

**ANNUAL LIST OF
FEDERALLY OBLIGATED
PROJECTS
FFY 2017
(October 1, 2016, to September 30, 2017)**

**Sue Alpert
Associate Financial Analyst**

December 2017



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PURPOSE

On December 4, 2015, the President signed the Fixing America's Surface Transportation (FAST) Act to provide long-term funding certainty for surface transportation infrastructure planning and investment. A requirement within the law, 23 Code of Federal Regulations, Title 23 Part 450.334 requires MPOs to develop listings of projects (including investments in pedestrian walkways and bicycle transportation facilities) for which federal funds were obligated in the preceding program year within 90 calendar days following the end of the program year. These listings shall be published or otherwise made available in accordance with MPO's public participation plan for the FTIP. Specifically:

An Annual Listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which federal funds have been obligated in the preceding program year shall be published or otherwise made available by the cooperative effort of the state, transit operator, and metropolitan planning organization for public review. This listing shall be consistent with the funding categories identified in each metropolitan transportation improvement program.

This report fulfills the above requirement by listing all federally-funded transportation projects in the San Diego region that were obligated during the federal fiscal year (FFY) 2017 which covers the period from October 1, 2016 to September 30, 2017. Obligation refers to the federal government's commitment to pay or reimburse the lead agency for the federal share of a projects' cost. Obligation of federal funds means that a project has received federal commitment for reimbursement, and does not necessarily mean that the project was initiated or completed in that year or indicate the total cost of that project.

BACKGROUND

The 18 cities within San Diego County as well as the county government make up SANDAG, the San Diego Association of Governments. This public agency serves as the forum for regional decision-making. SANDAG builds consensus, makes strategic plans, obtains and allocates resources, plans, engineers, and builds public transportation, and provides information on a broad range of topics pertinent to the region's quality of life. SANDAG is governed by a Board of Directors composed of mayors, councilmembers, and county supervisors from each of the region's 19 local governments. Supplementing these voting members are advisory representatives from Imperial County, the U.S. Department of Defense, Caltrans, San Diego Unified Port District, Metropolitan Transit System (MTS), North County Transit District (NCTD), San Diego County Water Authority, Southern California Tribal Chairmen's Association, and Mexico. Policy Advisory Committees assist the Board of Directors in carrying out the agency's work program.

SANDAG Board and Policy Committee meetings provide the public forums and decision points for significant regional issues such as growth, transportation, environmental management, housing, open space, air quality, energy, fiscal management, economic development, and public safety. SANDAG Board of Directors establishes policies, adopts plans, allocates transportation funds, and develops programs to address regional issues. Citizens as well as representatives from community, civic, environmental, education, business, other special interest groups, and other agencies are involved in the planning and approval process by participating in committees, as well as by attending workshops and public hearings.

Regional Transportation Plan

SANDAG develops the long-range Regional Transportation Plan (RTP). The current plan, *San Diego Forward: The Regional Plan*, adopted by the Board of Directors on October 9, 2015, is the blueprint for a regional transportation system that further enhances quality of life, promotes sustainability, and offers more mobility options for people and goods. The Regional Plan, including its Sustainable Communities Strategy (SCS), is built on an integrated set of public policies, strategies, and investments to maintain, manage, and improve the transportation system so that it meets the diverse needs of the San Diego region through 2050. Updated every four years to reflect new planning priorities and changing projections of growth and travel demand, the long-range plan must be based on a realistic forecast of future revenues. Projects must be included in the RTP before being included in the Regional Transportation Improvement Program (RTIP).

Regional Transportation Improvement Program

The RTIP is a multi-billion, five-year program of major highway, arterial, transit, and bikeway projects, including the Program of Projects for the countywide half-cent transportation sales tax program called *TransNet*. The RTIP is the short-term document (covers five years) that implements the RTP.

Currently, the RTIP is updated every two years. Federal and state regulations identify the development process and required content for the programming document. In general, the RTIP must include all major projects receiving certain categories of federal or state transportation funding, which need federal and/or state approval. The RTIP must also include capacity increasing projects and those projects which are identified as regionally significant. In order for a project to receive federal obligation, the project's funds must be included in the region's or the state's TIP.

On October 9, 2015, the SANDAG Board of Directors approved the Revenue Constrained San Diego Forward: The Regional Plan (Regional Plan) and its air quality conformity analysis. On October 23, 2015, the Transportation Committee approved the 2014 RTIP, Amendment No. 7, including the air quality conformity analysis. The air quality conformity determination for the Regional Plan and 2014 RTIP, Amendment No. 7 were federally approved on December 2, 2015. The 2016 RTIP, covering FY2017 through FY 2021, was adopted by the SANDAG Board on September 23, 2016 and the conformity determination was jointly approved by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) on December 16, 2016, making the 2016 RTIP the valid Transportation Improvement Program (TIP) for the remainder of FFY 2017.

Public Involvement

It is the policy of SANDAG to encourage public participation in the development of agency planning and programming activities. Public involvement consists of participation on various SANDAG working groups, opportunities to comment at Board and committee meetings, public notices of document availability and public hearings, and through the SANDAG public communications program. Also, as part of the Regional Plan, SANDAG implemented an extensive public outreach program from various parts of the region. Additional outreach was done in order to comply with Title VI and environmental justice principles. This process developed a Stakeholder's Working Group (SWG) which included citizen representatives and community based organization groups. Additional analyses were conducted to include outreach from Low Income/Minority (LIM) areas and tribal organizations to solicit additional input.

The Board adopted an updated Public Participation Plan (PPP) in December 2012 in accordance with MAP-21. The revised PPP reflects the SANDAG commitment to public participation and involvement to include all residents and stakeholders in the regional planning and decision-making process.

OBLIGATION REPORT

This report is divided between FHWA and FTA funding programs. Within each grouping, the obligations¹ are listed by the different funding programs and ordered by the corresponding MPO identification number, where available. The MPO identification number is a unique project identifier used in the RTIP for projects.

The obligation information for FHWA-funded programs was provided by the California Department of Transportation while the obligation information for FTA-funded programs was derived from the FTA financial system referred to as TrAMS. SANDAG does not participate in the obligation process.

¹ Note that this list includes only federal obligations; no state or local funds are reported.

**Table 1: FFY 2017 Annual List of Federally Obligated Projects
Federal Highway Administration Programs**

MPO ID	Agency	Project/Description	Date	Amount of Obligation
Congestion Mitigation Air Quality (CMAQ)				
SAN11A	SANDAG	Regional Rideshare Program	4/4/2017	\$6,176,000
CAL09	Caltrans	Interstate 5 - HOV/Managed Lanes	9/25/2017	\$33,283,469
		<i>Various Deobligations*</i>		(\$620,190)
		Total CMAQ		\$38,839,279
Corridors and Borders Infrastructure (CBI)				
		<i>Various Deobligations*</i>		(\$668,310)
		Total CBI		(\$668,310)
Highway Bridge Program (HBP)/Seismic Retrofit (CAL 44)²				
	Carlsbad	Carlsbad Blvd over Encinas Discharge (Br. #57C0307) - Bridge Barrier Rail Replacement	6/20/2017	\$697,434
	Chula Vista	Willow Street Bridge over Sweetwater River (Br. # 57C0011) - Bridge Replacement	3/20/2017	\$3,230,369
CHV08	Chula Vista	Heritage Road over Otay River (Br. # 57C0670) - Bridge Replacement	7/31/2017	\$1,770,600
CHV69	Del Mar	Camino Del Mar over San Dieguito River (Br. #57C0209)	5/30/2017	\$1,239,420
	La Mesa	Grossmont Center Drive over MTDB Light Rail (Br. #57C0467)	3/15/2017	\$199,193
	San Diego	Fairmount Avenue over Aldine Drive (Br. #57C0420L)	3/22/2017	\$119,515
	San Diego County	Various Bridges - Preventative Maintenance	4/4/2017	\$1,460,744
	San Diego County	SR 76 over Pala Creek Bridge (Br. #570072) - Bridge Replacement	6/16/2017	\$1,364,185
	San Marcos	South Bent Avenue over San Marcos Creek (Br. #00L0045) - Bridge Replacement	6/29/2017	\$309,855
SM32	San Marcos	Via Vera Cruz over San Marcos Creek (Br. #57C0780) - Bridge Replacement	7/6/2017	\$585,310
		<i>Various Deobligations*</i>		(\$3,943,694)
		Total HBP		\$7,032,931
High Priority (HPP)/Demonstration (DEMO)/Section 117 Programs				
CAL09	Caltrans	Interstate 5 - HOV/Managed Lanes	6/13/2017	\$1,219,710
CAL38C	Caltrans	SR 905 West Bound Connector from SR-125	7/18/2017	\$5,441,396
V19	Various	Harbor Drive Multi-Modal Corridor Study	8/23/2017	\$379,202
		<i>Various Deobligations*</i>		(\$453,964)
		Total HPP/DEMO		\$6,586,343
Highway Maintenance Program (CAL194)²				
	Caltrans	SR 75, SR 78, and I-805 - Mill and Replace Asphalt with Overlay	4/18/2017 1/27/2017	\$2,176,500
	Caltrans	SR 94 from Rt. 188 to I-8 - Apply Polymer Modified Emulsion Chip Seal		\$2,397,100
		<i>Various Deobligations*</i>		(\$468,210)
		Total Highway Maintenance		\$4,105,390
Highway Safety Improvement Program (HSIP) (CAL105)²				
	Chula Vista	At four intersections - Install Pedestrian Crossing and Protected Left-Turn Phasing	8/9/2017	\$379,300
	Chula Vista	Hilltop Dr./L Street; Fourth Ave./J Street; Third Ave./I Street; Third Ave./H Street - Upgrade Traffic Signals; Install Pedestrian Countdown	6/29/2017	\$671,300
	El Cajon	Washington Ave. between Third St. and Dehesa Rd. - Reconfigure Lane Geometry from Four Travel Lanes to Three; Add a Two-Way Left Turn Lane; Bicycle Lane and Install Roadway Segment Lighting	7/19/2017	\$22,950
	Encinitas	Various Corridors - Install LED Safety Lighting	9/13/2017	\$50,000
	Encinitas	Encinitas Blvd./Vulcan; Leucadia Blvd./N. Vulcan; Leucadia Blvd./Qual Gardens; Santa Fe Dr./Scripps - Provide Protective Left-Turn Phasing	9/13/2017	\$45,000
	Encinitas	N. Coast Hwy. 101 From Jasper to Phoebe St.- Install a Signalized Pedestrian Crossing	9/13/2017	\$40,000
	Escondido	El Norte Parkway/Fig and East Valley Pkwy Install New Traffic Signals	4/12/2017	\$627,344
	La Mesa	Various Streets - Install Warning and Regulatory Signs	7/7/2017	\$151,540
	La Mesa	Fletcher Parkway between Baltimore Dr. and Dallas St. - Upgrade Traffic Signals (Interconnect)	9/13/2017	\$558,897
	National City	Highland and 28th Street - Install Traffic Signals	8/16/2017	\$154,000
	National City	At Various Locations Along Highland Ave - Upgrade Traffic Signals, Install Protected Left-Turn Phasing	9/13/2017	\$729,300
	National City	At Nine Intersections - Install Pedestrian Crossings	9/13/2017	\$810,650
	National City	At Various Locations Along National City Blvd. - Upgrade Traffic Signals (Interconnect)	8/16/2017	\$501,400
	National City	On E. 18th St. Between D Ave. and Palm Ave - Install Bicycle Lanes and Bike Boxes	8/11/2017	\$37,675
	National City	Various Corridors - Install Signalized Intersections	6/26/2017	\$625,230

**Table 1: FFY 2017 Annual List of Federally Obligated Projects
Federal Highway Administration Programs**

MPO ID	Agency	Project/Description	Date	Amount of Obligation
	Oceanside San Diego	Douglas Dr. between Westport Dr. and Via Cibola - Install Raised Median University Ave between Fairmount and Euclid Ave - Implement Complete Street Measures	6/22/2017	\$971,640
	San Diego County	Winter Gardens Blvd between Woodside Ave. and Lemoncrest Dr. – Construct Sidewalk, Curb, Gutter, and Bike Lanes	12/15/2016	\$91,080
	San Diego County	Jamacha Blvd between Sweetwater Road and Gillespie Drive - Construct Raised Median and Install Traffic Signal With Striping	7/17/2017	\$119,700
	San Diego County	Woodside Ave from Marilla Dr. to Chestnut St. - Construct Sidewalks, Bike Lanes and Advanced Dilemma Zone Detection with Signal Coordination	7/17/2017	\$1,225,620
	San Marcos	Various Locations - Install/Upgrade Traffic Signals	8/1/2017	\$423,000
	San Marcos	Various Locations - Install Safety Lighting	6/20/2017	\$383,800
	Santee	Mission Gorge Rd. from SR52 to Carlton Hills Blvd - Install Streetlights	2/9/2017	\$46,000
	Santee	Around Santana High School - Install Streetlights	2/9/2017	\$51,000
	Santee	Mission Gorge Rd. Between Riverview Parkway and 1st. Ave. - Install Raised Median	9/13/2017	\$614,700
	Vista	E. Vista Way btwn Fire Station 6 and Williamston - Install Raised Median; Modify Striping	8/1/2017	\$427,400
	Vista	Various Locations - Upgrade Traffic Signals	9/18/2017	\$758,186
	Various Deobligations*			<u>(\$489,738)</u>
		Total HSIP		\$10,026,974
	Interstate Maintenance (IM)			
	Various Deobligations*			<u>(\$167,614)</u>
		Total IM		(\$167,614)
	Regional Surface Transportation Program (RSTP)			
CAL09	Caltrans	Interstate 5 - HOV/Managed Lanes	9/25/2017	\$28,727,622
CAL29B	Caltrans	SR 76 East	3/13/2017	8,525,174
	Various Deobligations*			<u>(\$1,229,849)</u>
		Total RSTP		\$36,022,947
	Recreational Trails			
V12	Various	Cleveland National Forest & Ocotillo SVRA 1st Edition Trail Map	4/18/2017	\$26,884
		Total Recreational Trails		\$26,884
	Safe Routes to School (SRTS) (CAL104)²			
	Various Deobligations*			<u>(\$5,670)</u>
		Total SRTS		(\$5,670)
	State Highway Operation and Protection Program (SHOPP)²			
	SHOPP–Bridge Preservation (CAL46D)			
	Caltrans	San Diego County - Various Locations - Apply Methacrylate Bridge Deck Treatments	9/14/2017	\$2,640,400
	Caltrans	San Diego County - Various Locations - Repair Bridge Decks, Rails and Replace Approach Slabs	8/24/2017	\$3,252,300
	Caltrans	Various Locations - Samagatuma Creek to Matagual Creek - Replace Bridge Railings	4/18/2017	\$50,000
	Caltrans	San Diego County - Various Locations - Update Brige Rails	8/17/2017	\$3,753,744
	Caltrans	Campo - Campo Creek Bridge - Upgrade Bridge Rails and Bridge Approach Rails	4/18/2017	\$2,183,800
	Caltrans	Oceanside - Replace Pala Creek Bridge	6/16/2017	\$1,364,185
	Caltrans	San Diego County - SR75 - Seismic Retrofit Bridge and Structure Rehab	4/4/2017	\$841,999
		Subtotal Bridge Preservation		\$14,086,428
	SHOPP–Collision Reduction (CAL46B)			
	Caltrans	Various Locations on SR 78 - Install Lighting and Concrete Barriers and Improve Striping	12/15/2016	\$7,444,900
	Caltrans	San Diego County near Rincon Springs Rd. and Water Mountain Rd. - Realign Curve and Construct Roundabout	3/13/2017	\$6,860,700
	Caltrans	Lemon Grove on SR 125 from Elkeltan Blvd to Troy St. - Install Median Barrier	5/11/2017	\$108,360
	Caltrans	San Diego from Landis St. to I-8 - Install Access Gates, Pullouts and Barriers	8/24/2017	\$3,706,700
	Caltrans	Poway on SR 67 - Install Median Channelizers	1/26/2017	\$5,681,400
	Caltrans	San Diego - SR 163 at I-8 - Apply High Friction Surface Treatment	9/12/2017	\$303,800
	Caltrans	Oceanside on SR 76 - Construct Median Barrier	12/15/2016	\$247,000
	Caltrans	Various Locations - Roadside Safety Improvements	6/22/2017	\$3,992,200
		Subtotal Collision Reduction		\$28,345,060

**Table 1: FFY 2017 Annual List of Federally Obligated Projects
Federal Highway Administration Programs**

MPO ID	Agency	Project/Description	Date	Amount of Obligation
SHOPP - Mandates (CAL46I)				
	Caltrans	San Diego on SR 125 - Repair Median Erosion	9/14/2017	<u>\$4,040,400</u>
		Subtotal Mandates		\$4,040,400
SHOPP - Mobility (CAL46A)				
	Caltrans	Various Locations - Install Ramp Meters and Widen Ramps	9/14/2017	\$12,034,300
	Caltrans	I-5 Auxiliary Lane	8/11/2017	\$1,299,000
	Caltrans	SR 78 Auxiliary Lanes	8/17/2017	<u>\$9,654,700</u>
		Subtotal Mobility		\$22,988,000
SHOPP-Roadside Preservation (CAL46E)				
	Caltrans	San Diego on I-8 from Nimitz to Presidio Park Overcrossing - Pavement Rehabilitation	3/13/2017	\$8,502,900
	Caltrans	SR 52 from Convoy to SR 163 - Pavement Rehabilitation	3/13/2017	<u>\$104,794</u>
		Subtotal Roadside Preservation		\$8,502,900
SHOPP Deobligations				
		Various SHOPP Deobligations*		<u>(\$2,281,650)</u>
		Subtotal SHOPP Deobligations		(\$2,281,650)
		Total SHOPP		\$75,681,137
State Emergency/Safety Program³				
	Carlsbad	Carlsbad Boulevard North of La Encinas Creek Emergency Revetment	8/17/2017	<u>\$759,281</u>
		Total Emergency Program		\$759,281
State Transportation Improvement Program (STIP)				
CAL09	Caltrans	Interstate 5 - HOV/Managed Lanes	8/29/2017	\$59,240,700
SAN153	SANDAG	Inland Rail Trail	9/12/2017	<u>\$16,322,000</u>
		Total STIP		\$75,562,700
Transportation Alternatives Program (TAP) (V14)²				
	Caltrans	San Diego County - Live Oak Elementary and Potter Junior High	8/18/2017	\$1,738,100
	Encinitas	Encinitas - Rail Grade Separated Bike and Pedestrian Underpass	4/26/2017	\$196,000
	San Diego	Euclid Complete Street Project	11/18/2016	<u>\$260,000</u>
		Total TAP		\$2,194,100
Transportation Enhancement (TE) Program				
		Various Deobligations*		<u>(\$967,775)</u>
				(\$967,775)
<u>Total Obligations for FHWA Administered Programs</u>				<u>\$256,137,103</u>

Notes:

¹ RSTP funds are considered flexible and can transfer from FHWA to FTA

² These projects are programmed under Grouped Project Listing or lump sum in the RTIP (except as otherwise noted)

³ Emergency projects are by nature safety-related and due to urgency of the projects, they are not required to be programmed

* Deobligations occur due to cost savings, project close-out or inability to deliver

**Table 1: FFY 2017 Annual List of Federally Obligated Projects
Federal Transit Administration Programs**

MPO ID	Agency	Project/Description	Grant No.	Amount of Obligation
Section 5307 Urbanized Area Formula Program				
MTS28	MTS	Bus & Rail Rolling Stock purchases and Rehabilitations	CA-2017-127-00	\$10,292,174
MTS23A	MTS	Transit Service Operations - ADA	CA-2017-127-00	\$4,297,667
MTS32A	MTS	Preventive Maintenance	CA-2017-127-00	\$25,106,825
SAN40	SANDAG	Metropolitan Planning	CA-2017-090-01	\$8,774,523
SAN39	SANDAG	Rail Electricification & Power Distribution	CA-2017-090-01	\$3,280,000
SAN117	SANDAG	Poinsettia Station Improvements	CA-2017-090-01	\$819,809
SAN163	SANDAG	Los Penasquitos Lagoon Bridge Replacement	CA-2017-090-01	\$4,000,000
SAN226	SANDAG	Del Mar Bluffs	CA-2017-090-01	\$800,000
SAN132	SANDAG	Elvira to Morena Double Track	CA-95-X129-04	<u>\$13,190,000</u>
Total 5307				\$70,560,998
Section 5309 New Starts				
SAN23	SANDAG	Mid-Coast Light Rail Transit (LRT) Corridor Project	CA-2016-021-01	\$50,000,000
		<i>Various Deobligations*</i>		<u>-\$227</u>
Total 5309				\$49,999,773
Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities				
SAN213	SANDAG	Operating Assistance	CA-2017-131-01	\$2,082,678
SAN214	SANDAG	Capital Purchase	CA-2017-131-01	<u>\$2,137,575</u>
				\$4,220,253
Section 5312 Rides to Wellness Demonstration				
SAN239	SANDAG	Rides to Wellness Demonstration	CA-2017-141-00	<u>\$160,000</u>
				\$160,000
Section 5337 State of Good Repair				
MTS32A	MTS	Preventive Maintenance - Bus	CA-2017-128-00	\$3,893,175
MTS32A	MTS	Preventive Maintenance - Rail	CA-2017-128-00	\$23,000,000
NCTD02	NCTD	Preventive Maintenance - Rail	CA-2017-121-00	\$7,470,868
NCTD20	NCTD	Rail Rolling Stock	CA-2017-121-00	\$2,995,053
NCTD06	NCTD	Rail Support Equipment & Facility	CA-2017-121-00	\$580,000
NCTD02	NCTD	Preventive Maintenance - Rail	CA-2017-133-00	\$9,476,442
NCTD20	NCTD	Rail Rolling Stock	CA-2017-133-01	\$978,230
NCTD06	NCTD	Rail Support Equipment & Facility	CA-2017-133-01	<u>\$591,249</u>
Total 5337				\$48,985,017
Section 5339 Bus and Bus Facilities				
MTS28	MTS	ADA Bus Replacement	CA-2017-129-00	\$2,652,000
MTS28	MTS	Rural Mid-Size Bus Replacement	CA-2017-129-00	\$450,000
MTS34	MTS	RTMS Expansion	CA-2017-129-00	\$379,549
NCTD05	NCTD	Bus Replacement	CA-34-Z005-00	<u>\$1,492,092</u>
Total 5339				\$4,973,641
<u>Total Obligations for FTA Administered Programs</u>				<u>\$174,519,429</u>
Grand Total FFY 2017 Federal Obligations				\$430,656,532

* Deobligations occur due to cost savings, project close-out or inability to deliver

Source: FHWA obligation data from Caltrans Office of Local Assistance; FTA obligation data from TrAMS.