

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: October 9, 2019

From: STEVEN KECK, Chief Financial Officer

Reference Number: 4.21, Action Item

Prepared By: Michael Johnson, State Asset Management Engineer

Subject: **ADOPTION OF ANNUAL BENCHMARKS FOR FIX 500 ADDITIONAL BRIDGES FOR REPORTING PERFORMANCE REQUIREMENTS UNDER SENATE BILL 1**

ISSUE:

Should the California Transportation Commission (Commission) adopt the California Department of Transportation's (Department) criteria to be used to report Senate Bill 1 (SB 1) performance requirements for a "fixed bridge"?

RECOMMENDATION:

The Department recommends that the Commission adopt its criteria to be used to report SB1 performance requirements for a "fixed bridge".

BACKGROUND:

SB 1, the Road Repair and Accountability Act of 2017, includes a specific performance requirement to "Fix no less than an additional 500 bridges" over a 10-year period ending in 2027. The Department has previously developed criteria to be able to report on this metric which has been utilized since 2017

Fix Bridge Criteria

SB 1 language included the requirement that the Department "Fix no less than an additional 500 bridges" by 2027. To measure the progress toward the accomplishment of this measure, the Department developed a definition of "fix bridge" and established a baseline accomplishment level, prior to the passage of SB 1, in order to measure "additional fixes".

The definition of bridge fixes includes five criteria as defined below. These criteria can be met singularly or in combination.

1. Any project that improves the condition of the bridge from a lesser condition to a better condition (Example Poor to Good, Poor to Fair.)
2. Any project that provides seismic safety.
3. Any project that addresses scour vulnerability.
4. Any project that replaces a bridge rail that does not meet current federal safety standards.
5. Any bridge whose vertical clearance is increased to current Highway Design standards or whose load capacity is increased for permit vehicles shall be counted as a fixed bridge.

The Pre-SB 1 accomplishment levels were evaluated to determine the level to begin measuring the “additional” bridges. The five years preceding the passage of SB 1 were evaluated and it was found that an average of 126 bridges per year were being fixed. For the purposes of SB 1 reporting, bridge fixes above 126 yearly will count toward the SB 1 requirement of “additional 500 bridges”.