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April 28, 2017

File Number 1500300

Mr. Bruce De Terra, Acting 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

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Dear Mr. Aljabiry:

SUBJECT: Transmittal of Amendment No. 3 to the 2016 Regional Transportation Improvement Program for the San Diego Association of Governments

The following Amendment No. 3 to the 2016 Regional Transportation Improvement Program (RTIP) for San Diego Association of Governments (SANDAG) is being transmitted to you for state and federal approval. The SANDAG Board of Directors adopted Resolution RTC-2017-04 at their meeting on April 28, 2017.

This amendment includes changes to 21 projects within San Diego County and includes changes derived from the FY 2018 Transit Capital Improvement program from the North County Transit District, Metropolitan Transit System, and SANDAG.

SANDAG certifies that projects in this amendment are not included in any other amendment that is currently open for public review. Also, as part of SANDAG's Public Participation Policy, SANDAG transmitted the draft Amendment No. 3 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. 3 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. 3 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
Associate Financial Analyst

MSM/kav

- Attachments:
1. Board of Directors Staff Report
 2. Resolution No. RTC-2017-04
 3. List of Projects for Amendment No. 3
 4. Summary of Changes for Amendment No. 3



FY 2018 REGIONAL TRANSIT CAPITAL IMPROVEMENT PROGRAM

File Number 8000100

Introduction

The regional transit Capital Improvement Program (CIP) is a rolling five-year plan which outlines current transit needs and planned investments in transit capital, rehabilitation, and replacement projects. The program is updated annually and is designed to meet ongoing transit operational and infrastructure needs in a responsive and efficient manner. Metropolitan Transit System (MTS) and North County Transit District (NCTD) have developed their CIPs for FY 2018. These CIPs are the basis for the Federal Transit Administration (FTA) Section 5307 Urbanized Area, Section 5337 State of Good Repair, and Section 5339 Bus and Bus Facilities formula grant applications and for updating the 2016 Regional Transportation Improvement Program (RTIP).

Recommendation

The Transportation Committee recommends that the Board of Directors: (1) approve the submittal of Federal Transit Administration grant applications for the San Diego region; and (2) adopt Regional Transportation Commission Resolution No. RTC-2017-04, in substantially the same form as shown in Attachment 4, approving Amendment No. 3 to the 2016 Regional Transportation Improvement Program.

Discussion

The MTS Board of Directors approved its CIP on March 9, 2017, and the NCTD Board of Directors is scheduled to approve its CIP in June 2017 in conjunction with the approval of its annual Operating Budget. Funding assumptions used for CIP development were based on the Federal Fiscal Year 2017 apportionments, which are the same level as FY 2017 per the Further Continuing and Security Assistance Appropriations Act (P.L. 114-254). In accordance with the Fixing America’s Surface Transportation Act (FAST Act), the estimates for FTA formula programs increase 2 percent per year for FY 2019 and FY 2020. The funding assumption conservatively remains flat for the two final years of the five-year estimate (FY 2021 and FY 2022), which are outside of the FAST Act. The funding estimate for the FY 2018 CIP reflects the transit revenue estimates approved by the SANDAG Board of Directors at its February 24, 2017, meeting.

CIP Funding

Three FTA formula programs are the primary source of funding for the transit agency CIPs: Section 5307 Urbanized Area Formula Program, Section 5337 State of Good Repair Program, and Section 5339 Bus and Bus Facilities Program. These FTA formula programs, which are detailed further below, generally provide 80 percent of the cost of eligible activities.

Section 5307

Section 5307 Urbanized Area Program provides funding for transit capital and operating assistance in urbanized areas and for transportation-related planning. Eligible activities under this program include planning, engineering design, and evaluation of transit projects and other technical transportation-related studies; capital investments in bus and bus-related activities such as replacement of buses; overhaul and rebuilding of buses; crime prevention and security equipment; construction of maintenance and passenger facilities; and capital investments in new and existing fixed guideway systems including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software. All preventive maintenance and some Americans with Disabilities Act of 1990 (ADA) complementary paratransit service, while recorded as operating expenditures, are considered capital costs for purposes of eligibility. The FTA defines preventive maintenance as all maintenance costs related to vehicles and non-vehicles. Specifically, it is all the activities, supplies, materials, labor, services, and associated costs required to preserve or extend the functionality and serviceability of the asset in a cost-effective manner, up to and including the current state-of-the-art for maintaining such an asset.

Section 5337

The State of Good Repair Program provides funding to transit agencies that operate rail fixed-guideway and high-intensity motorbus systems for the maintenance, replacement, and rehabilitation of capital assets, along with the development and implementation of transit asset management plans. This program reflects a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development. Eligible activities include projects that maintain, rehabilitate and replace capital assets, as well as projects that implement transit asset management plans. The FAST Act clarifies that high-intensity motorbus tier funds can only be used for vehicle state of good repair costs and not for roadway state of good repair costs.

Section 5339

The FAST Act provides both formula and discretionary programs for this section as developed under the previous federal transportation authorization, Moving Ahead for Progress in the 21st Century Act. There also is a sub-program that provides competitive grants for bus and bus facility projects that support low and zero-emissions vehicles. The purpose of both formula and competitive programs is to provide capital funding to replace, rehabilitate, and purchase buses, vans, and related equipment, and to construct bus-related facilities.

Allocation of Funding

After allocating funds to SANDAG for the cost of the regional vanpool program, the remaining Section 5307 funds are allocated to the operators on a 70 percent/30 percent basis, with the more populous MTS area receiving 70 percent, and the 30 percent share going to NCTD. This methodology was approved by the SANDAG Board of Directors at its February 23, 2007, meeting. The same 70/30 formula was used to allocate the Sections 5337 and 5339 funds between MTS and NCTD. These FTA formula funds combined with the required 20 percent local match make over one half of the funding for the transit agency CIPs. Additional state and local funding sources supplement the FTA programs. The combined funding for the regional CIP is \$216 million for FY 2018 and \$1.1 billion for the five-year program from FY 2018 to FY 2022. The individual transit agency CIP summaries are included in Attachment 1.

Based on the CIPs, SANDAG may apply for FTA Section 5307 Urbanized Area formula funds for MTS and NCTD capital projects for which SANDAG is the implementing agency in accordance with Senate Bill 1703 (Peace, 2002). These include capital projects for planning; design and construction of new infrastructure and facilities; rehabilitation of existing infrastructure and facilities; capital projects involving environmental, engineering, and construction support; and construction right-of-way.

Both MTS and NCTD are grantees for routine capital projects that support the day-to-day business of the operators and would apply directly for FTA Section 5307 Urbanized Area Formula, Section 5337 State of Good Repair, and Section 5339 Bus and Bus Facilities funds. Examples of projects for which each operator would apply for its own respective federal grants include maintenance and repair projects and procurements, right-of-way and equipment in support of operations, revenue and nonrevenue vehicle procurements, light rail vehicle maintenance, and revenue vehicle parts and components, as well as operating assistance for new rail extensions, preventive maintenance, associated capital maintenance, and some ADA paratransit services.

FY 2018 CIP Development

MTS and NCTD undertook similar project selection processes based on established criteria and involving the active participation of sponsoring agencies and/or departments. The transit agencies reviewed and prioritized capital project submittals to ensure that operationally critical projects were funded. The MTS and NCTD FY 2018 Transit Capital Program Fiscally Constrained CIPs can be seen in Attachment 2. The proposed CIPs are revenue constrained programs, meaning they are based on existing, committed, or reasonably expected funding levels for each of the next five years.

MTS

Attachment 1 includes a summary of the five-year MTS Capital Program. The program is primarily funded with FTA formula funds and the required local match. In addition to the FTA formula funds, the MTS FY 2018 CIP includes some additional funding from SD&AE Desert Line, State of California Proposition 1B security funds and Cap-and-Trade Program, State Transit Assistance (STA), Transportation Development Act (TDA), Compressed Natural Gas rebate, and local transportation funds. The MTS CIP program assumes approximately \$57.3 million to \$57.5 million for preventive maintenance and planning projects for each of the next five years. The remaining funds would be used for capital projects ranging from \$69 million to \$71.6 million over the five-year program. For FY 2018, the CIP will provide approximately \$126.3 million for MTS projects and preventive maintenance, of which the \$69 million allocated to capital projects represents 81 percent of the MTS total capital project needs of \$85.2 million for the coming year.

NCTD

Attachment 1 includes a summary of the five-year NCTD capital program. In addition to the FTA formula funding that flows through SANDAG and required local match, the NCTD FY 2018 CIP includes additional funding from the FTA Section 5311 program for rural areas, State of California Proposition 1B funds, STA, *TransNet* Senior and Disabled and Transit System Improvement Program funds, and TDA. The NCTD FY 2018 CIP assumes approximately \$72.1 million to \$79.5 million of formula funds for preventive maintenance and planning projects for each of the next five years, with the remainder being used for capital projects ranging from \$15.3 million to \$19.5 million over the five-year program. For FY 2018, the CIP will provide approximately \$89.2 million for NCTD projects and preventive maintenance, of which the \$15.3 million allocated to capital projects represents 35.6 percent of NCTD's total capital project needs of \$43 million for the coming year.

Unfunded Capital Needs

Unfunded transit capital and rehabilitation projects are the transit capital projects that are necessary, but for which the region will not have adequate resources to fund based on the FY 2018 – FY 2022 fiscally constrained funding estimates. The operators utilize objective selection criteria to narrow the list of projects down to those that can be funded. MTS and NCTD conducted separate social equity analyses of their proposed capital projects to ensure that the benefits and burdens of their transit investments were shared equitably in their respective service areas. The FY 2018 regional transit capital and rehabilitation unfunded project lists for MTS and NCTD are shown in Attachment 3.

Regional Transportation Improvement Program

As the Metropolitan Planning Organization for the San Diego region, SANDAG is the designated recipient for FTA formula funds and is responsible for programming the FTA funds in the RTIP. The RTIP is the multiyear funding program for major transportation projects in the San Diego region. Projects included in the CIP, and subsequently in the FTA grant application, also must be programmed in the RTIP. The Board of Directors has delegated authority to the Transportation Committee to approve RTIP amendments pursuant to Board Policy No. 001: Operations Policy - Board and Policy Advisory Committees Responsibilities; however, approval of this proposed amendment is sought from the Board of Directors because the Transportation Committee does not have authority to approve the operator's CIPs, which are the foundation for Amendment No. 3 to the 2016 RTIP.

The public review and comment period for Amendment No. 3 to the 2016 RTIP (Attachment 5) closed on April 3, 2017, with no comments received. The *TransNet* Independent Taxpayer Oversight Committee is scheduled to review Amendment No. 3 to the 2016 RTIP at its May 10, 2017, meeting, focusing its review on the *TransNet*-funded projects within this amendment as an informational item.

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

Tables 2a through 2c (Attachment 6) provide updated program financial summaries, including a comparison from the prior approved formal amendment (Amendment No. 1) to the 2016 RTIP. (Chapter 4 of the Final 2016 RTIP discusses in detail the financial capacity analysis of major program areas including discussion of available revenues.) Based upon the analysis, the projects contained within the 2016 RTIP, including Amendment No. 3, 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. 3 meet the conformity provisions of the Transportation Conformity Rule (40 CFR §93.122(g)). All capacity increasing projects in Amendment No. 1 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. 3 does not interfere with the timely implementation of Transportation Control Measures. The 2016 RTIP, including Amendment No. 3, remains in conformance with the SIP.

GARY L. GALLEGOS
Executive Director

- Attachments:
1. Proposed Transit CIP Summary for FY 2018 to FY 2022
 2. Proposed FY 2018 Transit CIP - Fiscally Constrained
 3. Proposed FY 2018 Transit CIP - Unfunded Transit Capital and Rehabilitation Projects
 4. Regional Transportation Commission Resolution No. RTC-2017-04: Approving Amendment No. 3 to the 2016 Regional Transportation Improvement Program
 5. Table 1 - 2016 Regional Transportation Improvement Program - Amendment No. 3
 6. Tables 2a-2c: Fiscal Constraint Analysis for Amendment No. 3 to the 2016 RTIP

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RESOLUTION NO. RTC-2017-04

APPROVING AMENDMENT NO. 3 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, the San Diego Metropolitan Transit System (MTS), North County Transit District (NCTD), and SANDAG have requested various changes to existing projects for inclusion into the 2016 RTIP as shown in Table 1; and

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

WHEREAS, this amendment is consistent with the Regional Plan, which conforms to the to all applicable SIPs and to the emissions budgets from the *Redesignation Request and Maintenance Plan for the 1997 National Ozone Standard for San Diego County*, which were found adequate for transportation conformity purposes by the U.S. Environmental Protection Agency in 2013, and from the *Eight-Hour Ozone Attainment Plan for San Diego County*, which were found adequate for transportation conformity purposes by the U.S. Environmental Protection Agency in 2008, and from the *2004 Revision to California SIP for Carbon Monoxide*, 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. 3 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. 3 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. 3 are either non-capacity increasing or exempt from the requirements to determine conformity; and

WHEREAS, the projects in 2016 RTIP Amendment No. 3 are fiscally constrained; and

WHEREAS, the projects in 2016 RTIP Amendment No. 3 are consistent with the Public Participation Policy adopted by the SANDAG Board of Directors.

NOW THEREFORE, THE BOARD OF DIRECTORS, ALSO ACTING AS THE SAN DIEGO COUNTY REGIONAL TRANSPORTATION COMMISSION, DOES HEREBY RESOLVE AS FOLLOWS:

That Amendment No. 3 to the 2016 RTIP is hereby approved; and

That the 2016 RTIP, including Amendment No. 3, is found to be consistent with the Regional Plan, in conformance with the applicable SIPs, and with the 2016 RAQS for the San Diego region, consistent with SANDAG Intergovernmental Review Procedures, and consistent with SANDAG Public Participation Policy, as amended.

PASSED AND ADOPTED this 28th day of April, 2017.

AYES:

NOES:

ABSENT:

Chair of the Board of Directors
of the San Diego County Regional
Transportation Commission

[Seal]

Attest:

Secretary of the Board of Directors of the
San Diego County Regional Transportation
Commission

Table 1
2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)

North County Transit District

MPO ID: NCTD02		RTIP #:16-03								
Project Title: Preventive Maintenance										
Project Description: NCTD service area - This project funds preventive maintenance for the District bus fixed route, rail, facilities, maintenance of way and signals.										
Change Reason: Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance										
Est Total Cost: \$114,077										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,716		\$1,716					\$1,716		
FTA 5307	\$58,953		\$12,008	\$9,872	\$12,809	\$12,754	\$11,510	\$58,953		
FTA 5337	\$30,936		\$9,476	\$7,085	\$4,598	\$4,149	\$5,628	\$30,936		
TDA	\$22,472		\$5,371	\$4,239	\$4,352	\$4,226	\$4,284	\$22,472		
TOTAL	\$114,077		\$28,571	\$21,196	\$21,759	\$21,129	\$21,422	\$114,077		
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,716		\$1,716					\$1,716		
FTA 5307	\$61,305		\$18,634	\$18,784	\$13,909	\$9,977		\$61,305		
FTA 5337	\$14,144		\$1,659		\$6,653	\$5,832		\$14,144		
TDA	\$34,997		\$5,560	\$8,093	\$8,639	\$12,705		\$34,997		
TOTAL	\$112,162		\$27,569	\$26,877	\$29,201	\$28,514		\$112,162		

MPO ID: NCTD03		RTIP #:16-03								
Project Title: ADA Paratransit Services										
Project Description: NCTD service area - This project supports the operations of the District ADA/paratransit services.										
Change Reason: Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance										
Est Total Cost: \$27,369										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - ADA	\$3,492	\$1,731	\$327	\$337	\$351	\$366	\$380	\$3,492		
TransNet - ADA Carryover	\$41		\$41					\$41		
FTA 5307	\$2,000	\$2,000						\$2,000		
Local Funds	\$7,981	\$7,981						\$7,981		
TDA	\$13,855	\$3,685	\$1,922	\$1,940	\$2,019	\$2,102	\$2,187	\$13,855		
TOTAL	\$27,369	\$15,397	\$2,290	\$2,277	\$2,370	\$2,468	\$2,567	\$27,369		
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - ADA	\$3,225	\$1,731	\$368	\$360	\$375	\$391		\$3,225		
FTA 5307	\$2,000	\$2,000						\$2,000		
Local Funds	\$7,981	\$7,981						\$7,981		
TDA	\$11,888	\$3,685	\$1,922	\$2,003	\$2,093	\$2,185		\$11,888		
TOTAL	\$25,094	\$15,397	\$2,290	\$2,363	\$2,468	\$2,576		\$25,094		

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD05	RTIP #:16-03
Project Title: Bus Revenue Vehicle Purchases & Related Equipment	
Project Description: NCTD service area - This project funds the programmatic replacement of fixed route buses that have reached the end of their service life, and the programmatic rebuild of fixed route buses engines and transmissions.	
Change Reason: Delete fund source, 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: **\$102,008**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,509	\$1,509								\$1,509
TransNet - Transit (Cash)	\$1,155	\$1,155								\$1,155
FTA 5307	\$50,987	\$18,506	\$3,329	\$8,787	\$6,209	\$6,489	\$7,669			\$50,987
FTA 5309 (Bus)	\$4,622	\$4,622								\$4,622
FTA 5311	\$2,036	\$2,036								\$2,036
FTA 5339	\$9,162	\$1,492	\$1,492	\$1,522	\$1,552	\$1,552	\$1,552			\$9,162
FTA Funds - AR-5311	\$578	\$578								\$578
TCRP	\$7,700	\$7,700								\$7,700
Local Funds	\$13,060	\$13,060								\$13,060
TDA	\$11,199	\$1,161	\$1,205	\$2,577	\$1,940	\$2,010	\$2,305			\$11,199
TOTAL	\$102,008	\$51,819	\$6,026	\$12,886	\$9,701	\$10,051	\$11,526			\$102,008

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - MC	\$1,509	\$1,509								\$1,509
TransNet - Transit (Cash)	\$1,155	\$1,155								\$1,155
FTA 5307	\$24,672	\$18,506		\$734	\$2,014	\$3,418				\$24,672
FTA 5309 (Bus)	\$4,622	\$4,622								\$4,622
FTA 5311	\$2,036	\$2,036								\$2,036
FTA 5337	\$14,283		\$5,858	\$5,337	\$220	\$2,868				\$14,283
FTA 5339	\$7,802	\$1,492	\$1,539	\$1,570	\$1,601	\$1,601				\$7,802
FTA Funds - AR-5311	\$578	\$578								\$578
TCRP	\$7,700	\$7,700								\$7,700
Local Funds	\$13,060	\$13,060								\$13,060
TDA	\$7,846	\$1,161	\$1,849	\$1,910	\$959	\$1,966				\$7,846
TOTAL	\$85,263	\$51,819	\$9,246	\$9,551	\$4,794	\$9,853				\$85,263

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD06	RTIP #:16-03
Project Title:	Bus/Rail Support Equipment & Facilities
Project Description:	NCTD service area - This project funds District state of good repair projects, including the repair, replacement and upgrade of fixed route and rail operations facilities and equipment, with bus washes at the BREEZE East/West divisions, fire alarm and fuel crane metering at the COASTER Operations facility, supporting information systems, and the replacement of two (2) rail fleet support vehicles.
Change Reason:	Increase funding
Capacity Status:	NCI
Exempt Category:	Mass Transit - Purchase of office, shop and operating equipment for existing facilities

Est Total Cost: **\$37,347**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$18,074	\$13,803	\$2,683	\$476	\$500	\$274	\$337			\$18,074
FTA 5309 (Bus)	\$332	\$332								\$332
FTA 5337	\$7,218	\$2,717	\$591		\$2,544	\$1,366				\$7,218
Transit Security (TSGP)	\$1,538	\$1,538								\$1,538
Local Funds	\$5,474	\$5,474								\$5,474
TDA	\$4,711	\$2,119	\$1,218	\$119	\$761	\$410	\$84			\$4,711
TOTAL	\$37,347	\$25,983	\$4,492	\$595	\$3,805	\$2,050	\$421			\$37,347

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$13,803	\$13,803								\$13,803
FTA 5309 (Bus)	\$332	\$332								\$332
FTA 5337	\$6,077	\$2,717	\$400	\$2,560	\$400					\$6,077
Transit Security (TSGP)	\$1,538	\$1,538								\$1,538
Local Funds	\$5,474	\$5,474								\$5,474
TDA	\$4,884	\$2,119	\$850	\$890	\$800	\$225				\$4,884
TOTAL	\$32,108	\$25,983	\$1,250	\$3,450	\$1,200	\$225				\$32,108

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD16B								RTIP #:16-03		
Project Title: Oceanside to Escondido Rail-SPRINTER Debt Service										
Project Description: SPRINTER, Oceanside to Escondido - This project funds debt service on \$34 million of Certificates of Completion issued to fund SPRINTER rail construction.										
Change Reason: Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance										
Est Total Cost: \$12,960										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - TSI	\$10,016		\$1,395	\$2,174	\$2,174	\$2,135	\$2,139	\$10,016		
TransNet - TSI Carry Over	\$2,938		\$2,938					\$2,938		
TDA	\$6				\$6			\$6		
TOTAL	\$12,960		\$4,333	\$2,174	\$2,180	\$2,135	\$2,139	\$12,960		
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - TSI	\$10,776		\$4,333	\$2,174	\$2,135	\$2,135		\$10,776		
TDA	\$6			\$6				\$6		
TOTAL	\$10,782		\$4,333	\$2,180	\$2,135	\$2,135		\$10,782		

MPO ID: NCTD18								RTIP #:16-03		
Project Title: Rail-Right-of-Way State of Good Repair & Improvements										
Project Description: NCTD service area - This project funds various District state of good repair projects and programs for the rail right of way, including Bridge 243 strengthening, grade crossing replacement, right-of-way (ROW) drainage improvement, fencing, turnout replacement, and the Vita Gold Yard rehabilitation.										
Change Reason: Add new funding source, Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Track rehabilitation in existing right of way										
Est Total Cost: \$4,657										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$240		\$240							\$240
FTA 5337	\$2,766			\$968	\$1,097	\$421	\$281			\$2,766
Prop 1B - PTMISEA	\$900		\$900							\$900
TDA	\$751		\$60	\$242	\$274	\$105	\$70			\$751
TOTAL	\$4,657		\$1,200	\$1,210	\$1,371	\$526	\$351			\$4,657
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5337	\$2,886		\$600	\$760	\$1,526					\$2,886
TDA	\$1,441		\$470	\$190	\$381	\$400				\$1,441
TOTAL	\$4,327		\$1,070	\$950	\$1,907	\$400				\$4,327

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD20								RTIP #:16-03		
Project Title: Rail Vehicles & Related Equipment										
Project Description: NCTD service area - This project funds the District state of good repair projects and programs replacing, repairing and rehabilitating the District COASTER and SPRINTER rail fleets, which includes locomotive and traction motor overhauls, Diesel Multiple Unit (DMU) rehabilitation and power pack overhauls, as well as supporting the Positive Train Control initiative.										
Change Reason: Reduce 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: \$23,219										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5337	\$16,449		\$978	\$3,215	\$3,253	\$5,556	\$3,446			\$16,449
TDA	\$6,770		\$1,955	\$1,271	\$1,294	\$1,389	\$862			\$6,770
TOTAL	\$23,219		\$2,933	\$4,486	\$4,547	\$6,945	\$4,308			\$23,219
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5337	\$12,906		\$3,085	\$3,177	\$3,273	\$3,371				\$12,906
TDA	\$10,911		\$2,772	\$3,964	\$1,694	\$2,481				\$10,911
TOTAL	\$23,817		\$5,857	\$7,141	\$4,967	\$5,852				\$23,817

MPO ID: NCTD34								RTIP #:16-03		
Project Title: Transit Service Operating Support										
Project Description: NCTD service area - This project funds operating costs for existing fixed route and rail transit service, including intercity bus and rural services.										
Change Reason: Increase funding										
Capacity Status:NCI			Exempt Category:Mass Transit - Transit operating assistance							
Est Total Cost: \$229,687										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - TSI	\$56,346		\$10,904	\$10,540	\$11,072	\$11,638	\$12,191	\$56,346		
<i>TransNet</i> - TSI Carry Over	\$79		\$79					\$79		
FTA 5311	\$2,001		\$400	\$400	\$400	\$400	\$400	\$2,001		
STA	\$23,681		\$4,770	\$4,600	\$4,770	\$4,770	\$4,770	\$23,681		
TDA	\$147,580		\$24,991	\$27,073	\$30,192	\$31,609	\$33,716	\$147,580		
TOTAL	\$229,687		\$41,144	\$42,613	\$46,434	\$48,417	\$51,077	\$229,687		
PROJECT LAST AMENDED 16-01										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - TSI	\$47,055		\$10,904	\$11,446	\$12,054	\$12,650		\$47,055		
<i>TransNet</i> - TSI Carry Over	\$79		\$79					\$79		
FTA 5311	\$1,645		\$411	\$411	\$411	\$411		\$1,645		
STA	\$19,081		\$4,770	\$4,770	\$4,770	\$4,770		\$19,081		
TDA	\$96,749		\$24,991	\$23,111	\$26,416	\$22,231		\$96,749		
TOTAL	\$164,609		\$41,155	\$39,738	\$43,651	\$40,062		\$164,609		

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN36		RTIP #:16-03
Project Title:	Bus/Rail Signal & Communications Equipment	SANDAG ID: 1129200, 1145100, 1144000
Project Description:	Countywide - bid display module, dispatch software, fixed guideway electrification/power distribution projects such as catenary replacement, Feeder Cable, SCADA, DC Breaker Replacement	
Change Reason:	Increase funding	
Capacity Status:NCI		Exempt Category:Mass Transit - Track rehabilitation in existing right of way

Est Total Cost: **\$17,940**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$1,097		\$589	\$508						\$1,097
FTA 5307	\$12,363	\$11,443	\$920							\$12,363
FTA 5309 (FG)	\$1,112	\$1,112								\$1,112
Local Funds	\$2,353	\$2,353								\$2,353
TDA	\$1,015	\$785	\$230							\$1,015
TOTAL	\$17,940	\$15,693	\$1,739	\$508						\$17,940

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$1,097		\$589	\$508						\$1,097
FTA 5307	\$11,443	\$11,443								\$11,443
FTA 5309 (FG)	\$1,112	\$1,112								\$1,112
Local Funds	\$2,353	\$2,353								\$2,353
TDA	\$785	\$785								\$785
TOTAL	\$16,790	\$15,693	\$589	\$508						\$16,790

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN39		RTIP #:16-03								
Project Title:	Rail Electrification & Power Distribution 125-00							SANDAG ID: 1142000, 1144400		
Project Description:	MTS service area - catenary improvements, substation standardization, and improvements related to fixed guideway electrification and power distribution									
Change Reason:	Increase funding									
Capacity Status:	NCI Exempt Category: Mass Transit - Track rehabilitation in existing right of way									
Est Total Cost: \$26,846										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$497	\$497								\$497
FTA 5307	\$9,158	\$6,798	\$2,360							\$9,158
FTA 5309 (FG)	\$2,682	\$2,682								\$2,682
FTA Funds - AR-5307	\$12,000	\$12,000								\$12,000
Local Funds	\$951	\$951								\$951
TDA	\$1,558	\$968	\$590							\$1,558
TOTAL	\$26,846	\$23,896	\$2,950							\$26,846
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - MC	\$497	\$497								\$497
FTA 5307	\$6,798	\$6,798								\$6,798
FTA 5309 (FG)	\$2,682	\$2,682								\$2,682
FTA Funds - AR-5307	\$12,000	\$12,000								\$12,000
Local Funds	\$951	\$951								\$951
TDA	\$1,228	\$968	\$260							\$1,228
TOTAL	\$24,156	\$23,896	\$260							\$24,156

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN40		RTIP #:16-03
Project Title:	Metropolitan Planning	SANDAG ID: 33001, 33201, 33003, 33203, 33216, 34200, 23016
Project Description:	Countywide - ongoing regional transportation planning as well as administrative oversight for various <i>TransNet</i> and FTA-funded programs.	
Change Reason:	Increase funding	
	Capacity Status:NCI Exempt Category:Other - Non construction related activities	

Est Total Cost: **\$41,709**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - BPNS	\$140	\$80	\$20	\$20	\$20			\$140		
<i>TransNet</i> - MC	\$395	\$395						\$395		
<i>TransNet</i> - SGIP	\$140	\$80	\$20	\$20	\$20			\$140		
<i>TransNet</i> - SS	\$294	\$168	\$42	\$42	\$42			\$294		
CBI	\$250	\$250						\$250		
FTA 5307	\$32,418	\$14,978	\$4,797	\$4,159	\$4,242	\$4,242		\$32,418		
FTA 5309TOD	\$239	\$239						\$239		
ITS	\$231	\$231						\$231		
Local Funds	\$7,602	\$3,438	\$1,019	\$1,035	\$1,055	\$1,055		\$7,602		
TOTAL	\$41,709	\$19,859	\$5,898	\$5,276	\$5,379	\$5,297		\$41,709		

PROJECT LAST AMENDED 16-01

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet</i> - BPNS	\$140	\$80	\$20	\$20	\$20			\$140		
<i>TransNet</i> - MC	\$395	\$395						\$395		
<i>TransNet</i> - SGIP	\$140	\$80	\$20	\$20	\$20			\$140		
<i>TransNet</i> - SS	\$294	\$168	\$42	\$42	\$42			\$294		
CBI	\$250	\$250						\$250		
FTA 5307	\$31,615	\$14,978	\$4,057	\$4,138	\$4,221	\$4,221		\$31,615		
FTA 5309TOD	\$239	\$239						\$239		
ITS	\$231	\$231						\$231		
Local Funds	\$7,597	\$3,438	\$1,014	\$1,035	\$1,055	\$1,055		\$7,597		
TOTAL	\$40,901	\$19,859	\$5,153	\$5,255	\$5,358	\$5,276		\$40,901		

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Association of Governments

DELAYED

MPO ID: SAN199			RTIP #:16-03							
Project Title:		Rose Canyon Bridge Replacements						SANDAG ID: 1145300		
Project Description:		From MP 257.2 to MP 254.7 - replace four aging timber trestle railway bridges in order to maintain compliance with FRA bridge standards for state of good repair and support intercity, commuter and freight rail services in a segment of the nations second busiest rail corridor.								
Change Reason:		Delay project								
Capacity Status:		NCI Exempt Category:Mass Transit - Reconstruction or renovation of transit structures								
Est Total Cost: \$1,418										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$1,053	\$1,053						\$1,053		
TDA	\$365	\$365						\$365		
TOTAL	\$1,418	\$1,418						\$1,418		
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$8,352	\$1,053			\$3,985	\$3,314		\$1,053		\$7,299
TDA	\$2,190	\$365			\$996	\$829		\$365		\$1,825
TOTAL	\$10,542	\$1,418			\$4,981	\$4,143		\$1,418		\$9,124

MPO ID: SAN200			RTIP #:16-03							
Project Title:		San Onofre Bridge Replacement						SANDAG ID: 1145400		
Project Description:		From MP 207.6 to MP 209.9 - replace three aging timber trestle railway bridges in order to maintain compliance with Federal Railroad Administration (FRA) standards and support intercity, commuter and freight rail services in the second busiest rail corridor in the nation								
Change Reason:		Reduce funding								
Capacity Status:		NCI Exempt Category:Mass Transit - Reconstruction or renovation of transit structures								
Est Total Cost: \$11,530										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$9,224	\$7,084					\$2,139	\$217		\$9,007
TDA	\$2,306	\$1,771					\$535	\$54		\$2,252
TOTAL	\$11,530	\$8,855					\$2,674	\$271		\$11,259
* An additional \$1.08M contributed from previous FTA grants										
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$10,284	\$7,084				\$3,200		\$217		\$10,067
TDA	\$2,571	\$1,771				\$800		\$54		\$2,517
TOTAL	\$12,855	\$8,855				\$4,000		\$271		\$12,584

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS23A		RTIP #:16-03								
Project Title:		Transit Service Operations								
Project Description:		MTS service area - Operating support for Americans with Disabilities Act (ADA) and Paratransit bus service								
Change Reason:		Increase funding, Revise funding between fiscal years								
Capacity Status:NCI		Exempt Category:Mass Transit - Transit operating assistance								
Est Total Cost: \$31,982										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$22,095		\$4,298	\$4,384	\$4,471	\$4,471	\$4,471	\$22,095		
FTA 5311	\$2,414		\$540	\$469	\$469	\$469	\$469	\$2,414		
Local Funds	\$7,473		\$1,510	\$1,474	\$1,496	\$1,496	\$1,496	\$7,473		
TOTAL	\$31,982		\$6,348	\$6,327	\$6,436	\$6,436	\$6,436	\$31,982		
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$17,976		\$4,384	\$4,471	\$4,561	\$4,561		\$17,976		
FTA 5311	\$2,160		\$540	\$540	\$540	\$540		\$2,160		
Local Funds	\$6,238		\$1,532	\$1,554	\$1,576	\$1,576		\$6,238		
TOTAL	\$26,374		\$6,456	\$6,565	\$6,677	\$6,677		\$26,374		

MPO ID: MTS28		RTIP #:16-03								
Project Title:		Bus & Rail Rolling Stock purchases and Rehabilitations								
Project Description:		MTS service area - purchase replacement buses, replacement Light Rail Vehicles, procurement of materials and services for the rehabilitation or retrofit of mechanical components, electrical components, and coach bodies of Light Rail Vehicles and buses								
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: \$245,330										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$73,841		\$10,292	\$14,883	\$16,222	\$16,222	\$16,222			\$73,841
FTA 5339	\$17,168		\$3,102	\$3,200	\$3,622	\$3,622	\$3,622			\$17,168
STA	\$8,181		\$8,181							\$8,181
Local Funds	\$133,869		\$1,696	\$20,802	\$28,942	\$32,882	\$49,546			\$133,869
TDA	\$12,272		\$12,272							\$12,272
TOTAL	\$245,331		\$35,543	\$38,885	\$48,786	\$52,726	\$69,390			\$245,331
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
<i>TransNet - MC</i>	\$3,544		\$3,544							\$3,544
FTA 5307	\$80,900		\$18,548	\$19,880	\$21,236	\$21,236				\$80,900
FTA 5339	\$12,980		\$3,590	\$3,662	\$2,164	\$3,564				\$12,980
Local Funds	\$136,451		\$37,207	\$34,659	\$31,885	\$32,700				\$136,451
TOTAL	\$233,875		\$62,889	\$58,201	\$55,285	\$57,500				\$233,875

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS29			RTIP #:16-03							
Project Title: Bus and Fixed Guideways Station Stops and Terminals										
Project Description: MTS service area - maintenance, improvements, upgrades, and retrofits of bus and trolley stations and stops throughout the San Diego area										
Change Reason: Add new funding source, Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Reconstruction or renovation of transit structures										
Est Total Cost: \$37,225										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$1,644	\$1,644								\$1,644
FTA 5309 (Bus)	\$347	\$347								\$347
FTA 5309 (FG)	\$528	\$528								\$528
FTA 5311	\$39	\$39								\$39
FTA 5339	\$351			\$351						\$351
Prop 1B Transit Sec Grant Prg	\$1,008	\$1,008								\$1,008
STA	\$1,729	\$1,010		\$719						\$1,729
Local Funds	\$18,333	\$5,713		\$5,820		\$3,400	\$3,400			\$18,333
TDA	\$13,246	\$3,449	\$4,090	\$3,059	\$2,649					\$13,246
TOTAL	\$37,225	\$13,738	\$4,090	\$9,949	\$2,649	\$3,400	\$3,400			\$37,225
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$1,644	\$1,644								\$1,644
FTA 5309 (Bus)	\$347	\$347								\$347
FTA 5309 (FG)	\$528	\$528								\$528
FTA 5311	\$39	\$39								\$39
Prop 1B Transit Sec Grant Prg	\$1,008	\$1,008								\$1,008
STA	\$1,010	\$1,010								\$1,010
Local Funds	\$5,713	\$5,713								\$5,713
TDA	\$7,539	\$3,449	\$4,090							\$7,539
TOTAL	\$17,828	\$13,738	\$4,090							\$17,828

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS30		RTIP #:16-03
Project Title:	Bus/Rail Support Facilities and Equipment	EARMARK NO: D2012-BUSP-054
Project Description:	MTS facilities throughout the MTS service area - install security cameras on bus/rail rolling stock and at bus/rail facilities and stations; Southbay and East County bus maintenance facility expansions and upgrades including: land acquisition, site development plans, building demolition and remodeling, fencing, lot paving, and storm water pollution prevention program compliance; other misc. capital equipment for transit maintenance; design and procurement of materials and services for support equipment	
Change Reason:	Add new funding source, Reduce funding	
Capacity Status:	NCI Exempt Category: Mass Transit - Purchase of office, shop and operating equipment for existing facilities	

Est Total Cost: **\$27,189**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
Local Funds	\$14,710		\$10,000	\$4,710						\$14,710
TDA	\$12,479				\$1,100	\$3,129	\$8,250			\$12,479
TOTAL	\$27,189		\$10,000	\$4,710	\$1,100	\$3,129	\$8,250			\$27,189

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5339	\$1,744				\$1,572	\$172				\$1,744
Local Funds	\$43,256		\$10,000	\$10,000	\$13,428	\$9,828				\$43,256
TOTAL	\$45,000		\$10,000	\$10,000	\$15,000	\$10,000				\$45,000

MPO ID: MTS31		RTIP #:16-03
Project Title:	Rail Electrification and Power	
Project Description:	Along Blue Line Right-Of-Way (ROW) - Substation DC Feeder Breaker Replacement; Baltimore Power Switch Replacement	
Change Reason:	Increase funding	
Capacity Status:	NCI Exempt Category: Mass Transit - Track rehabilitation in existing right of way	

Est Total Cost: **\$22,601**

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
STA	\$1,746	\$1,746								\$1,746
Local Funds	\$17,455				\$7,016	\$6,250	\$4,189			\$17,455
TDA	\$3,400	\$930		\$2,470						\$3,400
TOTAL	\$22,601	\$2,676		\$2,470	\$7,016	\$6,250	\$4,189			\$22,601

PROJECT LAST AMENDED 16-00

	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
STA	\$1,746	\$1,746								\$1,746
Local Funds	\$2,994			\$208		\$2,786				\$2,994
TDA	\$930	\$930								\$930
TOTAL	\$5,670	\$2,676		\$208		\$2,786				\$5,670

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

San Diego Metropolitan Transit System

MPO ID: MTS32A										RTIP #:16-03
Project Title: Preventive Maintenance										
Project Description: MTS service area - maintenance of equipment, rolling stock, and facilities for bus and rail systems										
Change Reason: Add new funding source, Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance										
Est Total Cost: \$488,422										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - TSI	\$163,422		\$30,348	\$31,293	\$32,603	\$33,903	\$35,275	\$163,422		
FTA 5307	\$121,736		\$25,107	\$24,569	\$24,020	\$24,020	\$24,020	\$121,736		
FTA 5337	\$138,264		\$26,893	\$27,431	\$27,980	\$27,980	\$27,980	\$138,264		
Local Funds	\$52,000			\$13,000	\$13,000	\$13,000	\$13,000	\$52,000		
TDA	\$13,000		\$13,000					\$13,000		
TOTAL	\$488,422		\$95,348	\$96,293	\$97,603	\$98,903	\$100,275	\$488,422		
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - TSI	\$97,542		\$31,157	\$32,379	\$34,006			\$97,542		
FTA 5307	\$80,886		\$20,904	\$20,362	\$19,810	\$19,810		\$80,886		
FTA 5337	\$111,114		\$27,096	\$27,638	\$28,190	\$28,190		\$111,114		
Local Funds	\$48,000		\$12,000	\$12,000	\$12,000	\$12,000		\$48,000		
TOTAL	\$337,542		\$91,157	\$92,379	\$94,006	\$60,000		\$337,542		

MPO ID: MTS33A										RTIP #:16-03
Project Title: Senior Disabled Program										
Project Description: MTS service area - subsidy for senior and disabled as required by TransNet										
Change Reason: Increase funding										
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance										
Est Total Cost: \$8,654										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - ADA	\$8,618	\$4,284	\$804	\$830	\$865	\$899	\$936	\$8,618		
TransNet - ADA Carryover	\$36	\$36						\$36		
TOTAL	\$8,654	\$4,320	\$804	\$830	\$865	\$899	\$936	\$8,654		
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
TransNet - ADA	\$6,872	\$4,284	\$827	\$859	\$902			\$6,872		
TransNet - ADA Carryover	\$36	\$36						\$36		
TOTAL	\$6,908	\$4,320	\$827	\$859	\$902			\$6,908		

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS34	RTIP #:16-03
Project Title: Bus Signal and Communications Equipment	
Project Description: MTS service area - rehabilitation of light rail vehicles (LRV), electronic control circuit (U2), LRV HVAC retrofit, rehabilitate traction motor phase II and pilot motor control unit drive, LRV tires; design and implement new ITS to replace failing radio/CAD and scheduling system	
Change Reason: Increase funding	
Capacity Status:NCI	Exempt Category:Mass Transit - Reconstruction or renovation of transit structures

Est Total Cost: \$62,203										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$3,116	\$3,116								\$3,116
FTA 5309 (Bus)	\$800	\$800								\$800
FTA 5309 (FG)	\$120	\$120								\$120
FTA 5339	\$380		\$380							\$380
Prop 1B Transit Sec Grant Prg	\$7,782	\$5,558	\$2,224							\$7,782
STA	\$2,446	\$2,446								\$2,446
Local Funds	\$24,380	\$765			\$13,615	\$10,000				\$24,380
TDA	\$23,179	\$13,599	\$1,350	\$8,230						\$23,179
TOTAL	\$62,203	\$26,404	\$3,954	\$8,230	\$13,615	\$10,000				\$62,203

PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$3,116	\$3,116								\$3,116
FTA 5309 (Bus)	\$800	\$800								\$800
FTA 5309 (FG)	\$120	\$120								\$120
Prop 1B Transit Sec Grant Prg	\$5,558	\$5,558								\$5,558
STA	\$2,446	\$2,446								\$2,446
Local Funds	\$765	\$765								\$765
TDA	\$14,949	\$13,599	\$1,350							\$14,949
TOTAL	\$27,754	\$26,404	\$1,350							\$27,754

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS35		RTIP #:16-03								
Project Title:		Fixed Guideway Transitways/Lines								
Project Description:		MTS service area - rail infrastructure maintenance and upgrades including rail tie replacement, WYE switch indicator standardization, rail file grinding, and traction motor disconnects								
Change Reason:		Increase funding								
Capacity Status:		NCI								
Exempt Category:		Mass Transit - Track rehabilitation in existing right of way								
Est Total Cost: \$25,515										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$622	\$622								\$622
Prop 1B - PTMISEA	\$464	\$464								\$464
Prop 1B Transit Sec Grant Prg	\$800	\$800								\$800
STA	\$3,065	\$3,065								\$3,065
Local Funds	\$11,103	\$1,000	\$1,000		\$6,103		\$3,000			\$11,103
TDA	\$9,461	\$4,360	\$3,301	\$1,801						\$9,461
TOTAL	\$25,515	\$10,311	\$4,301	\$1,801	\$6,103		\$3,000			\$25,515
PROJECT LAST AMENDED 16-00										
	TOTAL	PRIOR	16/17	17/18	18/19	19/20	20/21	PE	RW	CON
FTA 5307	\$622	\$622								\$622
Prop 1B - PTMISEA	\$464	\$464								\$464
Prop 1B Transit Sec Grant Prg	\$800	\$800								\$800
STA	\$3,065	\$3,065								\$3,065
Local Funds	\$2,000	\$1,000	\$1,000							\$2,000
TDA	\$7,661	\$4,360	\$3,301							\$7,661
TOTAL	\$14,612	\$10,311	\$4,301							\$14,612

**2016 Regional Transportation Improvement Program
Amendment No. 3
San Diego Region (in \$000s)**

RTIP Fund Types

<u>Federal Funding</u>	
BIP/CBI	Border Infrastructure Program/Corridors and Borders Infrastructure Program
FTA Section 5307	Federal Transit Administration Urbanized Area Formula Program
FTA Section 5309 (Bus)	Federal Transit Administration Discretionary Program
FTA Section 5309 (FG)	Federal Transit Administration Fixed Guideway Modernization Formula Program
FTA Section 5311	Federal Transit Administration Rural Program
FTA Section 5337	Federal Transit Administration State of Good Repair Grant Program
FTA Section 5339	Federal Transit Administration Bus and Bus Facilities Formula Grant Program
HES	Hazard Elimination System (administered by Caltrans)
ITS	Intelligent Transportation System
TSGP	Transit Security Grant Program (Federal Discretionary)
<u>State Funding</u>	
IRI	Intercity Rail Improvement (State Prop. 1B)
PTMISEA	Public Transportation Modernization, Improvement, and Service Enhancement Account (State Prop 1B)
STA	State Transit Assistance
TCRP	Traffic Congestion Relief Program
TSGP	Transit Security Grant Program (State Prop. 1B)
<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
TDA	Transportation Development Act
TransNet-ADA	Prop. A Local Transportation Sales Tax - Transit
TransNet-B	Prop. A Local Transportation Sales Tax - Bike
TransNet-BPNS	Prop. A Extension Local Transportation Sales Tax - Bicycle, Pedestrian and Neighborhood Safety Program
TransNet-MC	Prop. A Extension Local Transportation Sales Tax - Major Corridors
TransNet-SGIP	Prop. A Extension Local Transportation Sales Tax - Regional Smart Growth Incentive Program
TransNet-SS	Prop. A Extension Local Transportation Sales Tax - Senior Services
TransNet-TSI	Prop. A Extension Local Transportation Sales Tax- Transit System Improvements

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	\$2,374,967	\$724,444	\$723,879	\$591,864	\$591,864	\$518,793	\$518,793	\$391,325	\$391,325	\$509,059	\$509,059	\$5,109,888
	-- County	\$2,374,967	\$724,444	\$723,879	\$591,864	\$591,864	\$518,793	\$518,793	\$391,325	\$391,325	\$509,059	\$509,059	\$5,109,888
	Other Local Funds	\$417,865	\$156,782	\$107,716	\$209,428	\$191,136	\$608,318	\$620,080	\$225,229	\$230,047	\$146,133	\$215,868	\$1,782,713
	-- County General Funds												
	-- City General Funds	\$278,798	\$142,244	\$93,177	\$105,295	\$87,003	\$109,481	\$121,243	\$106,862	\$111,680	\$25,805	\$95,540	\$787,441
	-- Street Taxes and Developer Fees	\$139,067	\$14,538	\$14,538	\$104,133	\$104,133	\$498,837	\$498,837	\$118,367	\$118,367	\$120,328	\$120,328	\$995,271
	-- RSTP Exchange funds												
	Other	\$525,486	\$65,410	\$91,225	\$47,927	\$66,521	\$51,033	\$53,563	\$50,865	\$55,343	\$1,132	\$58,321	\$850,459
Local Total	\$3,318,319	\$946,637	\$922,820	\$849,219	\$849,521	\$1,178,145	\$1,192,436	\$667,419	\$676,715	\$656,325	\$783,249	\$7,743,059	
STATE	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$67,214	\$95,417	\$95,417	\$2,593	\$2,593	\$460,328
	SHOPP (Including Augmentation)	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$67,214	\$95,417	\$95,417	\$2,593	\$2,593	\$460,328
	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							\$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	\$4,770	\$12,951	\$4,770	\$5,319	\$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	\$52,436	\$2,441	\$2,441	\$14,429	\$14,429	\$2,441	\$2,441	\$2,441	\$2,441	\$97,203	
State Total	\$1,937,724	\$212,808	\$224,113	\$133,856	\$134,405	\$102,638	\$102,638	\$165,651	\$165,651	\$50,376	\$55,146	\$2,619,677	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$519,446	\$67,028	\$66,534	\$69,222	\$67,865	\$70,606	\$69,222	\$70,606	\$69,222		\$69,222	\$861,511
	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	\$1,730											\$1,730
	5311 - Nonurbanized Area Formula Program	\$7,335	\$951	940	\$951	869	\$951	869	\$951	869		869	\$11,750
	5316 - Job Access and Reverse Commute Program												
	5317 - New Freedom												
	5337 - State of Good Repair	\$130,176	\$38,698	\$37,939	\$39,472	\$38,698	\$40,261	\$39,472	\$40,261	\$39,472		\$39,472	\$325,229
	5339 - Bus and Bus Facilities Program	\$13,466	\$5,129	\$4,974	\$5,232	\$5,073	\$5,336	\$5,174	\$5,337	\$5,174		\$5,174	\$39,035
	Other	\$93,839	\$160	\$160									\$93,999
Federal Transit Total	\$1,046,827	\$212,006	\$210,547	\$214,877	\$212,504	\$217,155	\$214,737	\$217,156	\$214,737	\$543,380	\$658,116	\$2,557,467	
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	\$113,740	\$7,277	\$7,277	\$1,000	\$1,000							\$122,017
	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)	\$1,809	\$5,551	\$4,732	\$3,357	\$3,842		\$2,469					\$12,852
	Safe Routes to School (SRTS) (SAFETEA-LU)												
	Surface Transportation Program (Regional)	\$429,100	\$39,156	\$39,156	\$41,522	\$41,522	\$43,071	\$43,071	\$44,862	\$44,862	\$44,862	\$44,862	\$642,574
Other	\$248,299	\$3,567	\$3,567	\$800	\$800	\$1,369	\$1,369					\$254,034	
Federal Highway Total	\$1,369,375	\$96,584	\$95,766	\$77,957	\$78,442	\$81,601	\$84,070	\$118,325	\$118,325	\$348,569	\$348,569	\$2,094,546	
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	\$2,442,681	\$308,590	\$306,312	\$292,834	\$290,947	\$298,756	\$298,806	\$335,480	\$333,061	\$891,949	\$1,006,685	\$4,678,493	
INNOVATIVE FINANCING	TIFIA (Transportation Infrastructure Finance and Innovation Act)									\$585,430	\$585,430	\$585,430	
Innovative Financing Total												\$585,430	
REVENUES TOTAL		\$7,698,723	\$1,468,035	\$1,453,245	\$1,275,909	\$1,274,872	\$1,579,539	\$1,593,881	\$1,168,551	\$1,175,427	\$2,184,080	\$2,430,511	\$15,626,659

*Revenues for CMAQ are reduced in FY 2017/2018 due to a payback to VCTC
 Includes changes which occurred in Administrative Modification (16-02)
 Note: Highlighted sections refer to changes from prior amendment

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	\$3,318,319	\$923,564	\$895,936	\$822,263	\$820,521	\$1,164,484	\$1,176,369	\$627,931	\$670,992	\$4,163	\$182,008	\$7,064,145
	State Highway Operations and Protection Program	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$67,214	\$95,417	\$95,417	\$2,593	\$2,593	\$460,328
	SHOPP (Including Augmentation)	\$33,819	\$148,953	\$148,953	\$112,332	\$112,332	\$67,214	\$67,214	\$95,417	\$95,417	\$2,593	\$2,593	\$460,328
	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>												
STATE	STIP Prior	\$41,756											\$41,756
	Proposition 1 A	\$99,698											\$99,698
	Proposition 1 B	\$709,641		\$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	\$4,770	\$12,951	\$4,770	\$5,319	\$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	\$52,436	\$2,441	\$2,441	\$14,429	\$14,429	\$2,441	\$2,441	\$2,441	\$2,441	\$97,203
	State Total	\$1,937,724	\$212,808	\$224,113	\$133,856	\$134,405	\$102,638	\$102,638	\$165,651	\$165,651	\$50,376	\$55,146	\$2,619,677
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$519,446	\$67,028	\$66,534	\$68,369	\$67,129	\$69,736	\$68,473	\$69,736	\$68,473		\$66,369	\$856,425
	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	\$1,730											\$1,730
	5311 - Nonurbanized Area Formula Program	\$7,335	\$951	\$940	\$951	\$869	\$951	\$869	\$951	\$869		\$869	\$11,750
	5337 - State of Good Repair	\$130,176	\$38,698	\$37,939	\$39,472	\$38,698	\$40,261	\$39,472	\$40,261	\$39,472		\$37,335	\$323,092
	5339 - Bus and Bus Facilities Program	\$13,466	\$5,129	\$4,974	\$5,232	\$5,073	\$5,336	\$5,174	\$5,337	\$5,174		\$5,174	\$39,035
	Other	\$93,839	\$160	\$160									\$93,999
Federal Transit Total	\$1,046,827	\$212,006	\$210,547	\$214,024	\$211,769	\$216,285	\$213,988	\$216,285	\$213,988	\$543,380	\$653,126	\$2,550,244	
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	\$113,740	\$7,277	\$7,277	\$1,000	\$1,000							\$122,017
	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)	\$1,809	\$5,551	\$4,732	\$3,357	\$3,842		\$2,469					\$12,852
	Recreational Trails												
	Safe Routes to School (SRTS) (SAFETEA-LU)												
Surface Transportation Program (Regional)	\$429,100	\$39,156	\$39,156	\$26,522	\$26,522	\$43,071	\$43,071	\$27,251	\$27,251			\$565,101	
Other	\$248,299	\$3,567	\$3,567	\$800	\$800	\$1,369	\$1,369					\$254,034	
Federal Highway Total	\$1,369,375	\$96,584	\$95,766	\$62,957	\$63,442	\$81,601	\$84,070	\$100,548	\$100,548	\$276,857	\$276,857	\$1,990,057	
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	\$2,442,681	\$308,590	\$306,312	\$276,981	\$275,211	\$297,886	\$298,058	\$316,833	\$314,536	\$820,237	\$929,983	\$4,566,780	
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									\$585,430	\$585,430	\$585,430	
	Innovative Financing Total												
PROGRAM TOTAL		\$7,698,723	\$1,444,963	\$1,426,362	\$1,233,101	\$1,230,137	\$1,565,008	\$1,577,065	\$1,110,416	\$1,151,179	\$1,460,205	\$1,752,567	\$14,836,032

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		\$23,072	\$26,883	\$26,956	\$29,000	\$13,661	\$16,068	\$39,488	\$5,723	\$652,162	\$601,241	\$678,914
STATE	State Highway Operations and Protection Program												
	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				\$853	\$735	\$870	\$749	\$870	\$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				\$853	\$735	\$870	\$749	\$870	\$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				\$15,853	\$15,735	\$870	\$749	\$18,647	\$18,525	\$76,703	\$76,703	\$111,712
INNOVATIVE FINA	TIFIA (Transportation Infrastructure Finance and Innovation Act)												
	Innovative Financing Total												
REVENUES - PROGRAM TOTAL			\$23,072	\$26,883	\$42,808	\$44,735	\$14,531	\$16,816	\$58,135	\$24,248	\$728,865	\$677,944	\$790,627

SANDAG 2016 RTIP

Amendment No. 3

Summary of Changes

**Summary of Changes
2016 RTIP - Amendment No. 3**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
San Diego Metropolitan Transit System	MTS23A	Transit Service Operations	21%	\$5,607,473	\$26,374,400	\$31,981,873	Increase funding, Revise funding between fiscal years
San Diego Metropolitan Transit System	MTS28	Bus & Rail Rolling Stock purchases and Rehabilitations	4%	\$9,759,480	\$233,875,000	\$243,634,480	Increase funding
San Diego Metropolitan Transit System	MTS29	Bus and Fixed Guideways Station Stops and Terminals	109%	\$19,397,600	\$17,826,144	\$37,223,744	Add new funding source, Increase funding
San Diego Metropolitan Transit System	MTS30	Bus/Rail Support Facilities and Equipment	-37%	-\$16,067,000	\$43,256,000	\$27,189,000	Add new funding source, Reduce funding
San Diego Metropolitan Transit System	MTS31	Rail Electrification and Power	299%	\$16,931,332	\$5,670,000	\$22,601,332	Increase funding
San Diego Metropolitan Transit System	MTS32A	Preventive Maintenance	45%	\$150,880,000	\$337,542,000	\$488,422,000	Add new funding source, Increase funding
San Diego Metropolitan Transit System	MTS33A	Senior Disabled Program	25%	\$1,746,000	\$6,907,719	\$8,653,719	Increase funding
San Diego Metropolitan Transit System	MTS34	Bus Signal and Communications Equipment	124%	\$34,448,049	\$27,753,694	\$62,201,743	Increase funding
San Diego Metropolitan Transit System	MTS35	Fixed Guideway Transitways/Lines	75%	\$10,903,948	\$14,611,825	\$25,515,773	Increase funding
North County Transit District	NCTD02	Preventive Maintenance	2%	\$1,917,136	\$112,161,052	\$114,078,188	Increase funding
North County Transit District	NCTD03	ADA Paratransit Services	9%	\$2,275,046	\$25,094,402	\$27,369,448	Increase funding
North County Transit District	NCTD05	Bus Revenue Vehicle Purchases & Related Equipment	20%	\$16,746,501	\$85,263,291	\$102,009,792	Delete fund source, Increase funding
North County Transit District	NCTD06	Bus/Rail Support Equipment & Facilities	16%	\$5,239,317	\$32,108,397	\$37,347,714	Increase funding
North County Transit District	NCTD16B	Oceanside to Escondido Rail-SPRINTER Debt Service	20%	\$2,178,200	\$10,781,830	\$12,960,030	Increase funding

**Summary of Changes
2016 RTIP - Amendment No. 3**

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	CHANGE NOTES
North County Transit District	NCTD18	Rail-Right-of-Way State of Good Repair & Improvements	-13%	-\$569,987	\$4,327,066	\$3,757,079	Add new funding source, Increase funding
North County Transit District	NCTD20	Rail Vehicles & Related Equipment	-3%	-\$597,647	\$23,816,839	\$23,219,192	Reduce funding
North County Transit District	NCTD34	Transit Service Operating Support	40%	\$65,077,629	\$164,609,211	\$229,686,840	Increase funding
San Diego Association of Governments	SAN36	Bus/Rail Signal & Communications Equipment	7%	\$1,150,000	\$16,790,000	\$17,940,000	Increase funding
San Diego Association of Governments	SAN39	Rail Electrification & Power Distribution 125-00	11%	\$2,689,557	\$24,156,128	\$26,845,685	Increase funding
San Diego Association of Governments	SAN40	Metropolitan Planning	2%	\$808,269	\$40,900,170	\$41,708,439	Increase funding
San Diego Association of Governments	SAN200	San Onofre Bridge Replacement	-10%	-\$1,326,015	\$12,855,289	\$11,529,274	Reduce funding
Total				\$329,194,888	\$1,266,680,457	\$1,595,875,345	