



**California Traffic Control Devices Committee (CTCDC)
Agenda Item Report**



Meeting Date: August 03, 2023	From: Kevin Murai, PE, Caltrans
Item Number: 23-07	
Sponsored By: Yue Wang, PE, Caltrans	Presented By: Kevin Murai, PE, Caltrans
Description: Proposed changes to replace the SB1 logo with the Rebuilding CA logo and modify existing construction project funding identification signs for use on Clean CA, Rebuilding CA and Infrastructure Investment and Job Act (IIJA) Projects. Revision to California Manual on Uniform Traffic Control Devices (CA MUTCD) Section 6F.109(CA), paragraphs 01-04.	

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 6F.109(CA) for Construction Project Funding Identification Signs, including the Rebuilding California Sign (C48A(CA)), Clean California Signs (C49A(CA) and (C49C(CA)), Rebuilding CA, Infrastructure Investment and Job Act (IIJA) Signs (C50A(CA) and C50B(CA)), and 100% Local Agency Funded Sign (C51 (CA)).

Agency Making Request/Sponsor:

Kevin Murai, Caltrans / Yue Wang, CTCDC Member

Background:

On April 20, 2023, Caltrans Director Tavares unveiled the new Rebuilding CA and Infrastructure Investment and Job Act (Rebuilding CA-IIJA) Construction Project Funding Identification Signs (C50A(CA) and C50B(CA)). These signs will be the new standard for projects progressing into the Construction phase and replaces the C47A(CA) and C47B(CA) signs. Caltrans coordinated with the California State Transportation Agency and developed a revision to the Construction Funding Signs with a new “Rebuilding CA” logo which replaces the prior “SB-1” logo. Also incorporated in the sign is the federal logo from the Bipartisan Infrastructure Law (BIL) Funding Source Sign Assembly guidance received from US DOT in November 2022. These signs were approved by FHWA in March 2023. The “SB-1” logo change required revisions to C48(CA) replaced by C48A(CA), and C49B(CA) replaced by C49C(CA). With the C47A(CA) sign being removed, this sign was replaced by C51 (CA) to be consistent with the other construction funding identification signs. Caltrans also updated the project cost and duration threshold for these signs to accurately reflect the construction costs increases that have occurred since the last update of these signs.

Attachments:

Attachment A – Proposed changes to Section 6F.109(CA)

Attachment B – Proposed changes to Figure 6F-101(CA) (Sheet 2 of 2)



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- Attachment C – Proposed changes to Table 6F-1 (CA)
- Attachment D – Proposed C48A (CA) Sign Specification
- Attachment E – C49A (CA) Sign Specification
- Attachment F – Proposed C49C (CA) Sign Specification
- Attachment G – C50A (CA) Sign Specification
- Attachment H – C50B (CA) Sign Specification
- Attachment I – Proposed C51 (CA) Sign Specification



ATTACHMENT A

Attachment A – Proposed changes to Section 6F.109(CA)

Proposal:

Note:

- Black text is consistent with the Federal MUTCD.
- Blue text is current text as amended for use in California.
- ~~Struck-out red~~ text is to be deleted from the CA MUTCD.
- Red text is newly proposed text.

Modify Section 6F.109(CA) as shown:

Section 6F.109(CA) Construction Project Funding Identification Signs

Option:

⁰¹ For use on projects with estimated contract costs of ~~\$750,000~~ \$1,000,000 or more and ~~50~~ 60 working days or more, or 70 working days minimum when Saturdays or holidays are counted as working days, the Construction Funding Identification ~~(C47(CA) Series)~~ signs may be used to identify funding sources for a highway project. Formats of the sign series are flexible to include federal, state and/or local agency funding sources. See Figure 6F-101(CA).

Standard:

⁰² **If used, header panel shall include local agency pictograph and legend type of project limited to one line of 5 inch minimum letter size and anticipated year of completion, according to established contract completion schedule, limited to one line of 5 inch minimum letter size, designed to fit within fluorescent orange portion for C48A(CA), C50(CA) Series, and C51(CA) signs, or shall include legend "Your Tax Dollars AT WORK" for C49(CA) Series signs. with a scaled image of the SLOW FOR THE CONE ZONE (SC19(CA)) sign to fit.** Installation shall be placed in advance of temporary traffic control zone signs, and limited to one sign installed in each direction on up to two approaches.

Guidance:

⁰³ *Information on the sign should include type of project, such as Highway Construction, Highway Repair, Highway Improvement, Bridge Construction, Bridge Repair, or Roadside Work for C48A(CA) and C51(CA) signs.; types of funding, such as FEDERAL HIGHWAY TRUST FUNDS, STATE HIGHWAY FUNDS, STATE TRANSPORTATION BOND FUNDS, and/or COUNTY (CITY, RTPO, or MPO) TRANSPORTATION FUNDS; and anticipated year of completion, according to established contract completion schedule.*

Rebuilding California (C48A(CA)) Sign

Option:

⁰⁴ ~~The C48(CA) sign may be used on projects funded by Senate Bill 1. Formats of this sign are flexible to include federal, state and/or local agency funding sources. See Figure 6F-101(CA).~~

The C48A(CA) sign may be used on projects funded by State Highway Funds (Rebuilding California Funds), formerly known as Senate Bill 1. Format of this sign is flexible to include up to four funding agency pictographs. See Figure 6F-101(CA).

Clean California (C49A(CA) or C49C(CA)) Signs

Option:

⁰⁵ The C49(CA) Series may be used on projects funded by State General Funds (Clean California Funds), projects to beautify and revitalize public spaces across the State. Format of this sign is flexible to include up to four funding agency pictographs. See Figure 6F-101(CA).

Bipartisan Infrastructure Law - Rebuilding CA (C50A(CA) or C50B(CA)) Signs

Option:

⁰⁶ The Bipartisan Infrastructure Law - Rebuilding (CA C50A(CA) or C50B(CA)) Signs may be used to identify funding source for a project using Federal Trust Funds (Infrastructure Investment and Job Act Funds). Format of this sign is flexible to include up to three funding agency pictographs. See Figure 6F-101(CA).



Standard:

⁰⁷ The project description used on the C50(CA) Series sign shall be limited to the following project categories:

- 1. New Pavement**
- 2. New Carpool Lane**
- 3. Bridge Maintenance**
- 4. Bridge Restoration**
- 5. New Biking/Walking Paths**
- 6. Broadband Installation**
- 7. Improved Drainage System**

Guidance:

⁰⁸ If the project scope does not fit any of the project categories, an alternative project category should be considered, such as Highway Construction, Highway Repair, Highway Improvement, Bridge Construction, or Roadside Work.

Local Funds Only (C51(CA)) Sign

Option:

⁰⁹ The C51(CA) sign may be used on projects funded by local funds only (city, county, or other funding agencies). Format of this sign is flexible to include up to four funding agency pictographs. See Figure 6F-101(CA).



ATTACHMENT B

Attachment B – Proposed changes to Figure 6F-101(CA) (Sheet 2 of 2)

Proposal:

Note:

- Black text is consistent with the Federal MUTCD.
- Blue text is current text as amended for use in California.
- ~~Struck-out red~~ text is to be deleted from the CA MUTCD.
- Red text is newly proposed text.

Modify Figure 6F-101(CA) (Sheet 2 of 2) as shown:

Figure 6F-101 (CA). California Temporary Traffic Control Signs (Sheet 2 of 2)

Figure 6F-101 (CA). California Temporary Traffic Control Signs (Sheet 2 of 2)

C47A (CA)	C47B (CA)	C48 (CA)		
C48A (CA)	C49A (CA)	C49C (CA)		
C50A (CA)	C50B (CA)	C51 (CA)		
R111 (CA)	R115 (CA)	SC3 (CA)	SC5 (CA)	SC6A (CA)



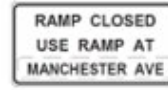
SC6B (CA)



SC6-3 (CA)



SC6-4 (CA)



SC7 (CA)



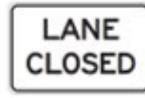
SC8 (CA)



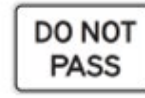
SC9 (CA)



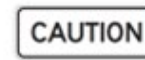
SC10 (CA)



SC11 (CA)



SC13 (CA)



SC15 (CA)



SC18 (CA)



SC19 (CA)



SC20 (CA)



SC21 (CA)



ATTACHMENT C



**California Traffic Control Devices Committee (CTCDC)
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Attachment C – Proposed changes to Table 6F-1(CA)

Proposal:

Note:

- Black text is consistent with the Federal MUTCD.
- Blue text is current text as amended for use in California.
- ~~Struck-out red~~ text is to be deleted from the CA MUTCD.
- Red text is newly proposed text.

Modify Table 6F-1(CA) as shown:

Table 6F-1(CA). California Temporary Traffic Control Zone Sign and Plaque Sizes
Table 6F-1(CA). California Temporary Traffic Control Zone Sign and Plaque Sizes

Sign or Plaque	Sign Designation	Section	Conventional Road (Minimum)	Expressway	Freeway	Oversized
RAMP CLOSED	C2(CA)	6F.28	48 x 30	48 x 30	48 x 30	---
California Flagger Symbol	C9A(CA)	6F.31	36 x 36	48 x 48	48 x 48	---
NARROW LANE(S)	C12(CA)	6F.26, 6F.102(CA)	36 x 36	48 x 48	48 x 48	---
RAMP CLOSED AHEAD	C19(CA)	6F.28	36 x 36	48 x 48	48 x 48	---
RIGHT LANE CLOSED AHEAD	C20(CA)	6F.22	36 x 36	48 x 48	48 x 48	72 x 72
LEFT plaque	C20A(CA)	6F.22	16 x 7	19 x 8	19 x 8	33 x 10
Numeral plaque	C20B(CA)	6F.22	6 x 8	8 x 10	8 x 10	10 x 12
RAMP WORK AHEAD	C23(CA)	6F.18	36 x 36	48 x 48	48 x 48	---
ROAD (STREET) WORK Informational plaque	C23B(CA)	6F.18	Var x 18	Var x 24	Var x 24	---
SHOULDER WORK AHEAD	C24(CA)	6F.37	30 x 30	48 x 48	48 x 48	---
OPEN TRENCH	C27(CA)	6F.103(CA)	36 x 36	48 x 48	48 x 48	---
XXXX FT	C29(CA)	6F.53	20 x 7	36 x 9	36 x 9	---
LANE CLOSED	C30(CA)	6F.22	30 x 30	48 x 48	48 x 48	---
SHOULDER CLOSED	C30A(CA)	6F.37	30 x 30	48 x 48	48 x 48	---
NO SHOULDER	C31A(CA)	6F.44, 6F.103(CA)	36 x 36	48 x 48	48 x 48	---
TRAFFIC CONTROL - WAIT AND FOLLOW PILOT CAR	C37(CA)	6F.58	36 x 42	36 x 42	---	---
USE NEXT EXIT	C38(CA)	6F.28	---	48 x 36	48 x 36	---
TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	C40(CA)	6F.12	108 x 42	144 x 60	144 x 60	---
TRAFFIC FINES DOUBLED IN WORK ZONES	C40A(CA)	6F.12	36 x 36	48 x 48	48 x 48	---
FRESH CONCRETE	C43(CA)	6F.107(CA)	36 x 36	48 x 48	48 x 48	---
TRUCKS ENTERING EXITING	C44(CA)	6F.36	36 x 36	48 x 48	48 x 48	---
RUMBLE STRIPS	C45(CA)	6F.87	36 x 36	48 x 48	---	---
UNEVEN PAVEMENT	C46(CA)	6F.45	36 x 36	48 x 48	48 x 48	---
UNEVEN PAVEMENT plaque	C46P(CA)	6F.45	30 x 18	36 x 24	36 x 24	---
Construction Project Funding Identification Signs	C47A, B(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	---
Construction Project Funding Identification Signs	C48(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	---
Rebuilding California Sign	C48A(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	
Clean California Signs	C49A(CA) & C49C(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	



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Bipartisan Infrastructure Law - Rebuilding CA Signs	C50A(CA) & C50B(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	
Local Funds Only Sign	C51(CA)	6F.109(CA)	48 x 30	132 x 78	132 x 78	
MOVE OVER OR SLOW WHEN AMBER LIGHTS FLASHING	R111(CA)	6F.108(CA)	54 x 18	54 x 18	54 x 18	---
PILOT CAR DO NOT PASS	R115(CA)	6F.58	36 x 18	36 x 18	---	---
DETOUR with Arrow	SC3(CA)	6F.59	36 x 12	48 x 18	48 x 18	---
SPECIAL EVENT AHEAD	SC5(CA)	6F.18	36 x 36	48 x 48	48 x 48	---
RAMP CLOSED (Not more than one day)	SC6-3(CA)	6F.28	48 x 48	48 x 48	48 x 48	---
RAMP CLOSED (More than one day)	SC6-4(CA)	6F.28	48 x 60	48 x 60	48 x 60	---
Day/Month plaque	SC6A(CA)	6F.28	12 x 6	12 x 6	12 x 6	---
Time plaque	SC6B(CA)	6F.28	6 x 6	6 x 6	6 x 6	---
RAMP CLOSED, USE RAMP AT _____	SC7(CA)	6F.28	84 x 42	84 x 42	84 x 42	---
_____ EXIT - RAMP CLOSED	SC8(CA)	6F.28	---	84 x 42	84 x 42	---
(FWY) DETOUR with Arrow	SC9(CA)	6F.59	36 x 36	48 x 48	48 x 48	---
LANE CLOSED AHEAD or ROAD WORK AHEAD	SC10(CA)	6F.104(CA)	48 x 30	66 x 36	66 x 36	---
LANE CLOSED	SC11(CA)	6F.104(CA)	42 x 30	54 x 42	54 x 42	---
DO NOT PASS	SC13(CA)	6F.104(CA)	42 x 30	54 x 42	54 x 42	---
CAUTION	SC15(CA)	6F.104(CA)	42 x 18	54 x 24	54 x 24	---
EXIT with Arrow	SC18(CA)	6F.28	---	48 x 48	48 x 48	---
Slow For The Cone Zone	SC19(CA)	6F.106(CA)	54 x 36	54 x 36	54 x 36	114 x 78
SLOW FOR THE CONE ZONE	SC20(CA)	6F.106(CA)	42 x 36	54 x 48	54 x 48	---
CAUTION FREQUENT STOPPING AND BACKING STAY BACK 100 FEET	SC21(CA)	6F.108(CA)	30 x 42	30 x 42	30 x 42	---
FLOODING AHEAD TURN AROUND DON'T DROWN	W86(CA)	6I.101(CA)	30 x 24	---	---	---
EMERGENCY SCENE AHEAD	W90(CA)	6I.101(CA)	36 X 36	48 X 48	48 X 48	---

Revised March 29, 2019



ATTACHMENT D

Attachment D – Proposed C48A(CA) Sign Specification



NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. Use when the project is funded by State Highway funds only.
3. See Special Provisions for project description and year of completion. Specify when ordering.
4. Agency logo(s) placement and spacing can be adjusted as needed.

C48A (CA)

ENGLISH UNITS

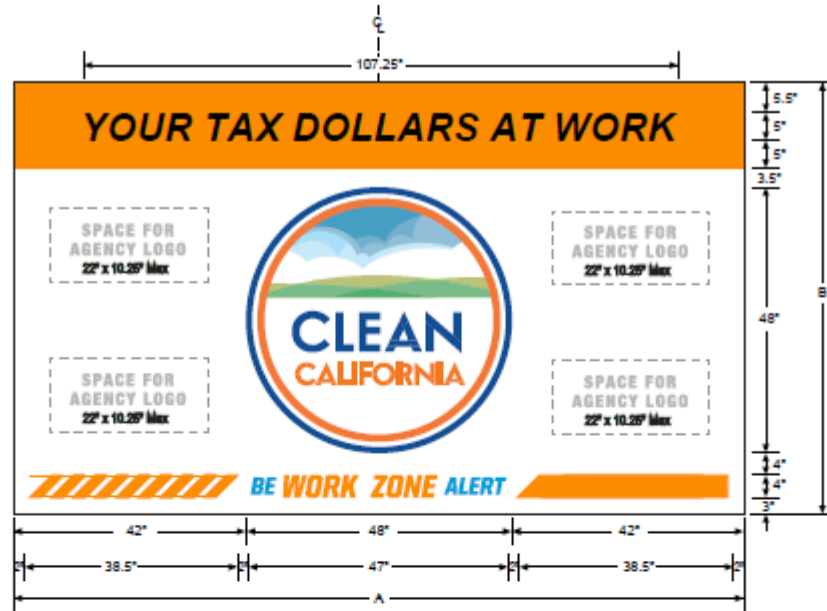
A	B
132	78
96	60
48	30

**COLORS: LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)
BACKGROUND - WHITE AND FLUORESCENT ORANGE
SEE VECTOR GRAPHIC FILE FOR "REBUILDING CA" LOGO
BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE
ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK**



ATTACHMENT E

Attachment E – C49A(CA) Sign Specification



NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
 For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
 For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. Use when the project involves Clean California funds.
3. Agency logo(s) placement and spacing can be adjusted as needed.

C49A (CA)

ENGLISH UNITS

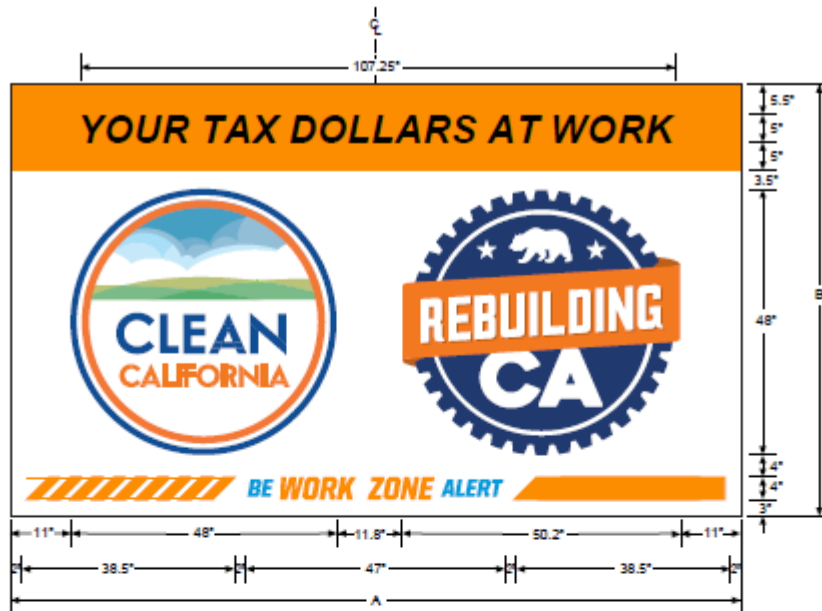
A	B
132	78
96	60
48	30

COLORS: LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)
BACKGROUND - WHITE AND FLUORESCENT ORANGE
CLEAN CALIFORNIA LOGO - SEE PAGE BELOW FOR CMYK COORDINATES
BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE
SEE VECTOR GRAPHIC FILES FOR CLEAN CA LOGO AND BE WORK ZONE ALERT GRAPHIC
ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK



ATTACHMENT F

Attachment F – Proposed C49C(CA) Sign Specification



NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. Use when the project is funded by Clean California and State Highway funds only.

C49C (CA)

ENGLISH UNITS	
A	B
132	78
96	60
48	30

COLORS: LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)
BACKGROUND - WHITE AND FLUORESCENT ORANGE
SEE VECTOR GRAPHIC FILES FOR "CLEAN CALIFORNIA" AND "REBUILDING CA" LOGOS
BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE
ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK



ATTACHMENT G

Attachment G – C50A(CA) Sign Specification



C50A(CA)

NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. See Special Provisions for project description and year of completion. Specify when ordering.

ENGLISH UNITS (inches)

A	B
132	78
96	60
48	30

ALTERNATE PROJECT DESCRIPTION (LINE 1)

NEW PAVEMENT
NEW CARPOOL LANE
BRIDGE MAINTENANCE
BRIDGE RESTORATION
NEW BIKING/WALKING PATHS
BROADBAND INSTALLATION
IMPROVED DRAINAGE SYSTEM

COLORS:

LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)

BACKGROUND - WHITE AND FLUORESCENT ORANGE

SEE VECTOR GRAPHIC FILES FOR "REBUILDING CA" AND "BIPARTISAN INFRASTRUCTURE LAW" LOGOS

CT LOGO: PANTONE #299 BLUE AND PANTONE #326 TURQUOISE

BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE

ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK



ATTACHMENT H

Attachment H – C50B(CA) Sign Specification



C50B(CA)

NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
 For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
 For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. See Special Provisions for project description and year of completion. Specify when ordering.

ENGLISH UNITS (inches)

A	B
132	78
96	60
48	30

ALTERNATE PROJECT DESCRIPTION (LINE 1)

NEW PAVEMENT
NEW CARPOOL LANE
BRIDGE MAINTENANCE
BRIDGE RESTORATION
NEW BIKING/WALKING PATHS
BROADBAND INSTALLATION
IMPROVED DRAINAGE SYSTEM

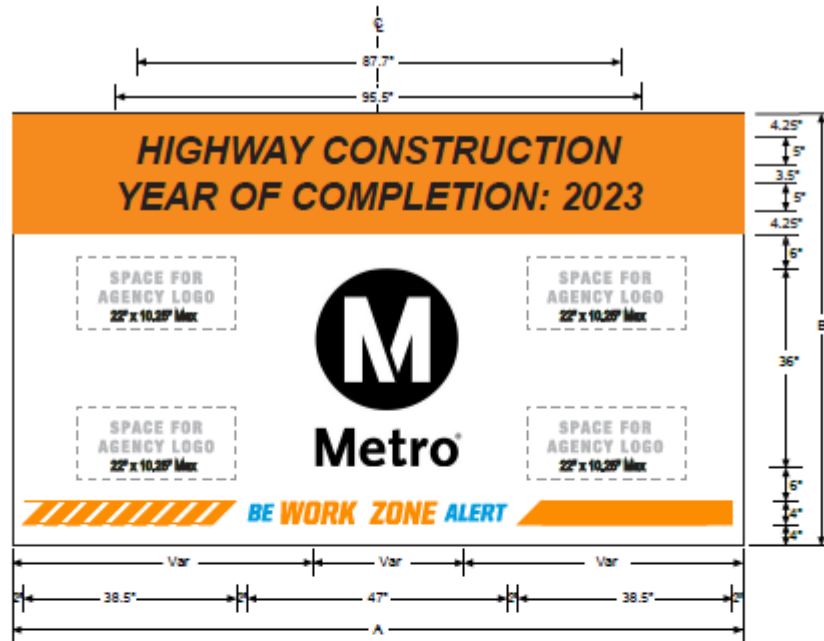
COLORS:

- LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)**
- BACKGROUND - WHITE AND FLUORESCENT ORANGE**
- SEE VECTOR GRAPHIC FILES FOR "REBUILDING CA" AND "BIPARTISAN INFRASTRUCTURE LAW" LOGOS**
- CT LOGO: PANTONE #299 BLUE AND PANTONE #326 TURQUOISE**
- BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE**
- ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK**



ATTACHMENT I

Attachment I – Proposed C51(CA) Sign Specification



NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. Use when the project is funded by Local funds only.
3. See Special Provisions for project description and year of completion. Specify when ordering.
4. Agency logo(s) placement and spacing can be adjusted as needed.

C51 (CA)

ENGLISH UNITS

A	B
132	78
96	60
48	30

COLORS: LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)
BACKGROUND - WHITE AND FLUORESCENT ORANGE
LOCAL AGENCY TO PROVIDE VECTOR GRAPHIC FILE FOR THEIR LOGO
BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE
ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK