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April 27, 2018

File Number 1500300

Mr. 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

Dear Mr. Aljabiry:

SUBJECT: Transmittal of Amendment No. 12 to the 2016 Regional
Transportation Improvement Program for the San Diego Association
of Governments

The following Amendment No. 12 to the 2016 Regional Transportation
Improvement Program (RTIP) for the San Diego Association of Governments
(SANDAG) is being transmitted to you for state and federal approval.
The Transportation Committee approved Resolution No. 2018-17, approving
this amendment, at its meeting on April 20, 2018. The Board of Directors
ratified this action at its April 27, 2018, meeting.

This amendment includes changes to 37 projects within San Diego County, and
includes, but is not limited to, updates to various grouped project listings for
the State Highway Operation and Protection Program (SHOPP); Rehabilitation
or Reconstruction of Track Structures, Track, and Track bed in Existing
Rights-of-Way – Coastal Rail Corridor; Bicycle and Pedestrian Facilities – Coastal
Rail Trail and North Park/Mid-City Bikeways; *TransNet* Bicycle and Pedestrian
Facilities; and Active Transportation Program.

SANDAG certifies that projects in this amendment are not included in any
other amendment that currently is open for public review. Also, as part of the
SANDAG Public Participation Policy, SANDAG transmitted the draft
Amendment No. 12 to interested parties for a 15-day public review period
between March 27, 2018 and April 17, 2018. No comments were received.
Resolutions for changes to *TransNet* programming were received from all local
agencies certifying that a public hearing was held.

The project changes and additions in Amendment No. 12 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.

MEMBER AGENCIES

- Cities of
- Carlsbad
- Chula Vista
- Coronado
- Del Mar
- El Cajon
- Encinitas
- Escondido
- Imperial Beach
- La Mesa
- Lemon Grove
- National City
- Oceanside
- Poway
- San Diego
- San Marcos
- Santee
- Solana Beach
- Vista
- and
- County of San Diego

ADVISORY MEMBERS

- Imperial County
- California Department
of Transportation
- Metropolitan
Transit System
- North County
Transit District
- United States
Department of Defense
- San Diego
Unified Port District
- San Diego County
Water Authority
- Southern California
Tribal Chairmen's Association
- Mexico

The SANDAG Board of Directors voted on January 26, 2018, to support the 2018 statewide safety targets established by Caltrans for the federal highway safety performance measures established by The Moving Ahead for Progress in the 21st Century Act. The projects contained within Amendment No. 12 have been developed in accordance with the applicable provisions and requirements of 23 CFR Part 450 and are expected to support the achievement of these targets. These targets will be achieved through the implementation of investments in transportation projects such as SHOPP Mobility, SHOPP Collision Reduction, SHOPP Bridge Preservation, SHOPP Roadway Preservation, SHOPP Mandates, Local Pavement Rehabilitation, and Bicycle projects included in this amendment.

The projects contained within Amendment No. 12 to the 2016 RTIP are fiscally constrained based upon available or committed funding and/or reasonable estimates of future funding. An electronic version of the fiscal constraint table has been sent via email to Caltrans staff.

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/fwe

- Enclosures:
1. Transportation Committee Staff Report
 2. Resolution No. 2018-17
 3. List of Projects for Amendment No. 12
 4. Summary of Changes for Amendment No. 12
 5. List of Grouped Project Listings for the following:
 - a. Highway Bridge Program (CAL44)
 - b. Highway Safety Improvement Program (CAL105)
 - c. Bicycle and Pedestrian Facilities – Bayshore Bikeway (SAN147)
 - d. Bicycle and Pedestrian Facilities – Coastal Rail Trail (SAN148)
 - e. Bicycle and Pedestrian Facilities – Uptown Bikeways (SAN228)
 - f. *TransNet* Bicycle and Pedestrian Facilities (V12)
 - g. Active Transportation Program (V14)



TRANSPORTATION COMMITTEE
APRIL 20, 2018

ACTION REQUESTED: ADOPT

2016 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM: AMENDMENT NO. 12

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 is asked to adopt Resolution No. 2018-17, in substantially the same form as shown in Attachment 1, approving Amendment No. 12 to the 2016 Regional Transportation Improvement Program.

Background

SANDAG generally processes amendments to the RTIP on a quarterly basis, but occasionally more frequently as circumstances arise. SANDAG is processing Amendment No. 12 to the 2016 RTIP as part of its quarterly amendment cycle to include requests for changes by member agencies.

TransNet Independent Taxpayer Oversight Committee

The Independent Taxpayer Oversight Committee, which is an independent citizen oversight committee, reviewed the *TransNet*-funded projects included in Amendment No. 12 on April 11, 2018. No comments were received.

Public Notice/Resolutions

To remain consistent with the SANDAG Public Participation Policy, SANDAG transmitted the draft Amendment No. 12 to interested parties for a 15-day public review period on March 27, 2018, closing on April 17, 2018. As of the date of this report, no comments were received.

Discussion

The following summarizes the changes proposed in this amendment, in alphabetical order, with additional details included in Table 1 (Attachment 2). Funds referred to as Local Funds are those which are available to local agencies through various formula based tax revenues or local developer fees. These funds are not required to be programmed unless added to a project included in the RTIP.

California Department of Transportation (Caltrans)

Interstate 5 – High Occupancy Vehicle/Managed Lanes (CAL09) – This amendment proposes to revise *TransNet* – Major Corridor (MC), *TransNet* – MC Advanced Construction (MC AC) and federal Regional Surface Transportation Program (RSTP) Conversion funding between fiscal years. The programmed total remains at \$543,963,000 with the overall project total cost of \$934,486,000.

The California Transportation Committee (CTC) approved the 2018 State Highway Operation and Protection Program (SHOPP) at its March meeting. Phases with funding in the first two fiscal years of the new SHOPP listings (FY 2019 and FY 2020) are included in this amendment as detailed below.

Grouped Projects for Safety Improvements – SHOPP Mobility Program (CAL46A) – This amendment proposes to revise SHOPP – Mobility funding between fiscal years for this grouped listing. Total programmed amount remains at \$59,459,000.

Grouped Projects for Safety Improvements – SHOPP Collision Reduction Program (CAL46B) – This amendment proposes to add SHOPP – Roadside Preservation National Highway System (NHS) funding and increase SHOPP – Collision Reduction (CR) – NHS funding in FY 2019 and FY 2020 in this grouped listing. Total programmed amount increases by \$10,831,000, bringing the new total to \$123,657,000.

Grouped Projects for Bridge Preservation (CAL46D) – This amendment proposes to increase SHOPP – Bridge Preservation funding in FY 2019 for this grouped listing. Total programmed amount increases by \$28,130,000, bringing the new total to \$82,442,000.

Grouped Projects for Pavement Resurfacing and/or Rehabilitation – SHOPP Roadway Preservation Program (CAL46E) – This amendment proposes to increase SHOPP – Roadway Preservation NHS funding in FY 2019 and FY 2020 for this grouped listing. Total programmed amount increases by \$2,642,000, bringing the new total to \$179,868,000.

Grouped Projects for Safety Improvements – SHOPP Mandates Program (CAL46I) – This amendment proposes to reduce SHOPP – Mandates funding in FY 2018 while increasing the same fund source in FY 2019 and FY 2020 in this grouped listing. Total programmed amount increases by \$9,700,000, bringing the new total to \$45,022,000.

Interstate 5 – Genesee Interchange and Widening (CAL75) – This amendment proposes to reduce and revise *TransNet* – MC funding and increase federal RSTP funding in FY 2019. The programmed total remains at \$101,324,000, with the overall project total cost of \$116,435,000.

Interstate 805 South Soundwalls (CAL78D) – This amendment proposes to reflect the conversion of federal RSTP funding in FY 2018 by revising *TransNet* – MC AC and federal RSTP funding between fiscal years. Total programmed amount remains at \$38,289,000.

SHOPP Multiple Objective – Asset Management Pilot Project (CAL483) – This amendment proposes to add this new project to the 2016 RTIP which was approved by the CTC in the 2018 SHOPP. This project provides a variety of improvements to Interstate 5 from Sorrento Valley Road to Del Mar Heights Road including rumble strips on both shoulders, fiber optic cable and closed-circuit television cameras and rehabilitation for a bike path and culverts. Total programmed amount is \$1,815,000, with the overall project total cost of \$6,317,000.

City of Chula Vista

Pavement Rehabilitation (CHV06) – This amendment proposes to reduce *TransNet* – Local Street Improvement (LSI) in FY 2019 through FY 2021 to align with Board-approved revised *TransNet* revenue estimates. This amendment also proposes to reduce *TransNet* – LSI Carry Over in FY 2017. Total programmed amount decreases by \$278,000, bringing the new total to \$24,542,000.

Traffic Monitoring Program (CHV45) – This amendment proposes to increase *TransNet* – Local Street and Roads (L) (Cash) in FY 2018. Total programmed amount increases by \$13,000, bringing the new total to \$1,379,000.

Pavement Major Rehabilitation (CHV48) – This amendment proposes to increase *TransNet* – LSI (Cash) in FY 2018 and reduce *TransNet* – LSI in FY 2019 through FY 2021 to align with revised revenue estimates. Total programmed amount decreases by \$521,000, bringing the new total to \$38,532,000.

City of Encinitas

Street Overlay Program (ENC14A) – This amendment proposes to increase *TransNet* – LSI Carry Over in FY 2017 and reduce *TransNet* – LSI in FY 2019 through FY 2021 to align with revised revenue estimates. Total programmed amount decreases by \$165,000, bringing the new total to \$28,656,000.

Safe Routes to School Sidewalk Program (ENC17) – This amendment proposes to reduce *TransNet* – LSI and *TransNet* – LSI Carry Over in FY 2017. Total programmed amount decreases by \$84,000, bringing the new total to \$5,411,000.

Traffic Signal Modifications (ENC28) – This amendment proposes to increase *TransNet* – LSI Carry Over in FY 2017. Total programmed amount increases by \$15,000, bringing the new total to \$927,000.

City of La Mesa

West La Mesa Pedestrian and Bicycle Connectivity Project (LAM48) – This amendment proposes to add *TransNet* – Commercial Paper, as approved by the Board of Directors at its December 15, 2017, meeting, in order to fully fund this project. This amendment also proposes to remove this project from the grouped listing V14, as discussed below, and program as a stand-alone project. Total programmed amount increases by \$2,000,000, bringing the new total to \$5,351,000.

City of Lemon Grove

Lemon Grove Avenue Realignment Project (LG13) – This amendment proposes to increase Local Regional Transportation Congestion Improvement Program funding in FY 2018, while reducing and revising *TransNet* – LSI Carry Over funding. Total programmed amount increases by \$45,000, bringing the new total to \$4,010,000.

Traffic Improvements (Preventive Maintenance) (LG14) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2017 and FYs 2019 through 2021 to align with revised revenue estimates. Total programmed amount decreases by \$115,000, bringing the new total to \$1,104,000.

Storm Drain Rehabilitation (Preventive Maintenance) (LG15) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2018. Total programmed amount decreases by \$1,000, bringing the new total to \$733,000.

Storm Drain Rehabilitation (Congestion Relief) (LG16) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2018. Total programmed amount decreases by \$6,000, bringing the new total to \$1,202,000.

Street Improvements (Preventive Maintenance) (LG17) – This amendment proposes to reduce *TransNet* – LSI and increase *TransNet* – LSI Carry Over funding in FY 2018. Total programmed amount decreases by \$3,000, bringing the new total to \$786,000.

Traffic Improvements (Congestion Relief) (LG18) – This amendment proposes to reduce *TransNet* – LSI and funding in FY 2018. Total programmed amount decreases by \$1,000, bringing the new total to \$332,000.

Street Improvements (Congestion Relief) (LG20) – This amendment proposes to increase *TransNet* – LSI funding in FY 2017 and FY 2018 and decrease *TransNet* – LSI Carry Over funding in FY 2018. Total programmed amount increases by \$18,000, bringing the new total to \$3,813,000.

City of National City

Street Resurfacing Project (NC03) – This amendment proposes to add federal Repurposed Earmark funding and Local funds in FY 2019. Total programmed amount increases by \$765,000, bringing the new total to \$21,545,000.

San Diego Association of Governments

San Elijo Lagoon Double Track (SAN73) – This amendment proposes to increase *TransNet* – MC funding by transferring funding from the Batiquitos Double Track Project (SAN183), which is included in the Coastal Rail Corridor Grouped Listing (SAN114), shown below. Total programmed amount increases by \$4,000,000, bringing the new total to \$77,610,000.

Grouped Projects for Rehabilitation or Reconstruction of Track Structures, Track and Track bed in Existing Rights-of-Way: Coastal Rail Corridor (SAN114) – This amendment proposes to reduce *TransNet* – MC funding to transfer funding to SAN73, as discussed above. Total programmed amount decreases by \$4,000,000, bringing the new total to \$213,916,000.

Downtown Multiuse and Bus Stopover Facility (SAN129) – This amendment proposes to revise *TransNet* – MC funding between fiscal years. Total programmed amount remains at \$45,975,000.

Grouped Projects for Bicycle and Pedestrian Facilities – Coastal Rail Trail (SAN148) – This amendment proposes to revise *TransNet* – Bicycle Pedestrian and Neighborhood Safety (BPNS) funding between fiscal years. Total programmed amount remains at \$33,389,000.

Grouped Projects for Bicycle and Pedestrian Facilities – North Park/Mid-City Bikeways (SAN227) – This amendment proposes to revise *TransNet* – BPNS funding between fiscal years. Total programmed amount remains at \$22,641,000.

San Diego County

Alpine Boulevard Streetscape Improvements (CNTY82) – This amendment proposes to increase *TransNet* – LSI in FY 2018 to fully fund this project. Total programmed amount increases by \$500,000, bringing the new total to \$5,920,000, with a total project cost of \$9,000,000.

Ashwood Street Corridor Improvements (CNTY88) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2018 to transfer to CNTY82, as shown above. Total programmed amount decreases by \$500,000, bringing the new total to \$18,652,000.

San Diego Metropolitan Transit Agency

Senior Disabled Program (MTS33A) – This amendment proposes to reduce *TransNet* – American with Disabilities Act funding in FY 2019 through FY 2021 to align with revised revenue estimates. Total programmed amount decreases by \$41,000, bringing the new total to \$8,613,000.

City of Santee

Santee Rehabilitation and Major Repair Work (SNT04) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2019 through FY 2021 and increase Local funds in the same years to reflect the addition of Senate Bill 1 (SB 1) Local Streets and Roads formula funds. Total programmed amount increases by \$999,000, bringing the new total to \$24,671,000.

Santee Slurry Seal and Roadway Maintenance (SNT22) – This amendment proposes to reduce *TransNet* – LSI funding in FY 2019 through FY 2021 to align with revised revenue estimates and add Local funds in the same years to reflect the addition of SB 1 Local Streets and Roads formula funds. Total programmed amount increases by \$1,097,000, bringing the new total to \$4,205,000.

Various Agencies

State Route 11 (V11) – This amendment proposes to increase federal Corridor Border and Infrastructure funds and state Proposition 1B Trade Corridor Improvement Funds and add federal Infrastructure for Rebuilding America (INFRA, also referenced as FASTLANE) Grant funds in FY 2018 as allocated by the California Transportation Commission in January 2018, and approved by the Board of Directors at its March 2018, meeting. This amendment also proposes to reduce Local Funds in FY 2018 and FY 2019. Total programmed amount decreases by \$6,901,000, bringing the new total to \$681,747,000.

Grouped Projects for Bicycle and Pedestrian Facilities (V12) – This amendment proposes to revise Active Transportation Program – Regional (ATP-R) funding and Local Funds between fiscal years for the Euclid Avenue Bicycle and Pedestrian Enhancements Project included in this grouped listing in order to allocate the funds in FY 2018 instead of FY 2020. Total programmed amount remains at \$36,218,000.

Grouped Projects for Active Transportation Program (ATP) (V14) – This amendment proposes to reduce ATP – R funding and Local Funding to reflect the removal of West La Mesa Pedestrian and Bicycle Connectivity Project (LAM48) from this grouped listing to program as a stand-alone project, as discussed above. This amendment also includes the addition of the Rock Springs Road Safe Routes to School Sidewalks and Bike Lanes (CNTY93) Project, which was awarded ATP funds in

September 2017. Total programmed amount decreases by \$1,634,000, bringing the new total to \$47,545,000.

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 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 Board approved (February 2018) short-term revenue forecasts for the *TransNet* Program; and (4) the planning and programming documents of the local transportation providers.

Tables 2a through 2c (Attachment 3) provide updated program summaries, including a comparison from the prior approved version. (Chapter 4 of the Final 2016 RTIP discusses, in detail, the financial capacity analysis of major program areas including a discussion of available revenues.) Highlighting in the attachment indicates a change from the previous report. Based upon the analysis, the projects contained within the 2016 RTIP, including Amendment No. 12, are 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 (FHWA) and the Federal Transit Administration (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. 12 meet the conformity provisions of the Transportation Conformity Rule (40 CFR §93.122(g)). All capacity increasing projects in Amendment No. 12 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 in accordance with the Transportation Conformity Rule (40 CFR §93.126). SANDAG followed interagency consultation procedures to determine which projects are exempt. Amendment No. 12 does not interfere with the timely implementation of Transportation Control Measures. The 2016 RTIP, including Amendment No. 12, remains in conformance with the SIP.

Performance Management Analysis

The Moving Ahead for Progress in the 21st Century Act (MAP-21) included provisions for the establishment of a performance and outcome-based program, which includes national performance goals for the Federal-Aid Highway Program in several areas. Signed into law on December 5, 2015, the Fixing America's Surface Transportation Act continues MAP-21's overall performance Management Approach. The FHWA has issued three rules related to performance management. The performance management 1 (PM 1) rule focuses on safety.

After the two-year phase-in date for highway safety performance measures of May 27, 2018, FHWA and the FTA may only determine conformity of a Transportation Improvement Plan that has been developed according to the provisions and requirements of 23 CFR Part 450.

Metropolitan Planning Organizations (MPOs) are required to establish targets specific to the MPO planning area for five safety performance measures for all public roads in the MPO planning area, or support the statewide safety targets established by Caltrans. On January 26, 2018, the SANDAG Board of Directors voted to approve supporting the 2018 statewide safety targets. In preparation for development of the 2018 RTIP, on January 16, 2018, SANDAG began collecting information on planned investments in the RTIP to improve safety on all public roads. The 2016 RTIP Amendment No. 12 has been developed in accordance with the applicable provisions and requirements of 23 CFR Part 450. This amendment includes projects in categories such as SHOPP Mobility, SHOPP CR, SHOPP Bridge Preservation, SHOPP Roadway Preservation, SHOPP Mandates, Local Pavement Rehabilitation, and Bicycle projects which implement safety projects that will help to support the established statewide safety targets to reduce fatalities and serious injuries.

JOSÉ A. NUNCIO
TransNet Department Director

Attachments: 1. Resolution No. 2018-17: Approving Amendment No. 12 to the 2016 Regional Transportation Improvement Program
2. Table 1: 2016 Regional Transportation Improvement Program - Amendment No. 12
3. Tables 2a-2c: Fiscal Constraint Analysis

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



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RESOLUTION NO. 2018-17

APPROVING AMENDMENT NO.12 TO THE 2016 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, on September 23, 2016, SANDAG adopted the 2016 Regional Transportation Improvement Program (RTIP) and found the 2016 RTIP in conformance with the applicable State Implementation Plans (SIPs), and with the 2009 Regional Air Quality Strategy (RAQS), in accordance with California law; and

WHEREAS, on December 16, 2016, the U.S. Department of Transportation determined the 2016 RTIP and the San Diego Forward: The Regional Plan (Regional Plan) in conformance to the applicable SIPs in accordance with the provisions of 40 Code of Federal Regulations (CFR) Parts 51 and 93; and

WHEREAS, member agencies have requested various changes to existing projects for inclusion into the 2016 RTIP as shown in Table 1; and

WHEREAS, this amendment is consistent with the metropolitan transportation planning regulations per 23 CFR Part 450; and

WHEREAS, this amendment is consistent with the Regional Plan, which conforms to the to all applicable SIPs and to the emissions budgets from the Redesignation Request and Maintenance Plan for the 1997 National Ozone Standard for San Diego County, which were found adequate for transportation conformity purposes by the U.S. Environmental Protection Agency in 2013, and from the Eight-Hour Ozone Attainment Plan for San Diego County, which were found adequate for transportation conformity purposes by the U.S. Environmental Protection Agency in 2008, and from the 2004 Revision to California SIP for Carbon Monoxide, for Ten Federal Planning Areas which was approved as a SIP revision in 2006; and

WHEREAS, the regionally significant, capacity increasing projects have been incorporated into the quantitative air quality emissions analysis and conformity findings conducted for the Regional Plan and the 2016 RTIP; and

WHEREAS, Amendment No. 12 to the 2016 RTIP continues to provide for timely implementation of transportation control measures contained in the adopted RAQS/SIP for air quality and a quantitative emissions analysis demonstrates that the implementation of the RTIP projects and programs meet all the federally required emissions budget targets; and

WHEREAS, projects in Amendment No. 12 satisfy the transportation conformity provisions of 40 CFR 93.122(g) and all applicable transportation planning requirements per 23 CFR Part 450 including the establishment of performance management targets for safety performance measures for all public roads in the planning region; and

WHEREAS, all other projects in Amendment No. 12 are either non-capacity increasing or exempt from the requirements to determine conformity; and

WHEREAS, the projects in 2016 RTIP Amendment No. 12 are fiscally constrained; and

WHEREAS, the projects in 2016 RTIP Amendment No. 12 are consistent with the Public Participation Policy adopted by the SANDAG Board of Directors; and

WHEREAS, that the SANDAG Board of Directors has delegated the approval of RTIP amendments to the Transportation Committee; NOW THEREFORE

BE IT RESOLVED that the SANDAG Transportation Committee, does hereby approve Amendment No. 12 to the 2016 RTIP; and

BE IT FURTHER RESOLVED, that SANDAG finds the 2016 RTIP, including Amendment No. 12, is consistent with the Regional Plan, is in conformance with the applicable SIPs, and with the 2016 RAQS for the San Diego region, is consistent with SANDAG Intergovernmental Review Procedures, and is consistent with SANDAG Public Participation Policy, as amended.

PASSED AND ADOPTED this 20th day of April 2018.



CHAIR

ATTEST: 

SECRETARY

MEMBER AGENCIES: Cities of Carlsbad, Chula Vista, Coronado, Del Mar, El Cajon, Encinitas, Escondido, Imperial Beach, La Mesa, Lemon Grove, National City, Oceanside, Poway, San Diego, San Marcos, Santee, Solana Beach, Vista, and County of San Diego.

ADVISORY MEMBERS: California Department of Transportation, Metropolitan Transit System, North County Transit District, Imperial County, U.S. Department of Defense, San Diego Unified Port District, San Diego County Water Authority, Southern California Tribal Chairmen's Association, and Mexico.

Table 1
2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)

Caltrans

MPO ID: CAL09								RTIP #:16-12		
Project Title: Interstate 5 - HOV/Managed Lanes								EA NO: 235800		
Project Description: Interstate 5 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: 0615CDE, 0615 RTP PG NO: A-16, B-30 SANDAG ID: 1200511, 1200501, 1200504, 1200510, 1200509		
Change Reason: Revise funding between fiscal years										
RT:5 Capacity Status:CI Exempt Category:Non-Exempt										
Est Total Cost: \$934,486		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	\$157,841	\$120,585	\$20,884	\$6,444	\$5,616	\$3,125	\$1,187	\$115,673	\$35,653	\$6,515
TransNet - MC AC	\$0		\$129,812	\$(9,044)	\$(65,978)	\$(43,934)	\$(10,855)			
CBI	\$416	\$416						\$416		
CMAQ	\$73,287	\$32,321	\$40,967					\$23,515	\$8,800	\$40,972
CMAQ - Conversion	\$73,488			\$9,044	\$26,547	\$27,042	\$10,855			\$73,488
Earmark Repurposing	\$1,220		\$1,220					\$1,220		
IM	\$3,886	\$3,886						\$3,886		
RSTP	\$63,180	\$32,557	\$30,622					\$40,991	\$6,106	\$16,083
RSTP - Conversion	\$56,323				\$39,431	\$16,892				\$56,323
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	\$260,087	\$223,505	\$6,444	\$5,616	\$3,125	\$45,187	\$196,641	\$50,559	\$296,763

* \$5.324M programmed in CAL46A; \$299K provided outside of the RTIP; Demo IDs CA653, CA676 repurposed to FHWA transfer number CAT 16-070

PROJECT LAST AMENDED 16-09										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$157,841	\$120,585	\$20,884	\$6,444	\$5,616	\$3,231	\$1,081	\$115,673	\$35,653	\$6,515
TransNet - MC AC	\$0	\$129,812		\$(23,060)	\$(68,150)	\$(28,711)	\$(9,891)			
CBI	\$416	\$416						\$416		
CMAQ	\$73,287	\$32,321	\$40,967					\$23,515	\$8,800	\$40,972
CMAQ - Conversion	\$73,488			\$9,044	\$26,547	\$27,042	\$10,855			\$73,488
Earmark Repurposing	\$1,220		\$1,220					\$1,220		
IM	\$3,886	\$3,886						\$3,886		
RSTP	\$63,180	\$32,557	\$30,622					\$40,991	\$6,106	\$16,083
RSTP - Conversion	\$56,323			\$14,016	\$41,603	\$705				\$56,323
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	\$389,899	\$93,693	\$6,444	\$5,616	\$2,267	\$46,045	\$196,641	\$50,559	\$296,763

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL46A			RTIP #:16-12							
Project Title: Grouped Projects for Safety Improvements - SHOPP Mobility 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: Revise Lump Sum List - No Change To Programming										
RT:Var Capacity Status:NCI Exempt Category:Safety - Shoulder Improvements										
Est Total Cost: \$59,459										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Mobility	\$59,459			\$818	\$12,246	\$46,395				\$59,459
TOTAL	\$59,459			\$818	\$12,246	\$46,395				\$59,459
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Mobility	\$59,459			\$818	\$11,661	\$46,980				\$59,459
TOTAL	\$59,459			\$818	\$11,661	\$46,980				\$59,459

MPO ID: CAL46B			RTIP #:16-12							
Project Title: Grouped Projects for Safety Improvements - SHOPP Collision Reduction (CR) 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 - Pavement marking demonstration										
Est Total Cost: \$123,657										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdside Preserv NHS	\$868				\$304	\$564				\$868
SHOPP - CR - NHS (AC)	\$76,694		\$11,027	\$20,910	\$31,996	\$12,761				\$76,694
SHOPP - CR - STP (AC)	\$23,637		\$8,830	\$7,876		\$6,931				\$23,637
SHOPP STP - Collision Reduction	\$22,458		\$19,791	\$2,667						\$22,458
TOTAL	\$123,657		\$39,648	\$31,453	\$32,300	\$20,256				\$123,657
PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP - CR - NHS (AC)	\$66,731		\$11,027	\$20,910	\$26,514	\$8,280				\$66,731
SHOPP - CR - STP (AC)	\$23,637		\$8,830	\$7,876		\$6,931				\$23,637
SHOPP STP - Collision Reduction	\$22,458		\$19,791	\$2,667						\$22,458
TOTAL	\$112,826		\$39,648	\$31,453	\$26,514	\$15,211				\$112,826

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL46D		RTIP #:16-12								
Project Title:		Grouped Projects for Bridge Preservation								
Project Description:		Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 category - widening narrow pavements or reconstructing bridges (no additional lanes)								
Change Reason:		Increase funding								
		Capacity Status:NCI Exempt Category:Safety - Non capacity widening or bridge reconstruction								
Est Total Cost: \$82,442										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Brdg Presrv (HBP)	\$82,442		\$46,781		\$33,068		\$2,593			\$82,442
TOTAL	\$82,442		\$46,781		\$33,068		\$2,593			\$82,442
PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Brdg Presrv (HBP)	\$54,312		\$46,781		\$4,938		\$2,593			\$54,312
TOTAL	\$54,312		\$46,781		\$4,938		\$2,593			\$54,312

MPO ID: CAL46E		RTIP #:16-12								
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:		Increase funding								
		Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation								
Est Total Cost: \$179,868										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdway Presrv NHS	\$179,868		\$50,878	\$44,248	\$6,176	\$78,566				\$179,868
TOTAL	\$179,868		\$50,878	\$44,248	\$6,176	\$78,566				\$179,868
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdway Presrv NHS	\$177,226		\$50,878	\$44,248	\$5,821	\$76,279				\$177,226
TOTAL	\$177,226		\$50,878	\$44,248	\$5,821	\$76,279				\$177,226

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL46I			RTIP #:16-12							
Project Title: Grouped Projects for Safety Improvements - SHOPP Mandates 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, hazard elimination program Change Reason: Increase funding Capacity Status:NCI Exempt Category:Safety - Safety Improvement Program										
Est Total Cost: \$45,022										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Mandates	\$45,022		\$4,896	\$11,543	\$14,272	\$14,311				\$45,022
TOTAL	\$45,022		\$4,896	\$11,543	\$14,272	\$14,311				\$45,022
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Mandates	\$35,322		\$4,896	\$13,513	\$5,628	\$11,285				\$35,322
TOTAL	\$35,322		\$4,896	\$13,513	\$5,628	\$11,285				\$35,322

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL75		RTIP #:16-12								
Project Title:	I-5 Genesee Interchange and Widening							EA NO: 0223U, 06500		
Project Description:	From Genesee Avenue to Sorrento Valley Overhead - reconstruct I-5 Genesee Bridge and interchange including ramps, retaining walls; add type 1 bicycle facility between Voigt and Sorrento Valley Road							PPNO: 0129P		
								RTP PG NO: A-28,B-39		
								SANDAG ID: 1200506		
								EARMARK NO: 3086		
Change Reason:	Revise funding between fiscal years									
RT:5	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$116,435		Open to Traffic: Jul 2018								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$17,255	\$7,962	\$2,291	\$5,657	\$879	\$449	\$17	\$1,304	\$5,983	\$9,968
HPP	\$1,600	\$1,600								\$1,600
RSTP	\$51,284	\$47,643			\$3,641					\$51,284
Prop 1B - SLPP	\$8,000	\$8,000								\$8,000
SHOPP (AC)-Mobility	\$12,987	\$12,987						\$2,467	\$500	\$10,020
Local Funds	\$10,198	\$10,198						\$10	\$1,688	\$8,500
TOTAL	\$101,324	\$88,390	\$2,291	\$5,657	\$4,520	\$449	\$17	\$3,781	\$8,171	\$89,372

* \$14.4M of City of San Diego contribution programmed under SD103; additional state funds of \$711K outside the RTIP

PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$19,427	\$7,962	\$4,277	\$4,875	\$523	\$557	\$1,233	\$1,342	\$5,633	\$12,452
HPP	\$1,600	\$1,600								\$1,600
RSTP	\$49,112	\$47,643			\$1,469					\$49,112
Prop 1B - SLPP	\$8,000	\$8,000								\$8,000
SHOPP (AC)-Mobility	\$12,987	\$12,987						\$2,467	\$500	\$10,020
Local Funds	\$10,198	\$10,198						\$10	\$1,688	\$8,500
TOTAL	\$101,324	\$88,390	\$4,277	\$4,875	\$1,992	\$557	\$1,233	\$3,819	\$7,821	\$89,684

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL78D		RTIP #:16-12								
Project Title:	805 South Soundwalls - Unit 1 and Sweetwater River Bridge Upgrade							EA NO: 2T260, 43018		
Project Description:	From Naples Street to 805/54 Separation - From Naples Street to 805/54 Separation. Construct Soundwalls. Sweetwater River Bridge Upgrade. 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, Toll Credits will be used to match federal funds for the CON 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, Toll Credits will be used to match federal funds for the CON phase							SANDAG ID: 1280515		
Change Reason:	Revise funding between fiscal years									
RT:805	Capacity Status:NCI	Exempt Category:Other - Noise attenuation								
Est Total Cost: \$38,289										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$6,987	\$1,082	\$10	\$2,856	\$1,915	\$675	\$449	\$3,430	\$249	\$3,308
TransNet - MC AC	\$0				\$2,273	\$(2,273)				
RSTP	\$29,029	\$15,013		\$14,016				\$12,611	\$2,402	\$14,016
RSTP - AC Conversion	\$2,273					\$2,273				\$2,273
TOTAL	\$38,289	\$16,095	\$10	\$16,872	\$4,188	\$675	\$449	\$16,041	\$2,651	\$19,597
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$6,987	\$909		\$2,505	\$2,232	\$795	\$546	\$3,430	\$249	\$3,308
TransNet - MC AC	\$0			\$6,429	\$9,860	\$(16,289)				
RSTP	\$15,013	\$15,013						\$12,611	\$2,402	
RSTP - AC Conversion	\$16,289					\$16,289				\$16,289
TOTAL	\$38,289	\$15,922		\$8,934	\$12,092	\$795	\$546	\$16,041	\$2,651	\$19,597

MPO ID: CAL483		RTIP #:16-12								
Project Title:	SHOPP Multiple Objective - Asset Management Program Pilot Project							EA NO: 42650		
Project Description:	From Sorrento Valley Road to Del Mar Heights Road - In the city of San Diego, from Sorrento Valley Road to Del Mar Heights Road, Construct rumble strips on both shoulders, rehabilitate bike path, install fiber optic cable/CCTVs and rehabilitate 48 inch culvert. Asset Management Pilot Project							PPNO: 1218		
Change Reason:	New Project									
RT:5	Capacity Status:NCI	Exempt Category:Safety - Pavement marking demonstration								
Est Total Cost: \$6,317										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Rdway Presrv NHS	\$1,815				\$471	\$1,344		\$1,775	\$40	
TOTAL	\$1,815				\$471	\$1,344		\$1,775	\$40	

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV06		RTIP #:16-12
Project Title:	Pavement Rehabilitation Program	<i>TransNet - LSI: Maint</i>
Project Description:	Citywide - AC overlay, chip seals and slurry seal rehabilitation, pavement repairs as well as implementation of the City's pavement management system and pavement inspection.	
Change Reason:	Reduce funding	
	Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: \$24,542										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$15,900	\$15,900						\$3,250		\$12,650
<i>TransNet - L (Cash)</i>	\$6,304	\$6,304						\$1,300		\$5,004
<i>TransNet - LSI</i>	\$748			\$75	\$51	\$301	\$321	\$326		\$422
<i>TransNet - LSI Carry Over</i>	\$590	\$377	\$213					\$590		
Local Funds	\$1,000	\$1,000						\$160		\$840
TOTAL	\$24,542	\$23,581	\$213	\$75	\$51	\$301	\$321	\$5,626		\$18,916

PROJECT LAST AMENDED 16-04										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$15,900	\$15,900						\$3,250		\$12,650
<i>TransNet - L (Cash)</i>	\$6,304	\$6,304						\$1,300		\$5,004
<i>TransNet - LSI</i>	\$948			\$75	\$111	\$361	\$401	\$386		\$562
<i>TransNet - LSI Carry Over</i>	\$668	\$377	\$291					\$668		
Local Funds	\$1,000	\$1,000						\$160		\$840
TOTAL	\$24,820	\$23,581	\$291	\$75	\$111	\$361	\$401	\$5,764		\$19,056

MPO ID: CHV45		RTIP #:16-12
Project Title:	Traffic Monitoring Program	<i>TransNet - LSI: Maint</i>
Project Description:	Citywide - Traffic monitoring to comply with the City's traffic threshold standards, as well as the city's annual traffic count program, which provides data for safety commission studies, capital improvements projects, speed surveys and other traffic uses.	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Safety - Non signalization traffic control and operating	

Est Total Cost: \$1,379										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$67	\$54		\$13				\$67		
<i>TransNet - LSI</i>	\$485		\$56	\$100	\$100	\$94	\$135	\$485		
<i>TransNet - LSI Carry Over</i>	\$777	\$647	\$130					\$777		
Local RTCIP	\$50	\$50						\$50		
TOTAL	\$1,379	\$751	\$186	\$113	\$100	\$94	\$135	\$1,379		

PROJECT LAST AMENDED 16-04										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$54	\$54						\$54		
<i>TransNet - LSI</i>	\$485		\$56	\$100	\$100	\$94	\$135	\$485		
<i>TransNet - LSI Carry Over</i>	\$777	\$647	\$130					\$777		
Local RTCIP	\$50	\$50						\$50		
TOTAL	\$1,366	\$751	\$186	\$100	\$100	\$94	\$135	\$1,366		

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV48		RTIP #:16-12
Project Title:	Pavement Major Rehabilitation	<i>TransNet</i> - LSI: CR
Project Description:	Various locations (see list of specific locations);including Brandywine Ave. from Point La Jolla to Mendocino Drive - On-going program of pavement rehabilitation and reconstruction which includes overlays (one-inch thick and greater) and street reconstruction.	
Change Reason:	Reduce funding	
Capacity Status:	NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$38,532**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L (Cash)	\$72	\$72								\$72
<i>TransNet</i> - LSI	\$16,984	\$220	\$3,302	\$2,505	\$3,620	\$3,680	\$3,656	\$2,830		\$14,154
<i>TransNet</i> - LSI (Cash)	\$46	\$18	\$14	\$14				\$18		\$28
<i>TransNet</i> - LSI Carry Over	\$21,430	\$15,543	\$5,887					\$2,969		\$18,461
TOTAL	\$38,532	\$15,853	\$9,203	\$2,519	\$3,620	\$3,680	\$3,656	\$5,817		\$32,715

PROJECT LAST AMENDED 16-06

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L (Cash)	\$72	\$72								\$72
<i>TransNet</i> - LSI	\$17,519	\$220	\$3,302	\$2,505	\$3,780	\$3,863	\$3,848	\$2,830		\$14,689
<i>TransNet</i> - LSI (Cash)	\$32	\$18	\$14					\$18		\$14
<i>TransNet</i> - LSI Carry Over	\$21,430	\$15,543	\$5,887					\$2,969		\$18,461
TOTAL	\$39,053	\$15,853	\$9,203	\$2,505	\$3,780	\$3,863	\$3,848	\$5,817		\$33,236

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Encinitas, City of

MPO ID: ENC14A			RTIP #:16-12							
Project Title:	Street Overlay Program							TransNet - LSI: CR		
Project Description:	Various locations throughout the City, - in Encinitas, at various locations throughout the City, asphalt grinding, 6" dig outs, 1-1/2" polymer modified asphalt overlay, and preventative maintenance treatments.									
Change Reason:	Reduce funding, Revise funding between fiscal years									
Capacity Status:	NCI		Exempt Category: Safety - Pavement resurfacing and/or rehabilitation							
Est Total Cost: \$28,656										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$600	\$600								\$600
TransNet - L (Cash)	\$240	\$240								\$240
TransNet - LSI	\$12,940	\$4,740	\$1,225	\$1,702	\$1,696	\$1,757	\$1,820			\$12,940
TransNet - LSI (Cash)	\$253	\$253								\$253
TransNet - LSI Carry Over	\$980	\$589	\$391							\$980
Local Funds	\$13,643	\$7,742	\$1,141	\$1,298	\$1,228	\$1,155	\$1,079			\$13,643
TOTAL	\$28,656	\$14,164	\$2,757	\$3,000	\$2,924	\$2,912	\$2,899			\$28,656
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$600	\$600								\$600
TransNet - L (Cash)	\$240	\$240								\$240
TransNet - LSI	\$13,164	\$4,740	\$1,184	\$1,702	\$1,772	\$1,845	\$1,921			\$13,164
TransNet - LSI (Cash)	\$253	\$253								\$253
TransNet - LSI Carry Over	\$921	\$589	\$332							\$921
Local Funds	\$13,643	\$7,742	\$1,141	\$1,298	\$1,228	\$1,155	\$1,079			\$13,643
TOTAL	\$28,821	\$14,164	\$2,657	\$3,000	\$3,000	\$3,000	\$3,000			\$28,821

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Encinitas, City of

MPO ID: ENC17		RTIP #:16-12
Project Title:	Safe Routes to School Sidewalk Program	<i>TransNet</i> - LSI: Maint
Project Description:	Santa Fe Drive from I-5 to El Camino Real near San Dieguito Academy, and portions of Vulcan Avenue adjacent to Paul Ecke Central - in Encinitas, at various locations throughout the City; installation of pathways to include curb, gutter, drainage improvements and landscaping which will provide connectivity	
Change Reason:	Reduce funding	
	Capacity Status:NCI Exempt Category:Air Quality - Bicycle and pedestrian facilities	

Est Total Cost: **\$5,411**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$900	\$900								\$900
<i>TransNet</i> - L (Cash)	\$466	\$466								\$466
<i>TransNet</i> - LSI	\$1,007	\$624	\$383							\$1,007
<i>TransNet</i> - LSI Carry Over	\$830	\$657	\$173							\$830
ATP - S	\$996			\$41		\$173	\$782	\$189	\$25	\$782
Local Funds	\$1,212	\$1,212								\$1,212
TOTAL	\$5,411	\$3,859	\$556	\$41		\$173	\$782	\$189	\$25	\$5,197

PROJECT LAST AMENDED 16-09

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$900	\$900								\$900
<i>TransNet</i> - L (Cash)	\$466	\$466								\$466
<i>TransNet</i> - LSI	\$1,076	\$624	\$452							\$1,076
<i>TransNet</i> - LSI Carry Over	\$845	\$657	\$188							\$845
ATP - S	\$996			\$41		\$173	\$782	\$189	\$25	\$782
Local Funds	\$1,212	\$1,212								\$1,212
TOTAL	\$5,495	\$3,859	\$640	\$41		\$173	\$782	\$189	\$25	\$5,281

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Encinitas, City of

MPO ID: ENC28

RTIP #:16-12

Project Title: Traffic Signal Modifications *TransNet* - LSI: CR

Project Description: Encinitas Boulevard and El Camino Real; Leucadia Boulevard and El Camino Real; Chesterfield and Highway 101; El Camino Real and Via Molena; Encinitas Boulevard and Delphinium; La Costa and Highway 101; and other circulation element roads within the City - in Encinitas, at various locations on circulation element roads throughout the City, install radio communication to traffic signals, hard wiring system to traffic signals, audible pedestrian signal; install optic fiber for review cameras; replace battery backup units; install pedestrian countdown times; upgrade BiTrans Chip in signal controllers at various traffic signals; traffic signal infrastructure replacement; RAMS support. *TransNet* - LSI RAMS of \$7 is programmed through FY 2021

Change Reason: Increase funding

Capacity Status:NCI Exempt Category:Other - Traffic signal synchronization projects

Est Total Cost: **\$927**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$100	\$100								\$100
<i>TransNet</i> - L (Cash)	\$382	\$382								\$382
<i>TransNet</i> - LSI	\$270	\$233	\$7	\$7	\$7	\$7	\$7	\$67		\$203
<i>TransNet</i> - LSI Carry Over	\$175	\$150	\$25							\$175
TOTAL	\$927	\$865	\$32	\$7	\$7	\$7	\$7	\$67		\$860

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$100	\$100								\$100
<i>TransNet</i> - L (Cash)	\$382	\$382								\$382
<i>TransNet</i> - LSI	\$270	\$233	\$7	\$7	\$7	\$7	\$7	\$67		\$203
<i>TransNet</i> - LSI Carry Over	\$160	\$150	\$10							\$160
TOTAL	\$912	\$865	\$17	\$7	\$7	\$7	\$7	\$67		\$845

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

La Mesa, City of

MPO ID: LAM48	RTIP #:16-12
Project Title: West La Mesa Pedestrian and Bicycle Connectivity Project	
Project Description: Various streets in the City from to - Enhance safety in West La Mesa by completing more than 4.8 miles of bicycle and pedestrian enhancements linking four schools and a City park. An educational campaign will further promote active transportation as a viable mode.	
Change Reason: Add new funding source, Increase funding	
Capacity Status:NCI Exempt Category:Air Quality - Bicycle and pedestrian facilities	

Est Total Cost: **\$5,351**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - CP	\$2,000			\$2,000						\$2,000
ATP - R	\$1,919		\$450	\$1,469				\$450	\$25	\$1,444
Local Funds	\$1,432			\$1,432						\$1,432
TOTAL	\$5,351		\$450	\$4,901				\$450	\$25	\$4,876

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
ATP - R	\$1,919		\$450	\$25	\$1,444			\$450	\$25	\$1,444
Local Funds	\$1,432				\$1,432					\$1,432
TOTAL	\$3,351		\$450	\$25	\$2,876			\$450	\$25	\$2,876

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Lemon Grove, City of

MPO ID: LG13								RTIP #:16-12		
Project Title: Lemon Grove Avenue Realignment Project								RTP PG NO: B-38		
Project Description: Lemon Grove Avenue at SR-94 - a key project in the redevelopment of the city's Downtown Village Specific Plan, this project will realign Lemon Grove Avenue at SR-94 adding traffic lanes and improving access to and from SR-94, reducing motorist delays and emissions								RAS (M-41)		
Change Reason: Increase funding, Revise funding between fiscal years								TransNet - LSI: CR		
Capacity Status:CI			Exempt Category:Non-Exempt							
Est Total Cost: \$4,010			Open to Traffic: Feb 2018							
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L (Cash)	\$1,413	\$1,413								\$1,413
TransNet - LSI	\$64	\$64						\$6		\$58
TransNet - LSI Carry Over	\$1,962	\$563	\$817	\$583						\$1,962
Local RTCIP	\$571	\$8		\$563						\$571
TOTAL	\$4,010	\$2,048	\$817	\$1,146				\$6		\$4,004
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L (Cash)	\$1,413	\$1,413								\$1,413
TransNet - LSI	\$64	\$64						\$6		\$58
TransNet - LSI Carry Over	\$1,963	\$563	\$1,000	\$400						\$1,963
Local RTCIP	\$525	\$8		\$517						\$525
TOTAL	\$3,965	\$2,048	\$1,000	\$917				\$6		\$3,959

MPO ID: LG14								RTIP #:16-12		
Project Title: Traffic Improvements (Preventive Maintenance)								TransNet - LSI: Maint		
Project Description: Citywide - traffic related projects scheduled throughout each fiscal year: traffic loop replacements, traffic signal upgrades, speed survey, street striping improvements, traffic calming studies, and the repair or replacement of street signs; these projects are part of the annual maintenance program established within the City to maintain the operational readiness of the street system										
Change Reason: Reduce funding										
Capacity Status:NCI			Exempt Category:Safety - Non signalization traffic control and operating							
Est Total Cost: \$1,104										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$680	\$178	\$102	\$127	\$95	\$91	\$87			\$680
TransNet - LSI Carry Over	\$424	\$399	\$25					\$1		\$423
TOTAL	\$1,104	\$577	\$127	\$127	\$95	\$91	\$87	\$1		\$1,103
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$795	\$178	\$109	\$127	\$127	\$127	\$127			\$795
TransNet - LSI Carry Over	\$424	\$399	\$25					\$1		\$423
TOTAL	\$1,219	\$577	\$134	\$127	\$127	\$127	\$127	\$1		\$1,218

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Lemon Grove, City of

MPO ID: LG15		RTIP #:16-12								
Project Title:	Storm Drain Rehabilitation (Preventive Maintenance)							<i>TransNet - LSI: Maint</i>		
Project Description:	Citywide - improvements or repairs to multiple storm drain facilities such as spot repairs to existing pipes, berms or other diversion devices; attention will be given to the continuous maintenance of Chollas Creek in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit which involve debris removal, vegetation control, and/or habitat restoration; city staff/consultant to inventory storm drain system and input into GIS; condition assessment, repair options and strategy report to follow									
Change Reason:	Reduce funding									
Capacity Status:NCI		Exempt Category:Other - Plantings, landscaping, etc								
Est Total Cost: \$733										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$475	\$103	\$88	\$50	\$78	\$78	\$78			\$475
<i>TransNet - LSI Carry Over</i>	\$258	\$257						\$27		\$231
TOTAL	\$733	\$360	\$88	\$50	\$78	\$78	\$78	\$27		\$706
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$476	\$103	\$88	\$51	\$78	\$78	\$78			\$476
<i>TransNet - LSI Carry Over</i>	\$258	\$257						\$27		\$231
TOTAL	\$734	\$360	\$88	\$51	\$78	\$78	\$78	\$27		\$707

MPO ID: LG16		RTIP #:16-12								
Project Title:	Storm Drain Rehabilitation (Congestion Relief)							<i>TransNet - LSI: CR</i>		
Project Description:	Citywide - evaluate, prioritize, and implement improvements to the city's storm drain system by identifying deteriorated or problematic portions of the storm drain system, perform risk assessments to prioritize need, and perform the necessary construction repairs or replacements to avoid roadway flooding									
Change Reason:	Reduce funding									
Capacity Status:NCI		Exempt Category:Safety - Hazard elimination program								
Est Total Cost: \$1,202										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$862	\$450	\$39	\$70	\$90	\$106	\$106			\$862
<i>TransNet - LSI (Cash)</i>	\$142	\$142								\$142
<i>TransNet - LSI Carry Over</i>	\$198	\$138	\$60							\$198
TOTAL	\$1,202	\$730	\$99	\$70	\$90	\$106	\$106			\$1,202
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$868	\$450	\$39	\$76	\$90	\$106	\$106			\$868
<i>TransNet - LSI (Cash)</i>	\$142	\$142								\$142
<i>TransNet - LSI Carry Over</i>	\$198	\$138	\$60							\$198
TOTAL	\$1,208	\$730	\$99	\$76	\$90	\$106	\$106			\$1,208

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Lemon Grove, City of

MPO ID: LG17		RTIP #:16-12								
Project Title:	Street Improvements (Preventive Maintenance)							TransNet - LSI: Maint		
Project Description:	Citywide - maintain city streets and fund costs to survey all streets as part of the pavement management system									
Change Reason:	Reduce funding									
Capacity Status:NCI		Exempt Category:Safety - Pavement resurfacing and/or rehabilitation								
Est Total Cost: \$786										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$575	\$362	\$50		\$43	\$55	\$65	\$15		\$560
TransNet - LSI Carry Over	\$211	\$41	\$10	\$150	\$10					\$211
TOTAL	\$786	\$403	\$60	\$150	\$53	\$55	\$65	\$15		\$771
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$618	\$362	\$50	\$43	\$43	\$55	\$65	\$15		\$603
TransNet - LSI Carry Over	\$171	\$41	\$10	\$110	\$10					\$171
TOTAL	\$789	\$403	\$60	\$153	\$53	\$55	\$65	\$15		\$774

MPO ID: LG18		RTIP #:16-12								
Project Title:	Traffic Improvements (Congestion Relief)							TransNet - LSI: CR		
Project Description:	Citywide - median installation for safety improvement or left turn movement, new traffic signals, passive permissive left turn installation, signal removal for congestion relief reasons, traffic signal upgrades, intersection lighting, traffic signal coordination, and traffic signal interconnection/optimization									
Change Reason:	Reduce funding									
Capacity Status:NCI		Exempt Category:Other - Intersection signalization projects								
Est Total Cost: \$332										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$292	\$152	\$20	\$60	\$20	\$20	\$20	\$4		\$288
TransNet - LSI Carry Over	\$40		\$40							\$40
TOTAL	\$332	\$152	\$60	\$60	\$20	\$20	\$20	\$4		\$328
PROJECT LAST AMENDED 16-08										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$293	\$152	\$20	\$61	\$20	\$20	\$20	\$4		\$289
TransNet - LSI Carry Over	\$40		\$40							\$40
TOTAL	\$333	\$152	\$60	\$61	\$20	\$20	\$20	\$4		\$329

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Lemon Grove, City of

MPO ID: LG20		RTIP #:16-12
Project Title:	Street Improvements (Congestion Relief - Non CI)	<i>TransNet</i> - LSI: CR
Project Description:	Citywide - this project involves roadway rehabilitation (grinding and overlay, new structural pavement, or new overlay 1-inch thick or greater) of several streets within the city. Streets were prioritized for work based on levels of deterioration identified in the Pavement Management System; Sidewalk Rehabilitation: this annual project adds sidewalks, widens sidewalks, removes and/or replaces various sidewalk locations and installs Americans with Disabilities Act (ADA) compliant curb ramps throughout the city; Street Improvements: this as needed project would widen or install curb/gutter, sidewalk, curb ramps	
Change Reason:	Increase funding, Revise Fund Source	
	Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$3,813**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$2,219	\$228	\$404	\$409	\$387	\$387	\$406			\$2,219
<i>TransNet</i> - LSI (Cash)	\$147	\$147								\$147
<i>TransNet</i> - LSI Carry Over	\$1,294	\$1,147		\$147				\$61		\$1,233
Local Funds	\$153			\$153						\$153
TOTAL	\$3,813	\$1,522	\$404	\$709	\$387	\$387	\$406	\$61		\$3,752

PROJECT LAST AMENDED 16-08

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$2,161	\$228	\$397	\$358	\$387	\$387	\$406			\$2,161
<i>TransNet</i> - LSI (Cash)	\$147	\$147								\$147
<i>TransNet</i> - LSI Carry Over	\$1,334	\$1,147		\$187				\$61		\$1,273
Local Funds	\$153			\$153						\$153
TOTAL	\$3,795	\$1,522	\$397	\$698	\$387	\$387	\$406	\$61		\$3,734

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

National City, City of

MPO ID: NC03		RTIP #:16-12
Project Title:	Street Resurfacing Project	EARMARK NO: CAT 16-065 <i>TransNet</i> - LSI: CR
Project Description:	Harding Avenue (north-end to W. 30th St.), Van Ness Avenue(Leonard St. to 200'south), E. 31st St. (B Ave. to D Ave., Roosevelt Avenue (north-end to W. 18th St.), Thelma Way (4th St. to E. 5th St.), E Avenue (E. 20th St. to Cul-de-sac), B Avenue (E. 7th St. to E. 8th St.), E. 5th Street (D Ave. to Highland Ave.), E. 17th St. (N Ave. to Palm Ave.), F Avenue (E. 4th St. to E. 8th St.), Lanoitan Avenue (Division St. to Melrose St.), Burden Dr. (E. 7th St. to E. 8th St.), E. 1st St. (Euclid Ave. to Clairmont Ave.), E. 24th St. (N.C. Blvd. to D Ave.), E. 2nd St. (Valva Ave. to Clairmont Ave.) W. 19th St. (Wilson Ave. to Harding Ave.), E. 3rd St. (Valva Ave. to Clairmont Ave.), W. 16th Street (Hoover Ave. to N.C. Blvd.), Prospect Avenue (E. 20th St. to E. 22nd St.), E. 28th St. (J Ave. to K Ave.), U Avenue (E. 1st St. to E. 4th St.), Paradise Dr. (PCC Fork in Road to E. 10th St.) E. 5th St. (N.C. Blvd. to D Ave.), E. 5th St. (Q Ave. to R Ave.), N Avenue (E. 16th St. to E. 18th St.), E. 15th St. (Highland Ave. to K Ave.), G Ave.(E. 21st St. to E. 22nd St.), E. 7th St. (Palm Ave. to Q Ave.), F Ave. (E. 26th St. to E. 28th St.), E. 18th St. (Highland Ave. to Palm Ave.), Valva Ave. (Melrose S.....	
Change Reason:	Add new funding source, Increase funding	
	Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$21,545**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - CP	\$4,500	\$4,500								\$4,500
<i>TransNet</i> - L	\$5,313	\$5,313								\$5,313
<i>TransNet</i> - L (Cash)	\$629	\$629								\$629
<i>TransNet</i> - LSI	\$3,822	\$2,122		\$400	\$400	\$400	\$500			\$3,822
<i>TransNet</i> - LSI (Cash)	\$2,402	\$2,402								\$2,402
Earmark Repurposing	\$612				\$612					\$612
Local Funds	\$4,267	\$4,114			\$153					\$4,267
TOTAL	\$21,545	\$19,080		\$400	\$1,165	\$400	\$500			\$21,545

PROJECT LAST AMENDED 16-08

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - CP	\$4,500	\$4,500								\$4,500
<i>TransNet</i> - L	\$5,313	\$5,313								\$5,313
<i>TransNet</i> - L (Cash)	\$629	\$629								\$629
<i>TransNet</i> - LSI	\$3,822	\$2,122		\$400	\$400	\$400	\$500			\$3,822
<i>TransNet</i> - LSI (Cash)	\$2,402	\$2,402								\$2,402
Local Funds	\$4,114	\$4,114								\$4,114
TOTAL	\$20,780	\$19,080		\$400	\$400	\$400	\$500			\$20,780

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN73		RTIP #:16-12								
Project Title:	San Elijo Lagoon Double Track							SANDAG ID: 1239806, 3310708		
Project Description:	On coastal rail corridor in Cardiff and across San Elijo Lagoon from MP 239.2 near Montgomery Ave to MP 241.3 in Solana Beach from MP 239.2 to MP 241.3 - Install 1.5 miles of new double track, replace Bridge 240.4, reconfigure Control Point (CP) Cardiff with double crossovers, install new signals and drainage structures on coastal rail corridor in Cardiff and across San Elijo Lagoon in Solana Beach									
Change Reason:	Increase funding, Revise funding between fiscal years									
	Capacity Status:NCI		Exempt Category:Mass Transit - Track rehabilitation in existing right of way							
Est Total Cost: \$77,610										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$23,854	\$1,789	\$5,196	\$10,232	\$5,934	\$664	\$40	\$2,324	\$1,018	\$20,512
RSTP	\$9,413	\$9,413						\$5,263	\$422	\$3,728
Prop 1B - TCIF	\$4,343	\$4,343								\$4,343
STIP-RIP AC	\$40,000	\$40,000								\$40,000
TOTAL	\$77,610	\$55,545	\$5,196	\$10,232	\$5,934	\$664	\$40	\$7,587	\$1,440	\$68,583

* \$761K paid towards OWP 33107.08

PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$19,854	\$1,789	\$6,755	\$5,606	\$3,186	\$2,479	\$40	\$1,918	\$1,008	\$16,928
RSTP	\$9,413	\$9,413						\$5,263	\$422	\$3,728
Prop 1B - TCIF	\$4,343	\$4,343								\$4,343
STIP-RIP AC	\$40,000	\$40,000								\$40,000
TOTAL	\$73,610	\$55,545	\$6,755	\$5,606	\$3,186	\$2,479	\$40	\$7,181	\$1,430	\$64,999

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN114		RTIP #:16-12
Project Title:	Grouped Projects for Rehabilitation or Reconstruction of Track Structures, Track, and Trackbed in Existing Rights-of-Way: Coastal Rail Corridor	SANDAG ID: 1239803, 1239805, 1239810, 1239813, 1239814, 1239815, 1239816
Project Description:	Projects are consistent with 40 CFR Parts 93.126 and 93.127 Exempt Tables 2 and 3 categories: rehabilitation or reconstruction of track structures, track, and trackbed in existing right-of-way (non-capacity increasing)- from Oceanside to San Diego along the Coastal Rail Corridor; design track improvements	
Change Reason:	Reduce funding	
Capacity Status:NCI Exempt Category:Mass Transit - Track rehabilitation in existing right of way		

Est Total Cost: **\$213,916**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$102,562	\$12,273	\$19,420	\$9,262	\$24,212	\$31,503	\$5,892			\$102,562
CMAQ	\$64,154	\$64,154								\$64,154
FTA 5307	\$1,765	\$1,765								\$1,765
FTA 5339	\$5,321	\$5,321								\$5,321
Fed Rail Admin (FRA-PRIIA)	\$7,300	\$7,300								\$7,300
Other Fed - ARRA - FRA	\$3,360	\$3,360								\$3,360
RSTP	\$25,136	\$10,136		\$15,000						\$25,136
CAP-TRADE	\$4,017		\$4,017							\$4,017
Local Funds	\$301		\$301							\$301
TOTAL	\$213,916	\$104,309	\$23,738	\$24,262	\$24,212	\$31,503	\$5,892			\$213,916

PROJECT LAST AMENDED 16-08

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$106,562	\$12,273	\$19,748	\$9,493	\$28,228	\$32,000	\$4,820			\$106,562
CMAQ	\$64,154	\$64,154								\$64,154
FTA 5307	\$1,765	\$1,765								\$1,765
FTA 5339	\$5,321	\$5,321								\$5,321
Fed Rail Admin (FRA-PRIIA)	\$7,300	\$7,300								\$7,300
Other Fed - ARRA - FRA	\$3,360	\$3,360								\$3,360
RSTP	\$25,136	\$10,136		\$15,000						\$25,136
CAP-TRADE	\$4,017		\$4,017							\$4,017
Local Funds	\$301		\$301							\$301
TOTAL	\$217,916	\$104,309	\$24,066	\$24,493	\$28,228	\$32,000	\$4,820			\$217,916

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN129		RTIP #:16-12								
Project Title:	Downtown Multiuse and Bus Stopover Facility							SANDAG ID: 1201514		
Project Description:	Downtown San Diego - block between A Street , B Street, State Street and Union Street - Environmental certification and land acquisition for bus stopover facility and multiuse, transit-oriented facility including office, residential and retail space.									
Change Reason:	Revise funding between fiscal years									
Capacity Status:	NCI Exempt Category:All Projects - Bus terminal and transfer points									
Est Total Cost: \$45,975										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$45,975	\$1,564	\$1,154	\$41,236	\$2,021			\$4,935	\$41,040	
TOTAL	\$45,975	\$1,564	\$1,154	\$41,236	\$2,021			\$4,935	\$41,040	
PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$45,975	\$1,564	\$2,150	\$39,800	\$2,461			\$5,224	\$40,751	
TOTAL	\$45,975	\$1,564	\$2,150	\$39,800	\$2,461			\$5,224	\$40,751	

MPO ID: SAN148		RTIP #:16-12								
Project Title:	Grouped Projects for Bicycle and Pedestrian Facilities - Coastal Rail Trail							SANDAG ID: 1223016, 1223017, 1223018		
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories - bicycle and pedestrian facilities (both motorized and non-motorized)									
Change Reason:	Revise funding between fiscal years									
Capacity Status:	NCI Exempt Category:Air Quality - Bicycle and pedestrian facilities									
Est Total Cost: \$33,389										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - BPNS	\$29,341	\$1,977	\$734	\$15,465	\$10,722	\$433	\$11			\$29,341
ATP - R	\$1,025			\$1,025						\$1,025
STIP-RIP STP TE	\$587	\$587								\$587
STIP-RIP State Cash	\$47	\$47								\$47
Local Funds	\$250			\$250						\$250
TDA - Bicycles	\$2,139				\$2,139					\$2,139
TOTAL	\$33,389	\$2,611	\$734	\$16,740	\$12,861	\$433	\$11			\$33,389
PROJECT LAST AMENDED 16-09										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - BPNS	\$29,341	\$1,977	\$961	\$14,391	\$11,026	\$971	\$16			\$29,341
ATP - R	\$1,025			\$1,025						\$1,025
STIP-RIP STP TE	\$587	\$587								\$587
STIP-RIP State Cash	\$47	\$47								\$47
Local Funds	\$250			\$250						\$250
TDA - Bicycles	\$2,139				\$2,139					\$2,139
TOTAL	\$33,389	\$2,611	\$961	\$15,666	\$13,165	\$971	\$16			\$33,389

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN227		RTIP #:16-12								
Project Title:	Grouped Projects for Bicycle and Pedestrian Facilities - North Park/Mid-City Bikeways							SANDAG ID: 1223020, 1223078, 1223079, 1223080, 1223081, 1223082		
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories - bicycle and pedestrian facilities (both motorized and non-motorized)									
Change Reason:	Revise funding between fiscal years									
Capacity Status:	NCI		Exempt Category: Air Quality - Bicycle and pedestrian facilities							
Est Total Cost: \$22,641										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - BPNS	\$20,034	\$1,279	\$2,169	\$5,525	\$9,659	\$1,396	\$7			\$20,034
TDA - Bicycles	\$2,607	\$2,607								\$2,607
TOTAL	\$22,641	\$3,886	\$2,169	\$5,525	\$9,659	\$1,396	\$7			\$22,641
PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - BPNS	\$20,034	\$1,279	\$2,221	\$4,924	\$10,255	\$1,355				\$20,034
TDA - Bicycles	\$2,607	\$2,607								\$2,607
TOTAL	\$22,641	\$3,886	\$2,221	\$4,924	\$10,255	\$1,355				\$22,641

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego County

MPO ID: CNTY82		RTIP #:16-12								
Project Title:	Alpine Boulevard Streetscape Improvements							RTP PG NO: B-37		
Project Description:	Alpine Boulevard from Tavern Road to South Grade Road - In unincorporated community of Alpine; Alpine Boulevard Streetscape Improvements - between Tavern Road and South Grade Road, widen from two-lane to three-lane roadway including a median turn-lane with bicycle, parking, and pedestrian improvements							RAS (M-46) TransNet - LSI: CR		
Change Reason:	Increase funding									
Capacity Status:CI		Exempt Category:Non-Exempt								
Est Total Cost: \$9,000		Open to Traffic: Feb 2018								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$2,744	\$905		\$1,839				\$750		\$1,994
TransNet - LSI Carry Over	\$3,000		\$3,000							\$3,000
Local RTCIP	\$176	\$176						\$176		
TOTAL	\$5,920	\$1,081	\$3,000	\$1,839				\$926		\$4,994

* Total project cost includes prior funding not programmed

PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$2,244	\$905		\$1,339				\$750		\$1,494
TransNet - LSI Carry Over	\$3,000		\$3,000							\$3,000
Local RTCIP	\$176	\$176						\$176		
TOTAL	\$5,420	\$1,081	\$3,000	\$1,339				\$926		\$4,494

MPO ID: CNTY88		RTIP #:16-12								
Project Title:	Ashwood Street Corridor Improvements (Mapleview to Willow)							RTP PG NO: B-37		
Project Description:	Ashwood Street/Wildcat Canyon Road from Mapleview Street to 1100 feet north of Willow Road - in the unincorporated community of Lakeside - traffic signal improvements at Mapleview and Ashwood; traffic signal installation at Willow and Ashwood/Wildcat Canyon; and the addition of turn lanes, addition of a passing lane in a non-urbanized area, bike lanes, and pedestrian facilities							TransNet - LSI: CR		
Change Reason:	Reduce funding									
Capacity Status:CI		Exempt Category:Non-Exempt								
Est Total Cost: \$18,652		Open to Traffic: Jul 2022								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$16,580		\$1,641	\$2,407	\$2,392	\$6,360	\$3,780	\$5,440	\$1,000	\$10,140
TransNet - LSI Carry Over	\$209		\$209					\$209		
Local Funds	\$1,863	\$1,863						\$1,863		
TOTAL	\$18,652	\$1,863	\$1,850	\$2,407	\$2,392	\$6,360	\$3,780	\$7,512	\$1,000	\$10,140

* additional construction funds are outside of the 5 year RTIP cycle

PROJECT LAST AMENDED 16-06										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$17,080		\$1,641	\$2,907	\$2,392	\$6,360	\$3,780	\$5,940	\$1,000	\$10,140
TransNet - LSI Carry Over	\$209		\$209					\$209		
Local Funds	\$1,863	\$1,863						\$1,863		
TOTAL	\$19,152	\$1,863	\$1,850	\$2,907	\$2,392	\$6,360	\$3,780	\$8,012	\$1,000	\$10,140

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS33A		RTIP #:16-12
Project Title:	Senior Disabled Program	
Project Description:	MTS service area - subsidy for senior and disabled as required by <i>TransNet</i>	
Change Reason:	Reduce funding	
Capacity Status:	NCI Exempt Category: Mass Transit - Transit operating assistance	

Est Total Cost: \$8,613										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - ADA	\$8,577	\$4,284	\$804	\$830	\$855	\$886	\$918	\$8,577		
<i>TransNet</i> - ADA Carryover	\$36	\$36						\$36		
TOTAL	\$8,613	\$4,320	\$804	\$830	\$855	\$886	\$918	\$8,613		
PROJECT LAST AMENDED 16-03										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - ADA	\$8,618	\$4,284	\$804	\$830	\$865	\$899	\$936	\$8,618		
<i>TransNet</i> - ADA Carryover	\$36	\$36						\$36		
TOTAL	\$8,654	\$4,320	\$804	\$830	\$865	\$899	\$936	\$8,654		

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Santee, City of

MPO ID: SNT04		RTIP #:16-12
Project Title:	Santee Rehabilitation and Major Repair Work	<i>TransNet</i> - LSI: CR
Project Description:	Multiple locations as recommended by Pavement Management Program report -Pavement Zones: AA, AC, AF, BC, BE, BF, BJ, CC, DA, DB, DD, DE, ED, EE, EF - Reconstruction and rehabilitation in the form of removal and replacement of existing pavement sections 2 inches minimum, 1.5 inch minimum overlay, pedestrian ramps, sidewalk improvements, and drainage improvements as part of the rehabilitation improvements.	
Change Reason:	Increase funding, Revise Fund Source	
	Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$24,671**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - Bond	\$9,855	\$7,459	\$2,397					\$343		\$9,512
<i>TransNet</i> - L	\$7,729	\$7,729								\$7,729
<i>TransNet</i> - LSI	\$1,729	\$287		\$340	\$332	\$366	\$404	\$140		\$1,589
<i>TransNet</i> - LSI (Cash)	\$1	\$1								\$1
<i>TransNet</i> - LSI Carry Over	\$3,001	\$3,001						\$157		\$2,844
Local Funds	\$2,356	\$1,186			\$279	\$416	\$475	\$15		\$2,341
TOTAL	\$24,671	\$19,663	\$2,397	\$340	\$611	\$782	\$879	\$655		\$24,016

PROJECT LAST AMENDED 16-04

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - Bond	\$9,855	\$7,459	\$2,397					\$343		\$9,512
<i>TransNet</i> - L	\$7,729	\$7,729								\$7,729
<i>TransNet</i> - LSI	\$1,900	\$287		\$340	\$383	\$423	\$467	\$140		\$1,760
<i>TransNet</i> - LSI (Cash)	\$1	\$1								\$1
<i>TransNet</i> - LSI Carry Over	\$3,001	\$3,001						\$157		\$2,844
Local Funds	\$1,186	\$1,186						\$15		\$1,171
TOTAL	\$23,672	\$19,663	\$2,397	\$340	\$383	\$423	\$467	\$655		\$23,017

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Santee, City of

MPO ID: SNT22		RTIP #:16-12								
Project Title:	Santee Slurry Seal and Roadway Maintenance							TransNet - LSI: Maint		
Project Description:	Various locations as defined in pavement management report, and including neighborhood zones BB, BF, and ED - Maintenance repair in the form of grind and patch failed areas followed by Cape seal or Slurry seal of the street									
Change Reason:	Add new funding source, Increase funding									
Capacity Status:	NCI		Exempt Category: Safety - Pavement resurfacing and/or rehabilitation							
Est Total Cost: \$4,205										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$1,601	\$600	\$384	\$145	\$142	\$157	\$173	\$90		\$1,511
TransNet - LSI Carry Over	\$1,434	\$904	\$530					\$78		\$1,356
Local Funds	\$1,170				\$279	\$416	\$475			\$1,170
TOTAL	\$4,205	\$1,504	\$914	\$145	\$421	\$573	\$648	\$168		\$4,037
PROJECT LAST AMENDED 16-04										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$1,674	\$600	\$384	\$145	\$164	\$181	\$200	\$90		\$1,584
TransNet - LSI Carry Over	\$1,434	\$904	\$530					\$78		\$1,356
TOTAL	\$3,108	\$1,504	\$914	\$145	\$164	\$181	\$200	\$168		\$2,940

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V11		RTIP #:16-12								
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. 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:	Add new funding source, Reduce funding									
RT:11	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$681,747		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		\$1,138	\$722	\$4,628			\$1,860	\$4,628	
TransNet - MC	\$4,343	\$68	\$888	\$1,527	\$1,860			\$2,483	\$1,860	
CBI	\$127,139	\$78,789	\$45,000	\$3,350				\$29,698	\$94,091	\$3,350
HPP	\$800	\$800						\$800		
INFRA/FASTLANE	\$49,278			\$49,278						\$49,278
ITS	\$439	\$439						\$439		
Prop 1B - TCIF	\$74,155	\$71,625		\$2,530						\$74,155
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	\$406,104				\$406,104			\$5,657		\$400,447
TOTAL	\$681,747	\$164,722	\$47,026	\$57,407	\$412,592			\$53,938	\$100,579	\$527,230
PROJECT LAST AMENDED 16-07										
	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

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V12		RTIP #:16-12
Project Title:	Grouped Projects for Bicycle and Pedestrian Facilities.	SANDAG ID: 1223036,
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories - bicycle and pedestrian facilities (both motorized and non-motorized)	1223044, 1223045, 1223054, 1223057, 1223058, 1223059, 1223060, 1223062, 1223063, 1223064, 1223065
Change Reason:	Revise funding between fiscal years	
	Capacity Status:NCI Exempt Category:Air Quality - Bicycle and pedestrian facilities	

Est Total Cost: \$36,218										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - B</i>	\$500	\$500								\$500
<i>TransNet - BPNS</i>	\$25,639	\$2,116	\$3,116	\$3,329	\$9,145	\$3,957	\$3,976			\$25,639
<i>TransNet - LSI Carry Over</i>	\$980	\$980								\$980
ATP - R	\$3,335			\$3,335						\$3,335
ATP - S	\$4,450					\$4,450				\$4,450
Local Funds	\$1,300	\$1,100		\$200						\$1,300
Local RTCIP	\$14		\$14							\$14
TOTAL	\$36,218	\$4,696	\$3,130	\$6,864	\$9,145	\$8,407	\$3,976			\$36,218

PROJECT LAST AMENDED 16-09										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - B</i>	\$500	\$500								\$500
<i>TransNet - BPNS</i>	\$25,639	\$2,116	\$3,116	\$3,329	\$9,145	\$3,957	\$3,976			\$25,639
<i>TransNet - LSI Carry Over</i>	\$980	\$980								\$980
ATP - R	\$3,335					\$3,335				\$3,335
ATP - S	\$4,450					\$4,450				\$4,450
Local Funds	\$1,300	\$1,100		\$30		\$170				\$1,300
Local RTCIP	\$14		\$14							\$14
TOTAL	\$36,218	\$4,696	\$3,130	\$3,359	\$9,145	\$11,912	\$3,976			\$36,218

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V14		RTIP #:16-12									
Project Title:	Grouped Projects for Active Transportation Program (ATP)							SANDAG ID: 1223014			
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories - bicycle and pedestrian facilities (both motorized and non-motorized)										
Change Reason:	Reduce funding										
Capacity Status:NCI		Exempt Category:Air Quality - Bicycle and pedestrian facilities									
Est Total Cost: \$47,545											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - BPNS	\$3,230	\$1,659	\$1,018	\$156	\$181	\$164	\$52			\$3,230	
ATP - R	\$17,664	\$12,385	\$188	\$1,035	\$880	\$1,834	\$1,342			\$17,664	
ATP - S	\$18,790	\$1,955	\$3,900	\$4,264	\$6,993	\$1,678				\$18,790	
Local Funds	\$7,861	\$1,340	\$591	\$1,518	\$4,412					\$7,861	
TOTAL	\$47,545	\$17,339	\$5,697	\$6,973	\$12,466	\$3,676	\$1,394			\$47,545	
PROJECT LAST AMENDED 16-09											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - BPNS	\$3,230	\$1,659	\$1,018	\$156	\$181	\$164	\$52			\$3,230	
ATP - R	\$18,423	\$12,385	\$638	\$780	\$1,444	\$1,834	\$1,342			\$18,423	
ATP - S	\$18,790	\$1,955	\$3,900	\$4,264	\$6,993	\$1,678				\$18,790	
Local Funds	\$8,736	\$1,340	\$591	\$1,393	\$5,412					\$8,736	
TOTAL	\$49,179	\$17,339	\$6,147	\$6,593	\$14,030	\$3,676	\$1,394			\$49,179	

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

RTIP Fund Types

<u>Federal Funding</u>	
ARRA	American Recovery and Reinvestment Act (Federal Stimulus Program)
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)
EARREPU	Earmark Repurposing
FRA-ARRA	Federal Railroad Administration (Federal Stimulus)
FRA-PRIIA	Federal Railroad Administration Passenger Rail Investment and Improvement Act of 2008
FTA Section 5307	Federal Transit Administration Urbanized Area Formula Program
FTA Section 5339	Federal Transit Administration Bus and Bus Facilities Formula Grant Program
HBP	Highway Bridge Program under SAFETEA-LU
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)
TE	Transportation Enhancement Program
CMAQ/RSTP Conversion	Reimbursement of advanced federal funds which have been advanced with local funds in earlier years
<u>State Funding</u>	
ATP	Active Transportation Program (Statewide and Regional)
SLPP	State Local Partnership Program (State Prop. 1B)
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>	
RTCIP	Regional Transportation Congestion Improvement Program
TDA-B	Transportation Development Act-Bicycle & Pedestrian Facilities
TransNet-ADA	Prop. A Local Transportation Sales Tax - Transit
TransNet-B	Prop. A Local Transportation Sales Tax - Bike
TransNet-Border	Prop. A Extension Local Transportation Sales Tax - Border
TransNet-BPNS	Prop. A Extension Local Transportation Sales Tax - Bicycle, Pedestrian and Neighborhood Safety Program
TransNet-CP	Prop. A Local Transportation Sales Tax - Commercial Paper
TransNet-L	Prop. A Local Transportation Sales Tax - Local Streets & Roads
TransNet-L (Cash)	TransNet - L funds which agencies have received payment, but have not spent
TransNet-LSI	Prop. A Extension Local Transportation Sales Tax - Local System Improvements

**2016 Regional Transportation Improvement Program
Amendment No. 12
San Diego Region (in \$000s)**

TransNet-LSI Carry Over	TransNet - LSI funds previously programmed but not requested/paid in year of allocation
TransNet-LSI (Cash)	TransNet - LSI funds which agencies have received payment, but have not spent
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

Table 2a: Revenues
San Diego Association of Governments (SANDAG)
2016 Regional Transportation Improvement Program (in \$000s)

	Funding Source	Prior Years	2016/2017		2017/2018		2018/2019		2019/2020		2020/2021		TOTAL	
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current
LOCAL	Sales Tax	\$2,293,832	\$559,357	\$549,008	\$612,083	\$621,451	\$587,833	\$591,753	\$461,531	\$458,388	\$550,583	\$550,450	\$5,065,047	\$5,064,882
	-- County	\$2,293,832	\$559,357	\$549,008	\$612,083	\$621,451	\$587,833	\$591,753	\$461,531	\$458,388	\$550,583	\$550,450	\$5,065,047	\$5,064,882
	Other Local Funds	\$428,813	\$122,100	\$122,100	\$144,221	\$84,948	\$501,409	\$501,109	\$90,423	\$90,253	\$80,956	\$80,956	\$1,367,922	\$1,308,179
	-- County General Funds													
	-- City General Funds	\$287,880	\$97,904	\$97,904	\$60,921	\$62,648	\$63,978	\$63,131	\$81,176	\$81,006	\$53,404	\$53,404	\$645,262	\$645,972
	-- Street Taxes and Developer Fees	\$140,934	\$24,196	\$24,196	\$83,300	\$22,300	\$437,431	\$437,978	\$9,247	\$9,247	\$27,552	\$27,552	\$722,660	\$662,207
	-- RSTP Exchange funds													
Other	\$523,266	\$103,609	\$103,609	\$80,348	\$80,395	\$91,749	\$92,307	\$88,018	\$88,849	\$86,869	\$87,820	\$973,859	\$976,246	
Local Total	\$3,245,912	\$785,066	\$774,717	\$836,652	\$786,793	\$1,180,990	\$1,185,169	\$639,971	\$637,489	\$718,409	\$719,227	\$7,480,843	\$7,349,307	
STATE	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$149,480	\$147,510	\$54,562	\$98,533	\$149,755	\$160,872	\$2,593	\$2,593	\$539,162	\$592,280
	SHOPP (Including Augmentation)	\$33,819	\$148,953	\$148,953	\$149,480	\$147,510	\$54,562	\$98,533	\$149,755	\$160,872	\$2,593	\$2,593	\$539,162	\$592,280
	SHOPP Prior													
	State Minor Program													
	State Transportation Improvement Program	\$603,307	\$1,105	\$1,105	\$2,105	\$2,105	\$1,105	\$1,105			\$44,000	\$44,000	\$651,622	\$651,622
	STIP (Including Augmentation)	\$561,551	\$1,105	\$1,105	\$2,105	\$2,105	\$1,105	\$1,105			\$44,000	\$44,000	\$609,866	\$609,866
	Transportation Enhancement													
	STIP Prior	\$41,756											\$41,756	\$41,756
	Transportation Enhancement													
	Proposition 1 A	\$99,698											\$99,698	\$99,698
	Proposition 1 B	\$709,633	\$3,224	\$3,224		\$2,530					\$1,319	\$1,319	\$714,175	\$716,705
	GARVEE Bonds (Includes Debt Service Payments)	\$197,000											\$197,000	\$197,000
	Highway Maintenance (HM)		\$1,951	\$1,951									\$1,951	\$1,951
	Traffic Congestion Relief Program (TCRP)	\$155,194	\$4,052	\$4,052									\$159,246	\$159,246
	State Transit Assistance (e.g., population/revenue based, Prop 42)	\$96,445	\$12,951	\$12,951	\$8,502	\$8,502	\$22,246	\$22,246	\$15,420	\$15,420	\$15,420	\$15,420	\$170,984	\$170,984
Active Transportation Program	\$14,340	\$4,538	\$4,538	\$12,438	\$17,497	\$18,125	\$17,561	\$11,649	\$8,314	\$3,231	\$3,231	\$64,321	\$65,481	
Other	\$20,720	\$56,829	\$56,829	\$18,672	\$18,672	\$16,011	\$16,011	\$11,659	\$11,659	\$11,659	\$11,659	\$135,550	\$135,550	
State Total	\$1,930,155	\$233,603	\$233,603	\$191,197	\$196,816	\$112,049	\$155,456	\$188,483	\$196,265	\$78,222	\$78,222	\$2,654,402	\$2,790,517	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$524,273	\$66,534	\$66,534	\$71,578	\$71,578	\$71,135	\$71,135	\$71,135	\$71,135	\$71,135	\$71,135	\$875,790	\$875,790
	5308 - Clean Fuel Formula Program													
	5309a - Fixed Guideway Modernization	\$99,768											\$99,768	\$99,768
	5309b - New and Small Starts (Capital Investment Grants)	\$123,331	\$50,000	\$50,000	\$100,000	100,000	\$100,000	100,000	\$100,000	100,000	\$593,380	\$593,380	\$1,066,711	\$1,066,711
	5309c - Bus and Bus Related Grants	\$57,734											\$57,734	\$57,734
	5310 - Mobility of Seniors and Individuals with Disabilities	\$3,391	\$3,798	\$3,798									\$7,189	\$7,189
	5311 - Nonurbanized Area Formula Program	\$6,806	\$965	\$965	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$11,383	\$11,383
	5316 - Job Access and Reverse Commute Program													
	5317 - New Freedom													
	5337 - State of Good Repair	\$130,176	\$37,939	\$37,939	\$39,389	\$39,389	\$39,828	\$39,828	\$39,828	\$39,828	\$39,828	\$39,828	\$326,988	\$326,988
	5339 - Bus and Bus Facilities Program	\$13,417	\$4,974	\$4,974	\$5,648	\$5,648	\$5,470	\$5,470	\$5,470	\$5,470	\$5,470	\$5,470	\$40,449	\$40,449
	Other	\$93,839	\$160	\$160									\$93,999	\$93,999
Federal Transit Total	\$1,052,736	\$164,370	\$164,370	\$217,517	\$217,517	\$217,336	\$217,336	\$217,336	\$217,336	\$710,716	\$710,716	\$2,580,010	\$2,580,010	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) *	\$340,096	\$47,143	\$47,143	\$15,763	\$15,763	\$33,531	\$33,531	\$34,223	\$34,223	\$34,223	\$34,223	\$504,977	\$504,977
	Coordinated Border Infrastructure (SAFETEA-LU Sec. 1303)	\$190,775	\$45,000	\$45,000		\$3,350							\$237,381	\$239,125
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)													
	High Priority Projects (HPP) and Demo	\$113,582	\$5,841	\$5,841	\$1,307	\$1,307							\$120,731	\$120,731
	High Risk Rural Road (HRRR)													
	Highway Bridge Program (HBP)	\$43,955	\$11,930	\$11,930	\$3,317	\$3,317	\$1,755	\$1,755	\$14,733	\$14,733	\$282,416	\$282,416	\$358,105	\$358,105
	Highway Safety Improvement Program (HSIP)	\$1,885	\$4,750	\$4,750	\$3,842	\$3,842	\$12,585	\$12,585	\$13,231	\$13,231			\$36,293	\$36,293
	Safe Routes to School (SRTS) (SAFETEA-LU)													
	Surface Transportation Program (Regional)	\$432,594	\$39,148	\$39,148	\$40,826	\$40,826	\$43,072	\$43,072	\$44,862	\$44,862	\$44,862	\$44,862	\$645,364	\$645,364
Other	\$248,299	\$3,667	\$3,667	\$2,886	\$52,164	\$1,700	\$2,312			\$9	\$9	\$256,560	\$306,450	
Federal Highway Total	\$1,371,187	\$157,478	\$157,478	\$67,940	\$120,568	\$92,642	\$93,254	\$107,048	\$107,048	\$361,510	\$361,510	\$2,158,325	\$2,211,045	
FRA	American Recovery and Reinvestment Act of 2009													
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$26,479											\$26,479	\$26,479
	Other													
Federal Railroad Administration Total	\$26,479											\$26,479	\$26,479	
Federal Total	\$2,450,401	\$321,848	\$321,848	\$285,457	\$338,085	\$309,978	\$310,590	\$324,384	\$324,384	\$1,072,225	\$1,072,225	\$4,765,900	\$4,817,534	
INNOVATIVE FINA	TIFIA (Transportation Infrastructure Finance and Innovation Act)										\$537,484	\$537,484	\$537,484	\$537,484
	Innovative Financing Total										\$537,484	\$537,484	\$537,484	\$537,484
REVENUES TOTAL	\$7,626,469	\$1,340,517	\$1,330,168	\$1,313,306	\$1,321,694	\$1,603,017	\$1,651,214	\$1,152,839	\$1,158,139	\$1,868,857	\$1,869,675	\$14,906,436	\$14,957,359	

Note: Highlighted sections refer to changes from prior amendment

*CMAQ revenues reflect updates to final apportionments for FY 2017 and a payback of borrowed apportionment to OCTA in FY 2018

Table 2b: Program
San Diego Association of Governments (SANDAG)
2016 Regional Transportation Improvement Program (in \$000s)

Funding Source		Prior Years	2016/2017		2017/2018		2018/2019		2019/2020		2020/2021		TOTAL		
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
LOCAL	Local Total	\$3,245,912	\$757,536	\$747,159	\$814,024	\$764,166	\$1,166,265	\$1,170,033	\$635,360	\$632,416	\$705,940	\$706,237	\$7,324,865	\$7,265,924	
	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$149,480	\$147,510	\$54,562	\$98,533	\$149,755	\$160,872	\$2,593	\$2,593	\$539,162	\$592,280	
STATE	SHOPP (Including Augmentation)	\$33,819	\$148,953	\$148,953	\$149,480	\$147,510	\$54,562	\$98,533	\$149,755	\$160,872	\$2,593	\$2,593	\$539,162	\$592,280	
	State Transportation Improvement Program	\$603,307	\$1,105	\$1,105	\$2,105	\$2,105	\$1,105	\$1,105			\$44,000	\$44,000	\$651,622	\$651,622	
	STIP (Including Augmentation)	\$561,551	\$1,105	\$1,105	\$2,105	\$2,105	\$1,105	\$1,105			\$44,000	\$44,000	\$609,866	\$609,866	
	<i>Transportation Enhancement</i>														
	STIP Prior	\$41,756											\$41,756	\$41,756	
	<i>Transportation Enhancement</i>														
	Proposition 1 A	\$99,698												\$99,698	\$99,698
	Proposition 1 B	\$709,633	\$3,224	\$3,224		\$2,530					\$1,319	\$1,319	\$714,175	\$716,705	
	GARVEE Bonds (Includes Debt Service Payments)	\$197,000												\$197,000	\$197,000
	Highway Maintenance (HM)		\$1,951	\$1,951										\$1,951	\$1,951
	Traffic Congestion Relief Program (TCRP)	\$155,194	\$4,052	\$4,052										\$159,246	\$159,246
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)	\$96,445	\$12,951	\$12,951	\$8,502	\$8,502	\$22,246	\$22,246	\$15,420	\$15,420	\$15,420	\$15,420	\$170,984	\$170,984	
	Active Transportation Program	\$14,340	\$4,538	\$4,538	\$12,438	\$17,497	\$18,125	\$17,561	\$11,649	\$8,314	\$3,231	\$3,231	\$64,321	\$65,481	
	Other	\$20,720	\$56,829	\$56,829	\$18,672	\$18,672	\$16,011	\$16,011	\$11,659	\$11,659	\$11,659	\$11,659	\$135,550	\$135,550	
	State Total	\$1,930,155	\$233,603	\$233,603	\$191,197	\$196,816	\$112,049	\$155,456	\$188,483	\$196,265	\$78,222	\$78,222	\$2,654,402	\$2,790,517	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$524,273	\$66,534	\$66,534	\$71,578	\$71,578	\$71,135	\$71,135	\$71,135	\$71,135	\$71,135	\$71,135	\$875,790	\$875,790	
	5308 - Clean Fuel Formula Program														
	5309a - Fixed Guideway Modernization	\$99,768											\$99,768	\$99,768	
	5309b - New and Small Starts (Capital Investment Grants)	\$123,331	\$50,000	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$593,380	\$593,380	\$1,066,711	\$1,066,711	
	5309c - Bus and Bus Related Grants	\$57,734											\$57,734	\$57,734	
	5310 - Elderly & Persons with Disabilities Formula Program	\$3,391	\$3,798	\$3,798									\$7,189	\$7,189	
	5311 - Nonurbanized Area Formula Program	\$6,806	\$965	\$965	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$903	\$11,383	\$11,383	
	5312 - National Research and Technology Program														
	5311f - Intercity Bus														
	5337 - State of Good Repair	\$130,176	\$37,939	\$37,939	\$39,389	\$39,389	\$39,828	\$39,828	\$39,828	\$39,828	\$39,828	\$39,828	\$326,988	\$326,988	
	5339 - Bus and Bus Facilities Program	\$13,417	\$4,974	\$4,974	\$5,648	\$5,648	\$5,470	\$5,470	\$5,470	\$5,470	\$5,470	\$5,470	\$40,449	\$40,449	
	Other	\$93,839	\$160	\$160										\$93,999	\$93,999
Federal Transit Total	\$1,052,736	\$164,370	\$164,370	\$217,517	\$217,517	\$217,336	\$217,336	\$217,336	\$217,336	\$217,336	\$217,336	\$710,716	\$710,716	\$2,580,010	\$2,580,010
FEDERAL HIGHWAY	Bridge Discretionary Program														
	Congestion Mitigation and Air Quality (CMAQ)	\$340,096	\$47,143	\$47,143	\$15,763	\$15,763	\$33,531	\$33,531	\$34,223	\$34,223	\$18,227	\$18,227	\$488,982	\$488,982	
	Coordinated Border Infrastructure (SAFETEA-LU Sec.1303)	\$190,775	\$45,000	\$45,000		\$3,350							\$237,381	\$239,125	
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)														
	Federal Lands Highway														
	Ferry Boat Discretionary														
	High Priority Projects (HPP) and Demo	\$113,582	\$5,841	\$5,841	\$1,307	\$1,307							\$120,731	\$120,731	
	High Risk Rural Road (HRRR)														
	Highway Bridge Program (HBP)	\$43,955	\$11,930	\$11,930	\$3,317	\$3,317	\$1,755	\$1,755	\$14,733	\$14,733	\$282,416	\$282,416	\$358,105	\$358,105	
	Highway Safety Improvement Program (HSIP)	\$1,885	\$4,750	\$4,750	\$3,842	\$3,842	\$12,585	\$12,585	\$13,231	\$13,231			\$36,293	\$36,293	
	National Scenic Byways Program														
	Projects of National/Regional Significance (SAFETEA-LU Sec. 1301)														
	Public Lands Highway														
	Railway (Section 130)														
	Recreational Trails														
Safe Routes to School (SRTS) (SAFETEA-LU)															
Surface Transportation Program (Regional) Transportation Improvements (TI)	\$432,594	\$39,148	\$39,148	\$40,826	\$40,826	\$43,072	\$43,072	\$16,994	\$19,166	\$3,250	\$3,250	\$575,884	\$578,056		
Other	\$248,299	\$3,667	\$3,667	\$2,886	\$52,164	\$1,700	\$2,312			\$9	\$9	\$256,560	\$306,450		
Federal Highway Total	\$1,371,187	\$157,478	\$157,478	\$67,940	\$120,568	\$92,642	\$93,254	\$79,180	\$81,352	\$303,902	\$303,902	\$2,072,850	\$2,127,741		
FRA	American Recovery and Reinvestment Act of 2009 (ARRA)														
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$26,479											\$26,479	\$26,479	
	Other														
Federal Railroad Administration Total	\$26,479												\$26,479	\$26,479	
Federal Total	\$2,450,401	\$321,848	\$321,848	\$285,457	\$338,085	\$309,978	\$310,590	\$296,516	\$298,688	\$1,014,618	\$1,014,618	\$4,666,489	\$4,734,231		
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									\$537,484	\$537,484	\$537,484	\$537,484		
	Innovative Financing Total									\$537,484	\$537,484	\$537,484	\$537,484		
PROGRAM TOTAL		\$7,626,469	\$1,312,987	\$1,302,611	\$1,290,678	\$1,299,067	\$1,588,292	\$1,636,078	\$1,120,359	\$1,127,369	\$2,336,265	\$2,336,562	\$15,276,482	\$15,328,156	

Note: Highlighted sections refer to changes from prior amendment

Table 2c: Revenues versus Program
San Diego Association of Governments (SANDAG)
2016 Regional Transportation Improvement Program (in \$000s)

Funding Source		Prior	2016/2017		2017/2018		2018/2019		2019/2020		2020/2021		TOTAL	
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current
LOCAL	Local Total		\$27,530	\$27,558	\$22,628	\$22,627	\$14,725	\$15,136	\$4,612	\$5,073	\$12,468	\$12,989	\$81,963	\$83,384
	STATE													
STATE	State Highway Operations and Protection Program													
	SHOPP (Including Augmentation)													
	SHOPP Prior													
	State Minor Program													
	State Transportation Improvement Program													
	STIP (Including Augmentation)													
	<i>Transportation Enhancement</i>													
	STIP Prior													
	Proposition 1 A													
	Proposition 1 B													
	GARVEE Bonds (Includes Debt Service Payments)													
	Highway Maintenance (HM)													
	Traffic Congestion Relief Program (TCRP)													
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)													
	Safe Routes to School (SR2S)													
State Emergency Repair Program														
Other														
State Total														
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program													
	5308 - Clean Fuel Formula Program													
	5309a - Fixed Guideway Modernization													
	5309b - New and Small Starts (Capital Investment Grants)													
	5309c - Bus and Bus Related Grants													
	5310 - Elderly & Persons with Disabilities Formula Program													
	5311 - Nonurbanized Area Formula Program													
	5311c - Public Transportation on Indian Reservation													
	5312 - National Research and Technology Program													
	5337 - State of Good Repair													
	5339 - Bus and Bus Facilities Program													
	Other													
Federal Transit Total														
FEDERAL HIGHWAY	Bridge Discretionary Program													
	Congestion Mitigation and Air Quality (CMAQ)									\$15,995	\$15,995	\$15,995	\$15,995	
	Coordinated Border Infrastructure (SAFETEA-LU Sec.1303)													
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)													
	High Priority Projects (HPP) and Demo													
	High Risk Rural Road (HRRR)													
	Highway Bridge Program (HBP)													
	Highway Safety Improvement Program (HSIP)													
	Recreational Trails													
	Safe Routes to School (SRTS) (SAFETEA-LU)													
	Surface Transportation Program (Regional)								\$27,868	\$25,696	\$41,612	\$41,612	\$69,481	\$67,309
	Other													
Federal Highway Total								\$27,868	\$25,696	\$57,607	\$57,607	\$85,476	\$83,304	
FRA	American Recovery and Reinvestment Act of 2009													
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)													
	Other													
Federal Railroad Administration Total														
Federal Total								\$27,868	\$25,696	\$57,607	\$57,607	\$85,476	\$83,304	
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)													
	Innovative Financing Total													
REVENUES - PROGRAM TOTAL			\$27,530	\$27,558	\$22,628	\$22,627	\$14,725	\$15,136	\$32,480	\$30,769	\$70,076	\$70,597	\$167,439	\$166,687

SANDAG 2016 RTIP

Amendment No. 12

Summary of Changes

**Summary of Changes
2016 RTIP - Amendment No. 12**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Caltrans	CAL09	Interstate 5 - HOV/Managed Lanes	0%	\$0	\$543,963,679	\$543,963,679	Revise funding between fiscal years
Caltrans	CAL46A	Grouped Projects for Safety Improvements - SHOPP Mobility Program	0%	\$0	\$59,459,000	\$59,459,000	Lump sum revision
Caltrans	CAL46B	Grouped Projects for Safety Improvements - SHOPP Collision Reduction (CR) Program	10%	\$10,831,000	\$112,826,000	\$123,657,000	Increase funding
Caltrans	CAL46D	Grouped Projects for Bridge Preservation	52%	\$28,130,000	\$54,312,000	\$82,442,000	Increase funding
Caltrans	CAL46E	Grouped Projects for Pavement Resurfacing and/or Rehabilitation - SHOPP Roadway Preservation Program	1%	\$2,642,000	\$177,226,000	\$179,868,000	Increase funding
Caltrans	CAL46I	Grouped Projects for Safety Improvements - SHOPP Mandates Program	27%	\$9,700,000	\$35,322,000	\$45,022,000	Increase funding
Caltrans	CAL75	I-5 Genesee Interchange and Widening	0%	\$459	\$101,324,000	\$101,324,459	Revise funding between fiscal years
Caltrans	CAL78D	805 South Soundwalls - Unit 1 and Sweetwater River Bridge Upgrade	0%	-\$48	\$38,289,000	\$38,288,952	Revise funding between fiscal years
Caltrans	CAL483	SHOPP Multiple Objective - Asset Management Pilot Project		\$1,815,000	\$0	\$1,815,000	New Project
Chula Vista, City of	CHV06	Pavement Rehabilitation Program	-1%	-\$277,953	\$24,819,950	\$24,541,997	Reduce funding
Chula Vista, City of	CHV45	Traffic Monitoring Program	1%	\$13,137	\$1,366,134	\$1,379,271	Increase funding
Chula Vista, City of	CHV48	Pavement Major Rehabilitation	-1%	-\$521,048	\$39,053,810	\$38,532,762	Reduce funding
San Diego County	CNTY82	Alpine Boulevard Streetscape Improvements	9%	\$500,000	\$5,420,387	\$5,920,387	Increase funding
San Diego County	CNTY88	Ashwood Street Corridor Improvements (Mapleview to Willow)	-3%	-\$500,000	\$19,152,000	\$18,652,000	Reduce funding

**Summary of Changes
2016 RTIP - Amendment No. 12**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Encinitas, City of	ENC14A	Street Overlay Program	-1%	-\$165,000	\$28,820,816	\$28,655,816	Reduce funding, Revise funding between fiscal years
Encinitas, City of	ENC17	Safe Routes to School Sidewalk Program	-2%	-\$84,000	\$5,495,412	\$5,411,412	Reduce funding
Encinitas, City of	ENC28	Traffic Signal Modifications	2%	\$15,000	\$912,064	\$927,064	Increase funding
La Mesa, City of	LAM48	West La Mesa Pedestrian and Bicycle Connectivity Project	60%	\$2,000,000	\$3,351,000	\$5,351,000	Add new funding source, Increase funding
Lemon Grove, City of	LG13	Lemon Grove Avenue Realignment Project	1%	\$45,516	\$3,964,980	\$4,010,496	Increase funding, Revise funding between fiscal years
Lemon Grove, City of	LG14	Traffic Improvements (Preventive Maintenance)	-9%	-\$115,000	\$1,219,563	\$1,104,563	Reduce funding
Lemon Grove, City of	LG15	Storm Drain Rehabilitation (Preventive Maintenance)	0%	-\$533	\$733,409	\$732,876	Reduce funding
Lemon Grove, City of	LG16	Storm Drain Rehabilitation (Congestion Relief)	0%	-\$6,000	\$1,207,753	\$1,201,753	Reduce funding
Lemon Grove, City of	LG17	Street Improvements (Preventive Maintenance)	0%	-\$3,000	\$788,787	\$785,787	Reduce funding
Lemon Grove, City of	LG18	Traffic Improvements (Congestion Relief)	0%	-\$1,000	\$332,721	\$331,721	Reduce funding
Lemon Grove, City of	LG20	Street Improvements (Congestion Relief - Non CI)	0%	\$18,365	\$3,794,593	\$3,812,958	Increase funding, Revise Fund Source
San Diego Metropolitan Transit System	MTS33A	Senior Disabled Program	0%	-\$41,000	\$8,653,719	\$8,612,719	Reduce funding
National City, City of	NC03	Street Resurfacing Project	4%	\$764,914	\$20,780,295	\$21,545,209	Add new funding source, Increase funding
San Diego Association of Governments	SAN73	San Elijo Lagoon Double Track	5%	\$3,999,671	\$73,610,149	\$77,609,820	Increase funding, Revise funding between fiscal years

Summary of Changes 2016 RTIP - Amendment No. 12

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
San Diego Association of Governments	SAN114	Grouped Projects for Rehabilitation or Reconstruction of Track Structures, Track, and Trackbed in Existing Rights-of-Way: Coastal Rail Corridor	-2%	-\$4,000,128	\$217,915,994	\$213,915,866	Reduce funding
San Diego Association of Governments	SAN129	Downtown Multiuse and Bus Stopover Facility	0%	-\$450	\$45,975,328	\$45,974,878	Revise funding between fiscal years
San Diego Association of Governments	SAN148	Grouped Projects for Bicycle and Pedestrian Facilities - Coastal Rail Trail	0%	\$173	\$33,389,296	\$33,389,469	Revise funding between fiscal years
San Diego Association of Governments	SAN227	Grouped Projects for Bicycle and Pedestrian Facilities - North Park/Mid-City Bikeways	0%	\$147	\$22,641,247	\$22,641,394	Revise funding between fiscal years
Santee, City of	SNT04	Santee Rehabilitation and Major Repair Work	4%	\$999,620	\$23,672,684	\$24,672,304	Increase funding, Revise Fund Source
Santee, City of	SNT22	Santee Slurry Seal and Roadway Maintenance	35%	\$1,097,220	\$3,108,466	\$4,205,686	Add new funding source, Increase funding
Various Agencies	V11	State Route 11	-1%	-\$6,901,000	\$688,648,000	\$681,747,000	Add new funding source, Reduce funding
Various Agencies	V12	Grouped Projects for Bicycle and Pedestrian Facilities.	0%	\$0	\$36,217,160	\$36,217,160	Revise funding between fiscal years
Various Agencies	V14	Grouped Projects for Active Transportation Program (ATP)	-3%	-\$1,634,000	\$49,178,985	\$47,544,985	Reduce funding
Total				\$48,322,062	\$2,486,946,381	\$2,535,268,443	

SANDAG 2016 RTIP

Amendment No. 12

Grouped Project Listings

April 27, 2018

**Grouped Projects for Safety Improvements -
SHOPP Mobility Program (CAL46A)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL437	Caltrans	In San Diego County, on various routes at various locations- Routes 5, 8, 52, 54, 94, 163, 805, and 905	Replace Changeable Message Sign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	\$0	\$0	\$0	\$585,000	\$5,287,000	\$0	\$5,872,000
CAL438	Caltrans	In San Diego County, on various routes at various locations.	In San Diego County, on various routes at various locations. Replace Changeable Message Sign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	\$0	\$0	\$0	\$6,446,000	\$0	\$0	\$6,446,000
CAL462	Caltrans	In San Diego County, at various locations.	In San Diego County, at various locations. Repair and install Vehicle Detection Stations (VDS) elements including Microwave Vehicle Detections Systems (MVDS) and loop detectors.	\$0	\$0	\$0	\$0	\$16,870,000	\$0	\$16,870,000
CAL463	Caltrans	In San Diego County, at various locations.	In San Diego County, at various locations. Update Microwave Vehicle Detection System (MVDS) elements for traffic flow monitoring and data collections.	\$0	\$0	\$0	\$5,215,000	\$0	\$0	\$5,215,000
CAL468	Caltrans	In San Diego County - Route 5/8 Separation to Route 5/76 Separation	In San Diego County, from 0.6 mile south of Route 5/8 Separation to 1.5 miles north of Route 5/76 Separation. Install VDS, CMS, CCTV, Ramp Metering, Traffic Signal and Fiber Optic Network elements. (PM: R19.5 / R55.4)	\$0	\$0	\$0	\$0	\$24,238,000	\$0	\$24,238,000
CAL472	Caltrans	In San Diego County at various locations (Routes 5,805, & 905)	In San Diego County at Various Locations on Route 5, 805, and 905. Install fiber optic line. (Post Miles: I-5 R0.3/R15.2; SR905 2.5/5.4; I-805 0.2/14.0); I-805 0.2/14.0)	\$0	\$0	\$818,000	\$0	\$0	\$0	\$818,000
Total				\$0	\$0	\$818,000	\$12,246,000	\$46,395,000	\$0	\$59,459,000

**Grouped Projects for Safety Improvements -
SHOPP Collision Reduction Program (CAL46B)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL351	Caltrans	In San Diego County - On Routes 94 and 125.	In San Diego County, at various locations on Routes 94 and 125. Improve maintenance worker safety by installing access gates and Maintenance Vehicle Pullouts (MVP), paving, construct concrete barrier and other measures.	\$0	\$0	\$6,886,000	\$0	\$0	\$0	\$6,886,000
CAL352	Caltrans	San Diego and Chula Vista - South of San Ysidro Blvd to North of Main St.	In the cities of San Diego and Chula Vista, from south of San Ysidro Boulevard to north of Main Street, at various locations, construct Maintenance Vehicle Pullouts (MVP), paving, construct concrete barrier and other measures.	\$0	\$0	\$6,296,000	\$0	\$0	\$0	\$6,296,000
CAL353	Caltrans	In San Diego and Chula Vista - Camino De La Plaza OC to Main Street OC.	In San Diego and Chula Vista, at various locations from Camino De La Plaza Overcrossing to Main Street Overcrossing. Construct pullouts and pave beyond gore areas to improve safety for maintenance personnel. (PM: R0.3/5.4)	\$0	\$5,587,000	\$0	\$0	\$0	\$0	\$5,587,000
CAL354	Caltrans	Buckman Springs Safety Roadside Rest Area (SRRA) Rehab	Near Pine Valley, at Buckman Springs Safety Roadside Rest Area (SRRA), rehabilitate SRRA sewer and water systems.	\$0	\$0	\$0	\$6,278,000	\$0	\$0	\$6,278,000
CAL365	Caltrans	San Diego - Robinson Ave to San Diego River Safety Enhancements	In the city of San Diego, from Robinson Avenue to San Diego River, safety enhancements that include lighting, rumble strips, striping, lighting, bridge rail end treatments and high friction surface treatment.	\$0	\$8,830,000	\$0	\$0	\$0	\$0	\$8,830,000
CAL366	Caltrans	San Diego - Landis St to Route 8, Improve Maintenance Worker Safety	In the city of San Diego, from Landis Street to Route 8, improve maintenance worker safety by relocating equipment away from traffic, installing access gates, constructing Maintenance Vehicle Pullouts (MVP), replace MBGR with concrete barrier, and other measures.	\$0	\$5,440,000	\$0	\$0	\$0	\$0	\$5,440,000
CAL371	Caltrans	I-8 San Diego - West of Morena Blvd to east of Hotel Circle Interchange	In the city of San Diego, from 0.2 mile west of Morena Boulevard to 0.1 mile east of Hotel Circle North interchange ramps. Restripe westbound I-8, add an additional westbound lane and improve signage. (PM: R0.1/2.0)	\$0	\$19,791,000	\$0	\$0	\$0	\$0	\$19,791,000
CAL401	Caltrans	Dulzura - Roadway realignment, curve improvement, shoulder widening.	Near Dulzura, from north of Marron Valley Road to south of Dutchman Canyon Road. Roadway realignment, curve improvement, and shoulder widening.	\$0	\$0	\$7,876,000	\$0	\$0	\$0	\$7,876,000

**Grouped Projects for Safety Improvements -
SHOPP Collision Reduction Program (CAL46B)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL422	Caltrans	In the city of San Diego on Routes 8 and 805.	In the city of San Diego, from east of Route 163 to east of Route 805; also on Route 805 from north of Adams Avenue to south of Route 8 (PM 17.3/17.5). Roadside safety improvements.	\$0	\$0	\$0	\$8,755,000	\$0	\$0	\$8,755,000
CAL427	Caltrans	In the city of San Diego and Santee, from Route 5 to Route 125.	Construct rumble strips, enhance pavement delineation, and construct concrete barriers (PM 0.0/14.8).	\$0	\$0	\$0	\$0	\$6,931,000	\$0	\$6,931,000
CAL430	Caltrans	In the city of San Diego on Routes 8 and 15.	In the city of San Diego, from east of Route 805 to east of Route 15; also on Route 15 from north of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements.	\$0	\$0	\$0	\$5,458,000	\$0	\$0	\$5,458,000
CAL432	Caltrans	In the city of San Diego and La Mesa, from west of Mission Gorge Road to west of Route 125.	Roadside safety improvements.	\$0	\$0	\$0	\$0	\$8,280,000	\$0	\$8,280,000
CAL433	Caltrans	In San Diego County, on various routes at various locations.	In San Diego County, on various routes at various locations. Construct maintenance vehicle pullouts, pave areas beyond the gore, upgrade crash cushions, reduce maintenance intensive landscaping and relocate irrigation controls.	\$0	\$0	\$0	\$6,023,000	\$0	\$0	\$6,023,000
CAL460	Caltrans	In San Diego County in Lemon Grove and La Mesa on Route 94 and on Route 125.	In Lemon Grove and La Mesa, at the Massachusetts Avenue Undercrossing and also on Route 125 at the Panorama Drive Undercrossing (PM 13.8). Construct outer barrier, apply friction enhancement treatment and upgrade guardrail and end treatments.	\$0	\$0	\$2,667,000	\$0	\$0	\$0	\$2,667,000
CAL464	Caltrans	In the City of San Diego and Santee	In the City of San Diego and Santee, from Mast Boulevard Undercrossing to Mission Gorge Road Undercrossing. Construct median barrier.	\$0	\$0	\$3,576,000	\$0	\$0	\$0	\$3,576,000
CAL465	Caltrans	In San Diego County at various locations.	In San Diego County, at various locations. Groove pavement, place high friction surface treatment (HFST) and upgrade lighting.	\$0	\$0	\$4,152,000	\$0	\$0	\$0	\$4,152,000
CAL473	Caltrans	Near Oceanside, Fallbrook OH to San Onofre Bridge.	Near Oceanside, from Fallbrook Overhead to 1.0 mile south of San Onofre Bridge. Install cable safety barrier.		\$0	\$0	\$1,588,000	\$0	\$0	\$1,588,000

**Grouped Projects for Safety Improvements -
SHOPP Collision Reduction Program (CAL46B)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL474	Caltrans	In San Diego County - On various Routes.	In San Diego County, on Routes 8, 67, 79, and 94 at various locations. Widen and grade existing hinges at end treatment platforms, and to upgrade guardrails and end treatments to current standards.		\$0	\$0	\$526,000	\$1,046,000	\$0	\$1,572,000
CAL475	Caltrans	In El Cajon - east of Grossmont Blvd OC to Second Street UC.	In El Cajon, at various locations, from 0.5 mile east of Grossmont Boulevard Overcrossing to Second Street Undercrossing. Construct MVPs, pave beyond gore areas, relocate irrigation controllers and reduce high maintenance landscaping.		\$0	\$0	\$1,646,000	\$0	\$0	\$1,646,000
CAL476	Caltrans	In San Diego and Lemon Grove - at various locations, west of 47th Street OC to west of College Avenue UC.	In the cities of San Diego and Lemon Grove, at various locations from 0.2 mile west of 47th Street Overcrossing to 0.6 mile west of College Avenue Undercrossing. Construct MVPs, pave areas beyond gore, upgrade guardrail, install concrete barrier/crash cushions, relocate irrigation/electrical equipment and upgrade curb ramps to current ADA standards.		\$0	\$0	\$340,000	\$901,000	\$0	\$1,241,000
CAL477	Caltrans	Lemon Grove and San Diego - 94/125 Separation.	In the cities of Lemon Grove and San Diego, from 0.1 mile south of Elkerton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.		\$0	\$0	\$431,000	\$864,000	\$0	\$1,295,000
CAL478	Caltrans	City of San Diego - construct MVPs, pave beyond gore areas, replace cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment, remove high maintenance landscaping.	In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate irrigation controls, and upgrade crash cushions.		\$0	\$0	\$453,000	\$1,109,000	\$0	\$1,562,000
CAL482	Caltrans	San Diego - Iris Street Overcrossing to Otay River Bridge Landscaping	In the city of San Diego, from Iris Street Overcrossing to Otay River Bridge. Replace deteriorated water supply lines and plant landscaping for erosion control.		\$0	\$0	\$304,000	\$564,000	\$0	\$868,000

**Grouped Projects for Safety Improvements -
SHOPP Collision Reduction Program (CAL46B)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL486	Caltrans	In San Diego County on various routes, warning signs.	In San Diego County on various routes in the western portion of the County, SR-52, SR-54, SR-56, SR-67, SR-75, SR-76, SR-78, SR-94, SR-125, SR-163, I-5, I-8, I-15, and I-805. Upgrade/install curve warning signs at horizontal curves.		\$0	\$0	\$498,000	\$561,000	\$0	\$1,059,000
Total				\$0	\$39,648,000	\$31,453,000	\$32,300,000	\$20,256,000	\$0	\$123,657,000

**Grouped Projects for Safety Improvements -
SHOPP Program (CAL46D)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL356	Caltrans	San Diego and Coronado - San Diego Coronado Bay Bridge Rehab and upgrade of electrical components.	In the cities of San Diego and Coronado, from 0.1 mile south of San Diego - Coronado Bay Bridge to 0.3 mile south of North Junction 5. Rehabilitate and upgrade bridge electrical components.	\$0	\$19,139,000	\$0	\$0	\$0	\$0	\$19,139,000
CAL357	Caltrans	Palomar Mountain State Park - Gomez Creek Bridge to La Jolla Amago Creek Bridge, bridge rail upgrades.	Near Palomar Mountain State Park, from Gomez Creek Bridge No. 57-0158 to La Jolla Amago Creek Bridge No. 57-0169 at various locations. Bridge rail upgrade.	\$0	\$4,846,000	\$0	\$0	\$0	\$0	\$4,846,000
CAL358	Caltrans	Campo - Campo Creek Bridge, upgrade bridge rails and bridge approach rails.	Near Campo at Campo Creek Bridge No. 57-0118, and 7 miles west of Manzanita at Campo Creek Bridge No. 57-0686. Upgrade bridge rails and bridge approach rails. Postmile (Beg PM 46.9 to End PM R58.9).	\$0	\$4,708,000	\$0	\$0	\$0	\$0	\$4,708,000
CAL396	Caltrans	Near Warner Springs, at Canada Verde Creek and Agua Caliente Creek Bridges	Near Warner Springs, at Canada Verde Creek Bridge and at Agua Caliente Creek Bridge. Rehabilitate bridge railing.	\$0	\$5,135,000	\$0	\$0	\$0	\$0	\$5,135,000
CAL397	Caltrans	In San Diego and Lemon Grove Overcrossings (Kelton Road and Grove Street)	In the city of San Diego at Kelton Road Overcrossing No. 57-0300; also in Lemon Grove at Grove Street Overcrossing No. 57-0322. Upgrade bridge rails.	\$0	\$6,213,000	\$0	\$0	\$0	\$0	\$6,213,000
CAL404	Caltrans	In various cities, at various routes - apply methacrylate to decks	In various cities, on various routes at various locations. Repair bridge decks, rails, and replace approach slabs.	\$0	\$3,085,000	\$0	\$0	\$0	\$0	\$3,085,000
CAL405	Caltrans	In various cities, on various routes at various locations	In various cities, on various routes at various locations. Repair bridge decks, rails, and replace approach slabs.	\$0	\$3,655,000	\$0	\$0	\$0	\$0	\$3,655,000
CAL440	Caltrans	In the city of San Diego and Coronado: San Diego-Coronado Bay Bridge.	In the city of San Diego and Coronado from San Diego-Coronado Bay Bridge to the Route 75/5 Connector Overcrossing. Bridge rehabilitation. (PM R20.5/R22.0)	\$0	\$0	\$0	\$0	\$0	\$2,593,000	\$2,593,000
CAL461	Caltrans	In San Diego County at various locations.	In San Diego County at various locations. Apply methacrylate to bridge decks, replace joint seals, repair unsound concrete and replace approach slabs.	\$0	\$0	\$0	\$4,938,000	\$0	\$0	\$4,938,000

**Grouped Projects for Safety Improvements -
SHOPP Program (CAL46D)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL484	Caltrans	In and near Chula Vista, Sweetwater River Bridge No. 57-0638R/L to Route 54.	In and near Chula Vista, from 0.2 mile south of Sweetwater River Bridge No. 57-0638R/L to Route 54. Upgrade bridge rails, widen bridges to make standard, and repair approach slabs, joint seals, gore pavement, and shoulders.	\$0	\$0	\$0	\$23,390,000	\$0	\$0	\$23,390,000
CAL485	Caltrans	Bridge Rail Replacement and Upgrade. San Diego, Quince Street to Washington Street.	In San Diego County in San Diego at various locations from Quince Street OC to Washington Street OC. Bridge Rail Replacement/Upgrade.	\$0	\$0	\$0	\$4,740,000	\$0	\$0	\$4,740,000
Total				\$0	\$46,781,000	\$0	\$33,068,000	\$0	\$2,593,000	\$82,442,000

**Grouped Projects for Safety Improvements -
Roadway Preservation Program (CAL46E)
Through Amendment No. 12**

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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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	SANDAG	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
CAL467	Caltrans	SANDAG	In San Diego County, at various locations, Midway Drive to Flinn Springs Road	In San Diego County, at various locations, from 0.5 mile west of Midway Drive Undercrossing to 0.6 mile west of Flinn Springs Road Undercrossing. Repair, rehabilitate and replace culvert systems. (PM: L0.7 / R23.0)		\$0	\$0	\$0	\$13,230,000	\$0	\$13,230,000

**Grouped Projects for Safety Improvements -
Roadway Preservation Program (CAL46E)
Through Amendment No. 12**

Project ID	Lead Agency	Project Location	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL469	Caltrans	SANDAG	In San Diego County at various locations on Route 78	In San Diego County at various locations from 0.1 mile east of Route 78/5 Separation to Route 15/78 Separation. Rehabilitate and replace culverts including invert paving, joint repair grouting, Cured-in-place Pipeliner (CIPP) and drainage inlet lid repair (PM: 0.0/R16.5)	\$0	\$0	\$811,000	\$0	\$0	\$0	\$811,000
CAL470	Caltrans	SANDAG	In San Diego County near Alpine on Route 8.	In San Diego County near Alpine from Viejas Creek Bridge to Pine Valley Creek Bridge. Grind, remove and replace Jointed Plain Concrete Pavement lanes, remove and replace asphalt concrete outside shoulders and cold plane and overlay inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips (PM: R31.8/R41.7)	\$0	\$0	\$936,000	\$0	\$0	\$0	\$936,000
CAL471	Caltrans	SANDAG	In San Diego County near La Mesa to Santee on Route 125.	In San Diego near La Mesa, from 0.2 mile south of S125-94 separation to Mission Gorge Road in Santee. Pavement Rehabilitation.	\$0	\$0	\$1,383,000	\$0	\$0	\$0	\$1,383,000
CAL481	Caltrans	SANDAG	In San Diego - Replace aging roadside sign panels with retroreflective sheeting	In San Diego County at various locations on various routes, replace aging roadside sign panels with retroreflective sheeting		\$0	\$0	\$355,000	\$2,287,000	\$0	\$2,642,000
Total					\$0	\$50,878,000	\$44,248,000	\$6,176,000	\$78,566,000	\$0	\$179,868,000

**Grouped Projects for Safety Improvements -
SHOPP Mandates Program (CAL46I)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL350	Caltrans	San Diego - SR 805 to SR 163, Repair median erosion and implement storm water quality measures.	In the city of San Diego from Route 805 to Route 163. Repair median erosion and implement storm water quality measures.	\$0	\$0	\$4,520,000	\$0	\$0	\$0	\$4,520,000
CAL355	Caltrans	Lemon Grove - Paradise Valley Rd. to North of Troy St, erosion and storm water quality measures.	In and near Lemon Grove, from Paradise Valley Road to north of Troy Street. Repair median erosion and implement storm water quality measures.	\$0	\$4,896,000	\$0	\$0	\$0	\$0	\$4,896,000
CAL364	Caltrans	In and near the cities of Chula Vista, National City, Coronado and San Diego	In and near the cities of Chula Vista, National City, Coronado and San Diego on -Routes 5,8,52,75,163 and 805 at various locations. Upgrade curb ramps to comply with (ADA)standards.	\$0	\$0	\$7,023,000	\$0	\$0	\$0	\$7,023,000
CAL434	Caltrans	In the city of San Diego, from 0.8 mile to 1.0 mile north of Del Mar Heights Road.	Repair and enhance detention basin and regrade overflow channel and access road (PM R34.6/35.1).	\$0	\$0	\$0	\$0	\$3,344,000	\$0	\$3,344,000
CAL435	Caltrans	In San Diego County, on various routes at various locations.	In San Diego County, on routes 5, 15, 75, and 163 at various locations. Construct and upgrade curb ramps, driveways and sidewalks to comply with ADA standards.	\$0	\$0	\$0	\$0	\$7,941,000	\$0	\$7,941,000
CAL439	Caltrans	In Oceanside on Route 78 - West of College Blvd. UC.	In Oceanside, from 0.8 mile to 0.6 mile west of College Boulevard. Stormwater mitigation and slope erosion repair.	\$0	\$0	\$0	\$5,628,000	\$0	\$0	\$5,628,000
CAL479	Caltrans	Imperial Beach - Relinquishment	In Imperial Beach, from Georgia Street to 0.2 mile north of Rainbow Drive. Relinquish roadway to Imperial Beach. Financial contribution only.	\$0	\$0	\$0	\$5,624,000	\$0	\$0	\$5,624,000
CAL480	Caltrans	San Diego and Lemon Grove - Pedestrian curb ramps and sidewalks	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroft Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards	\$0	\$0	\$0	\$776,000	\$3,026,000	\$0	\$3,802,000
CAL487	Caltrans	San Diego County - East of Pauma Creek Bridge, west of Santa Ysabel, west of San Luis Rey River.	In San Diego County near Pauma Valley from 0.2 mile west to 0.1 mile east of Pauma Creek Bridge and about 6 miles west of Santa Ysabel at 1.8 mile west of San Luis Rey River Bridge. Drainage System Restoration.		\$0	\$0	\$2,244,000	\$0	\$0	\$2,244,000
Total				\$0	\$4,896,000	\$11,543,000	\$14,272,000	\$14,311,000	\$0	\$45,022,000

**Group Projects for Rehabilitation or Reconstruction of Track Structures, Track,
and Trackbed in Existing Rights-of-Way - Coastal Rail Corridor (SAN114)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SAN116	San Diego Association of Governments	Oceanside Station Pass Through Track	install third track at station to facilitate train passing and improve operations	\$11,564,444	\$13,466,000	\$3,036,000	\$40,000	\$0	\$0	\$28,106,444
SAN117	San Diego Association of Governments	Poinsettia Station Improvements	includes track reconfiguration, intertrack fence, reconstruction of pedestrian loading platforms, signals, and a new grade separated pedestrian crossing	\$13,933,023	\$4,094,696	\$260,800	\$5,243,750	\$9,131,550	\$1,084,000	\$33,747,819
SAN130	San Diego Association of Governments	Carlsbad Village Double Track	Conduct feasibility study of two rail trench alternatives; prepare final environmental document and 30 percent design for 1.0 miles of double track, a new bridge across Buena Vista Lagoon, and new signals	\$2,558,709	\$145,000	\$1,050,000	\$0	\$0	\$0	\$3,753,709
SAN149	San Diego Association of Governments	Coaster PE	preliminary engineering and environmental studies for prioritization of Coaster improvement projects to better define future projects	\$892,446	\$131,000	\$27,000	\$11,600	\$10,000	\$0	\$1,072,046
SAN182	San Diego Association of Governments	San Diego River Bridge	Construct 0.9 miles of double track and new bridge over the San Diego River - construction funds are for phase 1	\$60,509,705	\$2,792,000	\$17,896,000	\$6,070,000	\$6,381,000	\$217,000	\$93,865,705
SAN183	San Diego Association of Governments	Batiquitos Lagoon Double Track	construct 0.8 miles of double-track and a new bridge over Batiquitos Lagoon	\$5,764,594	\$2,876,076	\$1,841,000	\$12,847,000	\$15,980,000	\$4,591,406	\$43,900,076
SAN30	San Diego Association of Governments	San Dieguito Lagoon Double Track and Platform	prepare final environmental document and design for 2.1 miles of second track and San Dieguito Bridge replacement Project includes construction of a special event platform at the Del Mar Fairgrounds	\$9,085,997	\$233,140	\$150,930	\$0	\$0	\$0	\$9,470,067
Total				\$104,308,918	\$23,737,912	\$24,261,730	\$24,212,350	\$31,502,550	\$5,892,406	\$213,915,866

**Grouped Projects for Bicycle and Pedestrian Facilities -
Coastal Rail Trail (SAN148)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SAN155	San Diego Association of Governments	Coastal Rail Trail San Diego - Rose Creek	final environmental document and design for 0.8 miles of Class I shared use path (includes new 250-foot long bridge over Rose Creek) and 1.3 miles protected bike lanes along Santa Fe Street.	\$2,417,888	\$471,934	\$12,179,005	\$8,403,700	\$341,400	\$10,700	\$23,179,893
SAN156	San Diego Association of Governments	Coastal Rail Trail - Encinitas	Final environmental document, design and construction for 1.7 miles of bike path and bike lane	\$836,063	\$259,173	\$4,519,000	\$4,402,000	\$92,000	\$0	\$10,108,063
SAN207	San Diego Association of Governments	Coastal Rail Trail Encinitas: Chesterfield Drive to Solana Beach	Prepare final environmental document for 1.3 miles of bike facilities - on Highway 101 from Chesterfield Drive to north of Ocean Street (Solana Beach City Limit) in Encinitas	\$1,513	\$3,000	\$42,000	\$55,000	\$0	\$0	\$101,513
Total				\$3,255,464	\$734,107	\$16,740,005	\$12,860,700	\$433,400	\$10,700	\$33,389,469

**Grouped Projects for Bicycle and Pedestrian Facilities -
North Park/Mid-City Bikeways (SAN227)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SAN158	San Diego Association of Governments	North Park/Mid-City Bikeways: Robinson Bikeway	Complete final design and construct 0.2 miles of bikeway that consists of on-street bike facilities, traffic calming improvements, and an elevated shared-use path.	\$3,886,247	\$715,000	\$1,319,000	\$26,000	\$0	\$0	\$5,946,247
SAN229	San Diego Association of Governments	North Park/Mid-City Bikeways: Landis Bikeway	Final design and construct 3 miles of bikeway consisting of on-street bike facilities and traffic calming improvements - In the City of San Diego communities of North Park and City Heights on Landis Street, Swift Avenue, Wightman Street, and 35th Street between Alabama Street and Chamoune Avenue	-\$6,000	\$351,000	\$871,000	\$2,132,000	\$1,279,000	\$0	\$4,633,000
SAN230	San Diego Association of Governments	North Park/Mid-City Bikeways: Howard-Orange Bikeway	Final design for 3.7 miles of bikeway consisting of on-street bike facilities and traffic calming improvements - In the City of San Diego communities of North Park and City Heights on Howard Avenue, Orange Avenue, Estrella Avenue, Polk Avenue and Winona Avenue between Park Boulevard and Winona Avenue	\$0	\$72,000	\$1,195,000	\$469,000	\$0	\$0	\$1,736,000
SAN232	San Diego Association of Governments	North Park/Mid-City Bikeways: University Bikeway	Final design for 2.5 miles of on-street protected bikeway - In the City of San Diego communities of City Heights and Eastern Area on University Avenue between Winona Avenue and 70th Street	\$0	\$113,000	\$592,000	\$366,000	\$5,000	\$0	\$1,076,000
SAN233	San Diego Association of Governments	North Park/Mid-City Bikeways: Georgia-Meade Bikeway	Final design and construct 3.5 miles of urban bikeways including traffic calming improvements - Within the City of San Diego communities of North Park, Normal Heights, and Kensington: along Meade Avenue from Park Boulevard to 44th Street; Georgia Street between Robinson Avenue and Howard Avenue; Howard Avenue between Georgia Street and Florida Street; and Florida Street between Howard Avenue and Meade Avenue	\$147	\$861,547	\$1,207,600	\$6,536,000	\$112,000	\$1,000	\$8,718,147
SAN238	San Diego Association of Governments	North Park/Mid-City Bikeways: Monroe Bikeway	final design for 1.3 miles of urban bikeways, including traffic calming improvements.	\$0	\$56,000	\$340,000	\$130,000	\$0	\$0	\$526,000
Total				\$3,880,394	\$2,168,547	\$5,524,600	\$9,659,000	\$1,396,000	\$1,000	\$22,635,394

**Grouped Projects for TransNet -
Bicycle and Pedestrian Facilities (V12)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CHV76	Chula Vista, City of	F Street Promenade Streetscape Master Plan	Prepare a streetscape master plan based on complete streets principles and produce preliminary design drawings for a 1.25 mile segment of F Street from Third Avenue to Bay Boulevard - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$491,000	\$193,500	\$238,000	\$44,625	\$14,875	\$0	\$0	\$491,000
CNTY87	San Diego County	County of San Diego - Active Transportation Plan	Prepare a comprehensive master plan and policy document for the unincorporated county area to guide the development and maintenance of active transportation infrastructure and supportive programs - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$500,000	\$122,881	\$377,119	\$0	\$0	\$0	\$0	\$500,000
ESC43	Escondido, City of	Escondido Creek Bikeway Missing Link	Construct Class I and Class II bike facilities that connect the Escondido Creek Trail and Inland Rail Trail - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$1,092,000	\$50,000	\$122,000	\$630,908	\$289,092	\$0	\$0	\$1,092,000
NC20	National City, City of	Division Street Road Diet	Implement pedestrian improvements and install approximately 1 mile of Class II buffered bike lanes along Division Street - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$875,000	\$143,000	\$732,000	\$0	\$0	\$0	\$0	\$875,000
NC21	National City, City of	Euclid Avenue Bicycle and Pedestrian Enhancements	Implement a road diet and provide approximately 1.7 miles of Class II buffered bike lane along Euclid Avenue between Cerevantes Avenue and East 24th Street - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$425,000	\$350,000	\$75,000	\$3,535,000	\$0	\$0	\$0	\$3,960,000
SAN204	San Diego Association of Governments	Central Avenue Bikeway	final environmental document and design for 1.2 miles of new bikeways - On and along Terrace Drive and Central Avenue from Adams Avenue to Landis Street	\$194,653	\$169,300	\$477,000	\$63,000	\$0	\$0	\$903,953
SAN205	San Diego Association of Governments	Pershing Bikeway	construct 3 miles of new bike and pedestrian facilities between North Park and Downtown San Diego along the Pershing Drive corridor from Landis Street to C Street.	\$434,193	\$798,000	\$456,000	\$7,912,000	\$2,709,000	\$5,000	\$12,314,193
SAN206	San Diego Association of Governments	Downtown to Imperial Avenue Bikeway	Design and construct 8 miles of urban on-street bike lane	\$627,514	\$605,000	\$1,720,000	\$866,000	\$5,698,000	\$3,971,000	\$13,487,514
SD141	San Diego, City of	Poway Road between I-15 and Sabre Springs Pkwy	in San Diego, install Class I bicycle lane along the south side of Poway Road	\$2,580,000	\$13,500	\$0	\$0	\$0	\$0	\$2,593,500
Total				\$4,695,741	\$3,129,919	\$6,863,533	\$9,144,967	\$8,407,000	\$3,976,000	\$36,217,160

**Grouped Projects for
Active Transportation Program (V14)
Through Amendment No. 12**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL330	Caltrans	SR-15 Commuter Bike Facility	Construct Class 1 bicycle facility	\$14,043,692	\$1,018,308	\$156,000	\$181,000	\$164,000	\$52,000	\$15,615,000
CAL386	Caltrans	National City - SRTS Ped Enhancements	In the city of National City SRTS Ped Enhancements.	\$1,690,000	\$0	\$0	\$0	\$1,678,000	\$0	\$3,368,000
CAL390	Caltrans	San Diego County - Live Oak Elementary/Potter Junior High	In San Diego County, SRTS Live Oak Elementary/Potter Junior High.	\$860,000	\$1,900,000	\$0	\$0	\$0	\$0	\$2,760,000
CNTY93	San Diego County	Rock Springs Road SRTS Sidewalks and Bike Lanes	The project proposes to construct walkway and class II bicycle lane along the north side of Rock Springs Road from Highland Heights to Rock Springs Elementary School. The proposed walkways will be constructed of asphalt concrete. The project includes modifying the pedestrian ramps to ADA Standards Traffic signal and drainage facilities. The project proposes class III bike route on the south side of Rock Springs Road.	\$0	\$0	\$405,000	\$1,312,000	\$0	\$0	\$1,717,000
EL36	El Cajon, City of	Cajon Valley Union School District Safe Routes to School Plan	The scope of this "non-infrastructure" project entails educational, encouragement, enforcement, and evaluation activities at a total of six elementary and middle schools in the City of El Cajon	\$0	\$0	\$500,000	\$0	\$0	\$0	\$500,000
ENC46	Encinitas, City of	El Portal Pedestrian and Bike Underpass	construct a grade-separated pedestrian and bike underpass beneath the LOSSAN rail corridor, and will provide pedestrian, bike, and crosswalk improvements in order to connect adjacent active transportation routes to the facility. Toll Credits of \$539 will be used to match federal funds for the CON phase	\$0	\$196,000	\$655,000	\$4,549,000	\$0	\$0	\$5,400,000
ESC46	Escondido, City of	Escondido Creek Trail Bike Path Improvements	This project closes gaps on approximately 2.5 miles of the Escondido creek trail bike path by adding lighting, ped signals, crosswalks, ramps and signage to 7 intersections. The project's construction limits are the Escondido creek trail bike path between Juniper Street and Citrus Avenue.	\$0	\$0	\$0	\$0	\$290,000	\$1,342,000	\$1,632,000
IB18	Imperial Beach, City of	Imperial Beach Boulevard Safe Routes to School	Design and construct pedestrian, bicycle, pavement, traffic calming, storm water drainage, and green street improvements	\$0	\$0	\$312,000	\$5,509,985	\$0	\$0	\$5,821,985

Grouped Projects for Active Transportation Program (V14) Through Amendment No. 12

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
NC22	National City, City of	El Toyon - Las Palmas Bicycle Corridor	The 1.75 mile El Toyon-Las Palmas Bicycle Corridor project in the National City SMART Foundation's Plan to improve the pedestrian and bicycling environment in National City.	\$50,000	\$325,000	\$0	\$0	\$1,544,000	\$0	\$1,919,000
NC26A	National City, City of	Sweetwater River Bikeway/30th Street Bicycle Facility Improvements	The project will provide nearly one mile of Class II and Class III bicycle facilities, per the City's Bicycle Master Plan and will include bicycle detector loops, bicycle boxes, and decreased lane widths for vehicles.	\$0	\$190,000	\$50,000	\$914,000	\$0	\$0	\$1,154,000
SD234	San Diego, City of	Chollas Creek-Bayshore Bikeway	Final design and construction plans for 0.75 mile segment of multi-use path connecting from Southeastern San Diego along the Chollas Creek to the Bayshore Bikeway in Barrio Logan.	\$695,000	\$20,000	\$0	\$0	\$0	\$0	\$715,000
SD245	San Diego, City of	Euclid+ Market Complete Streets project	Final design and construction of new and expanded sidewalks, new bike facilities, and added crosswalks, medians, and curb extensions to slow and calm traffic.. Toll Credits of \$460 will be used to match federal funds for the CON phase	\$0	\$1,855,000	\$4,135,000	\$0	\$0	\$0	\$5,990,000
SD246	San Diego, City of	Chollas Creek, Oak Park Branch Trail	Preliminary Engineering and Construction for a 2.3]mile multi]use recreation and active transportation trail with two bridges, informational kiosks, and stairs and fencing where needed	\$0	\$193,000	\$760,000	\$0	\$0	\$0	\$953,000
Total				\$17,338,692	\$5,697,308	\$6,973,000	\$12,465,985	\$3,676,000	\$1,394,000	\$47,544,985