

<b>Meeting Date:</b> November 04, 2021	<b>From:</b> Gurinderpal (Johnny) Bhullar, PE, TE, Secretary to CTCDC
<b>Item Number:</b> 21-15	
<b>Sponsored By:</b> Lee Haber, PE, Caltrans	<b>Presented By:</b> Gurinderpal (Johnny) Bhullar, PE, TE, Secretary to CTCDC
<b>Description:</b> TRUCKS OK Panels on Overhead Arrow-per-Lane Signs	

**Recommendation:**

Motion by committee to recommend inclusion of the proposed changes to the CA MUTCD Section 2B.31 "TRUCKS USE RIGHT LANE Sign (R4-5)" and related Figure 2B-10(CA) and Table 2B-1 (CA)

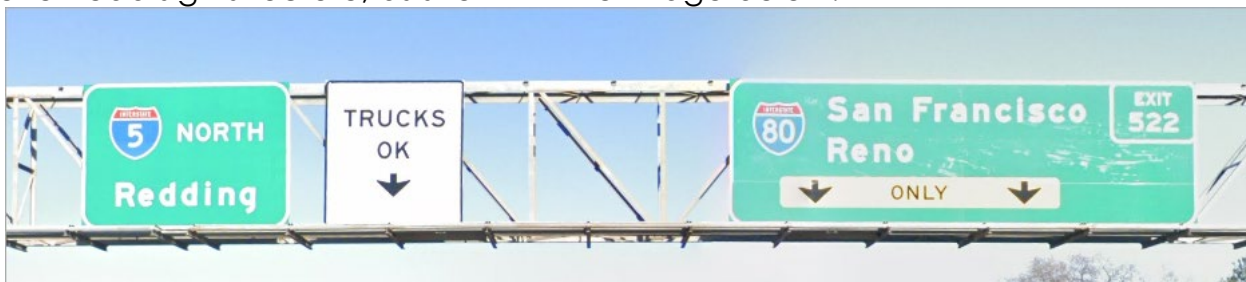
**Agency Making Request/Sponsor:**

Caltrans.

**Background:**

Section 21655 of the California Vehicle Code (CVC) states that any vehicle subject to the provisions of CVC 22406 (trucks, trailers, etc. that may not exceed 55 mph) must travel in the right-hand lane, or right two lanes if the highway has four lanes or more in one direction of travel. CVC 21655 also gives the agency with jurisdiction over the highway the authority to designate a specific lane, or lanes, other than the right-hand lane(s) that trucks/trailers may use if the agency determines that it would facilitate the safe and orderly movement of traffic, such as in advance of freeway branch connections, lane drops, etc.

The CA MUTCD already provides the optional use of the TRUCKS OK (R70(CA)) sign which is used to designate another lane that the trucks/trailers may use other than the right lane(s). However, this sign takes up a significant amount of room on the overhead sign structure, as shown in the image below:



When arrow-per-lane overhead guide signs are used, which are required for all multi-lane exits with an option lane, the TRUCKS OK (R70(CA)) sign cannot be used. Since arrow-per-lane signs span the width of the freeway, the TRUCKS OK (R70(CA)) sign



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does not fit. The proposed TRUCKS OK panels will give agencies the ability to designate specific lanes that trucks may use on overhead arrow-per-lane signs. The TRUCKS (R70A(CA)) panel and OK (R70B(CA)) panel will be implemented similar to the EXIT (E11-1a) and ONLY (E11-1b) sign panels. The proposed TRUCKS OK sign panels shall be placed on either side of and adjacent to the lower end of the white up arrow of the appropriate lane.

### **Attachments:**

Attachment A – Mockup of the Proposed Sign Panels

Attachment B – Proposed Changes to Section 2B.31

Attachment C – Proposed Changes to Figure 2B-10(CA) and Table 2B-1(CA)



# ATTACHMENT A



Attachment A –Mockup of the Proposed Sign Panels





# ATTACHMENT B



## Attachment B – Proposed Changes to Section 2B.31

### 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 2B.31 as shown:

### **Section 2B.31 TRUCKS USE RIGHT LANE Sign (R4-5)**

...

#### Option:

<sup>01a</sup> The TRUCKS OK (R70(CA)) sign (see Figure 2B-10(CA)) may be used to allow trucks to legally use a lane other than the right lane or lanes to facilitate the safe and orderly movement of traffic, such as in advance of freeway branch connections, lane drops, etc. If the TRUCKS OK (R70(CA)) sign cannot fit on an overhead sign structure with an arrow-per-lane sign, the TRUCKS (R70A(CA)) and OK (R70B(CA)) sign panels may be used in place of the TRUCKS OK (R70(CA)) sign. See CVC 21655.

#### Standard:

<sup>01b</sup> The TRUCKS OK (R70(CA)) sign shall be placed directly over the appropriate lane. The TRUCKS (R70A(CA)) and OK (R70B(CA)) sign panels shall be placed on either side of and adjacent to the lower end of the appropriate white up arrow.

#### Support:

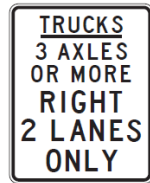
~~<sup>01b</sup> Refer to CVC 21655. Erect overhead with the arrow directly over the appropriate lane.~~



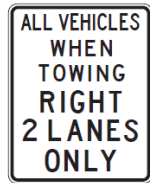
# ATTACHMENT C

**Attachment C – Proposed Changes to Figure 2B-10(CA) and Table 2B-1(CA)**

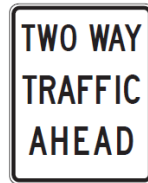
*Figure 2B-10 (CA). Passing, Keep Right, and Slow Traffic Signs*



R6-3A (CA)



R6-4A (CA)



R40 (CA)



R53A (CA)



R53B (CA)



R53E (CA)



R55 (CA)



R70 (CA)



R70A (CA)



R70B (CA)



R82A (CA)

**Table 2B-1(CA). California Regulatory Sign and Plaque Sizes (Sheet 4 of 7)**

Sign or Plaque	Sign Designation	Section	Conventional Road		Expressway	Freeway	Minimum	Oversized
			Single Lane	Multi-Lane				
Intersection Lane Control	R61-9(CA)	2B.19	36 x 30	54 x 45	---	---	36 x 30	---
Intersection Lane Control	R61-11(CA)	2B.19	36 x 30	54 x 45	---	---	36 x 30	---
Intersection Lane Control	R61-13(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-15(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-17(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-19(CA)	2B.19	36 x 30	48 x 36	---	---	30 x 24	---
Intersection Lane Control	R61-22(CA)	2B.19	54 x 30	78 x 45	---	---	54 x 30	---
Intersection Lane Control	R61-24(CA)	2B.19	54 x 30	78 x 45	---	---	54 x 30	---
Intersection Lane Control	R61-26(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-28(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-30(CA)	2B.19	36 x 30	54 x 45	---	---	36 x 30	---
Intersection Lane Control	R61-32(CA)	2B.19	36 x 30	54 x 45	---	---	36 x 30	---
Intersection Lane Control	R61-34(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
Intersection Lane Control	R61-36(CA)	2B.19	48 x 30	72 x 45	---	---	48 x 30	---
PUSH BUTTON FOR PEDESTRIAN WARNING LIGHTS - CROSS WITH CAUTION	R62E(CA)	2B.52	5 x 7.5	5 x 7.5	---	---	5 x 7.5	9 x 12
TRUCKS OK	R70(CA)	2B.31	---	---	---	96 x 70	---	---
TRUCKS	R70A(CA)	2B.31	---	---	---	78 x 18	---	---
OK	R70B(CA)	2B.31	---	---	---	66 x 18	---	---
Intersection Lane Control	R73-1(CA)	2B.19	36 x 30	36 x 30	---	---	24 x 20	45 x 36