



BCAG BOARD OF DIRECTORS

Item #5 Action

January 28, 2021

APPROVAL OF 2020/21 FEDERAL PERFORMANCE MEASURES - TRANSIT

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ISSUE: As the federally designated Metropolitan Planning Organization (MPO) for the Butte County region, BCAG is required to establish targets, track, and report the areas performance measures mandated under the federal Moving Ahead for Progress in the 21st Century Act (MAP-21), in coordination with Caltrans and the local jurisdictions.

DISCUSSION: Federal transportation legislation placed new and stronger emphasis on measuring and monitoring the performance of the transportation system and requires states and MPOs to implement a performance-based approach to planning and programming. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed toward the achievement of transportation system performance outcomes. The performance targets ensure states and MPOs invest resources in transportation projects that achieve national goals in safety, infrastructure condition, congestion, reliability, freight movement, environmental sustainability, and reduced project delivery delays.

As part of the performance planning process, Butte Regional Transit is required to set performance targets for transit safety and transit asset management performance measures and report those targets to BCAG for approval by the BCAG Board and incorporation into the Regional Transportation Plan (RTP) and Federal Transportation Improvement Program (FTIP) by July 20, 2021. Butte Regional Transit is then required to update targets annually, however, the MPO (BCAG) is only required to approve new transit related targets with each update of the RTP or FTIP.

Transit Asset Management (TAM)

The federal goal under transit asset management (TAM) is to provide a cost-effective, systematic, interruption free pattern of transit operation. Table 1 includes those targets prepared by Butte Regional Transit (BRT), the transit operator for the Butte County region, for the 2020/21 fiscal year and Table 2 contains the progress made towards achieving the targets.

BCAG Board of Directors Meeting – Item #5

January 28, 2021

Page 2

Table 1. Transit Asset Management Regional Performance Targets 2020-2021

Asset Class	Performance Measure	Target
Rolling Stock	Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	15
<i>All revenue vehicles</i>		
Equipment	Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	1
<i>Non-revenue vehicles</i>		
Facilities	Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	1
<i>All buildings or structures</i>		

Table 2. Transit Asset Management Regional Condition Summary 2020-2021

Asset Category	Count	Average Age	Average TERM Condition	Average Value	% At or Past ULB
Equipment	22	2.4	N/A	N/A	0.00%
Facilities	3	4.0	N/A	N/A	0.00%
Rolling Stock	59	9.6	N/A	N/A	39%

Public Transportation Agency Safety Plan (PTSAP)

BRT and the Federal Transit Administration (FTA) have adopted the principles and methods of System Safety and of Safety Management Systems (SMS) as the basis for enhancing the safety of public transportation. All rules, regulations, policies, guidance, best practices, and technical assistance administered will, to the extent practical and consistent with legal and other applicable requirements, follow the principles and methods of SMS.

The Butte Regional Transit - Public Transit Agency Safety Plan (PTASP) is an agencywide safety plan that meets and is responsive to FTA’s Public Transportation Safety Program (PTSP). The Transit Agency Safety Plan reflects the specific safety objectives, standards, and priorities of BRT. BRT has incorporated its System Safety compliance into SMS principles and methods tailored to the size, complexity, and scope of its own public transportation system and the environment in which it operates.

Table 3 includes those targets prepared by Butte Regional Transit (BRT), the transit operator for the Butte County region, for the 2020 fiscal year.

Table 3. Public Transportation Agency Safety Plan Targets for 2020

Preventable Vehicle Collisions	Preventable Vehicle Collision Frequency Rate	Preventable Employee Injuries	Preventable Employee Injury Rate	Passenger Injuries	Passenger Injury Frequency Rate
17	0.96	4	3.83	13	0.73

BCAG Board of Directors Meeting – Item #5

January 28, 2021

Page 3

Staff has reviewed the transit related measures and targets with BCAG's Transportation Advisory Committee (TAC). If approved by the BCAG Board, BCAG staff will incorporate the new measures and targets into the BCAG System Performance Report and the 2021 FTIP by July 20, 2021.

BCAG staff will continue to coordinate with Caltrans, the BCAG Transportation Advisory Committee, and the BCAG Board regarding federal performance measures.

STAFF RECOMMENDATION: Staff is recommending that the BCAG Board approve the transit safety and transit asset management performance measures and targets provided by Butte Regional Transit for the 2020/21 performance year.

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