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February 24, 2017

File Number 1500300

Mr. Bruce De Terra, Division Chief
Division of Transportation Programming
Office of Federal Transportation Management Program
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- Southern California Tribal Chairmen's Association
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Attention: Mr. Muhaned Aljabiry

Dear Mr. Aljabiry:

SUBJECT: Transmittal of Administrative Modification Amendment No. 2 to the 2016 Regional Transportation Improvement Program

The following Administrative Modification Amendment No. 2 to the 2016 Regional Transportation Improvement Program (RTIP) for the San Diego Association of Governments (SANDAG) is being transmitted to you for state approval. The Board of Directors ratified the February 17, 2017, Transportation Committee action at their meeting on February 24, 2017.

This amendment includes changes to two projects within San Diego County and includes, but is not limited to, updates to a grouped project listing for the Highway Safety Improvement Program.

The project changes and additions in Administrative Modification Amendment No. 2 do not affect air quality conformity. The proposed amendment does not reflect any changes in the design, concept, or scope of the project or the conformity analysis years as modeled for the regional emissions analysis of the 2016 RTIP and San Diego Forward: The Regional Plan.

If you have any questions, please feel free to contact me at (619) 595-5318 or via email at sue.alpert@sandag.org.

Sincerely,

SUE ALPERT
Associate Project Control Analyst

SALP/asa

- Attachments:
1. Transportation Committee Staff Report
 2. List of Projects for Amendment No. 2
 3. Summary of Changes for Amendment No. 2
 4. List of Grouped Project Listings for the following:
 - a. Highway Safety Improvement Program (CAL105)



2016 REGIONAL TRANSPORTATION IMPROVEMENT
PROGRAM: AMENDMENT NO. 2 – ADMINISTRATIVE
MODIFICATION

File Number 1500300

Introduction

On September 23, 2016, the Board of Directors adopted the 2016 Regional Transportation Improvement Program (RTIP), the multiyear program of proposed major transportation projects in the San Diego region covering the period FY 2017 to FY 2021. The 2016 RTIP is a multibillion dollar program of projects funded by federal, state, *TransNet* local sales tax, and other local funding sources. The 2017 Federal Statewide Transportation Improvement Program (FSTIP), which incorporates the SANDAG 2016 RTIP, received federal approval on December 16, 2016.

Recommendation

The Transportation Committee is asked to approve Amendment No. 2 – Administrative Modification to the 2016 Regional Transportation Improvement Program.

Background

There are two types of processes to update the RTIP, administrative modifications and formal amendments. Formal amendments require, among other things, a 15-day public notice period, while administrative modifications are considered minor in nature and do not require a public notice period. The federal agencies delegated the approval of administrative modifications to the state, thereby streamlining the approval process. Chapter 2 of the adopted 2016 RTIP provides additional details regarding the differences between formal amendments and administrative modifications.

SANDAG is processing Amendment No. 2 to the 2016 RTIP as an administrative modification due to timing issues related to federal funding. Amendment No. 2 is considered an administrative modification because the programming for each project, or grouped listing, is increasing by less than 40 percent, or \$10 million, which is consistent with the federally accepted administrative modification procedures.

Discussion

There are two projects proposed to be amended as described below with further programming details included in Table 1 (Attachment 1). The Fixing America's Surface Transportation (FAST) Act was signed into law on December 4, 2015. Under the FAST Act, the Highway Safety Improvement Program (HSIP), codified as Section 148 of Title 23, United States Code (23 U.S.C. §148), is a core federal-aid program to States for the purpose of achieving a significant reduction in fatalities and

serious injuries on all public roads. The California Department of Transportation (Caltrans) Division of Local Assistance (DLA) manages California's local agency share of HSIP funds. On November 21, 2016, the project selection results of HSIP Cycle 8 were announced.

Additionally, under the FAST Act, Section 120 of Title 23, U.S.C. §120(i), allows for the use of toll credits to fund the required local match for a project. These credits are not counted as revenue or part of the total project cost, but allow the project to be funded with 100 percent federal funds.

Caltrans

Grouped Projects for Highway Safety Improvement Program (CAL105) – This amendment proposes to add those projects awarded HSIP funds in Cycle 8, which are ready to obligate funds this fiscal year. The remaining Cycle 8 projects will be added as part of the next formal amendment to the 2016 RTIP. Total program increases by \$3,708,000 bringing the new total to \$13,122,000.

SANDAG

Regional Rideshare Program (SAN11A) – This amendment proposes to revise the project description in order to add toll credits as a local match to the Congestion Management and Air Quality funds. Total project remains at \$34,431,000.

Fiscal Constraint Analysis

Federal regulations require the 2016 RTIP to be a revenue constrained document, with programmed projects based upon available or committed funding and/or reasonable estimates of future funding. Funding assumptions are generally based upon: (1) authorized or appropriated levels of federal and state funding from current legislation; (2) conservative projections of future federal and state funding based upon a continuation of current funding levels; (3) the most current revenue forecasts for the Board of Directors approved short-term *TransNet* Program; and (4) the planning and programming documents of the local transportation providers.

As an administrative modification, an updated fiscal constraint analysis is not required. The proposed changes included in Amendment No. 2 do not affect the fiscal constraint submitted as part of the federally approved 2016 RTIP. Chapter 4 of the Final 2016 RTIP discusses in detail the financial capacity analysis of major program areas, including discussion of available revenues. The 2016 RTIP, including Amendment No. 2, continues to be reasonable when considering available funding sources.

Air Quality Analysis

On September 23, 2016, SANDAG found the 2016 RTIP in conformance with the Regional Air Quality Strategy/State Implementation Plan (SIP) and with the 2009 Regional Air Quality Strategy for the San Diego region. All of the required regionally significant capacity increasing projects were included in the quantitative emissions analysis conducted for the San Diego Forward: The Regional Plan (Regional Plan) and the 2016 RTIP. The Federal Highway Administration and the FTA jointly approved the conformity determination for the 2016 RTIP and the conformity redetermination for the Regional Plan on December 16, 2016.

The proposed amendment does not reflect a change in the design, concept, or scope of the project

or the conformity analysis years as modeled for the regional emissions analysis of the 2016 RTIP. Projects in the 2016 RTIP Amendment No. 2 meet the conformity provisions of the Transportation Conformity Rule (40 CFR §93.122(g)). Both projects included in Amendment No. 2 are either non-capacity increasing or are exempt from the requirement to determine conformity according to the Transportation Conformity Rule (40 CFR §93.126). SANDAG followed interagency consultation procedures to determine which projects are exempt. Amendment No. 2 does not include any capacity increasing or non-exempt projects. Amendment No. 2 does not interfere with the timely implementation of Transportation Control Measures. The 2016 RTIP, including Amendment No. 2, remains in conformance with the SIP.

JOSÉ A. NUNCIO
TransNet Department Director

Attachment: 1. Table 1: 2016 Regional Transportation Improvement Program –
Amendment No. 2 – Administrative Modification

Key Staff Contact: Sue Alpert, (619) 595-5318, sue.alpert@sandag.org

Table 1
2016 Regional Transportation Improvement Program
Amendment No. 2 - Administrative Modification
San Diego Region (in \$000s)

Caltrans

MPO ID: CAL105							RTIP #:16-02			
Project Title: Grouped Projects for Highway Safety Improvement - HSIP Program Project Description: Projects are consistent with 40 CFR Parts 93.126 and 93.127 Exempt Tables 2 and 3 categories - railroad/highway crossing, safer non-federal-aid system roads, shoulder improvements, traffic control devices and operating assistance other than signalization projects, intersection signalization projects at individual intersections, pavement marking demonstration, truck climbing lanes outside the urbanized area, lighting improvements, emergency truck pullovers Change Reason: Increase funding Capacity Status:NCI Exempt Category:Safety - Safety Improvement Program										
Est Total Cost: \$13,122										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
HSIP	\$12,026	\$983	\$4,732	\$3,842	\$2,469					\$12,026
Local Funds	\$1,096	\$97	\$227	\$373	\$399					\$1,096
TOTAL	\$13,122	\$1,080	\$4,959	\$4,215	\$2,868					\$13,122
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
HSIP	\$9,011	\$104	\$5,551	\$3,357						\$9,011
Local Funds	\$403	\$1	\$92	\$311						\$403
TOTAL	\$9,414	\$105	\$5,643	\$3,668						\$9,414

**2016 Regional Transportation Improvement Program
Amendment No. 2 - Administrative Modification
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN11A		RTIP #:16-02
Project Title:	Regional Rideshare Program	SANDAG ID: 33105, 33107
Project Description:	Countywide - Component of overall regional Transportation Demand Management. Toll Credits will be used to match federal funds for the CON phase	
Change Reason:	Change project description	
	Capacity Status:NCI Exempt Category:Air Quality - Ride-sharing and van-pooling program	

Est Total Cost: **\$34,431**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
CMAQ	\$34,431		\$6,176	\$6,719	\$6,984	\$7,181	\$7,373			\$34,431
TOTAL	\$34,431		\$6,176	\$6,719	\$6,984	\$7,181	\$7,373			\$34,431

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
CMAQ	\$34,431		\$6,176	\$6,719	\$6,984	\$7,181	\$7,373			\$34,431
TOTAL	\$34,431		\$6,176	\$6,719	\$6,984	\$7,181	\$7,373			\$34,431

**2016 Regional Transportation Improvement Program
Amendment No. 2 - Administrative Modification
San Diego Region (in \$000s)**

RTIP Fund Types

<i>Federal Funding</i>	
CMAQ	Congestion Mitigation and Air Quality
HES	Hazard Elimination System (administered by Caltrans)
HSIP	Highway Safety Improvement Program
CMAQ/RSTP Conversion	Reimbursement of advanced federal funds which have been advanced with local funds in earlier years
IRI	Intercity Rail Improvement (State Prop. 1B)
<i>Local Funding</i>	
Local Funds AC	Local Funds - Advanced Construction; mechanism to advance local funds to be reimbursed at a later fiscal year with federal/state funds

SANDAG 2016 RTIP

Amendment No. 2

Summary of Changes

February 24, 2017

Summary of Changes 2016 RTIP - Amendment No. 2

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Caltrans	CAL105	Grouped Projects for Highway Safety Improvement - HSIP Program	39%	\$3,707,330	\$9,414,360	\$13,121,690	Increase funding
San Diego Association of Governments	SAN11A	Regional Rideshare Program	0%	\$0	\$34,431,000	\$34,431,000	Change project description
			Total	\$3,707,330	\$43,845,360	\$47,552,690	

SANDAG 2016 RTIP

Amendment No. 2

Grouped Project Listings

February 24, 2017

Highway Safety Improvement Program (HSIP) (CAL105) 2017 FTIP/ 2016 RTIP Back-Up List for San Diego Association of Governments Through Amendment No. 2

Unique Project ID	MPO ID	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2016/17	Federal Funds Programmed in 2017/18	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20
HSIP7-11-001	CAL409	11	Chula Vista	SANDAG	At Broadway/F street and Broadway/G Street	Provide protected left-turn phases	\$ 517,000	\$ 517,000	\$	\$ 67,000	\$ 450,000	\$	\$	\$
HSIP7-11-002	CAL410	11	Chula Vista	SANDAG	At 4 intersections: H Street / Oaklawn Ave, Fourth Ave / Park Way, Fourth Ave / Davidson St, H Street / Woodlawn Ave	Install pedestrian crossing and protected left-turn phase	\$ 437,300	\$ 437,300	\$	\$ 58,000	\$ 379,300	\$	\$	\$
HSIP7-11-003	CAL411	11	Chula Vista	SANDAG	On Palomar St between Industrial Blvd to Broadway	Install Bike Lanes and sidewalks	\$ 430,100	\$ 387,090	\$ 43,010	\$ 60,300	\$ 326,790	\$	\$	\$
HSIP7-11-004	CAL412	11	El Cajon	SANDAG	Washington Ave. between Jamacha Rd. and El Cajon Blvd.; Chase Ave. between Anza St. and Johnson Ave.; El Cajon Blvd. between Boulevard Pl. and Main St.; Main St. between Travelodge Dr. and Magnolia Ave.	Installation of a traffic signal interconnect fiber optic cable system to implement coordination timing and the installation of street lighting	\$ 1,039,500	\$ 1,039,500	\$	\$ 74,000	\$ 965,500	\$	\$	\$
HSIP6-11-007	CAL347	11	Escondido	SANDAG	E El Norte Parkway/N Fig St, E Valley Parkway/N Date St	Install traffic signals	\$ 688,700	\$ 619,600	\$ 69,100	\$ 54,990	\$	\$	\$ 564,610	\$
HSIP6-11-008	CAL348	11	La Mesa	SANDAG	On Spring St between Center St and Lemon Ave, Various location on El Cajon Blvd	Construct sidewalk; Upgrade traffic signals (interconnect); Install pedestrian countdown heads	\$ 1,312,230	\$ 1,077,450	\$ 234,780	\$ 170,250	\$	\$	\$ 907,200	\$
HSIP6-11-009	CAL349	11	La Mesa	SANDAG	On Fletcher Parkway between Baltimore Dr and Dallas St, on Baltimore Dr between Fletcher Parkway and City Hall	Upgrade traffic signals (interconnect); install pedestrian countdown signal heads	\$ 730,000	\$ 630,000	\$ 100,000	\$ 60,000	\$	\$	\$ 570,000	\$
HSIP7-11-005	CAL413	11	La Mesa	SANDAG	Signalized intersections on the following corridors: Amaya Dr, Baltimore Dr, Center Dr, El Cajon Blvd, Grossmont Center Dr, Jackson Dr, La Mesa Blvd, Lake Murray Blvd, Murray Dr, Spring St, and University Ave	Upgrade fiber optic traffic signal interconnect system including installation of: cable, controllers, BBS, monitoring devices, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$ 904,900	\$ 904,900	\$	\$ 75,000	\$	\$ 829,900	\$	\$
HSIP7-11-006	CAL414	11	National City	SANDAG	Signalized intersections along the following corridors within City limits: 8th Street, 18th Street, Division Road, Euclid Avenue, Mile of Cars Way, Palm Avenue, and Plaza Boulevard.	Upgrade fiber optic traffic signal communication system including installation of: conduit, cable, radios, controllers, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$ 475,100	\$ 455,100	\$ 20,000	\$	\$ 455,100	\$	\$	\$
HSIP7-11-007	CAL415	11	National City	SANDAG	Signalized Intersections on the following corridors: D Ave, Euclid Ave, Highland Ave, National City Blvd, Palm Ave, Plaza Blvd, Sweetwater Rd Midblock crosswalk locations citywide	Install LED luminaire safety lighting at signalized intersections and pedestrian level LED street lighting at midblock crosswalks with additional pedestrian safety enhancements at select midblock locations	\$ 724,700	\$ 625,230	\$ 99,470	\$	\$	\$ 625,230	\$	\$

Highway Safety Improvement Program (HSIP) (CAL105) 2017 FTIP/ 2016 RTIP Back-Up List for San Diego Association of Governments Through Amendment No. 2

Unique Project ID	MPO ID	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2016/17	Federal Funds Programmed in 2017/18	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20
HSIP7-11-008	CAL416	11	National City	SANDAG	At the intersections of National City Blvd & 30th St, Plaza Blvd & N Ave, Plaza Blvd & Harbison Ave, Euclid Ave & 16th St, Euclid Ave & 18th St, 30th St & L Ave, Sweetwater Rd & Prospect St, Sweetwater Rd & Ring Rd.	Installing pedestrian crossings at signalized intersections and necessary related access and equipment improvements.	\$ 261,200	\$ 243,200	\$ 18,000	\$	\$ 243,200	\$	\$	\$
HSIP7-11-009	CAL417	11	Oceanside	SANDAG	On Douglas Drive between approximately 300 feet south of Westport Drive and 250 feet north of Via Cibola.	Install a raised median from 300 ft. south of Westport Dr to 250 ft. north of Festival Dr, and raised median islands on the approaches of two non-signalized intersections along Douglas Dr at Corte Bocina and at Via Cibola.	\$ 778,700	\$ 700,830	\$ 77,870	\$ 45,000	\$	\$ 655,830	\$	\$
HSIP7-11-010	CAL418	11	San Diego County	SANDAG	Wintergardens Blvd. from Woodside Ave to Lemoncrest Dr in the unincorporated community of Lakeside in San Diego County.	Construct sidewalk, curb, gutter, curb ramps, driveways, bike lanes, stripes, pavement markings and a traffic signal modification	\$ 741,000	\$ 607,440	\$ 133,560	\$	\$	\$ 607,440	\$	\$
HSIP5-11-017	CAL316	11	San Marcos	SANDAG	Various locations throughout the city	Install safety lighting	\$ 446,500	\$ 401,800	\$ 44,700	\$ 18,000	\$ 383,800	\$	\$	\$
HSIP6-11-016	CAL340	11	San Marcos	SANDAG	10 intersections throughout San Marcos	Upgrade traffic signals: hardware, vehicle detection systems and other safety improvements	\$ 500,000	\$ 450,000	\$ 50,000	\$ 45,000	\$ 405,000	\$	\$	\$
HSIP6-11-018	CAL342	11	Santee	SANDAG	On Mission Gorge Rd between Riverview Parkway and 1st Ave	Install raised median	\$ 780,000	\$ 702,000	\$ 78,000	\$ 97,000	\$	\$ 605,000	\$	\$
HSIP7-11-011	CAL419	11	Santee	SANDAG	Mission Gorge Road from SR 52 westbound on-ramp to Carlton Hills Boulevard	Install streetlights	\$ 365,500	\$ 365,500	\$	\$	\$ 365,500	\$	\$	
HSIP7-11-012	CAL420	11	Santee	SANDAG	Around Santana High School on Mast Boulevard from Park Center Drive to Grand Teton Way, Magnolia Avenue from Mast Boulevard to 2nd Street, 2nd Street from Magnolia Avenue to Cleary Street	Install streetlights	\$ 518,200	\$ 518,200	\$	\$	\$	\$ 518,200	\$	\$
HSIP6-11-019	CAL343	11	Vista	SANDAG	On E Vista Way between Fire Station 6 and Williamston St	Install raised median; modify striping	\$ 529,900	\$ 476,900	\$ 53,000	\$ 49,500	\$	\$	\$ 427,400	\$
HSIP6-11-020	CAL344	11	Vista	SANDAG	Various locations throughout Vista	Upgrade traffic signals (interconnect)	\$ 941,160	\$ 866,860	\$ 74,300	\$ 108,674	\$ 758,186	\$	\$	\$
Total (SANDAG)							\$ 13,121,690	\$ 12,025,900	\$ 1,095,790	\$ 982,714	\$ 4,732,376	\$ 3,841,600	\$ 2,469,210	\$ -