



**California Traffic Control Devices Committee
Agenda Item Report**



Meeting Date: November 3, 2022	From: Gurinderpal (Johnny) Bhullar, PE, TE, Secretary to CTCDC
Item Number: 22-06	
Sponsored By: Yue Wang, PE, Caltrans	Presented By: Sarah Horn, Caltrans
Description: Proposal to add two new bike turn-out guide signs in CA MUTCD to inform bicyclists of turn-out locations when riding on a shared road.	

Recommendation:

Motion by committee to recommend inclusion of two proposed bike turn-out guide signs in new CA MUTCD Section 9B.105 (CA) "Bike Turn-out Signs".

Agency Making Request/Sponsor:

Caltrans.

Background:

On highways where bicyclists share the road with motorists, there are situations where the motorist may not be able to safely pass the bicyclist, such as locations with limited roadway width and heavy traffic in the opposite direction. Where these situations typically occur, Caltrans is planning to add new bike turn-outs, similar to existing turn-outs for vehicles, to prevent unsafe passing maneuvers. The proposed signs will inform bicyclists of the upcoming location of the bike turn-out that they can use to allow vehicles to pass.

Attachments:

- Attachment A – Proposed new Section 9B.105(CA)
- Attachment B – Proposed changes to Figure 9B-4(CA)
- Attachment C – Proposed changes to Table 9B-1 (CA)
- Attachment D – Proposed SG46A(CA) Sign Specification
- Attachment E – Proposed SG46B(CA) Sign Specification



ATTACHMENT A

Attachment A – Proposed new Section 9B.105(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 Chapter 9B as shown:

...

Section 9B.105 (CA) Bike Turn-out Signs SG46A(CA) and SG46B(CA).

Support:

On highways in areas where bicyclists share the road with motorists and roadway width, traffic volumes and/or vertical or horizontal curvature make passing bicyclists difficult for motorists, turn-out areas for bicyclists are sometimes provided for the purpose of allowing vehicles an opportunity to pass bicyclists.

Guidance:

⁰¹ Where an area has been provided for bicyclists to use as a turn-out to allow vehicles an opportunity to pass bicyclists, a BIKE TURN-OUT XX FEET (SG46A(CA)) sign (see Figure 9B-4(CA)) should be installed in advance of the turn-out area.

⁰² A BIKE TURN-OUT (with arrow) (SG46B(CA)) sign should be installed at the entrance of the turn-out area provided for bicyclists.



ATTACHMENT B

Attachment B – Proposed changes to Figure 9B-4(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 Figure 9B-4 (CA) as shown:

Figure 9B-4 (CA). California Guide Signs for Bicycle Facilities



G93C (CA)



SG45 (CA)



S17 (CA)



SG46A (CA)



SG46B (CA)



ATTACHMENT C



Attachment C – Proposed changes to Table 9B-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 9B-1(CA) as shown:

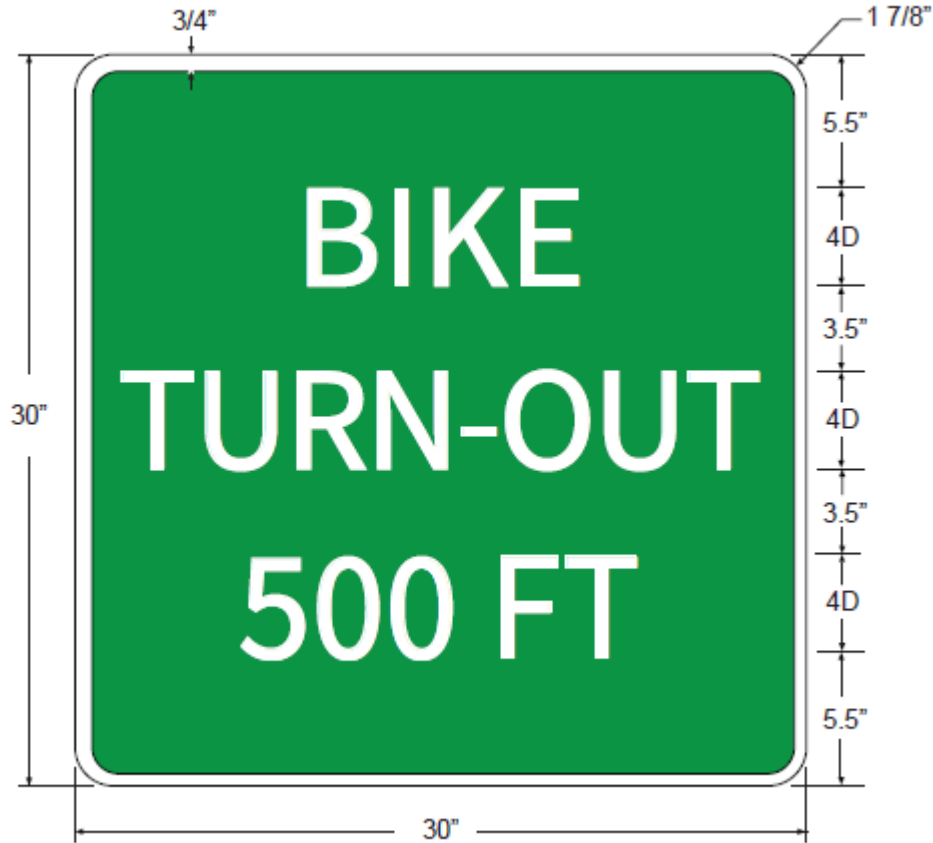
Table 9B-1(CA). California Bicycle Facility Sign and Plaque Minimum Sizes

Sign or Plaque	Sign Designation	Section	Shared-Use Path	Roadway
Bicycle Parking	G93C(CA)	9B.23	24 x 18	24 x 18
Bike Path Exclusion	R44A(CA)	9B.08	12 x 24	---
BICYCLES MOTOR-DRIVEN CYCLES MUST EXIT	R44B(CA)	9B.101(CA)	---	30 x 36
BICYCLES MUST EXIT	R44C(CA)	9B.101(CA)	---	30 x 30
Bike Lane	R81(CA)	9B.04	---	12 x 8
BEGIN	R81A(CA)	9B.04	---	12 x 5
END	R81B(CA)	9B.04	---	8 x 5
PASS Bicycle 3 FT MIN	R117(CA)	9B.102(CA)	---	30 x 30 *
EXCEPT Bicycle	R118(CA)	9C.04	---	18 x 15 *
Bicycle Route Number Marker	SG45(CA)	9B.21	12 x 18	12 x 18
Bike Turn-Out XX FT	SG46A(CA)	9B.105(CA)	---	30 x 30
Bike Turn-Out (with arrow)	SG46B(CA)	9B.105(CA)	---	30 x 30
Bicycle Route Name Marker	S17(CA)	9B.21	24 x 6	24 x 6



ATTACHMENT D

Attachment D – Proposed SG46A(CA) Sign Specification



NOTES:

1. Distance is provided in 500 foot increments. Also, mileage can be used instead of feet in 1/4 mile increments. See Appendix for Distance Details.
2. Line 3 can be replaced with the alternative message "AHEAD"

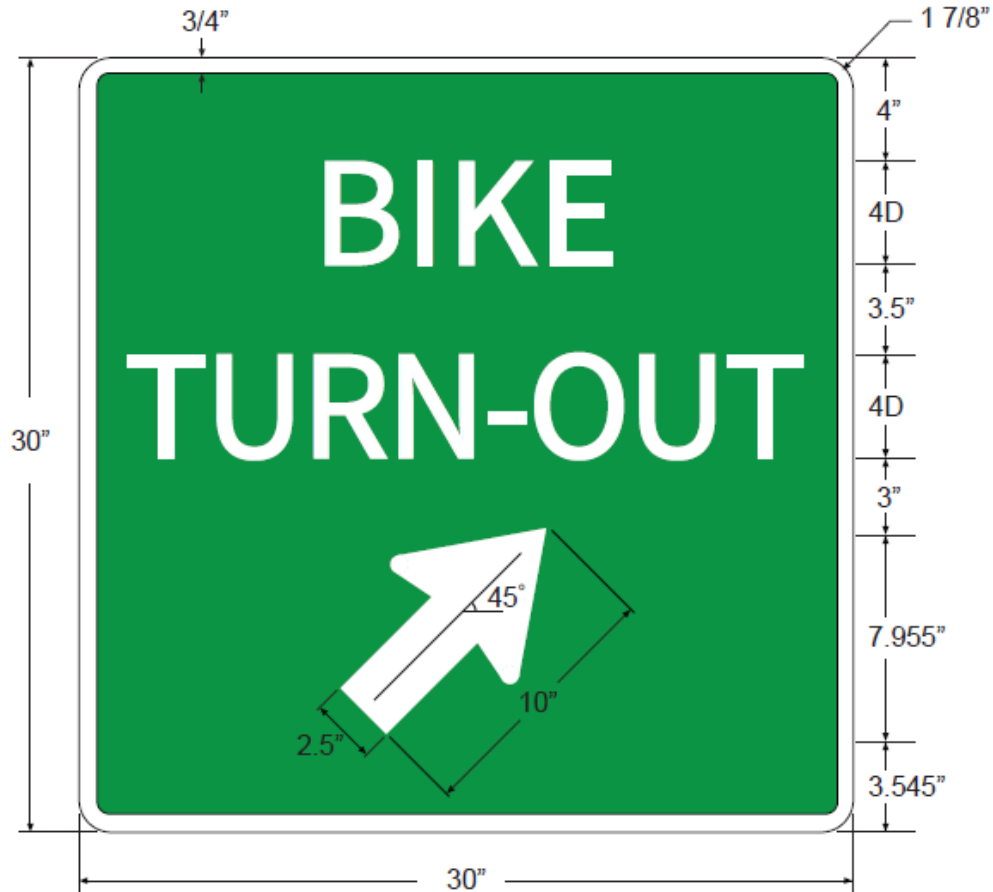
Colors:

- Legend & Border – White (Retroreflective)
- Background – Green (Retroreflective)



ATTACHMENT E

Attachment E – Proposed SG46B(CA) Sign Specification



NOTE:
See Appendix for Standard Arrow Design.

Colors:
Legend & Border – White (Retroreflective)
Background – Green (Retroreflective)