



BCAG BOARD OF DIRECTORS

Item #8 Information

July 28, 2016

DRAFT 2015 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AND AIR QUALITY DETERMINATION

PREPARED BY: Ivan Garcia, Programming Manager

ISSUE: The Draft 2017 Federal Transportation Improvement Program (FTIP) and Air Quality Conformity Determination have been prepared and are available for review and comment.

DISCUSSION: As the Metropolitan Planning Organization for Butte County, BCAG is required to prepare and update an FTIP every two years. The purpose of the FTIP is to identify all transportation-related projects that require federal funding and approval by the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA). The FTIP also identifies all non-federal, regionally significant projects for information and air quality emissions modeling purposes. The FTIP indicates the area's short-term plan for use of federal dollars and other resources for the maintenance, operation, and improvement of the transportation system and the achievement of federal air quality standards over the next four federal fiscal years.

The 2017 FTIP identifies approximately \$156 million in funding for 28 projects over the next four federal fiscal years beginning October 1, 2016. The attached Table 1 – 2017 FTIP Summary identifies project by agency, fiscal year and fund source.

The 2017 FTIP was developed in consultation with required state and federal agencies, and BCAG's transportation advisory committee. Development of the FTIP was posted at BCAG's web page and noticed in the local newspapers indicating its availability and scheduled adoption for the August 25, 2016 Board meeting. Once adopted, the BCAG Board may amend the FTIP at any time.

While most of the projects in the 2017 FTIP are existing projects from the 2015 FTIP, staff has incorporated new Congestion Mitigation and Air Quality Projects (CMAQ) to be approved by the Board as part of the adoption of the new FTIP. The new CMAQ projects are summarized in the attachment.

In addition, staff distributed the Draft Air Quality Conformity Determination to the "Interagency Consultation Review" (ICR) group which included representatives from the Federal Highway Administration, Environmental Protection Agency, Caltrans, Butte County Air Quality Management District and the Air Resources Board to review BCAG's Air Quality Analysis and Determination projects and process. BCAG has received

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concurrence from the required group. A complete FTIP Document will be available at the Board meeting.

STAFF RECOMMENDATION: This item is presented for information. Staff will be requesting the BCAG Board adopt the 2017 FTIP and Air Quality Conformity Determination at the August Board meeting.

Key Staff: Iván García, Programming Manager
Brian Lasagna, Senior Planner

Congestion Mitigation and Air Quality Program Summary Proposed Projects for Programming into the 2017 FTIP

New Projects:

City of Chico - Esplanade Corridor Safety and Accessibility Improvement Project - Project programs \$350,000 in CMAQ funds for preliminary engineering. The scope of the project includes various non-motorized "complete streets improvements along the Esplanade Corridor from W. 11th Avenue to Memorial Avenue. An Active Transportation Program grant application has been submitted to Caltrans for the construction component.

County of Butte – Monte Vista & Lower Wyandotte Class II Bike Facilities – The project programs \$750,000 in CMAQ funds to construct Class II bike facilities along Monte Vista Ave and Lincoln Blvd to Lower Wyandotte Rd in locations that do not have existing curb, gutter and sidewalks, along with Class II bike facilities along Lower Wyandotte Rd from Las Plumas Ave/Oro Bangor Hwy to Monte Vista Ave. This project is proposed to be funded completely with CMAQ funds.

County of Butte – Autry Lane and Monte Vista Safe Routes to Schools Gap Closure Project - Project programs \$300,000 in CMAQ funds for preliminary engineering for curb, gutter, sidewalk, and crossing enhancements along Autry Lane and Monte Vista Ave. An Active Transportation Program grant application has been submitted to Caltrans for the construction component.

Town of Paradise – ATP Gap Closure Project - Project programs \$575,000 in CMAQ funds for preliminary engineering to construct new sidewalks, curbs and gutters, and class II bicycle lanes in downtown Paradise along Fir Street (Skyway to Black Olive), Birch Street (Skyway to Black Olive), in addition to portions of Foster Road (Pearson to Birch), Black Olive Drive (Pearson to Fir) and Elliott Road (Skyway to Almond). An Active Transportation Program grant application has been submitted to Caltrans for the construction component.

City of Biggs – Safe Routes to Schools Project - Project programs \$160,000 in CMAQ funds for preliminary engineering to construct new bike and pedestrian facilities along 2nd & E Streets. An Active Transportation Program grant application has been submitted to Caltrans for the construction component.

City of Oroville – SR 162 Pedestrian/Bicycle and Disabled Mobility and Safety Improvements - Project programs \$540,000 in CMAQ funds for preliminary engineering to construct improvements along State Route 162 in Oroville between Feather River Blvd and Foothill Blvd. Includes a comprehensive set of active transportation infrastructure connectivity and safety improvements. The project scope includes the following elements: new sidewalk, curb, and gutter; ADA ramps; street lighting; high-visibility crosswalk striping; buffered bicycle lanes; an RRFB crosswalk enhancement; a multi-use trail

connection to SR 162; and an enhanced pedestrian crossing with a signal (H.A.W.K.) upgrade.

Existing Projects – Cost Increases

City of Chico – SR 99 Bikeway Phase 5 Project. A cost increase of \$300,000 in CMAQ funds is proposed to complete the preliminary engineering for this project. The Phase 5 project completes the gap adjacent to SR 99 from Chico Mall across 20th Street to the north end of Business Lane.

Paradise - Pearson Rd Safe Routes to Schools Connectivity Project. A potential cost increase of \$200,000 in CMAQ funds may be needed to construct this project. The Town will be opening construction bids in August. In the event that additional funds may be needed, staff has included this request in the FTIP. This project is primarily funded with Caltrans ATP funds. If funding is not needed, staff will remove the project prior to adoption by the Board. This project is located along Pearson Rd between Black Olive and Academy Drives. Improvements include the construction of sidewalk, curb, gutter on the north and south sides of Pearson Rd between Black Olive Drive and Academy Drive. The project will require minor drainage improvements and construction of appropriate retaining walls for hillside slopes.

FY 2017/18 - YEAR 2														
Agency	Title	Local Funds	RIP-State	RIP-Fed	IIP- Fed	SHOPP	PLH/Demo	FTA Funds	RTPF	CMAQ	HBP	HSIP	ATP	Totals
County	Central House Rd Ovedr Wymann Ravine Bridge	0	0	0	0	0	0	0	0	0	65	0	0	65
County	Monte Vista & Lower Wyandotte Class II Bike Project	0	0	0	0	0	0	0	0	15	0	0	0	15
BCAG	SR70 Passing Lanes (Segment 1)	0	0	900	900	0	0	0	0	0	0	0	0	1,800
BCAG	FTA Sec. 5307 Program - B - Line	2,325	0	0	0	0	0	2,325	0	0	0	0	0	4,650
BCAG	FTA Sec 5311 Program	802	0	0	0	0	0	651	0	0	0	0	0	1,453
BCAG	FTA Section 5339 Program	0	0	0	0	0	0	188	0	0	0	0	0	188
BCAG	FTA 5311f - Butte Regional Transt	255	0	0	0	0	0	300	0	0	0	0	0	555
Caltrans	SR70 Passing Lanes (Segment 2)	0	0	0	0	0	493	0	0	0	0	0	0	493
Chico	Guyann Rd over Lindo Channel Bridge Project	0	0	0	0	0	0	0	0	0	100	0	0	100
Chico	SR 99 Cohasset Rd Interchange Direct SB On Ramp	464	0	0	0	0	0	0	0	736	0	0	0	1,200
Chico	SR 99 Bikeway Phase 4 Improvements	86	0	0	0	0	0	0	0	200	0	0	800	1,086
Oroville	SR 162 Pedestrian/Bicycle Disabled Mobility and Safety Improvements Project	0	0	0	0	0	0	0	0	540	0	0	0	540
Paradise	ATP Gap Closure Project	38	0	0	0	0	0	0	0	0	0	0	0	38
Various	Local HBP - Grouped Listing - Lump Sum	9	1,499	0	0	0	0	0	0	0	366	0	0	1,874
Various	Butte County HSIP Grouped Projects	0	0	0	0	0	0	0	0	0	0	2,242	0	2,242
Various	FTA 5310 Enhacement Program Group Listing - Non Infrastructure	0	0	0	0	0	0	150	0	0	0	0	0	150
TOTALS		3,979	1,499	900	900	-	493	3,614	-	1,491	531	2,242	800	16,449
								2,325	5307					
								150	5310					
								651	5311					
								300	5311f					
								188	5339					
								3,614	Total					

FY 2018/19 - YEAR 3														
Agency	Title	Local Funds	RIP- State	RIP- Fed	IIP- Fed	SHOPP	PLH/ Demo	FTA Funds	RTPF	CMAQ	HBP	HSIP	ATP	Totals
County	Monte Vista & Lower Wyandotte Class II Bike Project	0	0	0	0	0	0	0	0	620	0	0	0	620
BCAG	FTA Sec. 5307 Program - B - Line	2,325	0	0	0	0	0	2,325	0	0	0	0	0	4,649
BCAG	FTA Sec 5311 Program	802	0	0	0	0	0	651	0	0	0	0	0	1,453
BCAG	FTA Section 5339 Program	0	0	0	0	0	0	188	0	0	0	0	0	188
BCAG	FTA 5311f - Butte Regional Transt	255	0	0	0	0	0	300	0	0	0	0	0	555
Caltrans	SHOPP Mandates Grouped Listing	0	0	0	0	1,430	0	0	0	0	0	0	0	1,430
Chico	Guyann Rd over Lindo Channel Bridge Project	0	0	0	0	0	0	0	0	0	2,671	0	0	2,671
Various	Local HBP - Grouped Listing - Lump Sum	313	0	0	0	0	0	0	0	0	13,988	0	0	14,301
Various	FTA 5310 Enhacement Program Group Listing - Non Infrastructure	0	0	0	0	0	0	150	0	0	0	0	0	150
TOTALS		3,695	0	0	0	1,430	0	3,614	0	620	16,659	0	0	26,017
				SHOPP	Collision			2,325	5307			FTA		
					Road			150	5310					
					Bridge			651	5311					
					Mandates	1,430		300	5311f					
					Total	1,430		188	5339					
							3,614	Total						

FY 2019/20 - YEAR 4														
Agency	Title	Local Funds	RIP- State	RIP- Fed	IIP- Fed	SHOPP	PLH/ Demo	FTA Funds	RTPF	CMAQ	HBP	HSIP	ATP	Totals
Biggs	Safe Routes to Schools Program	800	0	0	0	0	0	0	0	0	0	0	0	800
BCAG	SR70 Passing Lanes (Segment 1)	0	0	11,200	11,200	0	0	0	0	0	0	0	0	22,400
BCAG	FTA Sec. 5307 Program - B - Line	2,325	0	0	0	0	0	2,325	0	0	0	0	0	4,650
BCAG	FTA Sec 5311 Program	802	0	0	0	0	0	651	0	0	0	0	0	1,453
BCAG	FTA Section 5339 Program	0	0	0	0	0	0	188	0	0	0	0	0	188
BCAG	FTA 5311f - Butte Regional Transt	255	0	0	0	0	0	300	0	0	0	0	0	555
Caltrans	SHOPP Bridge Preservation Grouped Listing	0	0	0	0	19,300	0	0	0	0	0	0	0	19,300
Chico	Esplanade Corridor Safety and Accessibility Improvement Project	1,005	0	0	0	0	0	0	0	0	0	0	0	1,005
Paradise	ATP Gap Closure Project	4,376	0	0	0	0	0	0	0	269	0	0	0	4,645
Various	Local HBP - Grouped Listing - Lump Sum	0	0	0	0	0	0	0	0	0	1,435	0	0	1,435
Various	FTA 5310 Enhacement Program Group Listing - Non Infrastructure	0	0	0	0	0	0	150	0	0	0	0	0	150
TOTALS		9,563	-	11,200	11,200	19,300	-	3,614	-	269	1,435	-	-	56,581
				SHOPP	Collision			2,325	5307			FTA		
					Road			150	5310					
					Bridge	19,300		651	5311					
					Mandates			300	5311f					
					Total	19,300		188	5339					
							3,614	Total						

2017 FTIP PERIOD - ALL PROJECTS														
	Local Funds	RIP- State	RIP- Fed	IIP- Fed	SHOPP	PLH/ Demo	FTA Funds	RTPF	CMAQ	HBP	HSIP	ATP	Totals	
TOTALS	20,791	1,701	13,100	13,100	61,026	493	14,817	31	4,511	21,425	4,516	800	156,311	
				SHOPP	Collision	34,590		9,299	5307			FTA		
					Road	5,706		600	5310					
					Bridge	19,300		2,603	5311					
					Mandates	1,430		1,200	5311f					
					Total	61,026		1,115	5339					
							14,817	Total						