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April 28, 2017

File Number 1500300

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

MEMBER AGENCIES

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Dear Mr. Aljabiry:

SUBJECT: Transmittal of Amendment No. 4 to the 2016 Regional Transportation Improvement Program for the San Diego Association of Governments

The following Amendment No. 4 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 adopted Resolution 2017-20, approving this amendment, at its meeting on April 21, 2017. The SANDAG Board of Directors ratified this action at its April 28, 2017 meeting.

This amendment includes changes to 56 projects within San Diego County and includes, but is not limited to, updates to various grouped project listings for the Highway Safety Improvement Program, the Safety Highway Operation and Protection Program (SHOPP), Rehabilitation or Reconstruction of Track Structures — Coastal Rail Corridor, Section 5310 — Enhanced Mobility of Seniors and Individuals with Disabilities, *TransNet* Senior Mini-Grants, and Active Transportation Projects.

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. 4 to interested parties for a 15-day public review period between March 24, 2017, and April 14, 2017. No comments were received.

The project changes and additions in Amendment No. 4 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.

The projects contained within Amendment No. 4 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) 595-5608 or via email at michelle.smith@sandag.org.

Sincerely,



MICHELLE SMITH
Senior Project Control Analyst

MSM/SALP/kav

- Attachments:
1. Transportation Committee Staff Report
 2. Resolution No. 2017-20
 3. List of Projects for Amendment No. 4
 4. Summary of Changes for Amendment No. 4
 5. List of Grouped Project Listings for the following:
 - a. SHOPP Collision Reduction Program (CAL46B)
 - b. SHOPP Bridge Preservation (CAL46D)
 - c. Highway Safety Improvement Program (CAL105)
 - d. Rehabilitation of Track Structures — Coastal Rail Corridor (SAN114)
 - e. Operating Assistance — Federal Transit Administration (FTA) Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities (SAN213)
 - f. Capital Purchase — FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities (SAN214)
 - g. *TransNet* Senior Mini-Grant Program (V16)
 - h. Active Transportation Grant Program (V17)



TRANSPORTATION COMMITTEE
APRIL 21, 2017

ACTION REQUESTED - ADOPT

2016 REGIONAL TRANSPORTATION IMPROVEMENT
PROGRAM: AMENDMENT NO. 4

File Number 1500300

Introduction

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

sources. The 2017 Federal Statewide Transportation Improvement Program (FSTIP), which incorporates the SANDAG 2016 RTIP, received federal approval on December 16, 2016.

Recommendation

The Transportation Committee is asked to adopt Resolution No. 2017-20, in substantially the same form as shown in Attachment 1, approving Amendment No. 4 to the 2016 Regional Transportation Improvement Program.

Background

SANDAG processes amendments to the RTIP generally on a quarterly basis and occasionally on a more frequent basis as circumstances arise. SANDAG is processing Amendment No. 4 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 (ITOC), the independent citizen oversight committee, will review the *TransNet*-funded projects included in Amendment No.4 on May 10, 2017, as an informational item only.

Public Notice/Resolutions

In order to be consistent with the SANDAG Public Participation Policy, SANDAG transmitted the draft Amendment No. 4 to interested parties for a 15-day public review period on March 24, 2017, closing on April 14, 2017. As of the writing of this report, no comments have been received.

Discussion

The following summarizes the changes proposed in this amendment, with additional details included in Table 1 (Attachment 2).

California Department of Transportation

State Route 76 East (CAL29B) – This amendment proposes to revise *TransNet* – Major Corridor (MC) funding between fiscal years. Total project remains at \$201,664,000.

State Route 905 New Freeway (CAL38) – This amendment proposes to remove the federal High Priority Project (HPP) funds in FY 2017 to transfer these funds to a new project, CAL38C, as stated below. Total project decreases by \$5,441,000 bringing the new total to \$419,916,000.

State Route 905 Westbound Connector from State Route 125 (CAL38C) – This amendment proposes to add a new project to the 2016 RTIP. This project, funded with federal earmark High Priority Projects funds, will design a one lane southbound connector from State Route 125 to westbound State Route 905. Total project is \$5,441,000.

Grouped Projects for Safety Improvements – SHOPP Collision Reduction Program (CAL46B) – This amendment proposes to increase State Highway Operations Protection Program (SHOPP) – Surface Transportation Program (STP) funds for this grouped listing as approved by the California Transportation Commission (CTC) at their meeting on March 16, 2017. Total programmed amount increases by \$2,667,000 bringing the new total to \$105,098,000.

Grouped Projects for Bridge Preservation (CAL46D) – This amendment proposes to increase SHOPP – Bridge Preservation National Highway System funding for this grouped listing as approved by the CTC at their meeting on March 16, 2017. Total programmed amount increases by \$4,938,000 bringing the new total to \$54,312,000

Interstate 805 High Occupancy Vehicle/Managed Lanes (CAL78C) – This amendment proposes to revise federal Regional Surface Transportation Program (RSTP) funds between fiscal years to reflect actual funds obligated and increase *TransNet* – MC in all years of the current RTIP by reducing the amount programmed in prior years that was not expended. Total project increases by \$210,000 bringing the new total to \$240,362,000.

Grouped Projects for Highway Safety Improvement Program (HSIP) (CAL105) – This amendment proposes to add those projects awarded with HSIP funds in cycle 8 which were not included in the prior administrative modification amendment (Amendment 2 to the 2016 RTIP). Total program increases by \$26,768,000 bringing the new total to \$39,890,000.

State Route 78 High Occupancy Vehicle/Managed Lanes (CAL278) – This amendment proposes to revise funding between fiscal years to reconcile with prior year actual payments. Total project remains at \$1,683,000.

City of Chula Vista

Changes to Chula Vista’s projects reflect Council approved changes approved on March 7, 2017. These include updates to their FY 2018 Capital Improvement Program, which will be included to the City Council for approval at their June 2017 meeting.

Pavement Rehabilitation Program (CHV06) – This amendment proposes to increase *TransNet* — Local Street Improvement (LSI) funding in FY 2018. Total project increases by \$5,000 bringing the new total to \$24,820,000.

Advance Planning Studies (CHV22) – This amendment proposes to increase *TransNet* — LSI funding in FY 2018. Total project increases by \$4,000 bringing the new total to \$1,779,000.

I-5 Multimodal Corridor Improvement study (CHV30) – This amendment proposes to increase *TransNet* — LSI Carry Over funding in prior years to reconcile to actual payments and increase *TransNet* — LSI funding in FY 2018. Total project increases \$159,000 bringing the new total to \$3,029,000.

School Zone Traffic Calming Program (CHV33) – This amendment proposes to reduce *TransNet* — LSI funding in FY 2018. Total project decreases by \$4,000 bringing the new total to \$2,247,000.

Neighborhood Traffic and Pedestrian Safety Program (CHV34) – This amendment proposes to increase *TransNet* — LSI funding in FY 2018 while reducing *TransNet* — LSI Carry Over in FY 2017 to transfer \$10,000 to CHV43. Total project increases by \$40,000 bringing the new total to \$2,644,000.

Traffic Signing, Studies and Signal Upgrade (CHV35) – This amendment proposes to increase *TransNet* — LSI funding in FY 2017 by receiving funds transferred from CHV45. Total project increases by \$14,000 bringing the new total to \$4,958,000.

Traffic Signal System Optimization (CHV39) – This amendment proposes to reduce *TransNet* — LSI funding in prior years to reconcile to actual payments and shift funds to FY 2018, while also adding additional funds in FY 2018. Total project increases by \$51,000 bringing the new total to \$1,771,000.

Congestion Relief Study and Implementation (CHV43) – This amendment proposes to increase *TransNet* — LSI funding by receiving funds transferred from CHV34. Total project increases by \$10,000 bringing the new total to \$951,000.

I-805, SR54 and Otay Mesa Transportation System Improvements (CHV44) – This amendment proposes to add *TransNet* — LSI funding in FY 2018. Total project increases by \$20,000 bringing the new total to \$439,000.

Traffic Monitoring Program (CHV45) – This amendment proposes to reduce *TransNet* — LSI funding in FY 2018 and transfer *TransNet* — LSI Carry Over in FY 2017 of \$14,000 to CHV35. Total project decreases \$100,000 bringing the new total to \$1,366,000.

Pavement Major Rehabilitation (CHV48) – This amendment proposes to reduce *TransNet* — LSI funding in FY 2017 and 2018 while increasing *TransNet* — LSI Carry Over and *TransNet* — LSI Cash transferred from various current and completed projects in FY 2017 as further explained in this report. Total project decreases by \$810,000 bringing the new total to \$39,462,000.

Emergency Storm Drain and Bridge Culvert Repair (CHV50) – This amendment proposes to reduce *TransNet* — LSI funding in FY 2017 and FY 2018. Total project decreases by \$257,000 bringing the new total to \$5,962,000.

Cross Gutter Replacement (CHV51) – This amendment proposes to reduce *TransNet* — LSI Carry Over funding in FY 2017 to transfer to CHV48. Total project decreases by \$5,000 bringing the new total to \$475,000.

New Sidewalk Construction (CHV58) – This amendment proposes to reduce *TransNet* — LSI funding in prior years to reconcile to actual payments and reduce *TransNet* — LSI Carry Over funding in FY 2017 to transfer to CHV48 while increasing *TransNet* — LSI in FY 2018 to fund the addition of new location to the project. Total project decreases by \$21,000 bringing the new total to \$2,894,000.

Traffic Signal Upgrades (CHV60) – This amendment proposes to reduce *TransNet* — LSI funding in FY 2017 to transfer to CHV48. Total project decreases by \$5,000 bringing the new total to \$2,552,000.

ADA Curb Ramps (CHV75) – This amendment proposes to increase *TransNet* — LSI funding in FY 2018. Total project increases by \$150,000 bringing the new total to \$1,250,000.

Main Street Fiber Optics (CHV77) – This amendment proposes to reduce *TransNet* – LSI Carry Over in FY 2017 to transfer to CHV48. A portion of this project has received HSIP funding as programmed under CAL105 and will be done in conjunction with the work done under the HSIP grant. Total project decreases by \$300,000 bringing the new total to \$100,000.

Raised Median Improvements (CHV79) – This amendment proposes to increase *TransNet* – LSI funding in FY 2018. Total project increases by \$80,000 bringing the new total to \$520,000.

Local Street Utility Undergrounding Districts (CHV83) – This amendment proposes to add a new project to the 2016 RTIP. This project will underground current overhead utility lines. Total programmed amount for the design phase is \$100,000 with an estimated project total of \$1,000,000.

Retiming of Traffic Signals and Installation of Fiber Optic/Ethernet (CHV84) – This amendment proposes to add a new project to the 2016 RTIP. This project will synchronize traffic signals and install fiber optic/ethernet system along major corridors. Total project is \$623,000.

City of Escondido

East Valley/Valley Center (ESC02A) – This amendment proposes to add *TransNet* — Local Streets and Road (L) Cash in FY 2017 from completed project ESC02. Total project increases by \$54,000 bringing the new total to \$10,620,000.

Street Rehabilitation and Resurface (ESC11) – This amendment proposes to revise *TransNet* — LSI Carry Over funds between fiscal years to draw remaining funds. Total project remains at \$23,046,000.

Pavement Maintenance (ESC37) – This amendment proposes to revise *TransNet* — LSI funding over the 5-year RTIP cycle. Total project increases by \$228,000 bringing the new total to \$17,325,000.

Pavement Rehabilitation/Reconstruction (ESC38) – This amendment proposes to reduce *TransNet* — LSI funding in all years of the current RTIP to align with revised revenue estimates and add *TransNet* — L Cash in FY 2017 from completed projects ESC02 and ESC05 while also adding *TransNet* – LSI Cash in FY 2017 from interest earned. Total project decreases by \$713,000 bringing the new total to \$18,804,000.

San Ysidro Intermodal Freight Facility/South Line Rail (SAN27) – This amendment proposes to increase federal funds in prior years with an offsetting decrease of *TransNet* — Border funds. The project remains at \$90,553,000.

South Bay Bus Rapid Transit (SAN47) – In May 2016, the South Bay Bus Rapid Transit project received state Low Carbon Transit Operation Program (LCTOP) funding. The LCTOP program is a state cap-and-trade program to provide operation and capital assistance for transit projects to reduce greenhouse gas emissions and improve mobility, with a priority on serving disadvantaged communities. This amendment proposes to add LCTOP funds in the amount of \$376,000 while reducing *TransNet* — MC funds in the same amount. Total project remains at \$112,926,000.

Centralized Train Control (CTC) (SAN79) – This amendment proposes to reduce *TransNet* — MC funding in prior years to reconcile prior payments and increase *TransNet* — MC funding in FY 2017. Total project decreases by \$599,000 bringing the new total to \$14,334,000.

Grouped Projects for Rehabilitation or Reconstruction of Track Structures, Track, and Trackbed in Existing Rights-of-Way: Coastal Rail Corridor (SAN114) – This amendment proposes to revise funding between fiscal years to reconcile prior year payments and allocate remaining funding. Total amount programmed remains at \$210,368,000.

Clairemont Mesa Blvd BRT Stations (SAN208) – This amendment proposes to increase funding by receiving a transfer of *TransNet* — MC from SAN212 in prior and future Fiscal Years. Total project increases by \$349,000 bringing the new total to \$1,774,000.

BRT Wi-Fi Phase 1 (SAN212) – This amendment proposes to transfer funding to SAN208. *TransNet* — MC decreases in prior years to reconcile with actual payments and remaining funding is allocated to future years. Total project decreases by \$349,000 bringing the new total to \$881,000.

Grouped Projects for Operating Assistance — FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities (SAN213) – On March 24, 2017, the SANDAG Board of Directors approved the proposed funding recommendations for the Federal Transit Administration (FTA) Section 5310 and *TransNet* Senior Mini-Grant programs. These grant awards added three new projects and increased funding to already existing operating assistance projects within this grouped project. Total programmed amount increases by \$3,061,000 bringing the new total to \$3,903,000.

Grouped Projects for Capital Purchases — FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities (SAN214) – On March 24, 2017, the SANDAG Board of Directors approved the proposed funding recommendations for the Federal Transit Administration (FTA) Section 5310 and *TransNet* Senior Mini-Grant programs. These grant awards added three new projects and increased funding to already existing capital projects within this grouped project. Total programmed amount increases by \$3,312,000 bringing the new total to \$3,427,000.

City of San Diego

Sidewalks — Citywide (SD09) – This amendment proposes to increase Local Regional Transportation Congestion Improvement Program (RTCIP) funds and *TransNet* — LSI Carry Over and add *TransNet* — LSI Cash in FY 2017 to align with city budget. Total project increases by \$2,491,000 bringing the new total to \$17,024,000.

Traffic Signals — Citywide (SD16A) – This amendment proposes to increase Local RTCIP funds and *TransNet* — LSI Carry Over while decreasing *TransNet* — LSI funds in FY 2017. Total project increases by \$2,849,000 bringing the new total to \$29,704,000.

Guard Rails (SD17) – This amendment proposes to add Local RTCIP funds in FY 2017. Total project increases by \$625,000 bringing the new total to \$2,037,000.

Median Improvements Citywide (SD49) – This amendment proposes to increase *TransNet* — LSI Carry Over funds in FY 2017. Total project increases by \$280,000 bringing the new total to \$5,292,000.

SR 163/Friars Road Interchange Modification (SD83) – This amendment proposes to increase Local RTCIP funds in FY 2017. Total project increases by \$4,000,000 bringing the new total to \$53,399,000.

SR 163/Clairemont Mesa Blvd. Interchange (SD90) – This amendment proposes to increase Local RTCIP funds in FY 2017. Total project increases by \$500,000 bringing the new total to \$27,074,000.

Bridge Rehabilitation (SD99) – This amendment proposes to add Local RTCIP funds in FY 2017. Total project increases by \$600,000 bringing the new total to \$4,934,000.

Miramar Road (SD164) – This amendment proposes to add Local RTCIP funds in FY 2017. Total project increases by \$500,000 bringing the new total to \$1,425,000.

City of Santee

Santee Rehabilitation and Major Repair Work (SNT04) – This amendment proposes to reduce *TransNet* — LSI Carry Over and *TransNet* — LSI while revising *TransNet* — Bond between fiscal years to reconcile to actual payments. Total project decreases by \$280,000 bringing the new total to \$23,672,000.

Santee Slurry Seal and Roadway Maintenance (SNT22) – This amendment proposes to reduce *TransNet* — LSI while increasing *TransNet* — LSI Carry Over for FY 2017. Total project decreases by \$73,000 bringing the new total to \$3,108,000.

City of Solana Beach

Pavement Resurfacing (SB16) – This amendment proposes to increase *TransNet* — LSI Carry Over in Prior and future years while decreasing *TransNet* — LSI in FY 2018. Total project increases by \$130,000 bringing the new total to \$814,000.

Various Agencies

Grouped Projects for Bicycle and Pedestrian Facilities (V12) – This amendment proposes to move CHV53 from this grouped listing to V17 now that it is funded with *TransNet* Active Transportation Grant Program (ATGP) funds. Total amount programmed decreases by \$300,000 bringing the new total to \$13,287,000.

Grouped Projects for Operating Assistance — *TransNet* Senior Mini-Grant (V16) – On March 24, 2017, the SANDAG Board of Directors approved the proposed funding recommendations for the *TransNet* Senior Mini-Grant programs. These grant awards increased funding to already existing projects within this grouped project. Total amount programmed increases by \$336,000 bringing the new total to \$4,836,000.

Grouped Projects for *TransNet* Active Transportation Grant Program (ATGP) (V17) – On February 24, 2017, the SANDAG Board of Directors approved the reallocation of Cycle 3 *TransNet* ATGP funds from a withdrawn project to two other projects. This resulted in an increase in funding to the grouped listing. Total amount programmed increases by \$17,000 bringing the new total to \$6,280,000.

City of Vista

SR 78 at Sycamore Ramp Improvement (VISTA15) – This amendment proposes to show this project as complete in the 2016 RTIP. Total project remains at \$458,000.

Annual Street Construction and Overlay (VISTA46) – This amendment proposes reduce *TransNet* — LSI in future years. Total project decreases by \$332,000 bringing the new total to \$11,740,000.

Paseo Santa Fe Streetscape Improvements — Phase 1 (VISTA50) – This amendment proposes to show this project as complete in the 2016 RTIP. Total project remains at \$8,442,000.

Minor Traffic Signal Modifications Program (VISTA51) – This amendment proposes to show this project as complete in the 2016 RTIP. Total project decreases by \$44,000 bringing the new total to \$477,000.

Traffic Congestion Management Program (VISTA56) – This amendment proposes to add a new project to the 2016 RTIP. This project will recommend projects to target traffic congestion relief. Total project is \$645,000.

Fiscal Constraint Analysis

Federal regulations require the 2016 RTIP to be a revenue-constrained document with programmed projects based upon available or committed funding and/or reasonable estimates of future funding. Funding assumptions are generally based upon: (1) authorized or appropriated levels of federal and state funding from current legislation; (2) conservative projections of future federal and state funding based upon a continuation of current funding levels; (3) the most current Board approved (February 2017) 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.) Based upon the analysis, the projects contained within the 2016 RTIP, including Amendment No. 4, 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 and the FTA jointly approved the conformity determination for the 2016 RTIP and the conformity redetermination for the Regional Plan on December 16, 2016.

The proposed amendment does not reflect a change in the design, concept, or scope of the project or the conformity analysis years as modeled for the regional emissions analysis of the 2016 RTIP. Projects in the 2016 RTIP Amendment No. 4 meet the conformity provisions of the Transportation Conformity Rule (40 CFR §93.122(g)). All capacity increasing projects in Amendment No. 4 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 according to the Transportation Conformity Rule (40 CFR §93.126). SANDAG followed interagency consultation procedures to determine which projects are exempt. Amendment No. 4 does not interfere with the timely implementation of Transportation Control Measures. The 2016 RTIP, including Amendment No. 4, remains in conformance with the SIP.

JOSÉ A. NUNCIO
TransNet Department Director

- Attachments:
1. Resolution No. 2017-20: Approving Amendment No. 4 to the 2016 Regional Transportation Improvement Plan
 2. Table 1: 2016 Regional Transportation Improvement Program - Amendment No. 4
 3. Tables 2a-2c: Fiscal Constraint Analysis

Key Staff Contact: Michelle Smith, (619) 595-5608, michelle.smith@sandag.org



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RESOLUTION NO. 2017-20

APPROVING AMENDMENT NO. 4 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 United States 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 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*, 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. 4 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. 4 satisfy the transportation conformity provisions of 40 CFR 93.122(g) and all applicable transportation planning requirements per 23 CFR Part 450; and

WHEREAS, all other projects in Amendment No. 4 are either non-capacity increasing or exempt from the requirements to determine conformity; and

WHEREAS, the projects in 2016 RTIP Amendment No. 4 are fiscally constrained; and

WHEREAS, the projects in 2016 RTIP Amendment No. 4 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. 4 to the 2016 RTIP; and

BE IT FURTHER RESOLVED, that SANDAG finds the 2016 RTIP, including Amendment No. 4, 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 21st day of April, 2017.


CHAIRPERSON

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. 4
San Diego Region (in \$000s)

Caltrans

MPO ID: CAL29B								RTIP #:16-04		
Project Title:	SR 76 East						EA NO: 25715			
Project Description:	From Mission Rd. to I-15 - In and near Oceanside from Mission Rd to I-15, widen from 2 to 4 lanes						RTP PG NO: B-32 SANDAG ID: 1207606			
Change Reason:	Revise funding between fiscal years									
RT:76	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$201,664		Open to Traffic: Phase 1: Aug 2013			Phase 2: Dec 2017					
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$52,446	\$44,482	\$5,696	\$583	\$203	\$28	\$1,454	\$24,274	\$13,879	\$14,293
TransNet - MC AC	\$0	\$3,081	\$7,405	\$2,684	\$6,233	\$730	\$(20,133)			
TransNet - REMP	\$8,133	\$4,834	\$3,299							\$8,133
RSTP	\$90,436	\$81,911	\$8,525					\$7,436		\$83,000
TPFP	\$300	\$300								\$300
Prop 1B - CMIA	\$27,387	\$27,387								\$27,387
Local Funds	\$22,962	\$2,779	\$50				\$20,133	\$2,829	\$7,743	\$12,390
TOTAL	\$201,664	\$164,774	\$24,975	\$3,267	\$6,436	\$758	\$1,454	\$34,539	\$21,622	\$145,503
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$52,446	\$37,017	\$3,000	\$709	\$600	\$600	\$10,520	\$10,412	\$20,945	\$21,089
TransNet - MC AC	\$0	\$22,992	\$3,167	\$3,037	\$1,305	\$330	\$(30,831)			
TransNet - REMP	\$8,133	\$6,593	\$1,540							\$8,133
RSTP	\$90,436	\$81,911	\$8,525					\$7,436		\$83,000
TPFP	\$300	\$300								\$300
Prop 1B - CMIA	\$27,387	\$27,387								\$27,387
Local Funds	\$22,962	\$2,630					\$20,332	\$16,268		\$6,694
TOTAL	\$201,664	\$178,830	\$16,232	\$3,746	\$1,905	\$930	\$21	\$34,116	\$20,945	\$146,603

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL38		RTIP #:16-04
Project Title:	SR-905 New Freeway	EA NO: 093160, 28880
Project Description:	From I-805 to Otay Mesa Port of Entry - construct 6-lane freeway (Phase 1). Toll Credits will be used to match federal funds for the CON phase	PPNO: 0374K RTP PG NO: A-6 SANDAG ID: 1390501 EARMARK NO: CA281, CA297, CA612, HPP 2813
Change Reason:	Reduce funding	
RT:905	Capacity Status:CI	Exempt Category:Non-Exempt

Est Total Cost: \$419,916		Open to Traffic: Aug 2012								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - Border	\$1,582	\$1,578	\$4							\$1,582
CBI	\$105,342	\$105,342						\$105,342		
DEMO - Sec 115	\$3,000	\$3,000						\$3,000		
DEMO - TEA 21	\$40,485	\$40,485						\$40,485		
HPP	\$5,836	\$5,836						\$499		\$5,337
Other Fed - ARRA-STP	\$73,931	\$73,931								\$73,931
STP	\$1,000	\$1,000						\$1,000		
STP - Sec 117	\$1,067	\$1,067								\$1,067
STIP-IIP Interstate	\$100,666	\$100,666						\$12,944	\$28,087	\$59,635
STIP-IIP Prior NHS	\$6,406	\$6,406						\$1,976	\$4	\$4,426
STIP-IIP Prior State Cash	\$12,966	\$12,966						\$7,000	\$5,966	
STIP-IIP State Cash	\$23,296	\$23,296						\$1,933	\$9,176	\$12,187
STIP-RIP Interstate	\$20,974	\$20,974							\$11,912	\$9,062
TCRP	\$23,365	\$23,365							\$23,365	
TOTAL	\$419,916	\$419,912	\$4					\$24,352	\$228,337	\$167,227

PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - Border	\$1,582	\$1,578	\$4							\$1,582
CBI	\$105,342	\$105,342						\$105,342		
DEMO - Sec 115	\$3,000	\$3,000						\$3,000		
DEMO - TEA 21	\$40,485	\$40,485						\$40,485		
HPP	\$11,277	\$5,836	\$5,441					\$499		\$10,778
Other Fed - ARRA-STP	\$73,931	\$73,931								\$73,931
STP	\$1,000	\$1,000						\$1,000		
STP - Sec 117	\$1,067	\$1,067								\$1,067
STIP-IIP Interstate	\$100,666	\$100,666						\$12,944	\$28,087	\$59,635
STIP-IIP Prior NHS	\$6,406	\$6,406						\$1,976	\$4	\$4,426
STIP-IIP Prior State Cash	\$12,966	\$12,966						\$7,000	\$5,966	
STIP-IIP State Cash	\$23,296	\$23,296						\$1,933	\$9,176	\$12,187
STIP-RIP Interstate	\$20,974	\$20,974							\$11,912	\$9,062
TCRP	\$23,365	\$23,365							\$23,365	
TOTAL	\$425,357	\$419,912	\$5,445					\$24,352	\$228,337	\$172,668

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL38C		RTIP #:16-04								
Project Title:	SR-905 Westbound connector from SR-125							EA NO: 28883		
Project Description:	From SR-125 to SR-905 - Design southbound SR-125 connector to westbound SR-905. Toll Credits will be used to match federal funds for the PE phase							RTP PG NO: A-7; A-19 EARMARK NO: CA612, HPP 2813		
Change Reason:	New project									
RT:905	Capacity Status:CI	Exempt Category:Non-Exempt								
Est Total Cost: \$5,441		Open to Traffic: Jan 2022								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
HPP	\$5,441		\$5,441					\$5,441		
	TOTAL		\$5,441					\$5,441		

MPO ID: CAL46B		RTIP #:16-04								
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: \$105,098										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP - CR - NHS (AC)	\$59,003		\$11,027	\$19,460	\$20,236	\$8,280				\$59,003
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		\$39,648	\$27,336	\$22,903	\$15,211				\$105,098
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP - CR - NHS (AC)	\$59,003		\$11,027	\$19,460	\$20,236	\$8,280				\$59,003
SHOPP - CR - STP (AC)	\$23,637		\$8,830	\$7,876		\$6,931				\$23,637
SHOPP STP - Collision Reduction	\$19,791		\$19,791							\$19,791
	TOTAL		\$39,648	\$27,336	\$20,236	\$15,211				\$102,431

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL46D		RTIP #:16-04								
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: \$54,312										
	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
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
SHOPP (AC)-Brdg Presrv (HBP)	\$49,374		\$46,781				\$2,593			\$49,374
TOTAL	\$49,374		\$46,781				\$2,593			\$49,374

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL78C		RTIP #:16-04
Project Title:	I-805 HOV/Managed Lanes - South	EA NO: 08161
Project Description:	From Palomar Street to Landis Street - environmental document for I-805 widening in San Diego, Chula Vista, and National City from Palomar Street to State Route 94; design and construct 2 High Occupancy Vehicle (HOV) lanes in the median of I-805 including a Direct Access Ramp (DAR) at Palomar Street; design and construct one auxiliary lane on northbound I-805 from Grove Street to 16th Street in National City; design and construct one auxiliary lane on southbound I-805 from 20th Street to Plaza Boulevard in National City; design one HOV lane in each direction from Hilltop Drive to Landis Street and a direct HOV connector from I-805 to I-15. 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: 0730 RTP PG NO: A-16,B-30,B-31 SANDAG ID: 1280501, 1280510, 1280514, 1280515
Change Reason:	Increase funding, Revise funding between fiscal years	

RT:805 Capacity Status:CI Exempt Category:Non-Exempt

Est Total Cost: **\$240,362** Open to Traffic: Phase 1: Feb 2016 Phase 2: Jun 2016

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$157,560	\$133,489	\$15,415	\$4,002	\$4,552	\$76	\$26	\$57,907	\$8,259	\$91,394
TransNet - Transit	\$42	\$42						\$42		
IM	\$975	\$975						\$975		
RSTP	\$24,674	\$24,674						\$22,272	\$2,402	
Prop 1B - CMIA	\$56,763	\$56,763								\$56,763
Local Funds	\$348	\$180	\$168					\$180		\$168
TOTAL	\$240,362	\$216,123	\$15,583	\$4,002	\$4,552	\$76	\$26	\$81,376	\$10,661	\$148,325

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$157,350	\$138,362	\$14,961	\$3,994	\$24	\$9		\$58,792	\$8,136	\$90,422
TransNet - Transit	\$42	\$42						\$42		
IM	\$975	\$975						\$975		
RSTP	\$24,674	\$21,179	\$3,495					\$22,272	\$2,402	
Prop 1B - CMIA	\$56,763	\$56,763								\$56,763
Local Funds	\$348	\$348						\$180		\$168
TOTAL	\$240,152	\$217,669	\$18,456	\$3,994	\$24	\$9		\$82,261	\$10,538	\$147,353

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Caltrans

MPO ID: CAL105								RTIP #:16-04		
Project Title: Grouped Projects for Highway Safety Improvement - HSIP Program										
Project Description: Projects are consistent with 40 CFR Parts 93.126 and 93.127 Exempt Tables 2 and 3 categories - railroad/highway crossing, safer non-federal-aid system roads, shoulder improvements, traffic control devices and operating assistance other than signalization projects, intersection signalization projects at individual intersections, pavement marking demonstration, truck climbing lanes outside the urbanized area, lighting improvements, emergency truck pullovers										
Change Reason: Increase funding										
Capacity Status:NCI Exempt Category:Safety - Safety Improvement Program										
Est Total Cost: \$39,890										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
HSIP	\$35,290	\$1,103	\$5,155	\$3,842	\$11,959	\$13,231				\$35,290
Local Funds	\$4,600	\$110	\$274	\$373	\$2,372	\$1,470				\$4,600
TOTAL	\$39,890	\$1,213	\$5,429	\$4,215	\$14,331	\$14,701				\$39,890
PROJECT LAST AMENDED 16-02										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
HSIP	\$12,026	\$983	\$4,732	\$3,842	\$2,469					\$12,026
Local Funds	\$1,096	\$97	\$227	\$373	\$399					\$1,096
TOTAL	\$13,122	\$1,080	\$4,959	\$4,215	\$2,868					\$13,122

MPO ID: CAL278								RTIP #:16-04		
Project Title: SR78 HOV/Managed Lanes								EA NO: 2T240		
Project Description: SR-78 from Post Mile 0.0 to R16.54 - PSR for SR-78 HOV and corridor improvements								RTP PG NO: A.2 16		
								SANDAG ID: 1207801		
Change Reason: Revise funding between fiscal years										
RT:78 Capacity Status:NCI Exempt Category:Other - Engineering studies										
Est Total Cost: \$1,683										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,683	\$1,550	\$133					\$1,683		
TOTAL	\$1,683	\$1,550	\$133					\$1,683		
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,683	\$1,682	\$1					\$1,683		
TOTAL	\$1,683	\$1,682	\$1					\$1,683		

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV06		RTIP #:16-04
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:	Increase funding	
Capacity Status:	NCI	Exempt Category: Safety - Pavement resurfacing and/or rehabilitation

Est Total Cost: **\$24,820**

	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

PROJECT LAST AMENDED 16-00

	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>	\$943			\$70	\$111	\$361	\$401	\$381		\$562
<i>TransNet - LSI Carry Over</i>	\$668	\$377	\$291					\$668		
Local Funds	\$1,000	\$1,000						\$160		\$840
TOTAL	\$24,815	\$23,581	\$291	\$70	\$111	\$361	\$401	\$5,759		\$19,056

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV22		RTIP #:16-04
Project Title:	Advance Planning Studies	<i>TransNet - LSI: Maint</i>
Project Description:	Citywide - study GIS-based infrastructure deficiency database for pavement and street improvements; planning rehabilitation programs; prepare Capital Improvement Program related to street improvements	
Change Reason:	Increase funding	
	Capacity Status:NCI	Exempt Category:Other - Engineering studies

Est Total Cost: **\$1,779**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$375	\$375						\$375		
<i>TransNet - L (Cash)</i>	\$114	\$114						\$114		
<i>TransNet - LSI</i>	\$527	\$233	\$51	\$64	\$60	\$60	\$60	\$527		
<i>TransNet - LSI (Cash)</i>	\$16	\$16						\$16		
<i>TransNet - LSI Carry Over</i>	\$162	\$134	\$28					\$162		
Local Funds	\$585	\$585						\$585		
TOTAL	\$1,779	\$1,457	\$79	\$64	\$60	\$60	\$60	\$1,779		

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$375	\$375						\$375		
<i>TransNet - L (Cash)</i>	\$114	\$114						\$114		
<i>TransNet - LSI</i>	\$523	\$233	\$51	\$60	\$60	\$60	\$60	\$523		
<i>TransNet - LSI (Cash)</i>	\$16	\$16						\$16		
<i>TransNet - LSI Carry Over</i>	\$162	\$134	\$28					\$162		
Local Funds	\$585	\$585						\$585		
TOTAL	\$1,775	\$1,457	\$79	\$60	\$60	\$60	\$60	\$1,775		

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV30		RTIP #:16-04
Project Title:	I-5 Multi-Modal Corridor Improvement Study	PPNO: 09CA013
Project Description:	On I-5 between SR 54 and Main Street interchange - conduct a study to examine multi-modal improvements to the I-5 corridor between the Main Street Interchange and State Route 54	EARMARK NO: CA3482, CA677 <i>TransNet</i> - LSI: CR
Change Reason:	Increase funding	
	Capacity Status:NCI	Exempt Category:Other - Engineering studies

Est Total Cost: **\$3,029**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$50	\$50						\$50		
<i>TransNet</i> - L (Cash)	\$14	\$14						\$14		
<i>TransNet</i> - LSI	\$255	\$100		\$155				\$255		
<i>TransNet</i> - LSI Carry Over	\$501	\$303	\$197					\$501		
HPP	\$1,987	\$1,987						\$1,987		
TCSP	\$222	\$222						\$222		
TOTAL	\$3,029	\$2,676	\$197	\$155				\$3,029		

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$50	\$50						\$50		
<i>TransNet</i> - L (Cash)	\$14	\$14						\$14		
<i>TransNet</i> - LSI	\$100	\$100						\$100		
<i>TransNet</i> - LSI Carry Over	\$497	\$300	\$197					\$497		
HPP	\$1,987	\$1,987						\$1,987		
TCSP	\$222	\$222						\$222		
TOTAL	\$2,870	\$2,673	\$197					\$2,870		

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV33		RTIP #:16-04
Project Title:	School Zone Traffic Calming Program	<i>TransNet - LSI: Maint</i>
Project Description:	Citywide - field identification and installation/ construction of traffic calming devices in public school zones, such as traffic control devices (for example, flashing beacons), signs, striping and minor street improvements	
Change Reason:	Reduce funding	
Capacity Status:	NCI	
Exempt Category:	Safety - Non signalization traffic control and operating	

Est Total Cost: \$2,247										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$280	\$280						\$280		
<i>TransNet - L (Cash)</i>	\$232	\$232						\$232		
<i>TransNet - LSI</i>	\$758	\$165	\$233	\$150	\$70	\$70	\$70	\$758		
<i>TransNet - LSI Carry Over</i>	\$927	\$386	\$542					\$927		
Local Funds	\$50	\$50						\$50		
TOTAL	\$2,247	\$1,113	\$775	\$150	\$70	\$70	\$70	\$2,247		

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$280	\$280						\$280		
<i>TransNet - L (Cash)</i>	\$232	\$232						\$232		
<i>TransNet - LSI</i>	\$762	\$165	\$233	\$154	\$70	\$70	\$70	\$762		
<i>TransNet - LSI Carry Over</i>	\$927	\$386	\$542					\$927		
Local Funds	\$50	\$50						\$50		
TOTAL	\$2,251	\$1,113	\$775	\$154	\$70	\$70	\$70	\$2,251		

MPO ID: CHV34		RTIP #:16-04
Project Title:	Neighborhood Traffic and Pedestrian Safety Program	<i>TransNet - LSI: Maint</i>
Project Description:	Citywide - provide community outreach and education regarding traffic/ safety hazards; install and construct traffic calming and pedestrian safety measures; prepare plans to recommend pedestrian safety improvements and ADA compliance	
Change Reason:	Increase funding	
Capacity Status:	NCI	
Exempt Category:	Safety - Non signalization traffic control and operating	

Est Total Cost: \$2,644										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$280	\$280						\$280		
<i>TransNet - LSI</i>	\$1,265	\$65		\$450	\$250	\$250	\$250	\$1,265		
<i>TransNet - LSI Carry Over</i>	\$1,029	\$609	\$420					\$1,029		
Local Funds	\$70	\$70						\$70		
TOTAL	\$2,644	\$1,024	\$420	\$450	\$250	\$250	\$250	\$2,644		

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L</i>	\$280	\$280						\$280		
<i>TransNet - LSI</i>	\$1,215	\$65		\$400	\$250	\$250	\$250	\$1,215		
<i>TransNet - LSI Carry Over</i>	\$1,039	\$609	\$430					\$1,039		
Local Funds	\$70	\$70						\$70		
TOTAL	\$2,604	\$1,024	\$430	\$400	\$250	\$250	\$250	\$2,604		

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV35		RTIP #:16-04
Project Title:	Traffic Signing, Studies and Signal Upgrade	<i>TransNet</i> - LSI: Maint
Project Description:	Upgrade of signals located at Fourth Ave. and Beyer Blvd., Fourth Ave. and Main Street at Third Avenue and Montgomery Street and other locations - annual program to prioritize Traffic Signing and Striping CIP projects including upgrading and maintaining traffic signal and streetlight systems	
Change Reason:	Increase funding	
	Capacity Status:NCI	Exempt Category:Other - Intersection signalization projects

Est Total Cost: **\$4,958**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$135	\$135						\$135		
<i>TransNet</i> - L (Cash)	\$24	\$24								\$24
<i>TransNet</i> - LSI	\$1,745	\$187	\$483	\$325	\$250	\$200	\$300	\$491	\$35	\$1,219
<i>TransNet</i> - LSI (Cash)	\$27	\$27								\$27
<i>TransNet</i> - LSI Carry Over	\$2,456	\$2,156	\$300					\$953		\$1,503
Local Funds	\$571	\$571						\$571		
TOTAL	\$4,958	\$3,100	\$783	\$325	\$250	\$200	\$300	\$2,150	\$35	\$2,773

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$135	\$135						\$135		
<i>TransNet</i> - L (Cash)	\$24	\$24								\$24
<i>TransNet</i> - LSI	\$1,731	\$187	\$469	\$325	\$250	\$200	\$300	\$477	\$35	\$1,219
<i>TransNet</i> - LSI (Cash)	\$27	\$27								\$27
<i>TransNet</i> - LSI Carry Over	\$2,456	\$2,156	\$300					\$953		\$1,503
Local Funds	\$571	\$571						\$571		
TOTAL	\$4,944	\$3,100	\$769	\$325	\$250	\$200	\$300	\$2,136	\$35	\$2,773

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV39		RTIP #:16-04
Project Title:	Traffic Signal System Optimization	<i>TransNet</i> - LSI: CR
Project Description:	Palomar Street from I-5 to Orange Ave.; Broadway from Palomar Street to C Street; H Street from I-805 to I-5; Heritage Rd. from Telegraph Canyon Rd. to Palomar St.; Paseo Ranchero from E. J Street to Telegraph Canyon Rd.; Otay Lakes Rd. from Telegraph Canyon Rd. to E. H Street; E. H Street from I-805 to Hidden Vista; E. Orange/ Olympic Pkwy. at I-805; Telegraph Canyon Rd. at I-805; additional locations as included in the Regional Arterial Management System - upgrade traffic signal coordination at locations identified by the City's Traffic Monitoring Program in order to reduce congestion and intersection delays, coordinate regional traffic through the Regional Arterial Management System. <i>TransNet</i> - LSI RAMS of \$16 is programmed in FY 2017	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Other - Traffic signal synchronization projects	

Est Total Cost: **\$1,771**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$150	\$150						\$150		
<i>TransNet</i> - L (Cash)	\$19	\$19						\$19		
<i>TransNet</i> - LSI	\$1,127	\$242	\$235	\$200	\$150	\$150	\$150	\$1,127		
<i>TransNet</i> - LSI Carry Over	\$475	\$443	\$32					\$475		
TOTAL	\$1,771	\$854	\$267	\$200	\$150	\$150	\$150	\$1,771		

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$150	\$150						\$150		
<i>TransNet</i> - L (Cash)	\$19	\$19						\$19		
<i>TransNet</i> - LSI	\$1,076	\$316	\$235	\$75	\$150	\$150	\$150	\$1,076		
<i>TransNet</i> - LSI Carry Over	\$475	\$443	\$32					\$475		
TOTAL	\$1,720	\$928	\$267	\$75	\$150	\$150	\$150	\$1,720		

**2016 Regional Transportation Improvement Program
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San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV43		RTIP #:16-04
Project Title:	Congestion Relief Study and Implementation	<i>TransNet</i> - LSI: CR
Project Description:	Citywide - program will allow for identification and implementation of solutions for congestion relief on local streets, such as median installation, new traffic signals, traffic signal upgrades, intersection lighting, traffic signal coordination/ interconnection, video traffic surveillance systems, traffic data collection systems	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Other - Intersection signalization projects	

Est Total Cost: \$951										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$75	\$75						\$25		\$50
<i>TransNet</i> - L (Cash)	\$526	\$526						\$526		
<i>TransNet</i> - LSI	\$10		\$10					\$10		
<i>TransNet</i> - LSI Carry Over	\$290	\$237	\$53					\$290		
Local Funds	\$50	\$50						\$15		\$35
TOTAL	\$951	\$888	\$63					\$866		\$85

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$75	\$75						\$25		\$50
<i>TransNet</i> - L (Cash)	\$526	\$526						\$526		
<i>TransNet</i> - LSI Carry Over	\$290	\$237	\$53					\$290		
Local Funds	\$50	\$50						\$15		\$35
TOTAL	\$941	\$888	\$53					\$856		\$85

MPO ID: CHV44		RTIP #:16-04
Project Title:	I-805, SR54 and Otay Mesa Transportation System Improvements	<i>TransNet</i> - LSI: CR
Project Description:	In Chula Vista - preliminary analysis of the I-805/ SR54 interchange to include other on/off ramps on SR54 to I-5, the Bonita Road and Main Street on/off ramps to I-805 and the impact of traffic in Otay Mesa on La Media Road and other major streets in Chula Vista in order to reduce congestion	
Change Reason:	Add new funding source	
	Capacity Status:NCI Exempt Category:Other - Engineering studies	

Est Total Cost: \$439										
	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> - LSI	\$20			\$20				\$20		
<i>TransNet</i> - LSI Carry Over	\$319	\$257	\$62					\$319		
TOTAL	\$439	\$357	\$62	\$20				\$439		

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> - LSI Carry Over	\$319	\$257	\$62					\$319		
TOTAL	\$419	\$357	\$62					\$419		

**2016 Regional Transportation Improvement Program
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San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV45		RTIP #:16-04	
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:	Reduce funding		
	Capacity Status:NCI	Exempt Category:Safety - Non signalization traffic control and operating	

Est Total Cost: \$1,366										
	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		

PROJECT LAST AMENDED 16-00										
	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>	\$571		\$56	\$186	\$100	\$94	\$135	\$571		
<i>TransNet - LSI Carry Over</i>	\$791	\$647	\$144					\$791		
Local RTCIP	\$50	\$50						\$50		
TOTAL	\$1,466	\$751	\$200	\$186	\$100	\$94	\$135	\$1,466		

MPO ID: CHV48		RTIP #:16-04	
Project Title:	Pavement Major Rehabilitation		<i>TransNet - LSI: CR</i>
Project Description:	Various locations (see list of specific locations);including Brandywine Ave. from Point La Jolla to Mendocino Drive - ongoing program of pavement rehabilitation and reconstruction which includes overlays (one-inch thick and greater) and street reconstruction		
Change Reason:	Reduce funding, Revise funding between fiscal years		
	Capacity Status:NCI	Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: \$39,462										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$72	\$72								\$72
<i>TransNet - LSI</i>	\$17,928	\$220	\$3,302	\$2,505	\$3,900	\$4,000	\$4,000	\$2,830		\$15,098
<i>TransNet - LSI (Cash)</i>	\$32	\$18	\$14					\$18		\$14
<i>TransNet - LSI Carry Over</i>	\$21,430	\$15,543	\$5,887					\$2,969		\$18,461
TOTAL	\$39,462	\$15,853	\$9,203	\$2,505	\$3,900	\$4,000	\$4,000	\$5,817		\$33,645

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$72	\$72								\$72
<i>TransNet - LSI</i>	\$19,306	\$220	\$3,285	\$3,900	\$3,900	\$4,000	\$4,000	\$2,566		\$16,740
<i>TransNet - LSI (Cash)</i>	\$18	\$18						\$18		
<i>TransNet - LSI Carry Over</i>	\$20,876	\$15,543	\$5,333					\$2,869		\$18,007
TOTAL	\$40,272	\$15,853	\$8,618	\$3,900	\$3,900	\$4,000	\$4,000	\$5,453		\$34,819

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV50		RTIP #:16-04
Project Title:	Emergency Storm Drain and Bridge Culvert Repair	<i>TransNet - LSI: Maint</i>
Project Description:	882 Helix Ave., 106 El Capitan Court, 1188 Neptune Court, 1526 Grand Teton Court, Rancho Road near the Poggi Canyon Channel, Del Mar Ave. at Moss Street, Second Ave. and Chula Vista Street, Elsie Way and Penelope Drive, Kimball Terrace and Third Ave., F Street east of Woodlawn Court, and other urgent locations (see attachments) - emergency storm drain repairs due to pipe failure at several locations that need to be repaired before the next storm season; repair of culverts under City bridges to maintain bridge safety; repair pipes at all locations receive street drainage and repairs are needed to maintain safe travel conditions	
Change Reason:	Reduce funding	
	Capacity Status:NCI Exempt Category:Safety - Safer non-Federal-aid system roads	

Est Total Cost: \$5,962										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$1,811	\$1,811						\$1,307		\$504
<i>TransNet - LSI</i>	\$2,395	\$12	\$501	\$382	\$500	\$500	\$500	\$465		\$1,930
<i>TransNet - LSI Carry Over</i>	\$1,756	\$794	\$962					\$328		\$1,428
TOTAL	\$5,962	\$2,617	\$1,463	\$382	\$500	\$500	\$500	\$2,100		\$3,862
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$1,811	\$1,811						\$1,307		\$504
<i>TransNet - LSI</i>	\$2,652	\$12	\$610	\$530	\$500	\$500	\$500	\$522		\$2,130
<i>TransNet - LSI Carry Over</i>	\$1,756	\$794	\$962					\$328		\$1,428
TOTAL	\$6,219	\$2,617	\$1,572	\$530	\$500	\$500	\$500	\$2,157		\$4,062

MPO ID: CHV51		RTIP #:16-04								
Project Title:	Cross Gutter Replacement	<i>TransNet - LSI: CR</i>								
Project Description:	Near the following intersections: Naples St. and Oleander Ave.; Orange Ave. and Hilltop Drive; Palomar St. and Third Ave., I St. and Hilltop Drive - reconstruct the steep cross gutters at several intersections throughout the City in order to increase vehicle safety and reduce congestion caused by vehicles slowing down; Americans with Disabilities Act (ADA) -compliant pedestrian improvements will also be constructed									
Change Reason:	Reduce funding									
	Capacity Status:NCI Exempt Category:Safety - Safer non-Federal-aid system roads									
Est Total Cost: \$475										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI Carry Over</i>	\$475	\$136	\$339					\$180		\$295
TOTAL	\$475	\$136	\$339					\$180		\$295
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI Carry Over</i>	\$480	\$136	\$344					\$180		\$300
TOTAL	\$480	\$136	\$344					\$180		\$300

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV58		RTIP #:16-04								
Project Title:	New Sidewalk Construction						<i>TransNet - LSI: CR</i>			
Project Description:	C Street from Fifth Ave. to 350 feet west of Fourth Ave.; Moss Street from Broadway to Fourth Ave.; Oxford Street from Broadway to Fifth Ave., Palomar Street from Broadway to Fourth Ave.; East H Street from Hidden Vista Drive to Terra Nova Drive; near intersection of F Street and Hilltop Drive; Alpine Ave. from Emerson St. to Oxford St., Third Ave. from Orange Ave. to Main Street - design and construction of sidewalk and other pedestrian improvements in areas without existing sidewalk									
Change Reason:	Reduce funding, Revise project description									
	Capacity Status:NCI		Exempt Category:Air Quality - Bicycle and pedestrian facilities							
Est Total Cost: \$2,894										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$97	\$97								\$97
<i>TransNet - LSI</i>	\$1,311	\$118		\$193		\$500	\$500	\$250		\$1,061
<i>TransNet - LSI Carry Over</i>	\$1,486	\$693	\$793					\$250		\$1,236
TOTAL	\$2,894	\$908	\$793	\$193		\$500	\$500	\$500		\$2,394
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$97	\$97								\$97
<i>TransNet - LSI</i>	\$1,125	\$125				\$500	\$500	\$200		\$925
<i>TransNet - LSI Carry Over</i>	\$1,693	\$693	\$1,000					\$300		\$1,393
TOTAL	\$2,915	\$915	\$1,000			\$500	\$500	\$500		\$2,415

MPO ID: CHV60		RTIP #:16-04								
Project Title:	Traffic Signal Upgrades						<i>TransNet - LSI: CR</i>			
Project Description:	Fourth Ave. and Moss Street; Third Ave. and J Street; Third Ave. and Moss Street; Third Ave. and Naples St.; Industrial Blvd. and Anita, Moss and Naples Streets; Third Avenue and L Street; E. L Street and Cuyamaca Ave. - traffic signals will be upgraded and modified in order to reduce the frequency of collisions									
Change Reason:	Reduce funding									
	Capacity Status:NCI		Exempt Category:Other - Intersection signalization projects							
Est Total Cost: \$2,552										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$2	\$2								\$2
<i>TransNet - LSI</i>	\$1,307	\$95	\$12		\$300	\$500	\$400	\$384		\$923
<i>TransNet - LSI Carry Over</i>	\$1,068	\$929	\$139					\$365		\$703
Local Funds	\$175	\$175						\$175		
TOTAL	\$2,552	\$1,201	\$151		\$300	\$500	\$400	\$924		\$1,628
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$2	\$2								\$2
<i>TransNet - LSI</i>	\$1,312	\$95	\$17		\$300	\$500	\$400	\$384		\$928
<i>TransNet - LSI Carry Over</i>	\$1,068	\$929	\$139					\$365		\$703
Local Funds	\$175	\$175						\$175		
TOTAL	\$2,557	\$1,201	\$156		\$300	\$500	\$400	\$924		\$1,633

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV75		RTIP #:16-04								
Project Title:	ADA Curb Ramps	<i>TransNet - LSI: Maint</i>								
Project Description:	Citywide - provide American with Disabilities Act-compliant ramps at locations with sidewalks but missing ramps in accordance with the City's priority list									
Change Reason:	Increase funding									
Capacity Status:NCI		Exempt Category:Safety - Safety Improvement Program								
Est Total Cost: \$1,250										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$84	\$84						\$50		\$34
<i>TransNet - LSI</i>	\$866		\$266	\$150	\$250		\$200	\$205		\$661
<i>TransNet - LSI Carry Over</i>	\$300	\$37	\$263					\$86		\$214
TOTAL	\$1,250	\$121	\$529	\$150	\$250		\$200	\$341		\$909
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - L (Cash)</i>	\$84	\$84						\$50		\$34
<i>TransNet - LSI</i>	\$716		\$266		\$250		\$200	\$165		\$551
<i>TransNet - LSI Carry Over</i>	\$300	\$37	\$263					\$86		\$214
TOTAL	\$1,100	\$121	\$529		\$250		\$200	\$301		\$799

MPO ID: CHV77		RTIP #:16-04								
Project Title:	Main Street Fiber Optics	<i>TransNet - LSI: CR</i>								
Project Description:	Main Street from Bay Blvd. to Salt Creek - Project will provide the necessary work to tie in Chula Vista facilities to the future fiber optics network on Main Street in conjunction with the SANDAG South Bay BRT Fiber Optic project; will include new fiber optic cable, pull boxes, conduit, etc.									
Change Reason:	Reduce funding									
Capacity Status:NCI		Exempt Category:Other - Traffic signal synchronization projects								
Est Total Cost: \$100										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$2	\$2						\$2		
<i>TransNet - LSI Carry Over</i>	\$98		\$98					\$58		\$40
TOTAL	\$100	\$2	\$98					\$60		\$40
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$2	\$2						\$2		
<i>TransNet - LSI Carry Over</i>	\$398		\$398					\$58		\$340
TOTAL	\$400	\$2	\$398					\$60		\$340

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV79		RTIP #:16-04
Project Title:	Raised Median Improvements	<i>TransNet - LSI: CR</i>
Project Description:	E Street between First and Second Ave., E Street e/o Third Avenue, Paseo Ranchero s/o East J Street, Eastlake Pkwy. s/o Otay Lakes Road, Eastlake Pkwy. in front of Eastlake High School and Community Park, and other locations. - construct new raised medians where motorists are making illegal turning movements; reconstruct raised medians that protrude into the striped crosswalks	
Change Reason:	Increase funding	
	Capacity Status:NCI	Exempt Category:Safety - Adding medians

Est Total Cost: **\$520**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$81	\$1		\$80				\$81		
<i>TransNet - LSI Carry Over</i>	\$439		\$439					\$59		\$380
TOTAL	\$520	\$1	\$439	\$80				\$140		\$380

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$1	\$1						\$1		
<i>TransNet - LSI Carry Over</i>	\$439		\$439					\$59		\$380
TOTAL	\$440	\$1	\$439					\$60		\$380

MPO ID: CHV83		RTIP #:16-04
Project Title:	Local Street Utility Undergrounding Districts	<i>TransNet - LSI: Maint</i>
Project Description:	L Street from Broadway to Third Avenue, J Street from Broadway to Hilltop Drive, East J Street from Hilltop Drive to Lori Lane - Associated work required to convert overhead utility lines to underground; includes traffic lighting and signal relocation/installation, pedestrian infrastructure	
Change Reason:	New project	
	Capacity Status:NCI	Exempt Category:Safety - Lighting improvements

Est Total Cost: **\$1,000**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$100			\$100				\$100		
TOTAL	\$100			\$100				\$100		

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Chula Vista, City of

MPO ID: CHV84		RTIP #:16-04								
Project Title:	Retiming of Traffic Signals and Installation of Fiber Optic/Ethernet							TransNet - LSI: CR		
Project Description:	Main Street, Fourth Avenue and H Street corridors - This will include retiming of traffic signals between I-5 and I-805, signals east of I-805 along Main Street, and installation of fiber optic/ Ethernet systems along several corridors. This will enable the City to comply with Caltrans' directive to have all cities comply with the 2014 CA Manual of Uniform Traffic Control Devices.									
Change Reason:	New project									
	Capacity Status:NCI		Exempt Category:Safety - Safety Improvement Program							
Est Total Cost: \$623										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$623			\$623				\$623		
TOTAL	\$623			\$623				\$623		

* Partial local match for Highway Safety Improvement Program H8-11-002 CAL105

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Escondido, City of

MPO ID: ESC02A								RTIP #:16-04		
Project Title:	East Valley/Valley Center							EA NO: 260		
Project Description:	East Valley Pkwy/Valley Center Rd from Bevin Dr to northern City limits - Widen roadway from 4 to 6 lanes with raised medians, left turn pockets, and dedicated right turn lanes; modify signals at Lake Wohlford Rd/Valley Center Rd and Beven Dr/Valley Center Rd; widen bridge over Escondido Creek							EARMARK NO: CA332/260 RAS (M-40) <i>TransNet</i> - LSI: CR		
Change Reason:	Add new funding source									
Capacity Status:CI		Exempt Category:Non-Exempt								
Est Total Cost: \$10,620			Open to Traffic: Dec 2017							
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L (Cash)	\$54		\$54							\$54
<i>TransNet</i> - LSI (Cash)	\$632	\$632								\$632
<i>TransNet</i> - LSI Carry Over	\$4,526	\$750	\$3,776						\$70	\$4,456
HPP	\$1,600	\$1,600								\$1,600
Local Funds	\$3,445	\$2,540	\$905					\$500		\$2,945
Local RTCIP	\$363	\$363								\$363
TOTAL	\$10,620	\$5,885	\$4,735					\$500	\$70	\$10,050
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI (Cash)	\$632	\$632								\$632
<i>TransNet</i> - LSI Carry Over	\$4,526	\$750	\$3,776						\$70	\$4,456
HPP	\$1,600	\$1,600								\$1,600
Local Funds	\$3,445	\$2,540	\$905					\$500		\$2,945
Local RTCIP	\$363	\$363								\$363
TOTAL	\$10,566	\$5,885	\$4,681					\$500	\$70	\$9,996

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Escondido, City of

MPO ID: ESC11		RTIP #:16-04									
Project Title:	Street Rehabilitation & Resurface							TransNet - LSI: Maint			
Project Description:	Citywide - Refer to City Maintenance Zone Map - reconstruction, resurfacing, chip sealing, crack filling and sidewalk repair										
Change Reason:	Revise funding between fiscal years										
Capacity Status:	NCI		Exempt Category:							Safety - Pavement resurfacing and/or rehabilitation	
Est Total Cost: \$23,046											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - L	\$1,904	\$1,904								\$1,904	
TransNet - L (Cash)	\$961	\$961								\$961	
TransNet - LSI	\$1,996	\$1,996								\$1,996	
TransNet - LSI (Cash)	\$39	\$39								\$39	
TransNet - LSI Carry Over	\$3,638	\$3,593	\$45							\$3,638	
Local Funds	\$14,508	\$14,508						\$300		\$14,208	
TOTAL	\$23,046	\$23,001	\$45					\$300		\$22,746	
PROJECT LAST AMENDED 14-30											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - L	\$1,904	\$1,904								\$1,904	
TransNet - L (Cash)	\$961	\$961								\$961	
TransNet - LSI	\$1,996	\$1,996								\$1,996	
TransNet - LSI (Cash)	\$39	\$39								\$39	
TransNet - LSI Carry Over	\$3,638	\$3,638								\$3,638	
Local Funds	\$14,508	\$14,508						\$300		\$14,208	
TOTAL	\$23,046	\$23,046						\$300		\$22,746	

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Escondido, City of

MPO ID: ESC37	RTIP #:16-04
Project Title: Pavement Maintenance	<i>TransNet - LSI: Maint</i>
Project Description: This project includes maintenance of various streets primarily in the maintenance zone of focus, and those classified as Collector and above throughout the City; the City's maintenance zones can be identified in the uploaded Maintenance Zone Map, FY16 - Maintenance Zone CS, FY17 - Maintenance Zone EN, FY18 - Maintenance Zone NE - this is an annual project that includes maintenance (crackseal, chipseal, slurry, sidewalk repairs) of various street elements city-wide	
Change Reason: Add new funding source, Increase funding	
Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$17,325**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$6,604	\$1,002	\$1,044	\$1,072	\$1,117	\$1,161	\$1,208			\$6,604
<i>TransNet - LSI (Cash)</i>	\$3		\$3							\$3
<i>TransNet - LSI Carry Over</i>	\$2,046	\$978	\$1,068							\$2,046
Local Funds	\$8,672	\$5,533	\$825	\$670	\$624	\$548	\$471			\$8,672
TOTAL	\$17,325	\$7,513	\$2,940	\$1,742	\$1,741	\$1,709	\$1,679			\$17,325

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - LSI</i>	\$6,379	\$1,002	\$1,058	\$1,106	\$768	\$1,196	\$1,250			\$6,379
<i>TransNet - LSI Carry Over</i>	\$2,046	\$978	\$1,068							\$2,046
Local Funds	\$8,672	\$5,533	\$825	\$670	\$624	\$548	\$471			\$8,672
TOTAL	\$17,097	\$7,513	\$2,951	\$1,776	\$1,392	\$1,744	\$1,721			\$17,097

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Escondido, City of

MPO ID: ESC38		RTIP #:16-04
Project Title:	Pavement Rehabilitation/Reconstruction	<i>TransNet</i> - LSI: CR
Project Description:	Includes rehabilitation of various streets primarily in the maintenance zone of focus, and those classified as Collector and above throughout the City; the City's maintenance zones can be identified in the uploaded Maintenance Zone Map, FY16 - Maintenance Zone CS, FY17 - Maintenance Zone NE, FY18 - Maintenance Zone NW - annual project to rehabilitate existing pavement greater than 1" in depth within the city's 8 maintenance zones. Each year the project rotates to a new zone, and we treat identified roads in poor condition.	
Change Reason:	Add new funding source, Reduce funding	
Capacity Status:	NCI Exempt Category: Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$18,804**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L (Cash)	\$1,394	\$1,350	\$44							\$1,394
<i>TransNet</i> - LSI	\$15,307	\$2,235	\$2,436	\$2,502	\$2,606	\$2,710	\$2,819			\$15,307
<i>TransNet</i> - LSI (Cash)	\$8		\$8							\$8
<i>TransNet</i> - LSI Carry Over	\$2,095	\$172	\$1,923							\$2,095
TOTAL	\$18,804	\$3,757	\$4,411	\$2,502	\$2,606	\$2,710	\$2,819			\$18,804

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L (Cash)	\$1,350	\$1,350								\$1,350
<i>TransNet</i> - LSI	\$16,072	\$2,235	\$2,469	\$2,580	\$3,070	\$2,802	\$2,916			\$16,072
<i>TransNet</i> - LSI Carry Over	\$2,095	\$172	\$1,923							\$2,095
TOTAL	\$19,517	\$3,757	\$4,392	\$2,580	\$3,070	\$2,802	\$2,916			\$19,517

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN27		RTIP #:16-04								
Project Title:	San Ysidro Intermodal Freight Facility/South Line Rail							RTP PG NO: A-5		
Project Description:	On trolley system from Palomar Street station to San Ysidro station - SD&AE freight facility and South Line Mainline in San Ysidro - expansion of freight yard including adding storage racks and construction of truck-loading staging area; upgrading of freight railway including crossovers and signals							SANDAG ID: 1300601, 1300602		
Change Reason:	Revise funding between fiscal years									
Capacity Status:NCI		Exempt Category:Mass Transit - Track rehabilitation in existing right of way								
Est Total Cost: \$90,553										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - Border	\$13,350	\$10,115	\$3,212	\$22				\$3,577	\$373	\$9,400
CBI	\$600	\$600						\$600		
DEMO - TEA 21	\$8,996	\$8,996						\$3,232	\$2,105	\$3,659
Prop 1B - TCIF	\$65,441	\$65,441								\$65,441
State Cash	\$575	\$575						\$575		
TOTAL	\$88,962	\$85,727	\$3,212	\$22				\$7,984	\$2,478	\$78,500

* \$1.2M of federal DEMO funds included in OWP 34200; \$390K contribution from Chula Vista included in CHV60

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - Border	\$13,646	\$10,795	\$2,405	\$445				\$3,485	\$441	\$9,720
CBI	\$600	\$600						\$600		
DEMO - TEA 21	\$8,700	\$8,700						\$3,232	\$2,080	\$3,388
Prop 1B - TCIF	\$65,441	\$65,441								\$65,441
State Cash	\$575	\$575						\$575		
TOTAL	\$88,962	\$86,111	\$2,405	\$445				\$7,892	\$2,521	\$78,549

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN47		RTIP #:16-04
Project Title:	South Bay BRT	RTP PG NO: A-13, A-35, B-26 SANDAG ID: 1280504
Project Description:	From the Otay Mesa Border Crossing to Downtown San Diego along SR 125, Palomar Street, I-805, and SR 94 - Rapid transit service from the I-805/Palomar Direct Access Ramp (DAR) to the Otay Mesa Border, including the construction of a guideway on East Palomar over SR 125, around Otay Ranch Town Center Mall and through the new Millenia development; construction of 7 new Rapid transit stations	
Change Reason:	Revise funding between fiscal years	
Capacity Status:	CI	Exempt Category: Non-Exempt

Est Total Cost: \$112,926		Open to Traffic: Sep 2018								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$97,711	\$30,147	\$3,200	\$40,500	\$23,864			\$21,216	\$3,500	\$72,995
TransNet - Transit	\$148	\$148						\$148		
FTA 5307	\$545	\$545						\$545		
FTA 5309 (Bus)	\$1,827	\$1,827						\$1,827		
CAP-TRADE	\$11,000	\$11,000								\$11,000
Other State - LCTOP	\$376		\$376							\$376
Local Funds	\$1,319	\$1,319						\$335		\$984
TOTAL	\$112,926	\$44,986	\$3,576	\$40,500	\$23,864			\$24,071	\$3,500	\$85,355

PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$98,087	\$30,366	\$24,936	\$36,432	\$6,353			\$21,436	\$3,500	\$73,151
TransNet - Transit	\$148	\$148						\$148		
FTA 5307	\$545	\$545						\$545		
FTA 5309 (Bus)	\$1,827	\$1,827						\$1,827		
CAP-TRADE	\$11,000	\$11,000								\$11,000
Local Funds	\$1,319	\$1,319						\$335		\$984
TOTAL	\$112,926	\$45,205	\$24,936	\$36,432	\$6,353			\$24,291	\$3,500	\$85,135

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN79		RTIP #:16-04
Project Title:	Centralized Train Control (CTC)	SANDAG ID: 1142500
Project Description:	MTS service area - develop modern operation center which combines elements of train location, switch control, and fire/life and safety monitoring, to control passenger information signs and public address systems; procure both a back-end computer system, as well as deploy the necessary field equipment to safely and efficiently control the train network	
Change Reason:	Reduce funding	
	Capacity Status:NCI	Exempt Category:Mass Transit - Construction or renovation of power, signal, and communications systems
Est Total Cost: \$14,334		

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$8,018	\$7,955	\$63							\$8,018
FTA 5307	\$5,145	\$5,145								\$5,145
Local Funds	\$1,171	\$1,171								\$1,171
TOTAL	\$14,334	\$14,271	\$63							\$14,334

* STIP-TransNet swap

PROJECT LAST AMENDED 14-30										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$8,617	\$8,617								\$8,617
FTA 5307	\$5,145	\$5,145								\$5,145
Local Funds	\$1,171	\$1,171								\$1,171
TOTAL	\$14,933	\$14,933								\$14,933

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN114		RTIP #:16-04
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:	Revise Lump Sum List - No Change To Programming	
	Capacity Status:NCI Exempt Category:Mass Transit - Track rehabilitation in existing right of way	

Est Total Cost: \$210,368										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$118,331	\$12,593	\$25,309	\$37,980	\$41,175	\$1,275				\$118,331
CMAQ	\$64,154	\$64,154								\$64,154
FTA 5307	\$1,765	\$1,765								\$1,765
FTA 5339	\$5,322	\$5,322								\$5,322
Fed Rail Admin (FRA-PRIIA)	\$7,300	\$7,300								\$7,300
Other Fed - ARRA - FRA	\$3,360	\$3,360								\$3,360
RSTP	\$10,136	\$10,136								\$10,136
TOTAL	\$210,368	\$104,630	\$25,309	\$37,980	\$41,175	\$1,275				\$210,368

PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$118,331	\$14,035	\$24,938	\$36,928	\$41,155	\$1,275				\$118,331
CMAQ	\$64,154	\$64,154								\$64,154
FTA 5307	\$1,765	\$1,765								\$1,765
FTA 5339	\$5,322	\$5,322								\$5,322
Fed Rail Admin (FRA-PRIIA)	\$7,300	\$7,300								\$7,300
Other Fed - ARRA - FRA	\$3,360	\$3,360								\$3,360
RSTP	\$10,136	\$10,136								\$10,136
TOTAL	\$210,368	\$106,072	\$24,938	\$36,928	\$41,155	\$1,275				\$210,368

MPO ID: SAN208		RTIP #:16-04
Project Title:	Clairemont Mesa Blvd BRT Stations	SANDAG ID: 1201515
Project Description:	Clairemont Mesa Boulevard from State Route 163 to Interstate 15 - Traffic Signal Priority on Clairemont Mesa Boulevard and transit station improvements at eastbound Ruffin Road stop	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Mass Transit - Construction or renovation of power, signal, and communications systems	

Est Total Cost: \$1,774										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,774	\$806	\$794	\$174				\$977		\$797
TOTAL	\$1,774	\$806	\$794	\$174				\$977		\$797

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,425	\$702	\$723					\$689		\$736
TOTAL	\$1,425	\$702	\$723					\$689		\$736

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN212		RTIP #:16-04								
Project Title: BRT Wi-Fi Phase 1		SANDAG ID: 1201517								
Project Description: MTS Rapid Bus Routes 235, 237 and 215 - Wi-Fi on BRT Routes										
Change Reason: Reduce funding										
Capacity Status:NCI		Exempt Category:Mass Transit - Construction or renovation of power, signal, and communications systems								
Est Total Cost: \$881										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - MC</i>	\$881	\$123	\$275	\$414	\$68					\$881
TOTAL	\$881	\$123	\$275	\$414	\$68					\$881
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - MC</i>	\$1,230	\$190	\$1,040							\$1,230
TOTAL	\$1,230	\$190	\$1,040							\$1,230

MPO ID: SAN213		RTIP #:16-04								
Project Title: Grouped Projects for Operating Assistance - FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities		SANDAG ID: 1271000,1271800, 1272000, 3321400								
Project Description: Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories: operating assistance to transit operators - operating assistance to transit agencies										
Change Reason: Increase funding										
Capacity Status:NCI		Exempt Category:Mass Transit - Transit operating assistance								
Est Total Cost: \$3,903										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - SS</i>	\$1,673		\$566	\$524	\$582					\$1,673
FTA 5310	\$1,536		\$1,536							\$1,536
Local Funds	\$694		\$694							\$694
TOTAL	\$3,903		\$2,796	\$524	\$582					\$3,903
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - SS</i>	\$842		\$842							\$842
TOTAL	\$842		\$842							\$842

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN214		RTIP #:16-04
Project Title:	Grouped Projects for Capital Purchase - FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities	SANDAG ID: 1271500, 1271900, 3321400, 3321400
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories: purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet - purchase of vehicles and various capital equipment for the provision of transit service	
Change Reason:	Increase funding	
Capacity Status:	NCI Exempt Category: Mass Transit - Purchase new buses and rail cars to replace existing vehicles or minor expansions of fleet	

Est Total Cost: **\$3,427**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - SS	\$715		\$115	\$300	\$300					\$715
FTA 5310	\$2,262		\$2,262							\$2,262
Local Funds	\$301		\$301							\$301
TDA	\$149				\$34	\$115				\$149
TOTAL	\$3,427		\$2,678	\$300	\$334	\$115				\$3,427

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - SS	\$115		\$115							\$115
TOTAL	\$115		\$115							\$115

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD09		RTIP #:16-04
Project Title:	Sidewalks - Citywide	RAS (M-39) <i>TransNet</i> - LSI: CR
Project Description:	FY 2017: San Diego Mission Road to Fairmount; Mission Village Sidewalk, Genesee/Sauk, Market St-47th to Euclid; RTCIP funded locations Genesee Ave, University Ave, and Balboa Ave - install new sidewalks (CIP 52-700/715, 59-002.0,37-064.0/ABE00001, AIK00001, AIK00003), including the addition of RTCIP funding to this project for the installation of sidewalks on streets included in the RAS: Genesee Ave, University Ave, and Balboa Ave.	
Change Reason:	Add new funding source, Increase funding	
	Capacity Status:NCI Exempt Category:Air Quality - Bicycle and pedestrian facilities	

Est Total Cost: \$17,024										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$2,150	\$2,150								\$2,150
<i>TransNet</i> - L (Cash)	\$311		\$311							\$311
<i>TransNet</i> - LSI	\$9,148	\$3,569	\$1,579	\$1,000	\$1,000	\$1,000	\$1,000			\$9,148
<i>TransNet</i> - LSI Carry Over	\$2,915	\$2,385	\$530							\$2,915
Local RTCIP	\$2,500	\$100	\$2,400							\$2,500
TOTAL	\$17,024	\$8,204	\$4,820	\$1,000	\$1,000	\$1,000	\$1,000			\$17,024

PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$2,150	\$2,150								\$2,150
<i>TransNet</i> - LSI	\$9,148	\$3,569	\$1,579	\$1,000	\$1,000	\$1,000	\$1,000			\$9,148
<i>TransNet</i> - LSI Carry Over	\$2,835	\$2,385	\$450							\$2,835
Local RTCIP	\$400	\$100	\$300							\$400
TOTAL	\$14,533	\$8,204	\$2,329	\$1,000	\$1,000	\$1,000	\$1,000			\$14,533

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD16A		RTIP #:16-04
Project Title:	Traffic Signals – Citywide	RAS (M-43 & 44) <i>TransNet</i> - LSI: CR
Project Description:	New traffic signal installation at multiple locations:, 31st & National, Bernardo Heights & Calle Pueblito, Governor Dr & Lakewood, Traffic signal mods Citywide:, Mission Village & Ruffin, Civita & Mission Center, 1st & Ash, 11th & Broadway, Cass & Turquoise, Lake Murray & Turnbridge, 47th & Imperial, Traffic Signal Interconnects:, Carmel Valley, Mission Valley, Otay Mesa, San Ysidro, Rancho Bernardo - install new traffic signals with intersection street lighting systems, upgrade/modernize traffic signals, install protected/permissive traffic signal systems; traffic signal interconnect systems and upgrades Citywide (CIP A-IL.00003, A-IL.00002, A-IL.00004, A-IL.00005). <i>TransNet</i> - LSI RAMS of \$68 is programmed through FY 2021	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Other - Intersection signalization projects	

Est Total Cost: \$29,704										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$4,280	\$4,280								\$4,280
<i>TransNet</i> - L (Cash)	\$45		\$45							\$45
<i>TransNet</i> - LSI	\$11,580	\$2,169	\$1,540	\$1,968	\$1,968	\$1,968	\$1,968			\$11,580
<i>TransNet</i> - LSI Carry Over	\$7,749	\$4,467	\$3,282							\$7,749
Local RTCIP	\$6,050	\$3,200	\$2,850							\$6,050
TOTAL	\$29,704	\$14,116	\$7,717	\$1,968	\$1,968	\$1,968	\$1,968			\$29,704

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - L	\$4,280	\$4,280								\$4,280
<i>TransNet</i> - L (Cash)	\$45		\$45							\$45
<i>TransNet</i> - LSI	\$11,771	\$2,169	\$1,731	\$1,968	\$1,968	\$1,968	\$1,968			\$11,771
<i>TransNet</i> - LSI Carry Over	\$7,559	\$4,467	\$3,092							\$7,559
Local RTCIP	\$3,200	\$3,200								\$3,200
TOTAL	\$26,855	\$14,116	\$4,868	\$1,968	\$1,968	\$1,968	\$1,968			\$26,855

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD17		RTIP #:16-04								
Project Title:	Guard Rails	RAS (M-42; M-45)								
Project Description:	Citywide - install new and replace old guard rails along streets (CIP 68-006.0/AIE00002); RTCIP funding allocated to this project for installation of guardrails on streets included in the RAS: Black Mountain Road, Pomerado Road, and North Torrey Pines Road.									
Change Reason:	Add new funding source, Increase funding									
Capacity Status:NCI		Exempt Category:Safety - Guardrails, median barriers, crash cushions								
Est Total Cost: \$2,037										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$1,050	\$1,050								\$1,050
TransNet - L (Cash)	\$162		\$162							\$162
Local Funds	\$200	\$200								\$200
Local RTCIP	\$625		\$625							\$625
TOTAL	\$2,037	\$1,250	\$787							\$2,037
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$1,050	\$1,050								\$1,050
TransNet - L (Cash)	\$162		\$162							\$162
Local Funds	\$200	\$200								\$200
TOTAL	\$1,412	\$1,250	\$162							\$1,412

MPO ID: SD49		RTIP #:16-04								
Project Title:	Median Improvements Citywide	TransNet - LSI: CR								
Project Description:	Morena Bl - Ashton St to Littlefield St, University Ave - Winona to 5th - safety improvements and/or left turn movements (AIG00001)									
Change Reason:	Increase funding									
Capacity Status:NCI		Exempt Category:Safety - Safety Improvement Program								
Est Total Cost: \$5,292										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L (Cash)	\$641	\$641								\$641
TransNet - LSI	\$1,238	\$400	\$438	\$100	\$100	\$100	\$100			\$1,238
TransNet - LSI Carry Over	\$2,086	\$983	\$1,103							\$2,086
Local Funds	\$1,327	\$1,327						\$1,102		\$225
TOTAL	\$5,292	\$3,351	\$1,541	\$100	\$100	\$100	\$100	\$1,102		\$4,190
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L (Cash)	\$641	\$641								\$641
TransNet - LSI	\$1,238	\$400	\$438	\$100	\$100	\$100	\$100			\$1,238
TransNet - LSI Carry Over	\$1,806	\$983	\$823							\$1,806
Local Funds	\$1,327	\$1,327						\$1,102		\$225
TOTAL	\$5,012	\$3,351	\$1,261	\$100	\$100	\$100	\$100	\$1,102		\$3,910

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD83	RTIP #:16-04
Project Title: SR 163/Friars Road Interchange Modification	RTP PG NO: B-39
Project Description: Friars Road from Avenida de las Tiendas to Mission Center Road - widen and improve Friars Road and overcrossing; reconstruct interchange including improvements to ramp intersections (Phase 1); construct new connector roadways and structures (Phase 2); construct auxiliary lanes along northbound and southbound SR163 (Phase 3) (CIP Legacy#52-455.0,WBS# S-00851)	RAS (M - 46) TransNet - LSI: CR
Change Reason: Increase funding	
Capacity Status: CI	Exempt Category: Non-Exempt

Est Total Cost: \$53,399		Open to Traffic: Mar 2018								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$2,207	\$2,207						\$2,207		
TransNet - LSI	\$18,391	\$13,391	\$3,000	\$2,000				\$2,227		\$16,164
TransNet - LSI Carry Over	\$3,905	\$3,068	\$836					\$2,975		\$930
RSTP	\$2,240	\$2,240						\$2,240		
Local Funds	\$17,026	\$12,026	\$5,000					\$1,153	\$3,120	\$12,753
Local RTCIP	\$9,630	\$4,930	\$4,700						\$2,980	\$6,650
TOTAL	\$53,399	\$37,862	\$13,536	\$2,000				\$10,802	\$6,100	\$36,497

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$2,207	\$2,207						\$2,207		
TransNet - LSI	\$18,391	\$13,391	\$3,000	\$2,000				\$2,227		\$16,164
TransNet - LSI Carry Over	\$3,905	\$3,068	\$836					\$2,975		\$930
RSTP	\$2,240	\$2,240						\$2,240		
Local Funds	\$17,026	\$12,026	\$5,000					\$1,153	\$3,120	\$12,753
Local RTCIP	\$5,630	\$4,930	\$700						\$980	\$4,650
TOTAL	\$49,399	\$37,862	\$9,536	\$2,000				\$10,802	\$4,100	\$34,497

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD90		RTIP #:16-04								
Project Title: SR 163/Clairemont Mesa Blvd. Interchange		RTP PG NO: B-39								
Project Description: Clairemont Mesa Blvd. from Kearny Villa Road to Kearny Mesa - in San Diego, widen from 4 to 6 lane prime arterial; Phase II of the project - west ramps (CIP 52-745.0,S-00905)		RAS (M - 46) TransNet - LSI: CR								
Change Reason: Increase funding										
Capacity Status:CI		Exempt Category:Non-Exempt								
Est Total Cost: \$27,074		Open to Traffic: Phase 1: Jun 2008 Phase 2: Dec 2016								
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$500	\$500								\$500
TransNet - LSI	\$1,824	\$1,824						\$1,000		\$824
TransNet - LSI Carry Over	\$6,500	\$6,039	\$461							\$6,500
RSTP	\$5,238	\$5,238								\$5,238
Local Funds	\$10,462	\$10,462						\$3,135		\$7,327
Local RTCIP	\$2,550	\$2,050	\$500							\$2,550
TOTAL	\$27,074	\$26,113	\$961					\$4,135		\$22,939
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$500	\$500								\$500
TransNet - LSI	\$1,824	\$1,824						\$1,000		\$824
TransNet - LSI Carry Over	\$6,500	\$6,039	\$461							\$6,500
RSTP	\$5,238	\$5,238								\$5,238
Local Funds	\$10,462	\$10,462						\$3,135		\$7,327
Local RTCIP	\$2,050	\$2,050								\$2,050
TOTAL	\$26,574	\$26,113	\$461					\$4,135		\$22,439

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

San Diego, City of

MPO ID: SD99								RTIP #:16-04			
Project Title:		Bridge Rehabilitation						RAS (M-43)			
Project Description:		Citywide - in San Diego, bridge retrofit or replacement projects citywide (AIE00001) including Voltaire Street Bridge over Nimitz Blvd. rehabilitation (CIP 525233/B00870) and Barnett Ave. Bridge over Pacific Highway (CIP 525231/B00869); and RTCIP funding allocated to this project for the Fairmount Avenue Bridge Rehabilitation project.						TransNet - LSI: CR			
Change Reason:		Add new funding source									
		Capacity Status:NCI		Exempt Category:Safety - Non capacity widening or bridge reconstruction							
Est Total Cost: \$4,934											
		TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L		\$300	\$300								\$300
TransNet - LSI		\$2,441	\$191	\$250	\$500	\$500	\$500	\$500			\$2,441
TransNet - LSI Carry Over		\$1,593	\$184	\$1,409							\$1,593
Local RTCIP		\$600		\$600							\$600
TOTAL		\$4,934	\$675	\$2,259	\$500	\$500	\$500	\$500			\$4,934

* Local fund match for Bridge Preventive Maintenance Program - HBP CAL44

PROJECT LAST AMENDED 16-00											
		TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L		\$300	\$300								\$300
TransNet - LSI		\$2,441	\$191	\$250	\$500	\$500	\$500	\$500			\$2,441
TransNet - LSI Carry Over		\$1,593	\$184	\$1,409							\$1,593
TOTAL		\$4,334	\$675	\$1,659	\$500	\$500	\$500	\$500			\$4,334

MPO ID: SD164								RTIP #:16-04			
Project Title:		Miramar Road						RAS (M-44)			
Project Description:		Miramar Road from I 805 to Eastgate Mall - in San Diego, add right turn lane at intersection; roadway design includes Class II bike lane and sidewalks (CIP 52-679.0/CIP S00880)									
Change Reason:		Add new funding source									
		Capacity Status:NCI		Exempt Category:Other - Interchange reconfiguration projects							
Est Total Cost: \$1,425											
		TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L		\$925	\$925							\$925	
Local RTCIP		\$500		\$500							\$500
TOTAL		\$1,425	\$925	\$500						\$925	\$500
PROJECT LAST AMENDED 08-30											
		TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L		\$925	\$925							\$925	
TOTAL		\$925	\$925							\$925	

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Santee, City of

MPO ID: SNT04		RTIP #:16-04
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:	Reduce funding	
Capacity Status:	NCI Exempt Category: Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: **\$23,672**

	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

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - Bond	\$9,855	\$7,627	\$2,229					\$343		\$9,512
<i>TransNet</i> - L	\$7,729	\$7,729								\$7,729
<i>TransNet</i> - LSI	\$2,060	\$287		\$376	\$420	\$465	\$512	\$142	\$471	\$1,447
<i>TransNet</i> - LSI (Cash)	\$1	\$1								\$1
<i>TransNet</i> - LSI Carry Over	\$3,121	\$3,106	\$16					\$158		\$2,963
Local Funds	\$1,186	\$1,186						\$15		\$1,171
TOTAL	\$23,952	\$19,936	\$2,245	\$376	\$420	\$465	\$512	\$658	\$471	\$22,823

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Santee, City of

MPO ID: SNT22		RTIP #:16-04
Project Title:	Santee Slurry Seal and Roadway Maintenance	<i>TransNet</i> - 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:	Reduce funding	
Capacity Status:	NCI Exempt Category: Safety - Pavement resurfacing and/or rehabilitation	

Est Total Cost: \$3,108

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$1,674	\$600	\$384	\$145	\$164	\$181	\$200	\$90		\$1,584
<i>TransNet</i> - LSI Carry Over	\$1,434	\$904	\$530					\$78		\$1,356
TOTAL	\$3,108	\$1,504	\$914	\$145	\$164	\$181	\$200	\$168		\$2,940

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$1,767	\$600	\$408	\$161	\$180	\$199	\$219	\$93		\$1,674
<i>TransNet</i> - LSI Carry Over	\$1,414	\$904	\$510					\$78		\$1,336
TOTAL	\$3,181	\$1,504	\$918	\$161	\$180	\$199	\$219	\$171		\$3,010

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Solana Beach, City of

MPO ID: SB16		RTIP #:16-04
Project Title:	Pavement Resurfacing	RAS (M-48)
Project Description:	Various streets as determined by pavement management programming. Street list to be uploaded annually; RTCIP to be used on Lomas Santa Fe Dr - in Solana Beach, pavement overlays	<i>TransNet</i> - LSI: CR
Change Reason:	Increase funding	
Capacity Status:NCI		Exempt Category:Safety - Pavement resurfacing and/or rehabilitation

Est Total Cost: **\$814**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$343		\$53		\$90	\$100	\$100			\$343
<i>TransNet</i> - LSI Carry Over	\$424	\$214		\$100	\$10	\$50	\$50			\$424
Local RTCIP	\$47		\$47							\$47
TOTAL	\$814	\$214	\$100	\$100	\$100	\$150	\$150			\$814

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$428	\$15	\$53	\$70	\$90	\$100	\$100			\$428
<i>TransNet</i> - LSI Carry Over	\$209	\$199			\$10					\$209
Local RTCIP	\$47		\$47							\$47
TOTAL	\$684	\$214	\$100	\$70	\$100	\$100	\$100			\$684

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V12								RTIP #:16-04			
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:	Reduce funding										
Capacity Status:NCI		Exempt Category:Air Quality - Bicycle and pedestrian facilities									
Est Total Cost: \$13,287											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - BPNS	\$12,977	\$4,554	\$5,368	\$2,722	\$334					\$12,977	
Local Funds	\$310	\$310								\$310	
TOTAL	\$13,287	\$4,864	\$5,368	\$2,722	\$334					\$13,287	
PROJECT LAST AMENDED 16-00											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - BPNS	\$12,977	\$4,554	\$5,368	\$2,722	\$334					\$12,977	
TransNet - L (Cash)	\$52	\$52								\$52	
TransNet - LSI Carry Over	\$98	\$1	\$97							\$98	
Local Funds	\$310	\$310								\$310	
TDA - Bicycles	\$150	\$150								\$150	
TOTAL	\$13,587	\$5,067	\$5,465	\$2,722	\$334					\$13,587	

MPO ID: V16								RTIP #:16-04			
Project Title:	Grouped Projects for Operating Assistance - TransNet Senior Mini-Grant Program						SANDAG ID: 1270500,				
Project Description:	Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 categories: operating assistance to transit operators - non profit agencies providing transportation programs specializing in services for seniors						1270600, 1270700, 1271100, 1271300, 1272100, 1272200, 1272400, 1272500, 3321400, 1270800				
Change Reason:	Increase funding										
Capacity Status:NCI		Exempt Category:Mass Transit - Transit operating assistance									
Est Total Cost: \$4,836											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - SS	\$3,890	\$1,439	\$977	\$734	\$740					\$3,890	
Local Funds	\$946	\$369	\$186	\$194	\$198					\$946	
TOTAL	\$4,836	\$1,808	\$1,163	\$928	\$938					\$4,836	
PROJECT LAST AMENDED 16-00											
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON	
TransNet - SS	\$3,469	\$2,692	\$777							\$3,469	
FTA 5317 - NF	\$116	\$116								\$116	
Local Funds	\$915	\$729	\$186							\$915	
TOTAL	\$4,500	\$3,537	\$963							\$4,500	

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Various Agencies

MPO ID: V17		RTIP #:16-04								
Project Title:	Grouped Projects for <i>TransNet</i> Active Transportation Grant Program (ATGP)						SANDAG ID: 1223068, 1223069, 1223070, 1223071, 1223072, 1223074, 1223076, 1223077			
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:	Increase funding									
Capacity Status:NCI		Exempt Category:Air Quality - Bicycle and pedestrian facilities								
Est Total Cost: \$6,280										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - BPNS	\$1,054		\$1,054							\$1,054
<i>TransNet</i> - LSI	\$10			\$10						\$10
<i>TransNet</i> - LSI Carry Over	\$348	\$6	\$186	\$156						\$348
Local Funds	\$2,085	\$42	\$1,044	\$363	\$636					\$2,085
TDA - Bicycles	\$2,783	\$136	\$957	\$1,156	\$469	\$64				\$2,783
TOTAL	\$6,280	\$184	\$3,241	\$1,685	\$1,105	\$64				\$6,280
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - BPNS	\$1,054		\$1,054							\$1,054
<i>TransNet</i> - LSI Carry Over	\$251	\$6	\$88	\$156						\$251
Local Funds	\$2,175	\$46	\$1,140	\$357	\$632					\$2,175
TDA - Bicycles	\$2,783	\$149	\$1,245	\$1,061	\$328					\$2,783
TOTAL	\$6,263	\$201	\$3,527	\$1,574	\$960					\$6,263

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Vista, City of

COMPLETED

MPO ID: VISTA15		RTIP #:16-04	
Project Title:	SR 78 @ Sycamore Ramp Improvement CIP 8107		RAS (M-49)
Project Description:	From SR-78 to Sycamore - design and construct a dedicated right-turn lane for traffic migrating from eastbound SR-78 to southbound Sycamore Avenue in the right-of-way; objective is to reduce congestion on freeway exit during morning rush hour		
Change Reason:	Complete project		
	Capacity Status:NCI	Exempt Category:Other - Interchange reconfiguration projects	

Est Total Cost: **\$458**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$165	\$165						\$50		\$115
Local Funds	\$176	\$121	\$55					\$10		\$166
Local RTCIP	\$117	\$117						\$117		
TOTAL	\$458	\$403	\$55					\$177		\$281

* Additional funding included in CAL105 HSIP approved list of projects

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - L	\$165	\$165						\$50		\$115
Local Funds	\$176	\$121	\$55					\$10		\$166
Local RTCIP	\$117	\$117						\$117		
TOTAL	\$458	\$403	\$55					\$177		\$281

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Vista, City of

MPO ID: VISTA46		RTIP #:16-04
Project Title:	Annual Street Construction and Overlay CIP8225	RAS (M-49)
Project Description:	Various streets city-wide including two RAS streets: 1) Civic Center Dr (formerly Escondido Ave) entire length between SR-78 and E.Vista Way and 2) Olive Avenue, portion from N. Melrose Ave to Maryland Dr. - repair/rehabilitate distressed pavement and resurface streets identified as high priority in Pavement Management System.; improvements include replacement of damaged curb & gutter, sidewalk, storm drain culverts; all required upgrades such as installation or replacement of curb ramps and traffic signs; all surface preparation such as dig-outs, crack sealing, cold milling, and leveling course; all adjustments such as shoulder grading, traffic signal loop replacement, manhole adjustments, striping, and survey monuments	<i>TransNet</i> - LSI: CR
Change Reason:	Reduce funding	

Capacity Status:NCI Exempt Category:Safety - Pavement resurfacing and/or rehabilitation

Est Total Cost: **\$11,740**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$5,673	\$108	\$720	\$730	\$825	\$1,620	\$1,670	\$250		\$5,423
<i>TransNet</i> - LSI (Cash)	\$21	\$21								\$21
<i>TransNet</i> - LSI Carry Over	\$4,875	\$4,087	\$789					\$56		\$4,819
Local Funds	\$1,032	\$1,032						\$165		\$867
Local RTCIP	\$139	\$139								\$139
TOTAL	\$11,740	\$5,387	\$1,509	\$730	\$825	\$1,620	\$1,670	\$471		\$11,269

PROJECT LAST AMENDED 16-01

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - LSI	\$6,005	\$108	\$750	\$800	\$898	\$1,699	\$1,750	\$250		\$5,755
<i>TransNet</i> - LSI (Cash)	\$21	\$21								\$21
<i>TransNet</i> - LSI Carry Over	\$4,875	\$4,087	\$789					\$56		\$4,819
Local Funds	\$1,032	\$1,032						\$165		\$867
Local RTCIP	\$139	\$139								\$139
TOTAL	\$12,072	\$5,387	\$1,539	\$800	\$898	\$1,699	\$1,750	\$471		\$11,601

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Vista, City of

COMPLETED

MPO ID: VISTA50								RTIP #:16-04		
Project Title:		Paseo Santa Fe Streetscape Improvements - Phase 1 CIP8232					RAS (M-49)			
Project Description:		S. Santa Fe from Vista Village Dr to Guajome St - 2 lane collector - design and phased construction of street improvements along S. Santa Fe between Vista Village Drive and Guajome Street; improvements include new curb, gutter, sidewalks, round-abouts, street lights, street signs, medians, paving, and pedestrian furniture					TransNet - LSI: CR			
Change Reason:		Complete project								
Capacity Status:		NCI Exempt Category: Safety - Non signalization traffic control and operating								
Est Total Cost: \$8,442										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$900	\$900								\$900
TransNet - LSI Carry Over	\$3,486	\$1,772	\$1,714					\$20		\$3,466
Local Funds	\$4,056	\$4,046	\$10					\$718		\$3,338
TOTAL	\$8,442	\$6,718	\$1,724					\$738		\$7,704
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$900	\$900								\$900
TransNet - LSI Carry Over	\$3,486	\$1,772	\$1,714					\$20		\$3,466
Local Funds	\$4,056	\$4,046	\$10					\$718		\$3,338
TOTAL	\$8,442	\$6,718	\$1,724					\$738		\$7,704

COMPLETED

MPO ID: VISTA51								RTIP #:16-04		
Project Title:		Minor Traffic Signal Modifications Program CIP8142					TransNet - LSI: CR			
Project Description:		City of Vista - improve and/or upgrade various traffic signal loop and detector systems; maintenance includes replacements of aging signal cabinets and battery back-up units, upgrades to ADA compliant pushbuttons, and upgrades of other signal equipment as necessary for improved traffic monitoring and coordination..								
Change Reason:		Complete project								
Capacity Status:		NCI Exempt Category: Other - Traffic signal synchronization projects								
Est Total Cost: \$477										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$26	\$26						\$26		
Local Funds	\$451	\$451						\$35		\$416
TOTAL	\$477	\$477						\$61		\$416
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$70	\$26	\$9	\$9	\$9	\$9	\$9	\$70		
Local Funds	\$451	\$451						\$35		\$416
TOTAL	\$521	\$477	\$9	\$9	\$9	\$9	\$9	\$105		\$416

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

Vista, City of

MPO ID: VISTA56		RTIP #:16-04								
Project Title:	Traffic Congestion Management Program - CIP 8294							TransNet - LSI: CR		
Project Description:	<p>City of Vista - The Traffic Congestion Management Plan identifies congested streets and intersections and recommended short-term and long-term/large scale projects to target traffic congestion relief. The short-term projects include traffic signal retiming, traffic signal interconnect in the northern half of the City and the implementation of a traffic measurement system to monitor congestion on City streets.</p> <p>TransNet - LSI RAMS of \$9 is programmed in FY 2017, TransNet - LSI RAMS of \$9 is programmed in FY 2018, TransNet - LSI RAMS of \$9 is programmed in FY 2019, TransNet - LSI RAMS of \$9 is programmed in FY 2020, TransNet - LSI RAMS of \$9 is programmed in FY 2021.</p> <p>TransNet - LSI RAMS of \$9 is programmed in FY 2017, TransNet - LSI RAMS of \$9 is programmed in FY 2018, TransNet - LSI RAMS of \$9 is programmed in FY 2019, TransNet - LSI RAMS of \$9 is programmed in FY 2020, TransNet - LSI RAMS of \$9 is programmed in FY 2021</p>									
Change Reason:	New project									
	Capacity Status:NCI Exempt Category:Other - Traffic signal synchronization projects									
Est Total Cost: \$644										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - LSI	\$45		\$9	\$9	\$9	\$9	\$9	\$45		
Local Funds	\$600			\$200	\$200	\$200				\$600
TOTAL	\$645		\$9	\$209	\$209	\$209	\$9	\$45		\$600

**2016 Regional Transportation Improvement Program
Amendment No. 4
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 115	High Priority Demonstration Program under FY 2004 Appropriations
DEMO-Sec 117/STP	Surface Transportation Program under FHWA Administrative Program (congressionally directed appropriations)
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 5309 (Bus)	Federal Transit Administration Discretionary Program
FTA Section 5310	Federal Transit Administration Elderly & Disabled Program
FTA Section 5317 (NF)	Federal Transit Administration New Freedom
FTA Section 5339	Federal Transit Administration Bus and Bus Facilities Formula Grant Program
HBP	Highway Bridge Program under SAFETEA-LU
HES	Hazard Elimination System (administered by Caltrans)
HPP	High Priority Program under SAFETEA-LU
HSIP	Highway Safety Improvement Program
NHS	National Highway System (administered by Caltrans)
RSTP	Regional Surface Transportation Program
STP-RL	Surface Transportation Program - Highway Railway Crossings Program (Section 130)
TCSP	Transportation, Community & System Preservation
TPFP	Truck Parking Facilities Program (Federal Discretionary)
CMAQ/RSTP Conversion	Reimbursement of advanced federal funds which have been advanced with local funds in earlier years
<u>State Funding</u>	
CMIA	Corridor Mobility Improvement Account (State Prop. 1B)
IRI	Intercity Rail Improvement (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)
TCRP	Traffic Congestion Relief Program
<u>Local Funding</u>	
Local Funds AC	Local Funds - Advanced Construction; mechanism to advance local funds to be reimbursed at a later fiscal year with federal/state funds
RTCIP	Regional Transportation Congestion Improvement Program
TDA	Transportation Development Act
TDA-B	Transportation Development Act-Bicycle & Pedestrian Facilities

**2016 Regional Transportation Improvement Program
Amendment No. 4
San Diego Region (in \$000s)**

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-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
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
TransNet-REMP	Prop. A Extension Local Transportation Sales Tax - Regional Environmental Mitigation Program
TransNet-SS	Prop. A Extension Local Transportation Sales Tax - Senior Services
TransNet-T	Prop. A Local Transportation Sales Tax - Transit

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	
LOCAL	Sales Tax	\$2,387,456	\$723,879	\$705,423	\$591,864	\$594,331	\$518,793	\$537,527	\$391,325	\$387,579	\$509,059	\$496,476	\$5,108,792
	-- County	\$2,387,456	\$723,879	\$705,423	\$591,864	\$594,331	\$518,793	\$537,527	\$391,325	\$387,579	\$509,059	\$496,476	\$5,108,792
	Other Local Funds	\$428,892	\$107,716	\$108,815	\$191,136	\$191,535	\$620,080	\$622,456	\$230,047	\$231,717	\$215,868	\$215,669	\$1,799,084
	-- County General Funds												
	-- City General Funds	\$289,675	\$93,177	\$94,226	\$87,003	\$87,402	\$121,243	\$123,619	\$111,680	\$113,350	\$95,540	\$95,540	\$803,813
	-- Street Taxes and Developer Fees	\$139,216	\$14,538	\$14,588	\$104,133	\$104,133	\$498,837	\$498,837	\$118,367	\$118,367	\$120,328	\$120,129	\$995,271
	-- RSTP Exchange funds												
	Other	\$526,428	\$91,225	\$102,112	\$66,521	\$66,615	\$53,563	\$53,737	\$55,343	\$55,523	\$58,321	\$58,321	\$862,737
	Local Total	\$3,342,775	\$922,820	\$916,350	\$849,521	\$852,482	\$1,192,436	\$1,213,721	\$676,715	\$674,818	\$783,249	\$770,467	\$7,770,613
	STATE	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$74,819	\$95,417	\$95,417	\$2,593	\$2,593
SHOPP (Including Augmentation)		\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$74,819	\$95,417	\$95,417	\$2,593	\$2,593	\$467,933
SHOPP Prior													
State Minor Program													
State Transportation Improvement Program		\$603,307	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105			\$44,000	\$44,000	\$650,622
STIP (Including Augmentation)		\$561,551	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105			\$44,000	\$44,000	\$608,866
Transportation Enhancement													
STIP Prior		\$41,756											\$41,756
Transportation Enhancement													
Proposition 1 A		\$99,698											\$99,698
Proposition 1 B		\$709,641	\$3,124	\$3,124							\$1,342	\$1,342	\$714,106
GARVEE Bonds (Includes Debt Service Payments)		\$197,000											\$197,000
Highway Maintenance (HM)			\$1,951	\$1,951									\$1,951
Traffic Congestion Relief Program (TCRP)		\$161,390	\$1,300	\$1,300	\$2,752	\$2,752			\$63,023	\$63,023			\$228,465
State Transit Assistance (e.g., population/revenue based, Prop 42)		\$96,445	\$12,951	\$12,951	\$5,319	\$5,319	\$4,770	\$4,770	\$4,770	\$4,770	\$4,770	\$4,770	\$129,026
Active Transportation Program	\$13,410	\$2,293	\$2,293	\$10,456	\$10,456	\$15,120	\$15,120					\$41,279	
Other	\$23,015	\$52,436	\$52,812	\$2,441	\$2,441	\$14,429	\$14,429	\$2,441	\$2,441	\$2,441	\$2,441	\$97,579	
State Total	\$1,937,724	\$224,113	\$224,489	\$134,405	\$134,405	\$102,638	\$110,243	\$165,651	\$165,651	\$55,146	\$55,146	\$2,627,658	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$524,591	\$66,534	\$66,534	\$67,865	\$67,865	\$69,222	\$69,222	\$69,222	\$69,222	\$69,222	\$69,222	\$866,656
	5308 - Clean Fuel Formula Program												
	5309a - Fixed Guideway Modernization	\$99,768											\$99,768
	5309b - New and Small Starts (Capital Investment Grants)	\$123,331	\$100,000	100,000	\$100,000	100,000	\$100,000	100,000	\$100,000	100,000	\$543,380	543,380	\$1,066,711
	5309c - Bus and Bus Related Grants	\$57,734											\$57,734
	5310 - Mobility of Seniors and Individuals with Disabilities	\$3,391		\$3,798									\$7,189
	5311 - Nonurbanized Area Formula Program	\$7,335	\$940	\$940	\$869	\$869	\$869	\$869	\$869	\$869	\$869	\$869	\$11,750
	5316 - Job Access and Reverse Commute Program												
	5317 - New Freedom												
	5337 - State of Good Repair	\$130,176	\$37,939	\$37,939	\$38,698	\$38,698	\$39,472	\$39,472	\$39,472	\$39,472	\$39,472	\$39,472	\$325,229
	5339 - Bus and Bus Facilities Program	\$13,466	\$4,974	\$4,974	\$5,073	\$5,073	\$5,174	\$5,174	\$5,174	\$5,174	\$5,174	\$5,174	\$39,036
	Other	\$93,839	\$160	\$160									\$93,999
	Federal Transit Total	\$1,053,632	\$210,547	\$214,345	\$212,504	\$212,504	\$214,737	\$214,737	\$214,737	\$214,736	\$658,116	\$658,117	\$2,568,072
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$340,091	\$32,148	\$32,148	\$27,721	\$27,721	\$33,531	\$33,531	\$34,223	\$34,223	\$34,223	\$34,223	\$501,936
	Coordinated Border Infrastructure (SAFETEA-LU Sec.1303)	\$192,381											\$192,381
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)												
	High Priority Projects (HPP) and Demo	\$114,036	\$7,277	\$7,277	\$1,000	\$1,000							\$122,313
	High Risk Rural Road (HRRR)												
	Highway Bridge Program (HBP)	\$43,955	\$8,885	\$8,885	\$3,558	\$3,558	\$3,630	\$3,630	\$39,240	\$39,240	\$269,484	\$269,484	\$368,751
	Highway Safety Improvement Program (HSIP)	\$1,930	\$4,732	\$5,155	\$3,842	\$3,842	\$2,469	\$11,959		\$13,231			\$36,117
	Safe Routes to School (SRTS) (SAFETEA-LU)												
	Surface Transportation Program (Regional)	\$432,595	\$39,156	\$39,156	\$41,522	\$41,522	\$43,071	\$43,072	\$44,862	\$44,862	\$44,862	\$44,862	\$646,070
	Other	\$248,299	\$3,567	\$3,567	\$800	\$800	\$1,369	\$1,369					\$254,034
Federal Highway Total	\$1,373,287	\$95,766	\$96,189	\$78,442	\$78,442	\$84,070	\$93,561	\$118,325	\$131,555	\$348,569	\$348,569	\$2,121,602	
FRA	American Recovery and Reinvestment Act of 2009												
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$26,479											\$26,479
	Other												
Federal Railroad Administration Total	\$26,479											\$26,479	
Federal Total	\$2,453,398	\$306,312	\$310,534	\$290,947	\$290,947	\$298,806	\$308,298	\$333,061	\$346,292	\$1,006,685	\$1,006,686	\$4,716,153	
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									\$585,430	\$585,430	\$585,430	
	Innovative Financing Total									\$585,430	\$585,430	\$585,430	
REVENUES TOTAL		\$7,733,897	\$1,453,245	\$1,451,373	\$1,274,872	\$1,277,833	\$1,593,881	\$1,632,261	\$1,175,427	\$1,186,761	\$2,430,511	\$2,417,729	\$15,699,855

*Revenues for CMAQ are reduced in FY 2017/2018 due to a payback to VCTC

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		
LOCAL	Local Total	\$3,342,775	\$895,936	\$890,841	\$820,521	\$827,418	\$1,176,369	\$1,202,030	\$670,992	\$672,121	\$182,008	\$172,535	\$7,107,721	
	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$74,819	\$95,417	\$95,417	\$2,593	\$2,593	\$467,933	
STATE	SHOPP (Including Augmentation)	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$74,819	\$95,417	\$95,417	\$2,593	\$2,593	\$467,933	
	State Transportation Improvement Program	\$603,307	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105			\$44,000	\$44,000	\$650,622	
	STIP (Including Augmentation)	\$561,551	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105			\$44,000	\$44,000	\$608,866	
	<i>Transportation Enhancement</i>													
	STIP Prior	\$41,756											\$41,756	
	Proposition 1 A	\$99,698											\$99,698	
	Proposition 1 B	\$709,641	\$3,124	\$3,124							\$1,342	\$1,342	\$714,106	
	GARVEE Bonds (Includes Debt Service Payments)	\$197,000												\$197,000
	Highway Maintenance (HM)		\$1,951	\$1,951										\$1,951
	Traffic Congestion Relief Program (TCRP)	\$161,390	\$1,300	\$1,300	\$2,752	\$2,752			\$63,023	\$63,023				\$228,465
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)	\$96,445	\$12,951	\$12,951	\$5,319	\$5,319	\$4,770	\$4,770	\$4,770	\$4,770	\$4,770	\$4,770		\$129,026
	Active Transportation Program	\$13,410	\$2,293	\$2,293	\$10,456	\$10,456	\$15,120	\$15,120						\$41,279
	Other	\$23,015	\$52,436	\$52,812	\$2,441	\$2,441	\$14,429	\$14,429	\$2,441	\$2,441	\$2,441	\$2,441		\$97,579
State Total	\$1,937,724	\$224,113	\$224,489	\$134,405	\$134,405	\$102,638	\$110,243	\$165,651	\$165,651	\$55,146	\$55,146		\$2,627,658	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$524,591	\$66,534	\$66,534	\$67,129	\$67,129	\$68,473	\$68,473	\$68,473	\$68,473	\$66,369	\$66,369	\$861,570	
	5308 - Clean Fuel Formula Program													
	5309a - Fixed Guideway Modernization	\$99,768											\$99,768	
	5309b - New and Small Starts (Capital Investment Grants)	\$123,331	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$543,380	\$543,380	\$1,066,711	
	5309c - Bus and Bus Related Grants	\$57,734											\$57,734	
	5310 - Elderly & Persons with Disabilities Formula Program	\$3,391		\$3,798									\$7,189	
	5311 - Nonurbanized Area Formula Program	\$7,335	\$940	\$940	\$869	\$869	\$869	\$869	\$869	\$869	\$869	\$869	\$11,750	
	5337 - State of Good Repair	\$130,176	\$37,939	\$37,939	\$38,698	\$38,698	\$39,472	\$39,472	\$39,472	\$39,472	\$37,335	\$37,335	\$323,092	
	5339 - Bus and Bus Facilities Program	\$13,466	\$4,974	\$4,974	\$5,073	\$5,073	\$5,174	\$5,174	\$5,174	\$5,174	\$5,174	\$5,174	\$39,036	
	Other	\$93,839	\$160	\$160										\$93,999
Federal Transit Total	\$1,053,632	\$210,547	\$214,345	\$211,769	\$211,769	\$213,988	\$213,988	\$213,988	\$213,988	\$653,126	\$653,126		\$2,560,848	
FEDERAL HIGHWAY	Bridge Discretionary Program													
	Congestion Mitigation and Air Quality (CMAQ)	\$340,091	\$32,148	\$32,148	\$27,721	\$27,721	\$33,531	\$33,531	\$34,057	\$34,057	\$7,373	\$7,373	\$474,921	
	Coordinated Border Infrastructure (SAFETEA-LU Sec. 1303)	\$192,381											\$192,381	
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)													
	High Priority Projects (HPP) and Demo	\$114,036	\$7,277	\$7,277	\$1,000	\$1,000							\$122,313	
	High Risk Rural Road (HRRR)													
	Highway Bridge Program (HBP)	\$43,955	\$8,885	\$8,885	\$3,558	\$3,558	\$3,630	\$3,630	\$39,240	\$39,240	\$269,484	\$269,484	\$368,751	
	Highway Safety Improvement Program (HSIP)	\$1,930	\$4,732	\$5,155	\$3,842	\$3,842	\$2,469	\$11,959		\$13,231				\$36,117
	Recreational Trails													
	Safe Routes to School (SRTS) (SAFETEA-LU)													
Surface Transportation Program (Regional)	\$432,595	\$39,156	\$39,156	\$26,522	\$26,522	\$43,071	\$43,072	\$27,251	\$27,251				\$568,597	
Other	\$248,299	\$3,567	\$3,567	\$800	\$800	\$1,369	\$1,369						\$254,034	
Federal Highway Total	\$1,373,287	\$95,766	\$96,189	\$63,442	\$63,442	\$84,070	\$93,561	\$100,548	\$113,779	\$276,857	\$276,857		\$2,017,114	
FRA	American Recovery and Reinvestment Act of 2009 (ARRA)													
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$26,479											\$26,479	
	Other													
Federal Railroad Administration Total	\$26,479												\$26,479	
Federal Total	\$2,453,398	\$306,312	\$310,534	\$275,211	\$275,211	\$298,058	\$307,549	\$314,536	\$327,766	\$929,983	\$929,983		\$4,604,441	
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										\$585,430	\$585,430	\$585,430	
	Innovative Financing Total										\$585,430	\$585,430	\$585,430	
PROGRAM TOTAL		\$7,733,897	\$1,426,362	\$1,425,863	\$1,230,137	\$1,237,034	\$1,577,065	\$1,619,822	\$1,151,179	\$1,165,539	\$1,752,567	\$1,743,095	\$14,925,251	

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		
LOCAL	Local Total	\$26,883	\$25,509	\$29,000	\$25,064	\$16,068	\$11,690	\$5,723	\$2,697	\$601,241	\$597,932	\$662,892	
	State Highway Operations and Protection Program												
STATE	SHOPP (Including Augmentation)												
	SHOPP Prior												
	State Minor Program												
	State Transportation Improvement Program												
	STIP (Including Augmentation)												
	Transportation Enhancement												
	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			\$735	\$735	\$749	\$749	\$749	\$749	\$2,853	\$2,853	\$5,086	
	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												
	5337 - State of Good Repair									\$2,137	\$2,137	\$2,137	
	5339 - Bus and Bus Facilities Program												
	Other												
Federal Transit Total			\$735	\$735	\$749	\$749	\$749	\$749	\$4,990	\$4,990	\$7,223		
FEDERAL HIGHWAY	Bridge Discretionary Program												
	Congestion Mitigation and Air Quality (CMAQ)							\$165	\$165	\$26,850	\$26,850	\$27,016	
	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)			\$15,000	\$15,000			\$17,611	\$17,611	\$44,862	\$44,862	\$77,473	
Other													
Federal Highway Total			\$15,000	\$15,000			\$17,777	\$17,777	\$71,712	\$71,712	\$104,489		
FRA	American Recovery and Reinvestment Act of 2009												
	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)												
	Other												
Federal Railroad Administration Total													
Federal Total			\$15,735	\$15,735	\$749	\$749	\$18,525	\$18,525	\$76,703	\$76,703	\$111,712		
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)												
	Innovative Financing Total												
REVENUES - PROGRAM TOTAL		\$26,883	\$25,509	\$44,735	\$40,799	\$16,816	\$12,439	\$24,248	\$21,223	\$677,944	\$674,634	\$774,604	

SANDAG 2016 RTIP

Amendment No. 4

Summary of Changes

**Summary of Changes
2016 RTIP - Amendment No. 4**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Caltrans	CAL29B	SR 76 East	0%	\$0	\$201,664,000	\$201,664,000	Revise funding between fiscal years
Caltrans	CAL38	SR-905 New Freeway	-1%	-\$5,441,000	\$425,356,866	\$419,915,866	Reduce funding
Caltrans	CAL38C	SR-905 Westbound connector from SR-125		\$5,441,000	\$0	\$5,441,000	New project
Caltrans	CAL46B	Grouped Projects for Safety Improvements - SHOPP Collision Reduction (CR) Program	3%	\$2,667,000	\$102,431,000	\$105,098,000	Increase funding
Caltrans	CAL46D	Grouped Projects for Bridge Preservation	10%	\$4,938,000	\$49,374,000	\$54,312,000	Increase funding
Caltrans	CAL78C	I-805 HOV/Managed Lanes - South	0%	\$210,000	\$240,152,000	\$240,362,000	Increase funding, Revise funding between fiscal years
Caltrans	CAL105	Grouped Projects for Highway Safety Improvement - HSIP Program	204%	\$26,768,416	\$13,121,690	\$39,890,106	Increase funding
Caltrans	CAL278	SR78 HOV/Managed Lanes	0%	\$0	\$1,683,000	\$1,683,000	Revise funding between fiscal years
Chula Vista, City of	CHV06	Pavement Rehabilitation Program	0%	\$5,000	\$24,814,950	\$24,819,950	Increase funding
Chula Vista, City of	CHV22	Advance Planning Studies	0%	\$3,353	\$1,775,242	\$1,778,595	Increase funding
Chula Vista, City of	CHV30	I-5 Multi-Modal Corridor Improvement Study	6%	\$158,483	\$2,871,063	\$3,029,546	Increase funding
Chula Vista, City of	CHV33	School Zone Traffic Calming Program	0%	-\$4,000	\$2,251,930	\$2,247,930	Reduce funding
Chula Vista, City of	CHV34	Neighborhood Traffic and Pedestrian Safety Program	2%	\$40,000	\$2,604,430	\$2,644,430	Increase funding
Chula Vista, City of	CHV35	Traffic Signing, Studies and Signal Upgrade	0%	\$13,866	\$4,944,264	\$4,958,130	Increase funding

Summary of Changes 2016 RTIP - Amendment No. 4

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Chula Vista, City of	CHV39	Traffic Signal System Optimization	3%	\$51,404	\$1,719,858	\$1,771,262	Increase funding
Chula Vista, City of	CHV43	Congestion Relief Study and Implementation	1%	\$10,000	\$941,585	\$951,585	Increase funding
Chula Vista, City of	CHV44	I-805, SR54 and Otay Mesa Transportation System Improvements	5%	\$20,000	\$419,481	\$439,481	Add new funding source
Chula Vista, City of	CHV45	Traffic Monitoring Program	-7%	-\$99,866	\$1,466,000	\$1,366,134	Reduce funding
Chula Vista, City of	CHV48	Pavement Major Rehabilitation	-2%	-\$809,554	\$40,272,364	\$39,462,810	Reduce funding, Revise funding between fiscal years
Chula Vista, City of	CHV50	Emergency Storm Drain and Bridge Culvert Repair	-4%	-\$256,835	\$6,219,369	\$5,962,534	Reduce funding
Chula Vista, City of	CHV51	Cross Gutter Replacement	-1%	-\$5,149	\$480,000	\$474,851	Reduce funding
Chula Vista, City of	CHV58	New Sidewalk Construction	-1%	-\$21,134	\$2,915,258	\$2,894,124	Reduce funding, Revise project description
Chula Vista, City of	CHV60	Traffic Signal Upgrades	0%	-\$4,988	\$2,557,503	\$2,552,515	Reduce funding
Chula Vista, City of	CHV75	ADA Curb Ramps	14%	\$150,000	\$1,100,000	\$1,250,000	Increase funding
Chula Vista, City of	CHV77	Main Street Fiber Optics	-75%	-\$300,000	\$400,000	\$100,000	Reduce funding
Chula Vista, City of	CHV79	Raised Median Improvements	18%	\$80,000	\$440,000	\$520,000	Increase funding
Chula Vista, City of	CHV83	Local Street Utility Undergrounding Districts		\$100,000	\$0	\$100,000	New project
Chula Vista, City of	CHV84	Retiming of Traffic Signals and Installation of Fiber Optic/Ethernet		\$623,384	\$0	\$623,384	New project

Summary of Changes 2016 RTIP - Amendment No. 4

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
Escondido, City of	ESC02A	East Valley/Valley Center	1%	\$53,976	\$10,566,878	\$10,620,854	Add new funding source
Escondido, City of	ESC11	Street Rehabilitation & Resurface		\$23,046,331	\$0	\$23,046,331	Revise funding between fiscal years
Escondido, City of	ESC37	Pavement Maintenance	1%	\$227,969	\$17,097,650	\$17,325,619	Add new funding source, Increase funding
Escondido, City of	ESC38	Pavement Rehabilitation/Reconstruction	-4%	-\$713,661	\$19,517,380	\$18,803,719	Add new funding source, Reduce funding
San Diego Association of Governments	SAN27	San Ysidro Intermodal Freight Facility/South Line Rail	0%	\$0	\$88,961,472	\$88,961,472	Revise funding between fiscal years
San Diego Association of Governments	SAN47	South Bay BRT	0%	-\$128	\$112,926,018	\$112,925,890	Revise funding between fiscal years
San Diego Association of Governments	SAN79	Centralized Train Control (CTC)		\$14,333,634	\$0	\$14,333,634	Reduce funding
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	0%	\$0	\$210,368,023	\$210,368,023	Lump sum revision
San Diego Association of Governments	SAN208	Clairemont Mesa Blvd BRT Stations	24%	\$349,072	\$1,424,932	\$1,774,004	Increase funding
San Diego Association of Governments	SAN212	BRT Wi-Fi Phase 1	-28%	-\$349,375	\$1,230,000	\$880,625	Reduce funding
San Diego Association of Governments	SAN213	Grouped Projects for Operating Assistance - FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities	60%	\$3,313,062	\$5,542,887	\$8,855,949	Increase funding
San Diego Association of Governments	SAN214	Grouped Projects for Capital Purchase - FTA Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities	241%	\$5,165,085	\$2,139,040	\$7,304,125	Increase funding
Solana Beach, City of	SB16	Pavement Resurfacing	19%	\$130,000	\$683,747	\$813,747	Increase funding
San Diego, City of	SD09	Sidewalks - Citywide	17%	\$2,491,118	\$14,532,609	\$17,023,727	Add new funding source, Increase funding

Summary of Changes 2016 RTIP - Amendment No. 4

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
San Diego, City of	SD16A	Traffic Signals – Citywide	11%	\$2,850,000	\$26,854,515	\$29,704,515	Increase funding
San Diego, City of	SD17	Guard Rails	44%	\$625,000	\$1,412,000	\$2,037,000	Add new funding source, Increase funding
San Diego, City of	SD49	Median Improvements Citywide	6%	\$280,641	\$5,011,331	\$5,291,972	Increase funding
San Diego, City of	SD83	SR 163/Friars Road Interchange Modification	8%	\$4,000,000	\$49,397,967	\$53,397,967	Increase funding
San Diego, City of	SD90	SR 163/Clairemont Mesa Blvd. Interchange	2%	\$500,000	\$26,573,823	\$27,073,823	Increase funding
San Diego, City of	SD99	Bridge Rehabilitation	14%	\$600,000	\$4,334,026	\$4,934,026	Add new funding source
San Diego, City of	SD164	Miramar Road		\$1,425,000	\$0	\$1,425,000	Add new funding source
Santee, City of	SNT04	Santee Rehabilitation and Major Repair Work	-1%	-\$280,410	\$23,953,094	\$23,672,684	Reduce funding
Santee, City of	SNT22	Santee Slurry Seal and Roadway Maintenance	-2%	-\$73,020	\$3,181,486	\$3,108,466	Reduce funding
Various Agencies	V12	Grouped Projects for Bicycle and Pedestrian Facilities.	-2%	-\$300,000	\$13,587,000	\$13,287,000	Reduce funding
Various Agencies	V16	Grouped Projects for Operating Assistance - TransNet Senior Mini-Grant Program	69%	\$3,094,897	\$4,500,042	\$7,594,939	Increase funding
Various Agencies	V17	Grouped Projects for TransNet Active Transportation Grant Program (ATGP)	4%	\$219,996	\$6,262,504	\$6,482,500	Increase funding
Vista, City of	VISTA46	Annual Street Construction and Overlay CIP8225	-3%	-\$332,000	\$12,071,964	\$11,739,964	Reduce funding
Vista, City of	VISTA56	Traffic Congestion Management Program - CIP 8294		\$644,000	\$0	\$644,000	New project
Total				\$95,638,567	\$1,794,106,241	\$1,889,744,808	

SANDAG 2016 RTIP

Amendment No. 4

Grouped Project Listings

**Grouped Projects for Safety Improvements -
SHOPP Collision Reduction Program (CAL46B)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CAL351	Caltrans	Lemon Grove - West of College Ave. to Campo Rd. Improve maintenance worker safety.	In and Near Lemon Grove at various locations, from west of College Avenue to Campo Road, 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 (SRRRA) Rehab	Near Pine Valley, at Buckman Springs Safety Roadside Rest Area (SRRRA), rehabilitate SRRRA sewer and water systems.	\$0	\$0	\$6,278,000	\$0	\$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. 4**

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	\$2,667,000
Total				\$0	\$39,648,000	\$27,336,000	\$22,903,000	\$15,211,000	\$0	\$105,098,000

**Grouped Projects for Safety Improvements -
SHOPP Program (CAL46D)
Through Amendment No. 4**

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 San Luis Rey River Bridge, bridge rail upgrades.	Near Palomar Mountain State Park, from Gomez Creek Bridge No. 57-0158 to San Luis Rey River Bridge No. 57-0171 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	In San Diego County- Buena Vista Creek Bridge to Chihuahua Creek Bridge.	In San Diego County, at various locations from Buena Vista Creek Bridge to Chihuahua Creek Bridge. Rehabilitate bridge railing on five bridges.	\$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
Total				\$0	\$46,781,000	\$0	\$4,938,000	\$0	\$2,593,000	\$54,312,000

**Highway Safety Improvement Program (HSIP) (CAL105)
2017 FTIP/ 2016 RTIP Back-Up List for
San Diego Association of Governments**

Unique Project ID	MPO ID	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2016/17	Federal Funds Programmed in 2017/18	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20
H8-11-001	CAL444	11	Chula Vista	SANDAG	Various locations citywide.	Install pedestrian countdown signals.	\$1,215,900	\$1,215,900	\$0	\$0	\$0	\$0	\$1,215,900	\$0
H8-11-002	CAL445	11	Chula Vista	SANDAG	Various locations west of I-805 and east of I-5 to City Limits and signals along Main St.	Retiming of traffic signals and installation of fiber optic/ethernet communication system.	\$1,323,100	\$661,550	\$661,550	\$0	\$0	\$0	\$661,550	\$0
H8-11-003	CAL446	11	Chula Vista	SANDAG	Five (5) intersections: Broadway and Anita Street; Third Avenue and Oxford Street; Fifth Avenue and "E" Street; Fifth Avenue and "F" Street; Fifth Avenue and "G" Street.	Provide for protected left turn movement at two intersections and install traffic signals on mast arms at three intersections.	\$829,800	\$829,800	\$0	\$0	\$0	\$0	\$829,800	\$0
HSIP6-11-001	CAL331	11	Chula Vista	SANDAG	Hilltop Dr/L St, Fourth Ave/J St, Third Ave/I St, and Third Ave/H St	Upgrade traffic signals; install pedestrian countdown heads; install protected left-turn phasing; upgrade ramps, lights, signs and striping	\$800,000	\$719,900	\$80,100	\$48,600	\$0	\$0	\$671,300	\$0
HSIP7-11-001	CAL409	11	Chula Vista	SANDAG	At Broadway/F street and Broadway/G Street	Provide protected left-turn phases	\$517,000	\$517,000	\$0	\$67,000	\$450,000	\$0	\$0	\$0
HSIP7-11-002	CAL410	11	Chula Vista	SANDAG	At 4 intersections: H Street / Oaklawn Ave, Fourth Ave / Park Way, Fourth Ave / Davidson St, H Street / Woodlawn Ave	Install pedestrian crossing and protected left-turn phase	\$437,300	\$437,300	\$0	\$58,000	\$379,300	\$0	\$0	\$0
HSIP7-11-003	CAL411	11	Chula Vista	SANDAG	On Palomar St between Industrial Blvd to Broadway	InstallbBike Lanes and sidewalks	\$430,100	\$387,090	\$43,010	\$60,300	\$326,790	\$0	\$0	\$0
H8-11-004	CAL447	11	El Cajon	SANDAG	Washington Avenue between Third Street and Dehesa Road.	Reconfigure lane geometry from four travel lanes to three, add a two-way left-turn lane, bicycle lanes, and install roadway segment lighting.	\$627,500	\$564,750	\$62,750	\$0	\$0	\$0	\$564,750	\$0
HSIP7-11-004	CAL412	11	El Cajon	SANDAG	Washington Ave. between Jamacha Rd. and El Cajon Blvd.; Chase Ave. between Anza St. and Johnson Ave.; El Cajon Blvd. between Boulevard Pl. and Main St.; Main St. between Travelodge Dr. and Magnolia Ave.	Installation of a traffic signal interconnect fiberoptic cable system to implement coordination timing and the installation of street lighting	\$1,039,500	\$1,039,500	\$0	\$74,000	\$965,500	\$0	\$0	\$0
H8-11-005	CAL448	11	Encinitas	SANDAG	Intersections of Encinitas Blvd and Vulcan Avenue, Leucadia Boulevard and Quail Gardens Drive, Santa Fe Drive and Scripps Driveway, and Leucadia Boulevard and North Vulcan Avenue.	Replace existing permissive left-turn phases and signal heads with protected left-turn phases and signal heads on existing and/or new traffic signal poles and mast arms.	\$532,200	\$532,200	\$0	\$0	\$0	\$0	\$532,200	\$0

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H8-11-006	CAL449	11	Encinitas	SANDAG	North Coast Highway 101 from Jasper Street to Phoebe Street.	Install a HAWK beacon.	\$316,000	\$316,000	\$0	\$0	\$0	\$0	\$316,000	\$0
H8-11-007	CAL450	11	Encinitas	SANDAG	Corridors of 2nd St, Birmingham Dr, Coast Highway 101, El Camino Real, Encinitas Blvd, Garden View Rd, Leucadia Blvd, Mountain Vista Dr, Olivenhain Rd, Quail Garden Dr, Santa Fe Dr, Via Cantabria, Village Park Wy, and Vulcan Ave/San Elijo Ave.	Install LED luminaire safety lighting at signalized intersections and LED street lighting along project corridors.	\$718,000	\$718,000	\$0	\$0	\$0	\$0	\$718,000	\$0
HSIP6-11-007	CAL347	11	Escondido	SANDAG	E El Norte Parkway/N Fig St, E Valley Parkway/N Date St	Install traffic signals	\$688,700	\$619,600	\$69,100	\$54,990	\$0	\$0	\$564,610	\$0
H8-11-009	CAL451	11	La Mesa	SANDAG	Various streets.	Install regulatory and warning signs.	\$161,100	\$151,540	\$9,560	\$0	\$0	\$0	\$151,540	\$0
HSIP6-11-008	CAL348	11	La Mesa	SANDAG	On Spring St between Center St and Lemon Ave, Various location on El Cajon Blvd	Construct sidewalk; Upgrade traffic signals (interconnect); Install pedestrian countdown heads	\$1,312,230	\$1,077,450	\$234,780	\$170,250	\$0	\$0	\$907,200	\$0
HSIP6-11-009	CAL349	11	La Mesa	SANDAG	On Fletcher Parkway between Baltimore Dr and Dallas St, on Baltimore Dr between Fletcher Parkway and City Hall	Upgrade traffic signals (interconnect); install pedestrian countdown signal heads	\$730,000	\$630,000	\$100,000	\$60,000	\$0	\$0	\$570,000	\$0
HSIP7-11-005	CAL413	11	La Mesa	SANDAG	Signalized intersections on the following corridors: Amaya Dr, Baltimore Dr, Center Dr, El Cajon Blvd, Grossmont Center Dr, Jackson Dr, La Mesa Blvd, Lake Murray Blvd, Murray Dr, Spring St, and University Ave	Upgrade fiber optic traffic signal interconnect system including installation of: cable, controllers, BBS, monitoring devices, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$904,900	\$904,900	\$0	\$75,000	\$0	\$829,900	\$0	\$0
H8-11-010	CAL452	11	National City	SANDAG	Sweetwater Road from Plaza Bonita Road/Stockman to Plaza Bonita Centerway.	Install pinned raised median and street lighting.	\$786,600	\$680,940	\$105,660	\$0	\$0	\$0	\$680,940	\$0
H8-11-011	CAL453	11	National City	SANDAG	Signalized intersections on corridors: 8th St, 18th St, 30th St/Sweetwater Rd, Bay Marina Dr/Mile of Cars Wy, Division St, Euclid Ave, National City Blvd, Plaza Blvd/Paradise Valley Rd, Tideland Ave; Plaza Bonita Ctrwy & Valley Rd, 16th St & Palm Ave.	Install pedestrian countdown signal heads and ADA-compliant pedestrian push buttons.	\$520,900	\$512,900	\$8,000	\$0	\$0	\$0	\$512,900	\$0
H8-11-012	CAL454	11	National City	SANDAG	Signalized intersections of National City Blvd at 16th St and Euclid Ave at 4th St.	Replace existing permissive left-turn phases and signal heads with protected left-turn phases and signal heads on existing and/or new traffic signal poles and mast arms.	\$191,800	\$176,800	\$15,000	\$0	\$0	\$0	\$176,800	\$0

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H8-11-013	CAL455	11	National City	SANDAG	Thirty-two (32) signalized intersections - Tidelands Ave/19th St, Palm Ave/16th St, and on the following corridors: 8th St, 18th St, 30th St/Sweetwater Rd, Bay Marina Dr/Mile of Cars Wy/24th St, Division St, Euclid Ave, Plaza Blvd/Paradise Valley Rd.	Install LED luminaire safety lighting.	\$183,200	\$175,200	\$8,000	\$0	\$0	\$0	\$175,200	\$0
HSIP6-11-010	CAL334	11	National City	SANDAG	Highland Ave/E 4th St, Highland Ave/Shopping Center Driveway, Highland Ave/E 16th St, Highland Ave/E 18th St, Highland Ave/E 21st St, Highland Ave/E 24th St	Upgrade traffic signals; Install protected left-turn phasing	\$828,400	\$729,300	\$99,100	\$0	\$0	\$0	\$729,300	\$0
HSIP6-11-011	CAL335	11	National City	SANDAG	Highland Ave/28th St	Install traffic signals	\$181,200	\$154,000	\$27,200	\$0	\$0	\$0	\$154,000	\$0
HSIP6-11-012	CAL336	11	National City	SANDAG	9 intersections throughout National City	Install pedestrian crossings and related improvements	\$924,900	\$811,650	\$113,250	\$0	\$0	\$0	\$811,650	\$0
HSIP6-11-013	CAL337	11	National City	SANDAG	National City Blvd/30th St, National City Blvd/E Plaza Blvd, Sweetwater Rd/Euclid Ave	Upgrade traffic signals (interconnect)	\$580,200	\$501,400	\$78,800	\$0	\$0	\$0	\$501,400	\$0
HSIP7-11-006	CAL414	11	National City	SANDAG	Signalized intersections along the following corridors within City limits: 8th Street, 18th Street, Division Road, Euclid Avenue, Mile of Cars Way, Palm Avenue, and Plaza Boulevard.	Upgrade fiber optic traffic signal communication system including installation of: conduit, cable, radios, controllers, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$475,100	\$455,100	\$20,000	\$0	\$455,100	\$0	\$0	\$0
HSIP7-11-007	CAL415	11	National City	SANDAG	Signalized Intersections on the following corridors: D Ave, Euclid Ave, Highland Ave, National City Blvd, Palm Ave, Plaza Blvd, Sweetwater Rd Midblock crosswalk locations citywide	Install LED luminaire safety lighting at signalized intersections and pedestrian level LED street lighting at midblock crosswalks with additional pedestrian safety enhancements at select midblock locations	\$724,700	\$625,230	\$99,470	\$0	\$0	\$625,230	\$0	\$0
HSIP7-11-008	CAL416	11	National City	SANDAG	At the intersections of National City Blvd & 30th St, Plaza Blvd & N Ave, Plaza Blvd & Harbison Ave, Euclid Ave & 16th St, Euclid Ave & 18th St, 30th St & L Ave, Sweetwater Rd & Prospect St, Sweetwater Rd & Ring Rd.	Installing pedestrian crossings at signalized intersections and necessary related access and equipment improvements.	\$261,200	\$243,200	\$18,000	\$0	\$243,200	\$0	\$0	\$0
HSIP7-11-009	CAL417	11	Oceanside	SANDAG	On Douglas Drive between approximately 300 feet south of Westport Drive and 250 feet north of Via Cibola.	Install a raised median from 300 ft. south of Westport Dr to 250 ft. north of Festival Dr, and raised median islands on the approaches of two non-signalized intersections along Douglas Dr at Corte Bocina and at Via Cibola.	\$778,700	\$700,830	\$77,870	\$45,000	\$0	\$655,830	\$0	\$0
H8-11-014	CAL456	11	San Diego	SANDAG	University Avenue between Fairmount Avenue and Euclid Avenue.	Implement Complete Street measures including raised medians with pedestrian refuges, roundabouts, and wider sidewalks.	\$6,045,800	\$5,441,220	\$604,580	\$0	\$0	\$0	\$0	\$5,441,220

**Highway Safety Improvement Program (HSIP) (CAL105)
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Unique Project ID	MPO ID	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2016/17	Federal Funds Programmed in 2017/18	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20
H8-11-015	CAL457	11	San Diego County	SANDAG	Jamacha Boulevard between Sweetwater Road and Gillespie Drive, adjacent the Spring Valley Shopping Center, in the unincorporated community of Spring Valley.	Construct raised median and install traffic signal with striping, raised pavement markers, signage, and continental crosswalk striping.	\$930,600	\$837,540	\$93,060	\$0	\$0	\$0	\$0	\$837,540
H8-11-016	CAL458	11	San Diego County	SANDAG	Woodside Ave from Marilla Dr to Chestnut St in the unincorporated community of Lakeside.	Construct sidewalks, bike lanes, and advanced dilemma zone detection with signal coordination.	\$7,724,200	\$6,951,780	\$772,420	\$0	\$0	\$0	\$0	\$6,951,780
HSIP7-11-010	CAL418	11	San Diego County	SANDAG	Wintergardens Blvd. from Woodside Ave to Lemoncrest Dr in the unincorporated community of Lakeside in San Diego County.	Construct sidewalk, curb, gutter, curb ramps, driveways, bike lanes, stripes, pavement markings and a traffic signal modification	\$741,000	\$607,440	\$133,560	\$0	\$0	\$607,440	\$0	\$0
HSIP5-11-016	CAL315	11	San Marcos	SANDAG	Various locations on San Marcos Blvd., South Twin Oaks Valley Rd., San Elijo Rd., Rancho Santa Fe South, Linda Vista, Barham, Las Posas, Via Vera Cruz	Upgrade traffic signals (interconnect)	\$550,000	\$495,000	\$55,000	\$72,000	\$423,000	\$0	\$0	\$0
HSIP5-11-017	CAL316	11	San Marcos	SANDAG	Various locations throughout the city	Install safety lighting	\$446,500	\$401,800	\$44,700	\$18,000	\$383,800	\$0	\$0	\$0
HSIP6-11-016	CAL340	11	San Marcos	SANDAG	10 intersections throughout San Marcos	Upgrade traffic signals: hardware, vehicle detection systems and other safety improvements	\$500,000	\$450,000	\$50,000	\$45,000	\$405,000	\$0	\$0	\$0
HSIP6-11-018	CAL342	11	Santee	SANDAG	On Mission Gorge Rd between Riverview Parkway and 1st Ave	Install raised median	\$780,000	\$702,000	\$78,000	\$97,000	\$0	\$605,000	\$0	\$0
HSIP7-11-011	CAL419	11	Santee	SANDAG	Mission Gorge Road from SR 52 westbound on-ramp to Carlton Hills Boulevard	Install streetlights	\$365,500	\$365,500	\$0	\$0	\$365,500	\$0	\$0	\$0
HSIP7-11-012	CAL420	11	Santee	SANDAG	Around Santana High School on Mast Boulevard from Park Center Drive to Grand Teton Way, Magnolia Avenue from Mast Boulevard to 2nd Street, 2nd Street from Magnolia Avenue to Cleary Street	Install streetlights	\$518,200	\$518,200	\$0	\$0	\$0	\$518,200	\$0	\$0
H8-11-017	CAL459	11	Vista	SANDAG	Signalized intersections on the following corridors: North Melrose Drive, Santa Fe Avenue, Civic Center Drive, Vista Way/Vista Village Drive, and Bobier Drive/Foothill Drive.	Install traffic signal interconnect system including: conduit, cable, monitoring devices, controllers, and related communication equipment.	\$1,420,400	\$710,200	\$710,200	\$0	\$0	\$0	\$710,200	\$0
HSIP6-11-019	CAL343	11	Vista	SANDAG	On E Vista Way between Fire Station 6 and Williamston St	Install raised median; modify striping	\$529,900	\$476,900	\$53,000	\$49,500	\$0	\$0	\$427,400	\$0
HSIP6-11-020	CAL344	11	Vista	SANDAG	Varrious locations throughout Vista	Upgrade traffic signals (interconnect)	\$941,160	\$866,860	\$74,300	\$108,674	\$758,186	\$0	\$0	\$0
Totals							\$40,513,490	\$35,913,470	\$4,600,020	\$1,103,314	\$5,155,376	\$3,841,600	\$12,582,640	\$13,230,540

**Group Projects for Rehabilitation or Reconstruction of Track Structures, Track,
and Trackbed in Existing Rights-of-Way - Coastal Rail Corridor (SAN114)
Through Amendment No. 4**

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 3rd track at station to facilitate train passing and improve operations	\$14,165,029	\$12,313,000	\$581,500	\$19,500	\$0	\$0	\$27,079,029
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	\$11,333,023	\$107,111	\$2,902,000	\$6,876,000	\$283,000	\$0	\$21,501,134
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	\$2,559,709	\$145,000	\$1,775,393	\$0	\$0	\$0	\$4,480,102
SAN149	San Diego Association of Governments	COASTER PE	Preliminary engineering and environmental studies for prioritization of COASTER improvement projects to better define future projects	\$898,846	\$75,000	\$72,000	\$15,000	\$11,154	\$0	\$1,072,000
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	\$4,154,000	\$11,167,000	\$17,785,000	\$250,000	\$0	\$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	\$6,033,000	\$8,175,000	\$21,482,000	\$16,479,000	\$731,000	\$0	\$52,900,000
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	\$9,130,053	\$340,000	\$0	\$0	\$0	\$0	\$9,470,053
Total				\$104,629,365	\$25,309,111	\$37,979,893	\$41,174,500	\$1,275,154	\$0	\$210,368,023

**Grouped Projects for Operating Assistance - FTA Section 5310
Enhanced Mobility of Seniors and Individuals with Disabilities (SAN213)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
LAM27	La Mesa, City of	Rides4Neighbors	City of La Mesa - Volunteer Driver Transportation Service - develop, coordinate, and implement new service provide assistance for essential medial shopping needs	\$0	\$350,000	\$56,179	\$97,709	\$0	\$0	\$503,888
SAN190	San Diego Association of Governments	St. Madeline Sophie's Center (SMSC)	Operating funds for volunteer driver program	\$0	\$621,000	\$0	\$0	\$0	\$0	\$621,000
SAN240	San Diego Association of Governments	Noah Homes Residents Transportation Program and Services	Operating Funds	\$0	\$507,750	\$0	\$0	\$0	\$0	\$507,750
SAN242	San Diego Association of Governments	Travelers Aid Society - Ride Easy	Operating Funds	\$0	\$222,196	\$0	\$0	\$0	\$0	\$222,196
SAN243	San Diego Association of Governments	Travelers Aid Society - RideFinder	Provides Mobility Training		\$94,250	\$0	\$0	\$0	\$0	\$94,250
SAN70	San Diego Association of Governments	Jewish Family Services - Volunteer Driver Transportation/ Rides and Smiles	Volunteer driver program that offers personal transportation to seniors and disabled	\$0	\$1,001,422	\$468,286	\$484,491	\$0	\$0	\$1,954,199
Total				\$0	\$2,796,618	\$524,465	\$582,200	\$0	\$0	\$3,903,283

**Grouped Projects for Capital Purchase - FTA Section 5310
Enhanced Mobility of Seniors and Individuals with Disabilities (SAN214)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SAN139	San Diego Association of Governments	FACT MedAccessRide	expand mobility management services by purchasing an accessible vehicle to provide medical transportation for persons with disabilities beyond the service area covered by ADA paratransit	\$687,884	\$30,000	\$0	\$0	\$0	\$0	\$717,884
SAN168	San Diego Association of Governments	FACT Mobility Management	maintain FACT's existing mobility management services throughout San Diego County	\$1,336,005	\$685,151	\$300,000	\$300,000	\$0	\$0	\$2,621,156
SAN189	San Diego Association of Governments	St. Madeline Sophie's Center (SMSC)	Capital purchases of paratransit vehicles	\$345,150	\$150,000	\$0	\$0	\$0	\$0	\$495,150
SAN216	San Diego Association of Governments	Home of Guiding Hands (HGH)	Community Integration and Mobilization Program purchase of buses and mini-vans	\$1,231,000	\$650,000	\$0	\$0	\$0	\$0	\$1,881,000
SAN217	San Diego Association of Governments	Sharp Healthcare Foundation	Healthcare Patient Transportation Services - vehicle procurement	\$189,710	\$150,000	\$0	\$0	\$0	\$0	\$339,710
SAN218	San Diego Association of Governments	Jewish Family Services	Vehicle Procurement	\$87,225	\$198,000	\$0	\$0	\$0	\$0	\$285,225
SAN241	San Diego Association of Governments	Noah Homes Vehicle Purchase	Purchase of Class D Vehicle	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
SAN244	San Diego Association of Governments	MTS Vehicle Purchase	Purchasing Class B Vehicle	\$0	\$570,892	\$0	\$33,908	\$115,200	\$0	\$720,000
SAN245	San Diego Association of Governments	BEZSAM Inc. Vehicle Purchase	Purchase of 2 Class B Vehicles (#2 and #3)	\$0	\$144,000	\$0	\$0	\$0	\$0	\$144,000
Total				\$3,876,974	\$2,678,043	\$300,000	\$333,908	\$115,200	\$0	\$7,304,125

**Grouped Projects for TransNet -
Bicycle and Pedestrian Facilities (V12)
Through Amendment No. 4**

Project ID	Lead Agency	Project Location	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CHV76	Chula Vista, City of	Transit	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	\$491,000	\$238,000	\$44,625	\$14,875	\$0	\$0	\$491,000
CNTY87	San Diego County	Transit	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	\$500,000	\$377,119	\$0	\$0	\$0	\$0	\$500,000
ESC43	Escondido, City of	Transit	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	\$1,092,000	\$122,000	\$630,908	\$289,092	\$0	\$0	\$1,092,000
IB16	Imperial Beach, City of	Transit	Bikeway Village Bayshore Bikeway Access Enhancement Project	Construct streetscape improvements and Class II bike facility along 13th Street. Improvements will be implemented in conjunction with the adaptive reuse of two commercial warehouse structures into a commercial/retail-serving "Bikeway Village" - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$1,800,000	\$1,800,000	\$600,000	\$200,000	\$0	\$0	\$0	\$1,800,000
NC18	National City, City of	Transit	Bicycle Parking Enhancements	Installs bicycle racks throughout National City's bicycle network, providing cyclists with secure and convenient parking for end-of-trip storage. Locations are city-wide. - #1223036	\$60,000	\$5,529	\$0	\$0	\$0	\$0	\$60,000
NC20	National City, City of	Transit	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	\$875,000	\$732,000	\$0	\$0	\$0	\$0	\$875,000
NC21	National City, City of	Transit	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 Cervantes Avenue and East 24th Street - SANDAG Board approved TransNet/ATP swap on November 21, 2014 for \$425,000	\$425,000	\$75,000	\$0	\$0	\$0	\$0	\$425,000

Grouped Projects for *TransNet* - Bicycle and Pedestrian Facilities (V12) Through Amendment No. 4

Project ID	Lead Agency	Project Location	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SAN204	San Diego Association of Governments	Transit	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	\$904,000	\$420,000	\$57,000	\$0	\$0	\$0	\$904,000
SAN205	San Diego Association of Governments	Transit	Pershing Bikeway	Prepare environmental document and preliminary engineering for new bicycle facilities between North Park and Downtown San Diego and in Balboa Park between Park Boulevard and 4th Avenue - Along the Pershing Drive corridor from Landis Street to B Street and across Balboa Park from Park Boulevard to 4th Avenue via El Prado and Laurel Streets in the City of San Diego	\$1,730,000	\$913,000	\$291,000	\$30,000	\$0	\$0	\$1,730,000
SAN206	San Diego Association of Governments	Transit	Downtown to Imperial Avenue Bikeway	Final environmental document for 8 miles of urban on-street bike lane - on Imperial Avenue from 47th Street to Park Boulevard and Downtown San Diego at various locations	\$4,510,000	\$1,810,000	\$1,498,000	\$0	\$0	\$0	\$4,510,000
SD224	San Diego, City of	Transit	Downtown Complete Streets Mobility Plan	The plan establishes a comprehensive Complete Streets approach for downtown San Diego, including the reduction of vehicular travel lanes to enable the installation of enhanced pedestrian and bicycle facilities, both within downtown and its surrounding neighborhoods. Project location is south of Laurel Street and I-5; west of the I-5; north of Sigsbee and 16th Streets and San Diego Bay; and east of San Diego Bay. - #1223045	\$600,000	\$34,998	\$0	\$0	\$0	\$0	\$600,000
SD225	San Diego, City of	Transit	Linda Vista CATS	Develops a Comprehensive Active Transportation Strategy (CATS) for the Linda Vista Community Planning Area, providing direct and convenient connections to various destinations, while increasing bicyclist and pedestrian safety. The planning area is generally bounded on the south by Friars Road, to the west by I-5, the north by Tecolote Rd. and Mesa College Dr., and on the east by SR 163. - #1223044	\$300,000	\$40,202	\$0	\$0	\$0	\$0	\$300,000
Total					\$13,287,000	\$5,367,848	\$2,721,533	\$333,967	\$0	\$0	\$13,287,000

**Grouped Projects for
Operating Assistance - TransNet Senior Mini-Grant Program - (V16)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
COR20	Coronado, City of	Coronado Seniors Out and About Volunteer Driver Program	The services will include a volunteer driver program that will allow seniors to schedule a ride to help them access destinations	\$59,973	\$50,028	\$0	\$0	\$0	\$0	\$110,001
O34	Oceanside, City of	Oceanside Senior Shuttle Program	provide seniors with the following transportation options: curb-to-curb taxi scrip subsidies, door-to-door shuttle services, and doorthrough-door volunteer driver services	\$477,556	\$250,000	\$270,209	\$272,419	\$0	\$0	\$1,270,184
SAN138	San Diego Association of Governments	Renewing Life	expanding its door-through-door transportation service to reach additional 400 low-income, disabled and senior residents in the South Bay; expand target population to serve domestic	\$220,000	\$0	\$100,000	\$100,000	\$0	\$0	\$420,000
SAN185	San Diego Association of Governments	FACT - RideFact	Provide a "one stop" transportation solution for seniors and persons with disabilities to reach medical appointments and other related services – operating trip reimbursement		\$200,000	\$240,000	\$240,000	\$0	\$0	\$1,490,000
SAN194	San Diego Association of Governments	Mountain Health and Community	volunteer driver program assists seniors and individuals with disabilities in accessing vital services and resources	\$148,923	\$66,903	\$0	\$0	\$0	\$0	\$215,826
SAN219	San Diego Association of Governments	Independent Transportation Network (ITN) Greater San Diego	Providing individualized transportation services to South County, a region not currently served by the ITN (Independent Transportation Network) model.	\$73,172	\$33,568	\$0	\$0	\$0	\$0	\$106,740
SAN87	San Diego Association of Governments	for ElderHelp - Volunteer Driver Program	expand existing program	\$1,025,482	\$116,648	\$0	\$0	\$0	\$0	\$1,142,130
SAN90	San Diego Association of Governments	for Peninsula Shepherd Senior Center - Volunteer Drive Program	provide shuttle program and distribute senior transportation option brochure	\$336,557	\$65,000	\$69,000	\$75,100	\$0	\$0	\$545,657
SAN92	San Diego Association of Governments	for Travelers Aid Society - SenioRide	provide taxi voucher program volunteer driver program and develop ride sharing program for low- and fixed-income seniors	\$915,076	\$248,169	\$248,169	\$250,000	\$0	\$0	\$1,661,414
VISTA44	Vista, City of	City of Vista - Out and About	a senior transportation service to provide affordable, accessible and flexible transportation throughout the community	\$500,273	\$132,714	\$0	\$0	\$0	\$0	\$632,987
Total				\$3,757,012	\$1,163,030	\$927,378	\$937,519	\$0	\$0	\$7,594,939

**Grouped Projects for TransNet
Active Transportation Grant Program (ATGP) (V17)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
CB45	Carlsbad, City of	Carlsbad Boulevard and Tamarack Avenue Pedestrian Improvement Project	In Carlsbad, at the intersection of Carlsbad Blvd and Tamarack Avenue, reconfigure the intersection and the approaches to the intersection and provide enhanced facilities for pedestrians, transit users and bicyclists; SANDAG approved TransNet/ATP swap on October 23, 2015	\$17,000	\$2,102,000	\$289,706	\$491,294	\$0	\$0	\$2,900,000
CHV53	Chula Vista, City of	Bikeway Master Plans	Update the Citywide Bikeway Master Plan and prepare a bikeway feasibility study for Broadway. Includes preparation of a Multi-Modal Pedestrian/ bikeway Master Plan.	\$202,570	\$97,430	\$76,428	\$119,285	\$64,285	\$0	\$559,998
CHV81	Chula Vista, City of	Walk + Bike Chula Vista Education Encouragement Awareness Campaign	The Walk+Bike Chula Vista Education Encouragement Awareness Campaign creates a unique partnership between the City of Chula Vista, Circulate San Diego, and the San Diego County Bicycle Coalition (SDCBC) to help build a positive multimedia campaign, coordinate and promote new walking and biking infrastructure projects to increase awareness on bicycle and pedestrian access, educate businesses and residents, and promote alternative transportation choices and improved safety in Chula Vista.	\$43,333	\$76,667	\$0	\$0	\$0	\$0	\$120,000
COR21	Coronado, City of	Comprehensive Active Transportation Strategy	The Coronado Comprehensive Active Transportation Strategy (CATS) will help develop a complete multi-modal transportation network in Coronado that accommodates the needs of all users and modes.	\$26,250	\$116,750	\$37,000	\$0	\$0	\$0	\$180,000
EL34	El Cajon, City of	Be Safe	Circulate San Diego and the City of El Cajon will initiate a multi-media, multi-lingual, multi-modal, and multi-faceted education, encouragement and awareness campaign to encourage active transportation and pedestrian safety for residents.	\$0	\$28,400	\$26,600	\$0	\$0	\$0	\$55,000
ESC45	Escondido, City of	Escondido Creek Trail Signalized Bike/Ped Crossing at El Norte Parkway Project	Provide active transportation connectivity for the Escondido Creek Trail by installing a pedestrian signal and pedestrian refuge across El Norte Parkway, including a decorative trail overhead signage structure in addition to a bridge across Escondido Creek	\$5,001	\$40,000	\$162,667	\$467,333	\$0	\$0	\$675,001

**Grouped Projects for TransNet
Active Transportation Grant Program (ATGP) (V17)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
LG24	Lemon Grove, City of	ADA Transition Plan	Increase pedestrian accessibility to capital facilities	\$0	\$0	\$34,002	\$25,998	\$0	\$0	\$60,000
NC27	National City, City of	National City Bicycle Parking Enhancements	The Project will install bicycle racks throughout National City's bicycle network. The bicycle racks will provide cyclists with safe, secure, and convenient parking for end-of-trip storage and enhance regional and local bicycle networks.	\$10,000	\$50,000	\$0	\$0	\$0	\$0	\$60,000
NC28	National City, City of	Citywide Midblock Crossing Enhancements Project	The project will generally provide additional pedestrian level lighting enhancements at 14 existing midblock pedestrian crossing locations throughout the City; Specific improvements will include new solar-powered lights at 10 intersections and curb bulbouts, enhanced crosswalk striping, and upgrades to curb ramp to be ADA-compliant at 4 intersections.	\$0	\$125,000	\$500,000	\$0	\$0	\$0	\$625,000
O43	Oceanside, City of	Bike/Bus Safety Public Outreach Project	Create and install public service messages (aka bus wraps) on 15 buses to: (1) educate the public on the meaning of "Sharrows" and (2) alert cyclists to the danger of attempting to pass buses on the right side.	\$40,000	\$60,000	\$0	\$0	\$0	\$0	\$100,000
SB17	Solana Beach, City of	Stevens/Valley Avenue Corridor – Bicycle and Pedestrian Improvement Project	This project will enhance the use of the existing roadway for all users by reducing the number of lanes on Stevens/Valley Avenue in order to provide for bike lanes along all of Stevens/Valley Avenue; to construct sidewalks in missing locations; to provide enhanced crosswalks; to construct curb ramps consistent with current standards; and to provide traffic calming features to slow down traffic.	\$20,833	\$374,167	\$355,500	\$0	\$0	\$0	\$750,500
SNT24	Santee, City of	Riverwalk Crossing	The project will install new concrete bulbouts, pedestrian ramps, pedestrian warning signage, a new ladder crosswalk and enhanced area lighting. It will also add parking lanes to narrow the lanes and add sharrows down the length of the project.	\$8,000	\$28,850	\$202,775	\$1,376	\$0	\$0	\$241,001

**Grouped Projects for *TransNet*
Active Transportation Grant Program (ATGP) (V17)
Through Amendment No. 4**

Project ID	Lead Agency	Project Title	Project Description	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total Cost
SNT25	Santee, City of	Citywide Bike Lanes	Fanita Parkway from Mast Boulevard to Carlton Oaks Boulevard; Cuyamaca Street from Riverpark Drive to Mast Boulevard; El Nopal from Magnolia Avenue to eastern City limits; Fanita Drive from Prospect Avenue to southern City limits; Riverview Parkway from Mission Gorge Road to Town Center Boulevard; Woodside Avenue North from SR 67 offramp to eastern City limits.	\$14,500	\$141,500	\$0	\$0	\$0	\$0	\$156,000
Total				\$387,487	\$3,240,764	\$1,684,678	\$1,105,286	\$64,285	\$0	\$6,482,500