NO PASSING ZONES-ONE DIRECTION

DETAIL 15



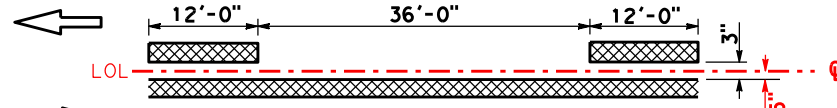
DETAIL 16



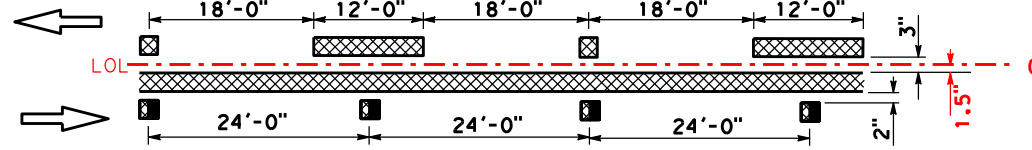
~~DETAIL 17~~

DETAIL 17 DELETED

DETAIL 18



DETAIL 19

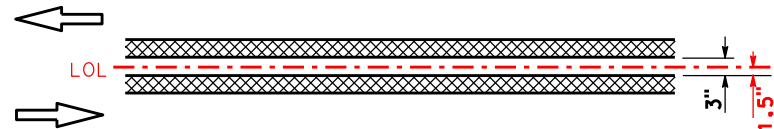


~~DETAIL 20~~

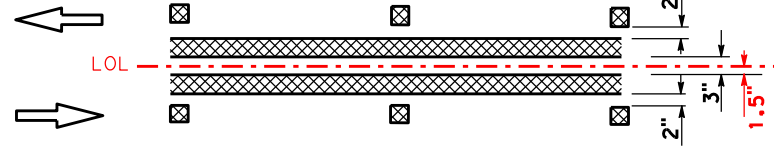
DETAIL 20 DELETED

NO PASSING ZONES-TWO DIRECTION

DETAIL 21



DETAIL 22



~~DETAIL 23~~

DETAIL 23 DELETED

LEGEND

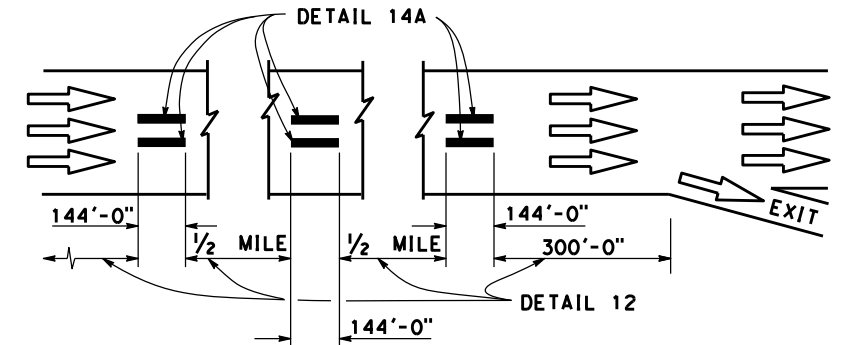
MARKERS

- TYPE C RED-CLEAR RETROREFLECTIVE
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE

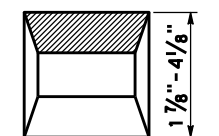
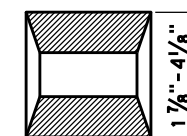
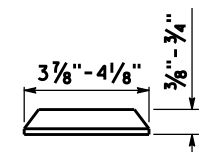
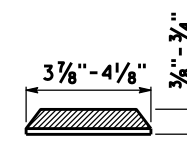
LINE

- 6" WHITE
- 6" YELLOW

TYPICAL LANE LINE DELINEATION IN ADVANCE OF EXIT RAMP



MARKER DETAILS



TYPE C AND TYPE D

TYPE G AND TYPE H

RETROREFLECTIVE FACE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20A DATED JULY 21, 2017 SUPERSEDES STANDARD PLAN A20A
DATED OCTOBER 30, 2015 - PAGE 12 OF THE STANDARD PLANS BOOK DATED 2015.

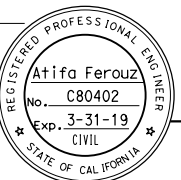
REVISED STANDARD PLAN RSP A20A

2015 REVISED STANDARD PLAN RSP A20B

REVISED STANDARD PLAN RSP A20B

4-4-17

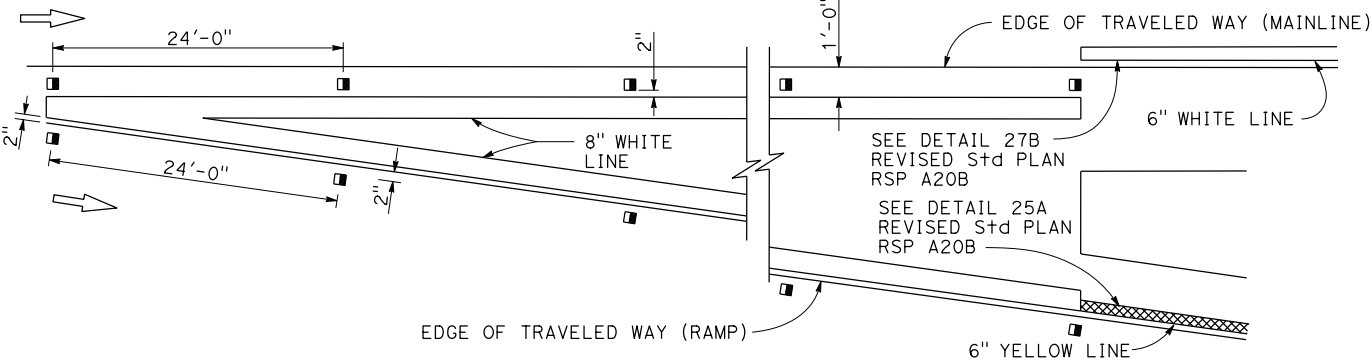
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER					
Month DD, 2017					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



TO ACCOMPANY PLANS DATED _____

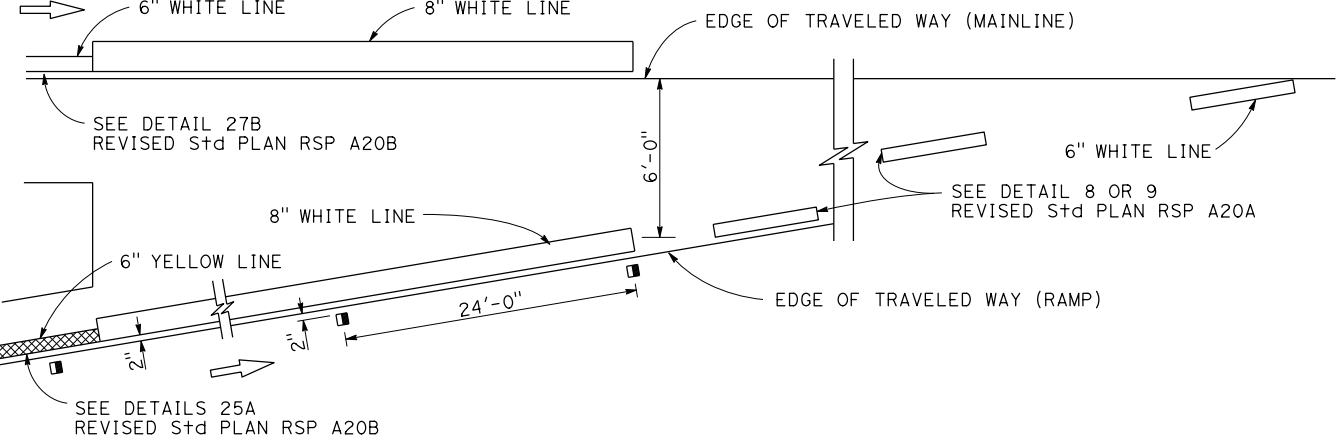
EXIT RAMP NEUTRAL AREA (GORE) TREATMENT

DETAIL 36



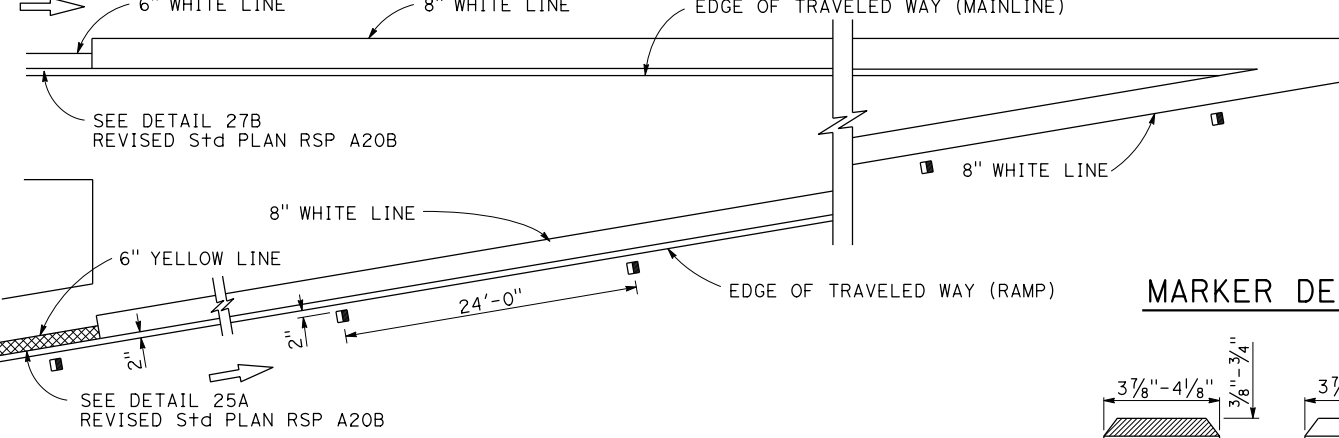
ENTRANCE RAMP NEUTRAL AREA (MERGE) TREATMENT

DETAIL 36A



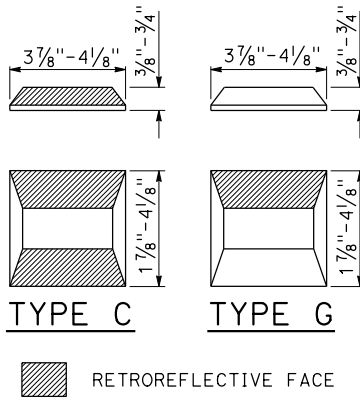
ENTRANCE RAMP NEUTRAL AREA (ACCELERATION LANE) TREATMENT

DETAIL 36B



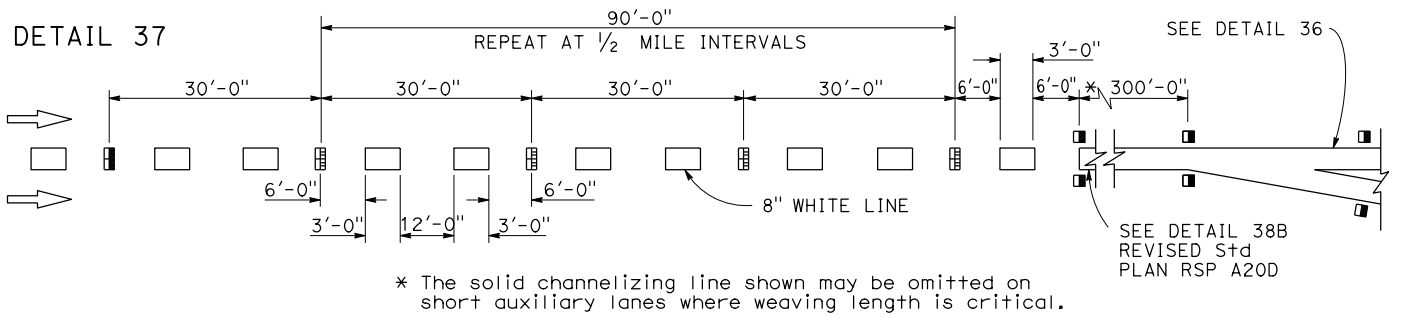
- LEGEND:
- MARKERS
- TYPE C RED-CLEAR RETROREFLECTIVE
 - TYPE G ONE-WAY CLEAR RETROREFLECTIVE

MARKER DETAILS



LANE DROP AT EXIT RAMP

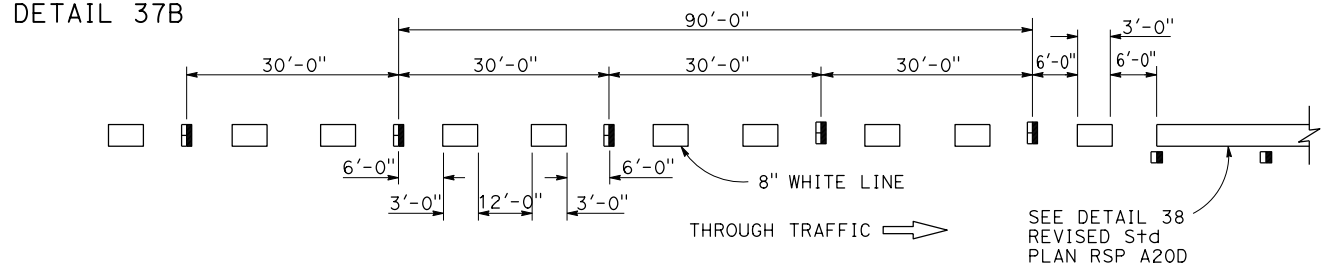
DETAIL 37



DETAIL 37A DELETED

LANE DROP AT INTERSECTIONS

DETAIL 37B



DETAIL 37C DELETED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKERS
AND TRAFFIC LINES
TYPICAL DETAILS**

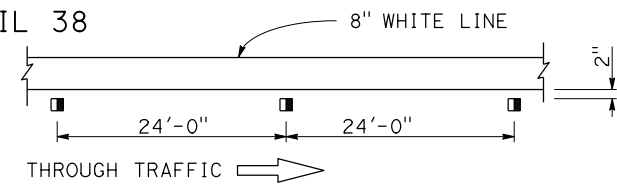
NO SCALE

RSP A20C DATED JULY 21, 2017 SUPERSEDES STANDARD PLAN A20C
DATED OCTOBER 30, 2015 - PAGE 14 OF THE STANDARD PLANS BOOK DATED 2015.

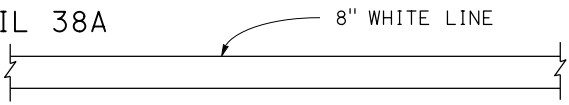
REVISED STANDARD PLAN RSP A20C

CHANNELIZING LINE

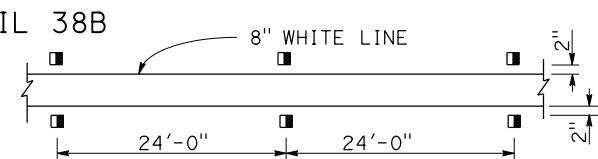
DETAIL 38



DETAIL 38A



DETAIL 38B

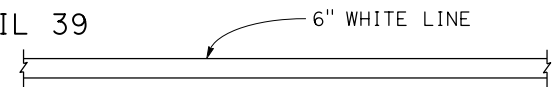


~~DETAIL 38C~~

DETAIL 38C DELETED

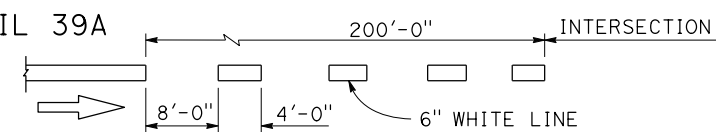
BIKE LANE LINE

DETAIL 39



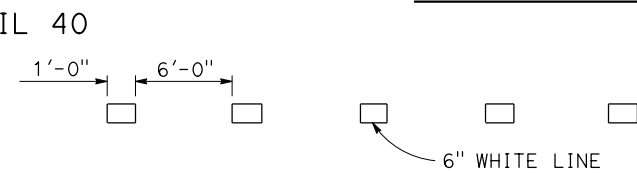
INTERSECTION LINE BIKE LANE

DETAIL 39A



LANE LINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 40

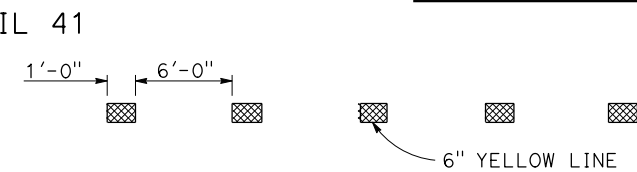


~~DETAIL 40A~~

DETAIL 40A DELETED

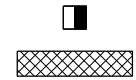
CENTER LINE EXTENSIONS THROUGH INTERSECTIONS

DETAIL 41



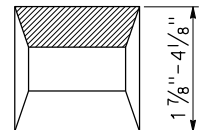
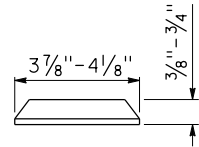
LEGEND

MARKERS



TYPE G ONE-WAY CLEAR RETROREFLECTIVE
6" YELLOW LINE

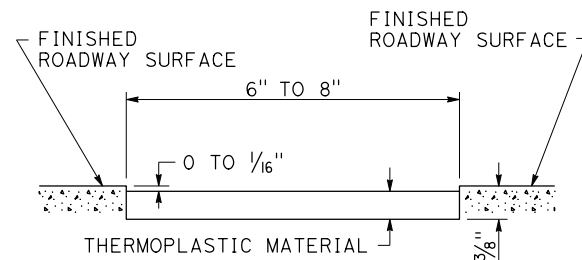
MARKER DETAILS



TYPE G



RETROREFLECTIVE FACE

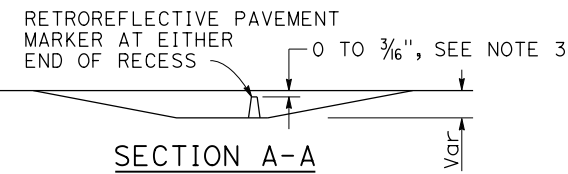


DETAIL FOR RECESSED THERMOPLASTIC TRAFFIC STRIPE

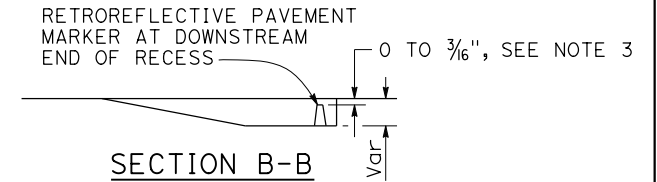
See Notes A and B.

RECESSED THERMOPLASTIC NOTES

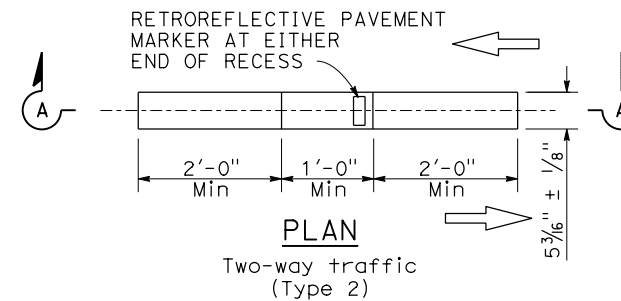
- See typical traffic line details for pavement marking patterns.
- The top of the thermoplastic installed in recessed pavement shall be 0 to 1/16" below the pavement surface.



SECTION A-A

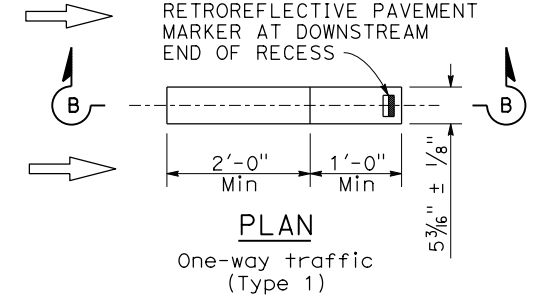


SECTION B-B



PLAN

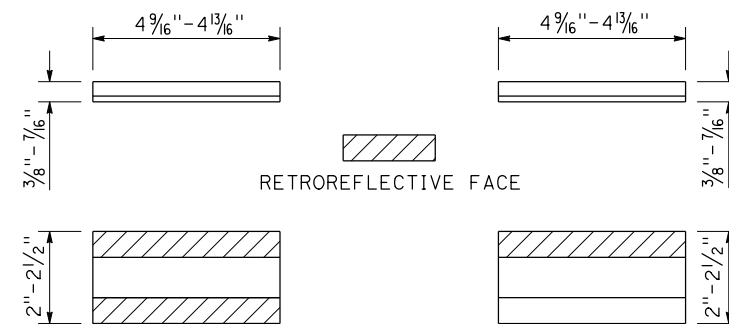
Two-way traffic
(Type 2)



PLAN

One-way traffic
(Type 1)

RECESS DETAIL FOR RETROREFLECTIVE PAVEMENT MARKER



TYPE C AND TYPE D

TYPE G AND TYPE H

See Notes 1 and 2.

RETROREFLECTIVE PAVEMENT MARKER FOR RECESSED INSTALLATION

RECESSED MARKER NOTES:

- See typical traffic line details for marker patterns to be used with recessed pavement markers. Detail 14A requires a Type 2 recess.
- The retroreflective pavement markers shown for recessed installations are not to be used for non-recessed installations.
- The top of pavement markers installed in recesses shall be 0 to 3/16" below the pavement surface.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20D DATED JULY 21, 2017 SUPERSEDES STANDARD PLAN A20D
DATED OCTOBER 30, 2015 - PAGE 15 OF THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP A20D

NOTES:

1. See Revised Standard Plans RSP A20A, RSP A20B, RSP A20C, and RSP A20D for pavement markers and traffic lines typical details.
2. Detail 9 traffic stripe shown, see project plans for traffic stripe details.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Month DD, 2017
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.

REGISTERED PROFESSIONAL ENGINEER

Atifa Ferouzi

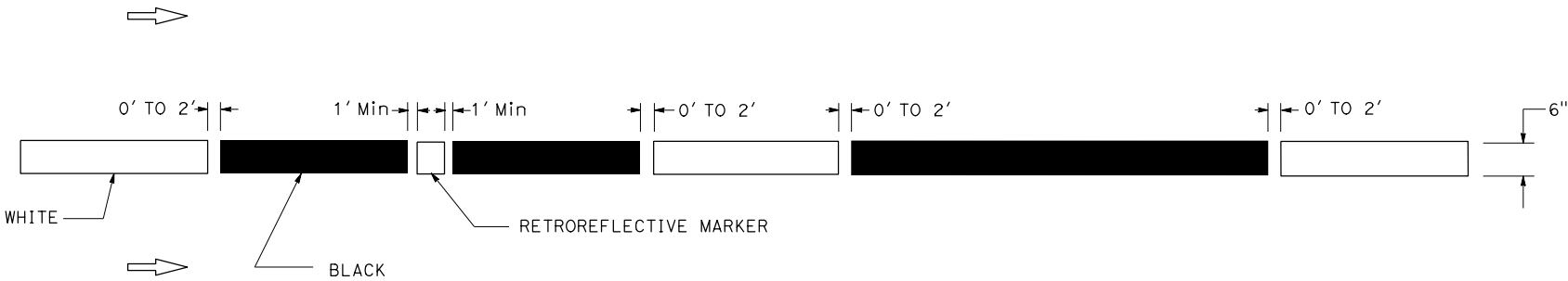
No. C80402

Exp. 3-31-19

CIVIL

STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED _____



OPTION 2
TYPICAL LANE LINE CONTRAST DETAIL
See Note 2



OPTION 1
TYPICAL LANE LINE OR RIGHT EDGE LINE CONTRAST DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKERS
AND TRAFFIC LINES**
TYPICAL DETAILS FOR CONTRAST STRIPING
NO SCALE

RSP A20E DATED JULY 21, 2017 SUPERSEDES RSP A20E DATED JANUARY 20, 2017
THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP A20E

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Month DD, 2017

PLANS APPROVAL DATE

Atifa Ferouz

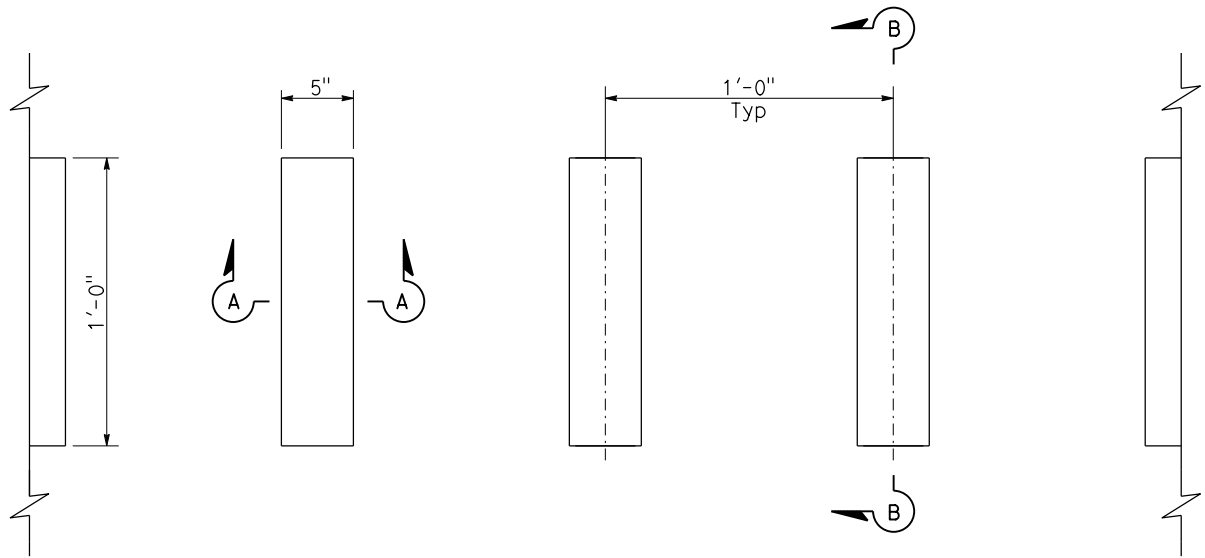
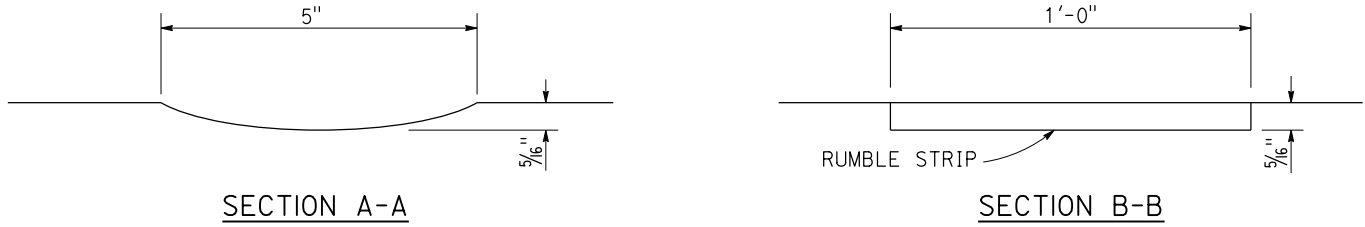
No. C80402

Exp. 3-31-19

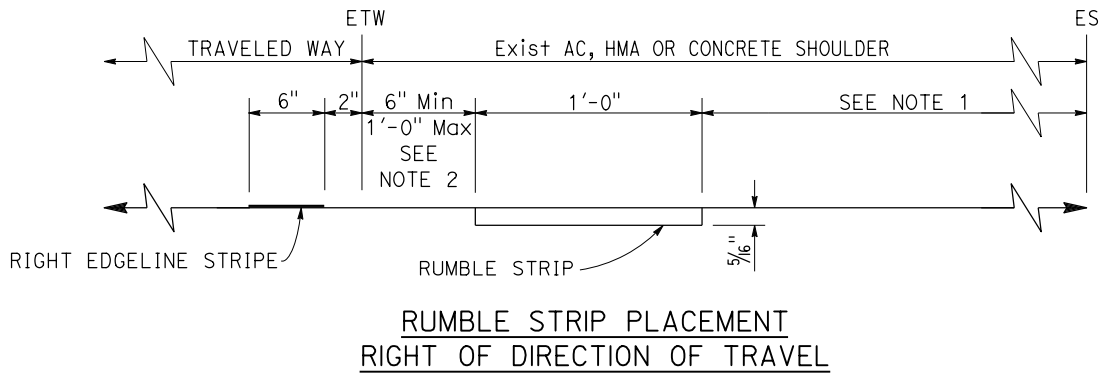
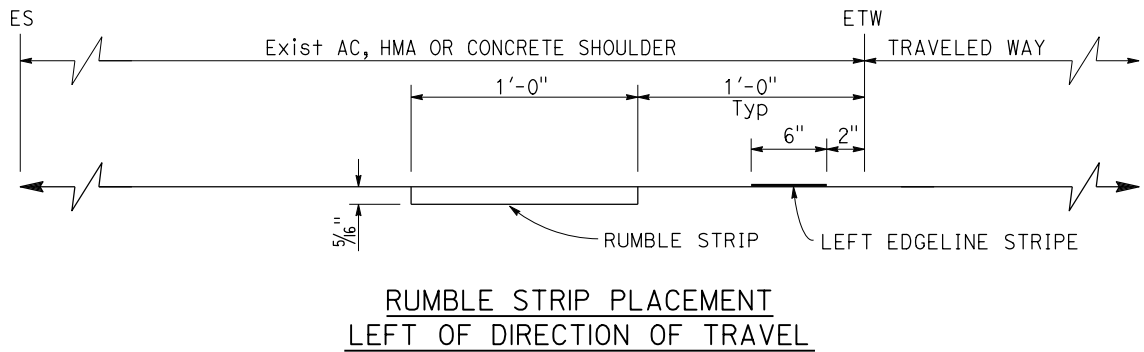
CIVIL

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.

TO ACCOMPANY PLANS DATED _____



PLAN
GROUND-IN INDENTATIONS



TYPICAL GROUND-IN RUMBLE STRIP
SHOULDER PLACEMENT

NOTES:

- Where bicycles are permitted, shoulder rumble strips should not be used right of direction of travel unless a minimum of 5'-0" of clear shoulder width for bicycle use is available between the rumble strip and the outer edge of the shoulder. Where bicycles are not permitted, a minimum of 4'-0" of distance is required between the rumble strip and the outer edge of the shoulder.
- Unless otherwise shown on the plans or specified in the special provisions, the 6" offset from the edge of traveled way to the edge of the rumble strip shall be used for rumble strip placement right of the direction of travel.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**SHOULDER RUMBLE STRIP
DETAILS
GROUND-IN INDENTATIONS**

NO SCALE

RSP A20B DATED JULY 21, 2017 SUPERSEDES STANDARD PLAN A40B
DATED OCTOBER 30, 2015 - PAGE 22 OF THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP A40B

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Month DD, 2017

PLANS APPROVAL DATE

Atifa Ferouz

No. C80402

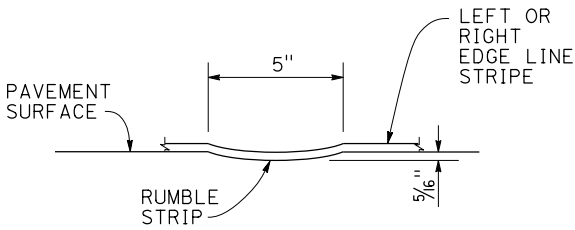
EXP. 3-31-19

CIVIL

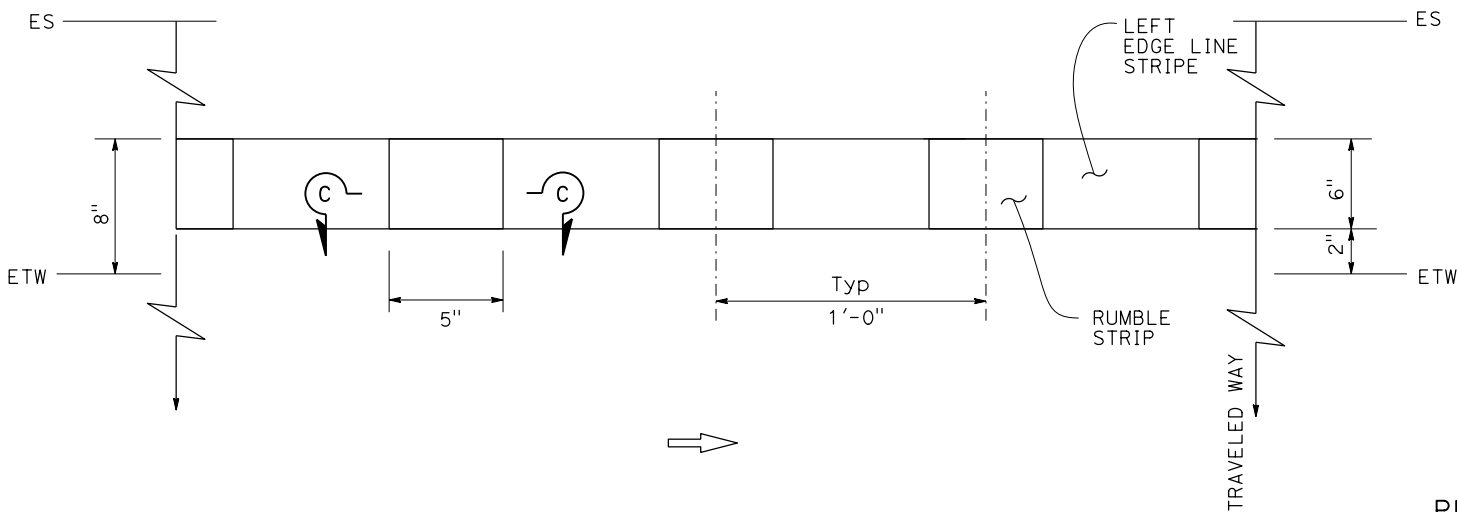
STATE OF CALIFORNIA

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.

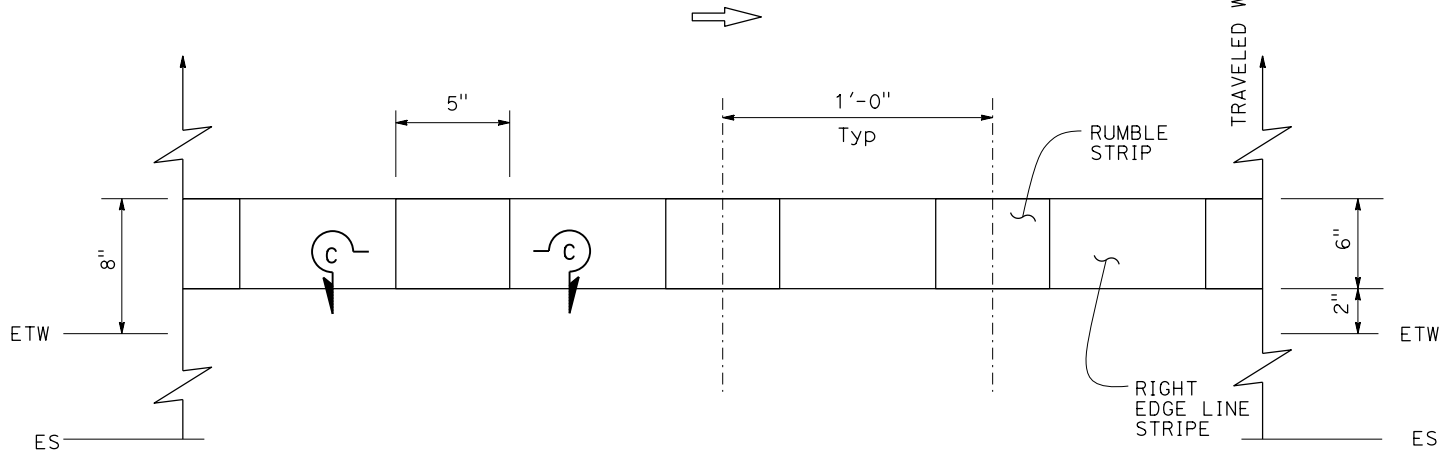
TO ACCOMPANY PLANS DATED _____



SECTION C-C



EDGE LINE RUMBLE STRIP PLACEMENT
LEFT OF DIRECTION OF TRAVEL



EDGE LINE RUMBLE STRIP PLACEMENT
RIGHT OF DIRECTION OF TRAVEL

TYPICAL EDGE LINE RUMBLE STRIP PLACEMENT

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**EDGE LINE RUMBLE STRIP
DETAILS
GROUND-IN INDENTATIONS**

NO SCALE

RSP A40C DATED JULY 21, 2017 SUPERSEDES RSP A40C DATED JULY 15, 2016
THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP A40C

NOTE:

Detail 21 and Detail 5 traffic stripes shown, see project plans for traffic stripe details.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Month DD, 2017

PLANS APPROVAL DATE

Atifa Ferouz

No. C80402

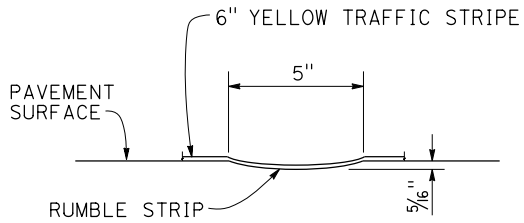
EXP. 3-31-19

CIVIL

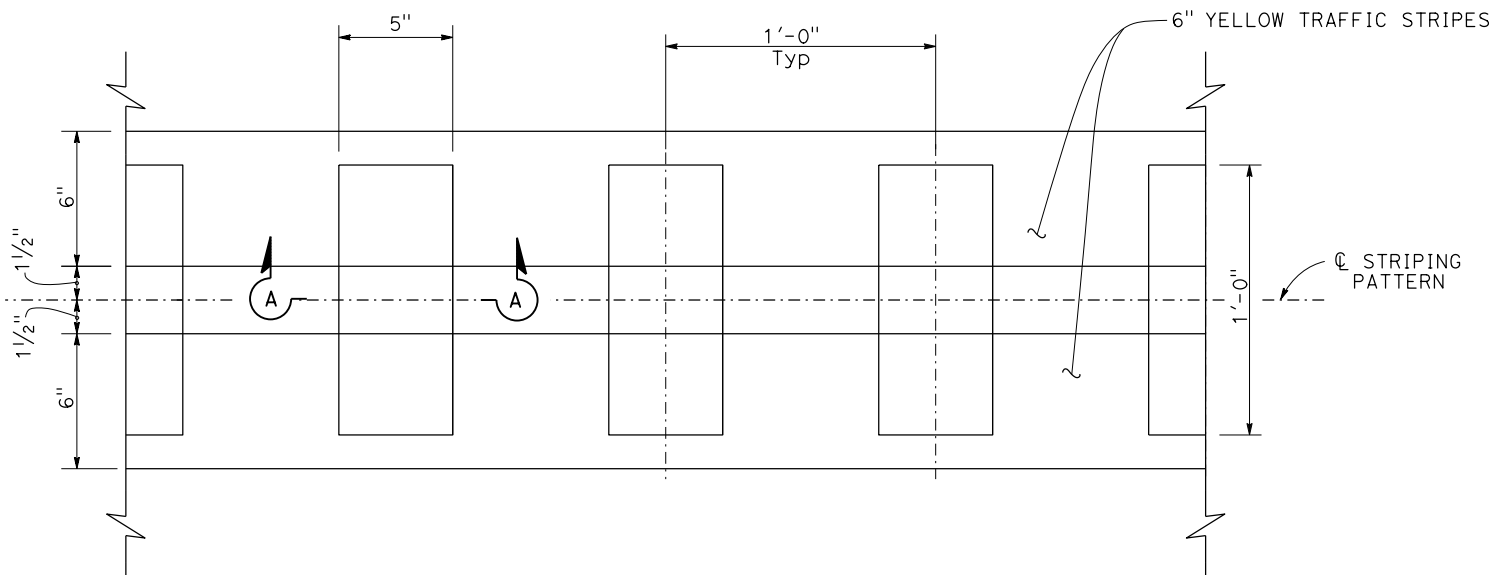
STATE OF CALIFORNIA

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.

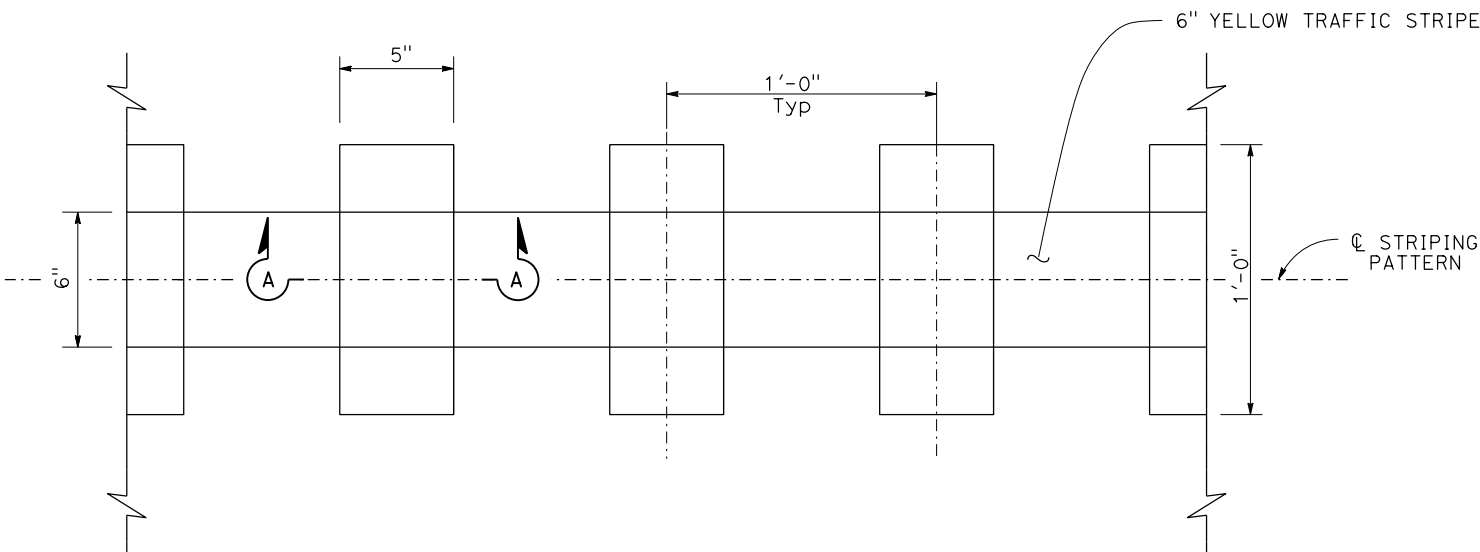
TO ACCOMPANY PLANS DATED _____



SECTION A-A



RUMBLE STRIP PLACEMENT IN NO PASSING ZONE



RUMBLE STRIP PLACEMENT IN PASSING ZONE

TYPICAL CENTERLINE RUMBLE STRIP PLACEMENT

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CENTERLINE RUMBLE STRIP
DETAILS
GROUND-IN INDENTATIONS**
NO SCALE

RSP A40D DATED JULY 21, 2017 SUPERSEDES RSP A40D DATED JULY 15, 2016
THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP A40D