



BCAG BOARD OF DIRECTORS

Item #8 Action

December 12, 2019

ACCEPTANCE OF MAP-21 PERFORMANCE MEASURE – 2020 SAFETY (PM1)

PREPARED BY: Brian Lasagna, Regional Analyst

ISSUE: As the federally designated Metropolitan Planning Organization (MPO) for the Butte County region, BCAG is required to establish targets, track, and report the area’s 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 (MAP-21) 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.

On August 31, 2019, Caltrans established statewide safety performance targets for calendar year 2020 – see Table 1. MPOs have 6 months (February 27, 2020) following the states target setting date to: A) establish their own targets; or B) agree to plan and program projects so that they contribute toward the accomplishment of the state target. Performance and targets are to be reported and revised annually.

Table 1. Statewide Safety Performance Targets - Year 2020

Measure	Target
Number of Fatalities	-3.03%
Rate of Fatalities per 100M Vehicle Miles of Travel (VMT)	-3.03%
Number of Serious Injuries	-1.5%
Rate of Serious Injuries per 100M VMT	-1.5%
Number of Non-Motorized Fatalities	-3.03%
Number of Non-Motorized Serious Injuries	-1.5%

Note: Targets are based on a 5-year rolling average for all roadways.

BCAG Board of Directors Meeting – Item #8

December 12, 2019

Page 2

Caltrans and the Office of Traffic and Safety (OTS) have adopted “aspirational” statewide targets consistent with the California Strategic Highway Safety Plan (SHSP) and the state goal of reaching zero fatalities by the year 2050.

Included as Attachment #1 is a compilation of the Butte County datasets provided for each safety measure. Trends have been presented based on the rolling 5-year average for all years included in the dataset.

BCAG staff reviewed the data and targets with the BCAG Transportation Advisory Committee (TAC) at the December 2019 meeting. As with the last two target setting cycles, staff is recommending that BCAG agree to plan and program projects so that they contribute toward the accomplishment of the state target for the 2020 performance year. This recommendation is supported by the TAC.

Included as Attachment #2 is a listing of those projects contained in BCAG’s recently adopted 2019 Federal Transportation Improvement Plan (FTIP) that work toward the state safety targets.

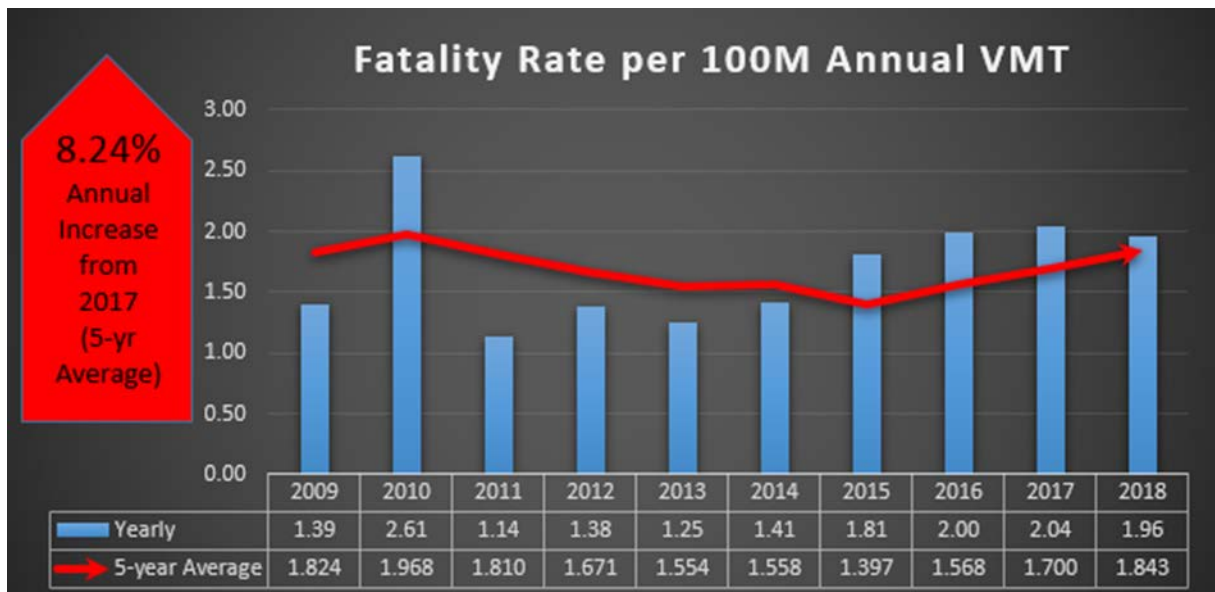
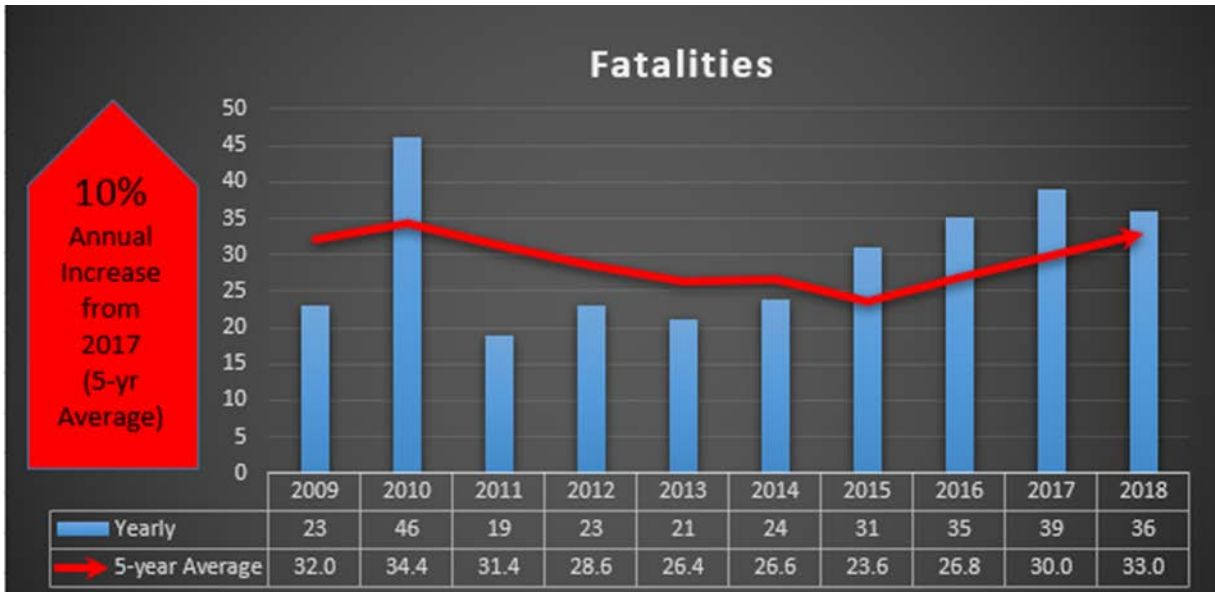
Safety performance and targets will be reviewed with the TAC and BCAG Board annually and reported to Caltrans.

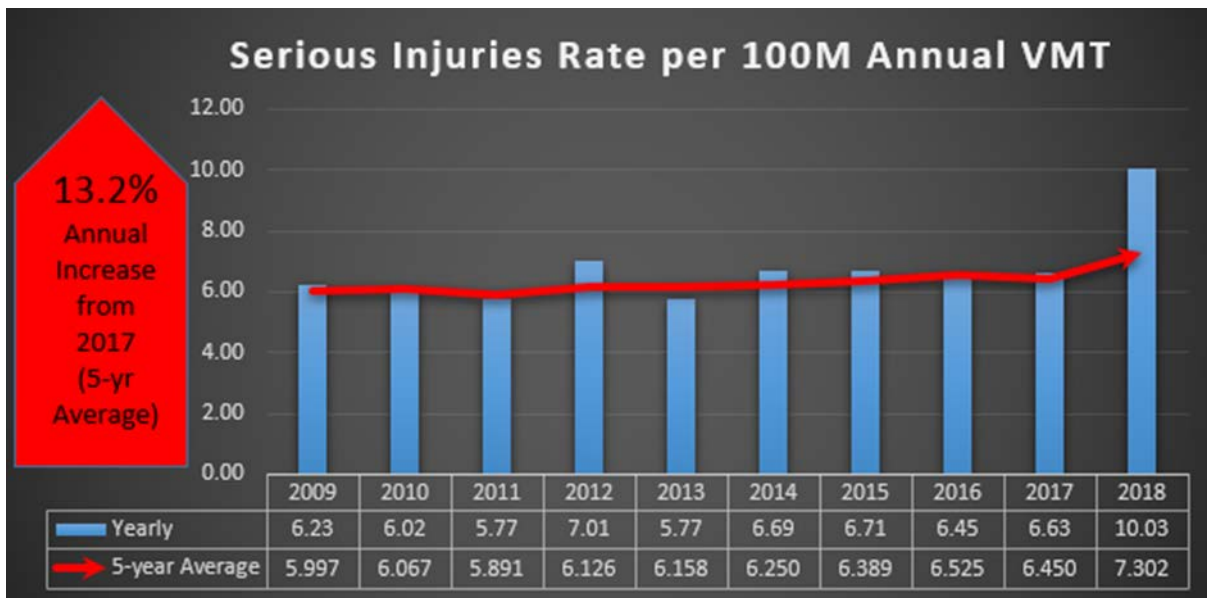
STAFF RECOMMENDATION: BCAG staff is recommending the BCAG Board of Director’s accept the state performance safety targets and the region agree to plan and program projects so they contribute toward the accomplishment of the state safety targets for the 2020 performance year.

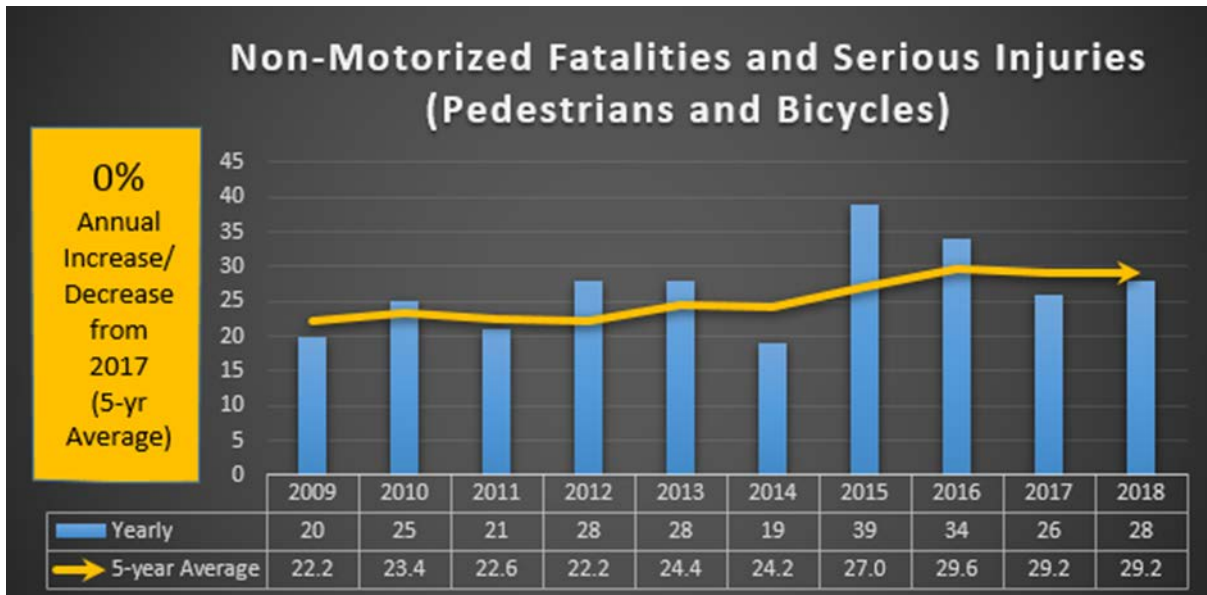
Key staff: Brian Lasagna, Regional Analyst
 Ivan Garcia, Transportation Programming Specialist

ATTACHMENT #1

BCAG Regional Safety Performance Measure Trends







BCAG Board of Directors Meeting – Item #8

December 12, 2019

Page 6

ATTACHMENT #2

BCAG 2019 FTIP Projects Identified for PM1 (Safety)

AGENCY	Title	Local Funds	RIP-State	IIP-State	SHOPP	CMAQ	HSIP	ATP	TOTALS	Perf. Measure
Biggs	Biggs Safe Routes to School Project - Second Street	0	0	0	0	150	0	0	150	PM 1
Biggs	Safe Routes to Schools Program	1,340	0	0	0	0	0	0	1,340	PM 1
Caltrans	Grouped Projects for Emergency Repair - SHOPP Emergency Response Program	0	0	0	57,166	0	0	0	57,166	PM 1
Caltrans	Grouped Projects for Safety Improvements - SHOPP Collision Reduction Program	0	0	0	27,530	0	0	0	27,530	PM 1
Caltrans	SR 70 Passing Lanes (Segment 3)	0	10,900	10,900	40,668	0	0	0	62,468	PM 1
Caltrans	SR70 Passing Lanes (Segment 1)	0	5,400	5,400	31,870	0	0	0	42,670	PM 1
Caltrans	SR70 Passing Lanes (Segment 2)	0	6,600	6,600	35,880	0	0	0	49,080	PM 1
Chico	Esplanade Corridor Safety and Accessibility Improvement Project	70	0	0	0	0	0	7,270	7,340	PM 1
Chico	SR 99 Bikeway Phase 4 Improvements	282	0	0	0	0	0	0	282	PM 1
Chico	SR 99 Corridor Bikeway Phase 5 - 20th Street Crossing PE	500	0	0	0	1,436	0	0	1,936	PM 1
County	Autry Lane & Monte Vista Safe Routes to Schools Gap Closure Project	2,650	0	0	0	200	0	0	2,850	PM 1
County	Monte Vista & Lower Wyandotte Class II Bike Project	0	0	0	0	620	0	0	620	PM 1
County	Palermo/South Oroville SRTS Project, Phase 3	1,850	0	0	0	500	0	0	1,675	PM 1
Gridley	Central Gridley Pedestrian Connectivity and Equal Access Project	1,335	0	0	0	160	0	0	1,495	PM 1
Gridley	Gridley Bike & Pedestrian SR 99 Corridor Facility Project	200	0	0	0	160	0	0	200	PM 1
Oroville	SR 162 Pedestrian/Bicycle Disabled Mobility and Safety Improvements Project	0	0	0	0	0	0	3,411	3,411	PM 1
Paradise	Oliver Curve Class I Phase I	4,625	0	0	0	350	0	0	4,975	PM 1
Paradise	Paradise ATP Gateway Project	7,975	0	0	0	550	0	0	7,975	PM 1
Paradise	Pentz Road Trailway Phase II	9,270	0	0	0	700	0	0	9,270	PM 1
Various	Grouped Projects for Safety Improvements - HSIP Program	1,933	0	0	0	0	4,501	0	2,194	PM 1
	Totals	32,029	22,900	22,900	193,114	4,826	4,501	10,681	290,951	