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July 28, 2017

File Number 1500300

Bruce De Terra, Division Chief
Division of Transportation Programming
Attention: Mr. Muhaned Aljabiry
Office of Federal Transportation Management Program
P.O. Box 942874, Mail Station 82
Sacramento, CA 94274-0001

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- San Diego County Water Authority
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Dear Mr. Aljabiry:

SUBJECT: Transmittal of Administrative Modification No. 7 to the 2016 Regional Transportation Improvement Program for the San Diego Association of Governments

The following Administrative Modification No. 7 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 SANDAG Board of Directors approved the action at their meeting on July 28, 2017.

This administrative modification includes changes to three projects within San Diego County and includes an update to a grouped project listing for the State Highway Operation and Protection Program (SHOPP). This administrative modification replaces local funding with programming capacity in the amount of \$45 million that relies on the state's federal programming capacity. Our next amendment will update the financial information to reflect actual funding to support the added programming capacity.

The project changes and additions in Administrative Modification No. 7 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 sue.alpert@sandag.org.

Sincerely,

SUE ALPERT
Associate Project Control Analyst

SALP/pro

Attachments:

- 1. SANDAG Board of Directors Staff Report**
- 2. List of Projects for Amendment No. 7**
- 3. Summary of Changes for Amendment No. 7**
- 4. List of Grouped Project Listings for the following:**
 - a. SHOPP Roadway Preservation Program (CAL46E)**



BOARD OF DIRECTORS
JULY 28, 2017

ACTION REQUESTED – **APPROVE**

2016 REGIONAL TRANSPORTATION IMPROVEMENT
PROGRAM: AMENDMENT NO. 7 - 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, which incorporates the SANDAG 2016 RTIP, received federal approval on December 16, 2016.

Recommendation

The Transportation Committee recommends that the Board of Directors approve Amendment No. 7 – 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. Chapter 2 of the adopted 2016 RTIP provides additional details regarding the differences between formal amendments and administrative modifications. Amendment No. 7 is considered an administrative modification because the additional funding for each project, or grouped listing, is less than 40 percent, or \$10 million, which is consistent with the federally accepted administrative modification procedures.

Discussion

SANDAG is processing Amendment No. 7 to the 2016 RTIP as an administrative modification in addition to the regular quarterly amendment to allow Caltrans to obligate federal funds this federal fiscal year. The federal agencies delegated the approval of administrative modifications to the state, thereby streamlining the approval process. Project changes included in this administrative modification are summarized below, with further programming details included in Table 1 (Attachment 1).

Caltrans

Interstate 5 – HOV/Managed Lanes (CAL09) – This amendment proposes to revise Regional Surface Transportation Program funding between phases to pay increased Preliminary Engineering expenses, which will need to be federally obligated this fiscal year. The amendment also proposes to increase *TransNet – Major Corridor* funding in FY 2017 and FY 2018 while decreasing funding in FY 2019 through FY 2021, as approved by the Board of Directors in the FY 2018 Program Budget. Total project cost increases by \$1,290,000, bringing the programmed total to \$543,963,000 with the overall project total cost of \$549,586,000.

Grouped Projects for Pavement Resurfacing and Rehabilitation – SHOPP Roadway Preservation Program (CAL46E) – This amendment proposes to revise funding between fiscal years for this grouped listing as approved by the California Transportation Commission (CTC) at its meeting on June 28, 2017. Total programmed amount remains \$160,866,000.

Various

State Route 11 (V11) – The CTC voted on June 28, 2017, to allocate \$45,000,000 of the state’s share of federal Coordinated Border Infrastructure Program funding for right-of-way acquisition for the State Route 11 Otay Mesa East Port of Entry Project. This amendment proposes to add that funding in FY 2017 for obligation before the end of the federal fiscal year; it also reduces the local funding to offset the new federal funding and to reflect additional right-of-way cost savings. Total project cost decreases by \$16,217,000, bringing the new total to \$688,648,000.

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 generally are based on: (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 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. 7 do not affect the fiscal constraint submitted as part of Amendment No. 4 to the 2016 RTIP, the last federally approved formal amendment that updated the financial capacity for the 2016 RTIP. This administrative modification adds programming capacity that relies on the State’s federal programming capacity. The next amendment will update the financial information to reflect actual funding to support the added programming capacity. 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. 7, 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 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 Federal Transit Administration 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. 7 meet the conformity provisions of the Transportation Conformity Rule (40 CFR §93.122(g)). Capacity increasing projects were included in the quantitative emissions analysis conducted for the Regional Plan and 2016 RTIP. All other projects not included in the air quality conformity analysis are either non-capacity increasing or are exempt from the requirement to determine conformity per the Transportation Conformity Rule (40 CFR §93.126). SANDAG followed interagency consultation procedures to determine which projects are exempt. Amendment No. 7 does not interfere with the timely implementation of Transportation Control Measures. The 2016 RTIP, including Amendment No. 7, remains in conformance with the SIP.

GARY L. GALLEGOS
Executive Director

Attachment: 1. Table 1: 2016 Regional Transportation Improvement Program – Amendment No. 7 –
Administrative Modification

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

Table 1
2016 Regional Transportation Improvement Program
Amendment No. 7
San Diego Region (in \$000s)

Caltrans

MPO ID: CAL09		RTIP #:16-07								
Project Title:	Interstate 5 - HOV/Managed Lanes							EA NO: 235800		
Project Description:	From La Jolla Village Dr. to Harbor Dr. - construct High Occupancy Vehicle (HOV)/Managed Lanes on I-5; construct Phase 1: Construct HOV from Lomas Santa Fe to Birmingham and replace San Elijo Bridge; Construct Phase 2: construct HOV lanes from Birmingham to SR78; Construct Phase 3: Soundwalls on private property from Manchester to SR-78. Toll Credits will be used to match federal funds for the ROW phase, Toll Credits will be used to match federal funds for the CON phase							PPNO: 0615, 0615CDE RTP PG NO: A-16, B-30 SANDAG ID: 1200501, 1200504 EARMARK NO: CA653, CA676		
Change Reason:	Increase funding, Revise funding between phases									
RT:5	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$549,586		Open to Traffic: Phase 1: Sep 2020			Phase 2: Sep 2021			Phase 3: Sep 2021		
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$157,840	\$120,585	\$26,403	\$4,870	\$2,545	\$2,267	\$1,171	\$114,152	\$22,297	\$21,391
TransNet - MC AC	\$0	\$144,803		\$(27,525)	\$(63,150)	\$(54,128)				
CBI	\$416	\$416						\$416		
CMAQ	\$58,287	\$32,315	\$25,972					\$23,515	\$8,800	\$25,972
CMAQ - Conversion	\$74,592			\$21,003	\$26,547	\$27,042				\$74,592
EARREPU	\$1,220		\$1,220					\$1,220		
IM	\$3,886	\$3,886						\$3,886		
RSTP	\$63,189	\$32,557	\$30,631					\$40,991	\$6,106	\$16,092
RSTP - Conversion	\$70,211			\$6,522	\$36,603	\$27,086				\$70,211
STP	\$751	\$751						\$751		
STIP-RIP AC	\$112,943	\$68,943					\$44,000	\$9,561		\$103,382
STIP-RIP State Cash	\$628	\$628						\$628		
TOTAL	\$543,963	\$404,884	\$84,226	\$4,870	\$2,545	\$2,267	\$45,171	\$195,120	\$37,203	\$311,640

* \$5.324M programmed in CAL46A; \$299K provided outside of the RTIP

PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$156,550	\$120,585	\$25,279	\$3,573	\$3,045	\$2,767	\$1,302	\$110,112	\$38,292	\$8,146
TransNet - MC AC	\$0	\$144,803		\$(27,525)	\$(63,151)	\$(54,128)				
CBI	\$416	\$416						\$416		
CMAQ	\$58,287	\$32,315	\$25,972					\$23,515	\$8,800	\$25,972
CMAQ - Conversion	\$74,427			\$21,003	\$26,547	\$26,877				\$74,427
EARREPU	\$1,220		\$1,220					\$1,220		
IM	\$3,886	\$3,886						\$3,886		
RSTP	\$63,189	\$32,557	\$30,631					\$31,987	\$15,110	\$16,092
RSTP - Conversion	\$70,376			\$6,522	\$36,603	\$27,251				\$70,376
STP	\$751	\$751						\$751		
STIP-RIP AC	\$112,943	\$68,943					\$44,000	\$9,561		\$103,382
STIP-RIP State Cash	\$628	\$628						\$628		
TOTAL	\$542,673	\$404,884	\$83,102	\$3,573	\$3,044	\$2,767	\$45,302	\$182,076	\$62,202	\$298,395

**2016 Regional Transportation Improvement Program
Amendment No. 7
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL46E			RTIP #:16-07							
Project Title:	Grouped Projects for Pavement Resurfacing and/or Rehabilitation - SHOPP Roadway Preservation Program									
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories – pavement resurfacing and/or rehabilitation, emergency relief (23 USC 125), widening narrow pavements or reconstructing bridges (no additional travel lanes)									
Change Reason:	Revise Lump Sum List - No Change To Programming									
Capacity Status:NCI			Exempt Category:Safety - Pavement resurfacing and/or rehabilitation							
Est Total Cost: \$160,866										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdway Presrv NHS	\$160,866		\$50,878	\$41,118	\$5,821	\$63,049				\$160,866
TOTAL	\$160,866		\$50,878	\$41,118	\$5,821	\$63,049				\$160,866
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdway Presrv NHS	\$160,866		\$50,878	\$12,035	\$34,904	\$63,049				\$160,866
TOTAL	\$160,866		\$50,878	\$12,035	\$34,904	\$63,049				\$160,866

**2016 Regional Transportation Improvement Program
Amendment No. 7
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V11		RTIP #:16-07								
Project Title:	State Route 11							EA NO: 05631		
Project Description:	From Border of Mexico east of SR 905/Otay Mesa Border Crossing to future SR 125/905 junction - Construction of four-lane toll highway facility, CVEF and POE in three segments: Segment 1: SR-11/905 to Enrico Fermi; Segment 2: SR-11 from Enrico Fermi to Siempre Viva; Segment 3: POE from Siempre Viva to Mexico Border; Segment 1 is fully funded through Construction phase . Toll Credits will be used to match federal funds for the PE phase, Toll Credits will be used to match federal funds for the ROW phase							PPNO: 0999 RTP PG NO: A-6; B-5 SANDAG ID: 1201101 EARMARK NO: CA393/740		
Change Reason:	Reduce funding, Revise Fund Source									
RT:11	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$688,648		Open to Traffic: Phase 1: Apr 2016			Phase 2: Nov 2020		Phase 3: Nov 2020			
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - Border	\$6,488		\$3,105	\$3,383					\$6,488	
TransNet - MC	\$4,343	\$68	\$3,929	\$346				\$4,343		
CBI	\$125,395	\$80,395	\$45,000					\$29,700	\$95,695	
HPP	\$800	\$800						\$800		
ITS	\$439	\$439						\$439		
Prop 1B - TCIF	\$71,625	\$71,625								\$71,625
STIP-IIP NHS	\$6,882	\$6,882						\$6,882		
STIP-IIP Prior State Cash	\$5,200	\$5,200						\$5,200		
STIP-IIP State Cash	\$919	\$919						\$919		
Local Funds	\$466,557			\$61,000	\$405,557			\$5,657		\$460,900
TOTAL	\$688,648	\$166,328	\$52,034	\$64,729	\$405,557			\$53,940	\$102,183	\$532,525
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - Border	\$6,488	\$4,606	\$1,773	\$109					\$6,488	
TransNet - MC	\$4,343	\$382	\$3,961					\$4,343		
CBI	\$80,395	\$80,395						\$29,700	\$50,695	
HPP	\$800	\$800						\$800		
ITS	\$439	\$439						\$439		
Prop 1B - TCIF	\$71,625	\$71,625								\$71,625
STIP-IIP NHS	\$6,882	\$6,882						\$6,882		
STIP-IIP Prior State Cash	\$5,200	\$5,200						\$5,200		
STIP-IIP State Cash	\$919	\$919						\$919		
Local Funds	\$527,774			\$96,000	\$431,774			\$5,657	\$61,217	\$460,900
TOTAL	\$704,865	\$171,248	\$5,734	\$96,109	\$431,774			\$53,940	\$118,400	\$532,525

**2016 Regional Transportation Improvement Program
Amendment No. 7
San Diego Region (in \$000s)**

RTIP Fund Types

<u>Federal Funding</u>	
BIP/CBI	Border Infrastructure Program/Corridors and Borders Infrastructure Program
CMAQ	Congestion Mitigation and Air Quality
DEMO-Sec 117/STP	Surface Transportation Program under FHWA Administrative Program (congressionally directed appropriations)
HPP	High Priority Program under SAFETEA-LU
ITS	Intelligent Transportation System
NHS	National Highway System (administered by Caltrans)
RSTP	Regional Surface Transportation Program
STP-RL	Surface Transportation Program - Highway Railway Crossings Program (Section 130)
CMAQ/RSTP Conversion	Reimbursement of advanced federal funds which have been advanced with local funds in earlier years
<u>State Funding</u>	
STIP-IIP	State Transportation Improvement Program - Interregional Program
STIP-RIP	State Transportation Improvement Program - Regional Improvement Program
TCIF	Trade Corridor Improvement Fund (State Prop. 1B)
<u>Local Funding</u>	
TransNet-Border	Prop. A Extension Local Transportation Sales Tax - Border
TransNet-MC	Prop. A Extension Local Transportation Sales Tax - Major Corridors
TransNet-MC AC	TransNet - Major Corridors - Advanced Construction; mechanism to advance TransNet funds to be reimbursed at a later fiscal year with federal/state funds

SANDAG 2016 RTIP

Amendment No. 7

Summary of Changes

**Summary of Changes
2016 RTIP - Amendment No. 7**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Caltrans	CAL09	Interstate 5 - HOV/Managed Lanes	0%	\$1,289,805	\$542,673,529	\$543,963,334	Increase funding, Revise funding between phases
Caltrans	CAL46E	Grouped Projects for Pavement Resurfacing and/or Rehabilitation - SHOPP Roadway Preservation Program	0%	\$0	\$160,866,000	\$160,866,000	Lump sum revision
Various Agencies	V11	State Route 11	-2%	-\$16,217,000	\$704,865,000	\$688,648,000	Reduce funding, Revise Fund Source
			Total	-\$14,927,195	\$1,408,404,529	\$1,393,477,334	

SANDAG 2016 RTIP

Amendment No. 7

Grouped Project Listings

**Grouped Projects for Safety Improvements -
Roadway Preservation Program (CAL46E)
Through Amendment No. 7**

Project ID	Lead Agency	Project Location	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL359	Caltrans	Route 8 between west of Lake Murray Blvd and Johnson Avenue	San Diego, La Mesa, and El Cajon - I-8 Pavement Rehab	In the cities of San Diego, La Mesa, and El Cajon, from west of Lake Murray Boulevard to Johnson Avenue. Pavement rehabilitation.	\$0	\$22,904,000	\$0	\$0	\$0	\$0	\$22,904,000
CAL394	Caltrans	Route between n/a and n/a	In various cities, at various locations	In various cities, at various locations. Upgrade existing guide signs to current standards.	\$0	\$14,531,000	\$0	\$0	\$0	\$0	\$14,531,000
CAL395	Caltrans	Route between n/a and n/a	San Diego County Sign Upgrades	In various cities, at various locations. Upgrade existing guide signs to current standards.	\$0	\$13,443,000	\$0	\$0	\$0	\$0	\$13,443,000
CAL421	Caltrans	Route between n/a and n/a	In San Diego County - On various routes at various locations.	In San Diego County, on various routes at various locations. Culvert Rehabilitation.	\$0	\$0	\$0	\$5,821,000	\$0	\$0	\$5,821,000
CAL423	Caltrans	Route 78 between west of North Broadway and Teepee Drive	In and near Escondido, west of North Broadway to Teepee Drive.	(PM N17.6/R21.4); Pavement Rehabilitation.	\$0	\$0	\$0	\$0	\$29,648,000	\$0	\$29,648,000
CAL424	Caltrans	Route 52 between Route 805 and west of Convoy Street	In the city of San Diego on Route 52.	In the city of San Diego, from Route 805 to west of Convoy Street-Pavement rehabilitation	\$0	\$0	\$18,390,000	\$0	\$0	\$0	\$18,390,000
CAL425	Caltrans	Route 805 between Mira Mesa Blvd. and North of Route 5	In the city of San Diego on Route 805.	In the city of San Diego, from Mira Mesa Boulevard to north of Route 5 - Pavement rehabilitation	\$0	\$0	\$10,693,000	\$0	\$0	\$0	\$10,693,000
CAL426	Caltrans	Route between Spring Street and Route 54	In the city of San Diego, from Spring to Route 54.	(PM R10.4/14.9); Pavement Rehabilitation.	\$0	\$0	\$0	\$0	\$14,775,000	\$0	\$14,775,000
CAL442	Caltrans	Route between 0.7 mile west of Flinn Springs UC and 0.2 mile east of Crestwood Rd UC	In San Diego County - Flinn Springs Rd UC to Crestwood Rd UC.	In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing. Rehabilitate culverts and energy dissipaters. PM: R23.0 / R61.3	\$0	\$0	\$0	\$0	\$18,626,000	\$0	\$18,626,000
CAL443	Caltrans	Route between 0.3 mile north of Lomas Santa Fe Drive Undercrossing and 0.2 mile north of Agua Hedionda Lagoon Bridge	In San Diego County, from north of Lomas Santa Fe Drive Undercrossing to north of Agua Hedionda Lagoon Bridge	In San Diego County, from 0.3 mile north of Lomas Santa Fe Drive Undercrossing to 0.2 mile north of Agua Hedionda Lagoon Bridge. Rehabilitate culverts. The project will be combined with I-5 NCC HOV Extension Phase 1 11-2T210, PPNO 0615C (STIP) for construction. (PM: R37.7 / R48.9)	\$0	\$0	\$12,035,000	\$0	\$0	\$0	\$12,035,000
Total					\$0	\$50,878,000	\$41,118,000	\$5,821,000	\$63,049,000	\$0	\$160,866,000