

MEMORANDUM

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 29-30, 2020

From: STEVEN KECK, Chief Financial Officer

Reference Number: 4.11, Information Item

Prepared By: Bruce De Terra, Chief
Division of Transportation Programming

Subject: **TRAFFIC CONGESTION RELIEF PROGRAM – ANNUAL REPORT**

SUMMARY:

The California Transportation Commission's (Commission) Traffic Congestion Relief Program (TCRP) guidelines require lead agencies to periodically report on project status; Commission policy requires these reports annually. The California Department of Transportation assists the Commission in reporting on TCRP activity and does so by administering the annual reporting process.

With the passage of Senate Bill (SB) 1 (Beall, 2017), the TCRP has been deemed complete and final as of June 30, 2017; with no further programming or allocations of TCRP projects. Therefore, there was no activity for the Fiscal Year 2018-19 except for project expenditures.

As of June 30, 2019, of the \$4,908,900,000 legislated to the Traffic Congestion Relief Fund (TCRF), \$4,572,059,000 was ultimately programmed and \$4,564,296,000 allocated. The program legislated 141 specific projects, some of which have been subdivided, creating a total of 217 separate projects.

BACKGROUND:

The Traffic Congestion Relief Act of 2000 (Assembly Bill 2928, Chapter 91, Statutes of 2000 and SB 1662, Chapter 656, Statutes of 2000) created the TCRP, and committed \$4,908,900,000 to 141 specific projects.

PROGRAM STATUS:

Programming: Of the \$4,908,900,000 legislated for the TCRP, a total of \$4,572,059,000 in TCRF funding had been programmed to projects or project components.

*“Provide a safe, sustainable, integrated and efficient transportation system
to enhance California’s economy and livability”*

Allocations: As of June 30, 2017, at the close of the program, a total of \$4,564,296,000 has been allocated to these programmed projects. As of June 30, 2019, approximately \$4,290,000,000 has been expended.

Number of TCRP projects: According to TCRP statutes, 141 projects were originally identified. Subsequently, 39 of those projects had been subdivided, establishing a total of 217 TCRP projects approved by the Commission. Of the 217 individual projects, 14 either were substituted with other projects and not funded or the funding was incorporated into other TCRP projects leaving a total of 203 projects funded with TCRP funds. During 2018-19, five projects, or TCRP funded phases, were reported as completed. As of June 30, 2019, a total of 200 projects have been completed or considered closed. This total includes 14 projects that were either not funded or funding was later transferred to other projects/segments. The remaining 17 projects will continue to be reported on until completed. The attachments list the TCRP projects that are currently active and those TCRP funded phases considered complete or closed.

SUMMARY

Traffic Congestion Relief Fund (x\$1000s)					
Total All Projects	In Statute	Programmed	Allocated	Expended	Unprogrammed
	\$4,908,900	\$4,572,059	\$4,564,296	\$4,290,000	\$336,841

- Attachment A: List of active projects.
- Attachment B: List of completed projects.

List of Active projects as of 06/30/2019

TCRP No.	PPNO	Dist	Co	Name
4	var	4	Ala	Route 680; add northbound HOV lane over Sunol Grade, Milpitas to Route 84
7.3	T0073	4	SCI	CalTrain Service Improvement Phase III Project
14	1155	5	Mon	Capitol Corridor Extension to Monterey County
16.2	0192E	4	CC	SR-4 East Widening from Loveridge to Somersville
17	var	4	Mrn	Route 101 HOV Lane Gap Closure
35.2	2002	75	LA	L.A.-Fullerton Triple Track and Grade Separation
39	0851G	7	LA	I-405 Carpool Lane I-10 to US 101(Northbound)
40	var	7	LA	Route 10 HOV Lanes
42	var	7	LA	I-5 Carpool Lane-Orange CL to I-605
50	var	7	LA	Route 71 Expressway to Freeway Conversion
56.1	T0561	8	SBd	San Bernardino Line - Turnouts at Control Point Beech
99.4	2117	75	Mer	Project 99.4 - Merced to LeGrand Double Track, Segment 2 (2b), including Second Platform at Amtrak Station.
106	5951	10	Mer	Campus Parkway; new arterial in Merced County from Route 99 to Bellevue Road
113	Var	6	Ker	Route 46 Expressway
115	3L05	3	Sac	South LRT Extension, Meadowview-Calvine (TCRP #115)
116	3148	3	Sac	Northeast Corridor Enhancements
148.1	0042A	11	Imp	Widen State Route 98

List of completed projects as of 06/30/2019

TCRP No	PPNO	Dist	Co	Title
1.1	T0011	4	SCL	BART to San Jose; extend BART from Fremont to Warm Springs
1.2	T0012, 2147D	4	SCL	BART to San Jose; extend BART from Warm Springs to Downtown San Jose
1.3	T0013	4	SCL	BART to San Jose; Extend from Berryessa to San Jose
2		4	SCL	Alternate Project; Acquire rail line for BART to San Jose
3	T0003	4	SCL	Route 101; widen freeway from four to eight lanes-Bernal Road to Burnett Avenue.
5	0468E	4	SCL	Rte 101; add NB lane to freeway through San Jose, Route 87 to Trimble Road
6	T0060	4	SCL	Route 262; major investment study, Route 680 to Route 880 near Warm Springs.
7.1	T0071	4	SCL	CalTrain; expand service to Gilroy.
7.2	T0072	4	SCL	CalTrain; Caltrain Service Improvement Project
8	0409C	4	SCL	Route 880; reconstruct Coleman Avenue Interchange near San Jose Airport.
9.1	T0091	4	ALA/ SCL	Capitol Corridor; improve intercity rail line between Oakland and San Jose. Harder Road Overcrossing Project.
9.2	2086	4	ALA	Capitol Corridor; Emeryville Station track and platform improvements.
9.3		5	ALA	Capitol Corridor Improvements (Jack London Square Station Track and Platform Improvements)
9.4	2064	4	ALA/SCL	Capitol Corridor; Oakland to San Jose intercity track improvements.
10	T0100	4	Var	Regional Express Bus; acquire low-emission buses in nine counties.
11	T0110	4	Var	San Francisco Bay Southern Crossing; complete feasibility and financial studies for new San Francisco Bay crossing (new bridge, HOV/Transit bridge or second BART tube) in Alameda and San Francisco or San Mateo Counties. Segment I - 2000 SF Bay Crossing.
11.1	T0111	4	MTC	San Francisco Bay Southern Crossing; Video Tolling
12.1	2011H	4	CC	BART Extension Eastward from Pittsburg/Bay Point
12.2	2011F	75	CC	Hercules Intercity Rail Station project
12.3	T0123	4	ALA/CC	Bay Area Transit Connectivity; studies and improvements for, the I-580 Livermore Corridor; the Hercules Rail Station and related improvements.
13	T0130	4	Var	CalTrain Peninsula Corridor; acquire rolling stock, add passing tracks, and construct pedestrian access structure at stations.
15	29491	4	ALA	Caldecott Tunnel; add 4th bore tunnel with additional lanes in Alameda & Contra Costa Counties.

TCRP No	PPNO	Dist	Co	Title
16.1	0190D	4	CC	Route 4; widen freeway to eight lanes from Railroad through Loveridge Road.
18	0360F, 0360J, 0360H	4	MRN/SON	Rte 101; widen 8 miles of freeway to 6 lanes, Novato to Petaluma (Novato Narrows)
18.1	T0181	4	MRN/SON	Rte 101; widen 8 miles of freeway to 6 lanes (East Washington Boulevard Interchange)
18.2	0360G	4	MRN/SON	Rte 101; widen 8 miles of freeway to 6 lanes (San Antonio Creek Curve Correction)
19	T0190	4	SF	Bay Area Water Transit Authority; establish a regional water transit system.
20.1	2134	4	SF	San Francisco Muni 3rd Street Light Rail Extension
20.2	T0202	4	SF	San Francisco Muni 3rd Street Light Rail
21	T0210	4	SF	San Francisco Muni Ocean Avenue Light Rail
22	0619A	4	SF	Doyle Drive Replacement
23	1003G	4	SM/SF	CalTrain Peninsula Corridor; complete grade seps at Poplar Avenue in (San Mateo), 25th Avenue (San Mateo), and Linden Avenue (South SF) in San Mateo County.
24	T0240	4	SOL	Vallejo Baylink Ferry; expand Baylink Vallejo-San Francisco service.
25.1	T0251	4	SOL	I-80/I-680/Route 12 Interchange in Fairfield Major Investment Study/Corridor Study.
25.2	5301K	4	SOL	I-80/I-680/Route 12 Interchange Connector, Phase 2
25.3	5301K	4	SOL	I-80/I-680/Route 12 Interchange
26	2021	4	ALA	Livermore Valley Siding
27.1	2009L	4	ALA/CC	Vasco Road Safety and Transit Enhancement Project-Parking Structure for VC Project.
27.2	T0272	4	ALA/CC	Vasco Road Safety and Transit Enhancement Project-Parking Structure for VC Project.
27.3	T0273	4	ALA/CC	Vasco Road Safety and Transit Enhancement Project-Parking Structure for VC Project.
28	2011G	4	CC	Parking Structure at Transit Village at Richmond BART Station
29	T0290	4	ALA/CC	AC Transit; buy two fuel cell buses and fueling facility for demonstration project.
30	T0300	4	MRN	Implementation of commuter rail passenger service from Cloverdale south to San Rafael & Larkspur in Marin and Sonoma Counties.
31	0112A 0112B, 0112D, 0112F	4	ALA	Route 580; construct EB & WB HOV lanes from Tassajara Road/Santa Rita Road to Vasco Road

TCRP No	PPNO	Dist	Co	Title
32.1	T0321	1	HUM	North Coast Railroad; repair and upgrade track. Subparagraph (a)(2) defray administrative costs.
32.2	T0322	1	HUM	North Coast Railroad; repair and upgrade track. Sub-paragraph (b) completion of rail line from Lombard to Willits.
32.3	T0323	1	Various	North Coast Rail Authority; Complete Rail Line
32.4	T0324	1	NAP/SON/MRN	North Coast Rail Authority repair & upgrade track to meet Class II (freight) standards.
32.5	T0325	1	NAP/SON/MRN	North Coast Rail Authority; repair & upgrade track to meet Class II (freight) standards, environmental remediation.
32.6	T0326	1	HUM	North Coast Railroad; repair and upgrade track. Sub-paragraph (f) debt reduction.
32.7	T0327	1	HUM	North Coast Railroad; local match funds
32.8	T0328	1	HUM	North Coast Railroad; Repayment of Q Fund
32.9	T0329	1	Various	North Coast Railroad; long-term stabilization
33	T0330	7	LA	Bus Transit-Acquire low-emission buses for LA County MTA bus service.
34	T0340	7	LA	Blue Line to Los Angeles; new rail line Pasadena to Los Angeles.
35.1	T0351	7	LA	Pacific Surfliner; triple track intercity rail line add run-through-tracks thru LA Union Station.
35.3	T0353	7	LA	Pacific Surfliner; triple track intercity rail line
35.4	T0354	7	LA	Pacific Surfliner; Valley View Grade Separation
35.5	T0355	7	LA	Pacific Surfliner; Passons Boulevard Grade Separation
36	2890	7	LA	Eastside Transit Corridor
37.1	4025	7	LA	Los Angeles Mid-City Transit Improvements.
37.2	3447	7	LA	Exposition Light Rail Transit Corridor, Phase 1
38.1	2891	7	LA	Los Angeles - San Fernando Valley Transit Extension.
38.2	T0382	7	LA	North-South Bus Transit Project (Environmental only)
41.1	3236, 0162P	7	LA	Route 5; add HOV lanes on Golden State Freeway through San Fernando Valley, Route 170 to Route 14
41.2	0158K	7	LA	Route 5; HOV lanes in San Fernando Valley (Segment 1, from Route 118 to Route 14)
42	4153, 2808, 4154	7	LA	Route 5; widen to 10 lanes in Los Angeles County. (Segment A, Orange County Line to Route 605)
42.2		7	LA	Route 5; widen to 10 lanes in Los Angeles County. (Segment B, Route 605 Interchange to Route 710)
42.3		7	LA	Route 5; widen to 10 lanes in Los Angeles County. (Segment C, Route 710 Interchange)
43	2808A	7	LA	Orange County to Route 605
44	T0440	7	LA	Route 47 (Terminal Island Freeway)
45	T0450	7	LA	Route 710; complete Gateway Corridor Study, Los Angeles/Long Beach Ports to Route 5.

TCRP No	PPNO	Dist	Co	Title
46	T0460	7	LA	Route 1; reconstruct intersection at Route 107 in Torrance in Los Angeles County.
47	21070	7	Ven	Route 101; California Street off-ramp in Ventura County
48	T0480	7	LA/VEN	Route 101; corridor analysis and PSR to improve corridor from Route 170 to Route 23 in Thousand Oaks.
49.1	T0491	7	LA	Hollywood Intermodal Transportation Center at Highland & Hawthorne
49.2		7	LA	Hollywood Intermodal Transportation Center at Highland-Hawthorne-ATCS
51	T0510	7	LA	NB Route 405/101 Connector Gap Closure
52	2333	7	LA	GARVEE Debt Service (Route 405-Waterford Avenue-Route 10)
53	T0530	7	LA	Automated Signal Corridors (ATSAC).
54.1	2318	7	LA	Alameda Corridor East; build grade seps on BNSF & UPRR lines, downtown LA to SBD county line ACE
54.3	T0543	7	LA	Alameda Corridor East; build grade seps on BNSF line at Parsons Boulevard in Pico Rivera
55.1	T0551	8	SBD	Alameda Corridor East; build grade seps on BNSF and UP rail lines. Los Angeles County line to Colton in San Bernardino County (Montclair)
55.2	T0552	8	SBD	Alameda Corridor East; build grade seps on BNSF and UP rail lines. San Bernardino County (Ontario)
55.3	T0553	8	SBD	Alameda Corridor East; SANBAG - Hunts Lane
55.4	1141	8	SBD	Alameda Corridor East; SANBAG (Colton) - Laurel Street
55.5	1131	8	SBD	ACE: South Milliken Avenue Railroad Grade Separation
56	3071	8	SBD	Metrolink; track and signal improvements on Metrolink; San Bernardino line.
57	T0057 0247P	8	SBD	Route 215; HOV lanes through downtown San Bernardino, Route 10 to Route 30
58	0247P	8	SBD	Route 10; widen freeway through Redlands, Route 30 to Ford Street
59	T0590	8	SB	I-10/Live Oak Canyon Interchange Improvement
60.1	T0601	8	SB	Route 15; Southbound Truck Climbing Lane
60.2	0176A	8	SB	Route 15; Southbound Truck Climbing Lane
61	T0610	8	SB	Route 10; reconstruct Apache Trail Interchange east of Banning in Riverside County.
62	0092A	8	RIV	Route 91; Add HOV Lanes; Adams Street to Route 60/215 Junction
62.1	0121L	8	RIV	Route 215 Corridor; Route 60/91/215 Connectors
63	0033	8	RIV	Route 60; add 7 miles of HOV lanes west of Riverside, Route 15 to Valley Way
64.1	0076B	8	RIV	Route 91; replace Green River Road Overcrossing, in Riverside County.

TCRP No	PPNO	Dist	Co	Title
70.1	T0701	12	ORA	Route 22; add HOV lanes on Garden Grove Freeway, Route 405 to Route 55 in Orange County – Construction of soundwalls .
70.2	T0702	12	ORA	Route 22; Add HOV lanes on Garden Grove Freeway
70.3		12	ORA	Route 22; HOV lanes on Garden Grove freeway, Route 405-Route 55 (Landscape)
73	9656	12	ORA	Alameda Corridor East; (Orangethorpe Corridor) build grade seps on BNSF line.
73.1	TC38	12	ORA	Alameda Corridor East; (Orangethorpe Corridor) Kraemer Boulevard Undercrossing
74	2073	11	SD	Pacific Surfliner; within San Diego County.
74.1	2071	11	SD	Pacific Surfliner; double track intercity rail line within San Diego County, add maintenance yard (Oceanside Double Tracking).
74.2		11	SD	Pacific Surfliner; double track intercity rail line within San Diego County - improvements to the LOSSAN Corridor.
74.3		11	SD	Maintenance Yard
74.4	T0744	11	SD	Pacific Surfliner; double track intercity rail line within San Diego County - Track and signal improvements at Fallbrook.
74.5		11	SD	Pacific Surfliner; double track intercity rail line within San Diego County - Encinitas Passing Track.
74.6		11	SD	Pacific Surfliner; double track intercity rail line within San Diego County - Leucadia Boulevard Grade Separation.
74.7	2072	75	SD	In Encinitas, between La Costa Boulevard and Chesterfield Drive. Construct a grade separated pedestrian crossing in the vicinity of Santa Fe Drive. (TCRP #74.7)
74.8	T0748	11	SD	Pacific Surfliner; double track intercity rail line within San Diego County – Camp Pendleton O’Neil to Camp Pendleton Flores Double Track.
74.9	T0749/ 2006	11	SD	Pacific Surfliner; Santa Margarita River Bridge and Doubletrack
74.10	2073	11	SD	Pacific Surfliner; within San Diego County (Carlsbad Doubletrack)
74.11	T7411	75	SD	Elvira to Moreno Double Track
75.1	T0751	11	SD	San Diego Transit Buses – Acquire CNG buses, purchase three fueling facilities, and expand one fueling facility.
75.2	T0752	11	SD	San Diego Transit Buses; acquire 85 low-emission buses.
76	T0760	11	SD	Coaster Commuter Rail; acquire one new train set to expand commuter rail.
76.1	T0761	11	SD	Coaster Commuter Rail; acquire one new train set to expand commuter rail.
77	T0770	11	SD	Route 94 environmental & HOV lanes from Route 5 in downtown to Route 805
78	7413	11	SD	East Village access; improve access to light rail from new in-town East Village development.

TCRP No	PPNO	Dist	Co	Title
79	8192A	11	SD	North County Light Rail; build new 20-mile light rail line from Oceanside to Escondido.
80	7307	11	SD	Mid-Coast University City Extension, PS&E
81	T0810	11	SD	San Diego Ferry; acquire low-emission high-speed ferryboat for new off-coast service.
82.1	0129X	11	SD	Route 5/805 Widening & Interchange (Stage 3)
82.2	0701	11	SD	Route 5/805 North Coast Corridor Project (Stage 1A)
83.1	0683	11	SD	Route 15; managed lanes north of San Diego (State 1-Transit elements)
83.2	0223B	11	SD	I-15 Managed Lanes
84	0260, 0260F	11	SD	Route 52; build 4 miles of new 6-lane freeway to Santee, Mission Gorge to Route 67
85	0271E	11	SD	Route 56; new freeway between I-5 and I-15 in the city of San Diego
86	09182	11	SD	Route 905; 6-lane freeway on Otay Mesa, Route 805 to Mexico Port of Entry
87.1	T0871	11	SD	Routes 94/125; build two new freeway connector ramps at Route 94/125 in Lemon Grove.
87.2	0356	11	SD	Route 5; realign freeway at Virginia Avenue (add lane) at San Ysidro Port of Entry (POE).
88.1	T0881	11	SD	Route 5; realign freeway at Virginia Avenue (southbound lanes) near San Ysidro
88.2	T0882	11	SD	Route 5; realign freeway at Virginia Avenue (add lane)
89	T0890	6	FRE	Route 99; improve Shaw Avenue Interchange in northern Fresno
90	1530	6	FRE	Route 99; widen freeway to 6 lanes, Kingsburg to Selma in Fresno County
91	0090F	6	FRE	Route 180 - Clovis Avenue to Temperance Avenue
92	2092	75	KIN	San Joaquin Corridor; improve track & signals near Hanford in Kings County
93	T0930	6	FRE	Route 180; complete environmental studies to extend Route 180 west from Mendota to I-5
94	1490	6	FRE	Highland Avenue 4 Lane
95	T0950	6	FRE	Route 41; add auxiliary lane from Herndon Avenue to Friant Road, widen Friant Road off-ramp and add turning lanes, Fresno County
96	T0096	6	FRE	Friant Road; widen to 4 lane from Copper Avenue to Road 206.
97	T0970	6	FRE	Operational improvements on Shaw, Chestnut, Willow, and Barstow Avenues near CSU, Fresno.
97.1	T0971	6	FRE	Operational improvements on Shaw, Chestnut, Willow, and Barstow Avenues in the City of Clovis

TCRP No	PPNO	Dist	Co	Title
97.2	T0972	6	FRE	Operational improvements on Shaw, Chestnut, Willow, and Barstow Avenues in the City of Fresno.
98	T0980, T0098	6	FRE	Peach Avenue; widen to 4-lane arterial & add pedestrian overcrossings for 3 schools
99.1	T0991	6	SJ	San Joaquin Corridor; improve track and signals along San Joaquin intercity rail line in seven counties. CALWA to BOWLES.
99.2	2079	75	SJ	Capacity Improvements - Oakley to Port Chicago Stockton to Escalation
99.3	2025	75	MAD	Madera Amtrak Station Relocation
100	T1000	10	SJ	San Joaquin Valley Emergency Clean Air Attainment Program; incentives for the reduction of emissions from heavy-duty diesel engines operating within the eight-county San Joaquin Valley region.
101	T1010	5	SC	Santa Cruz Metropolitan Transit District bus fleet; acquisition of low-emission buses.
102.1	916	5	SB	Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology – Outer State Street Signal System.
102.2		5	SB	State Street smart corridor, Santa Barbara County
102.3	T1023	5	SB	Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology
103	E013	6	KER	7th Standard Road Widening
104	5414	10	MER	Route 99; 6-lane freeway south of Merced, Buchanan Hollow Road to Healey Road
105	5401	10	MER	Route 99; 6-lane freeway from Madera County line to Buchanan Hollow Road in Merced County
107	7965B	10	SJ	Widen freeway to 6 lanes, Tracy to I-5
108	7213	10	SJ	Route 5; add NB lane to freeway thru Mossdale "Y", Route 205 to Route 120
109	0944m	10	STA	Route 132; 4-lane expressway in Modesto, Stone Avenue to 6th Street
110	7855	10	STA	Route 132; four-lane expressway, Route 33 to San Joaquin-Stanislaus County Line
111	A4360B	6	KIN	Route 198; build 10 miles of new 4-lane expressway from Route 99 to Hanford
112	T1120	6	KIN	Jersey Avenue; widen from 17th Street to 18th Street in Kings County
114	T1140	6	KER	Route 65; improvements, studies, Route 99 to Tulare County Line, in Kern County.
117	0R01	3	SAC	Folsom Light Rail; extend light rail tracks from 7th Street and K Street to the Amtrak Depot in Sacramento, and extend Folsom light rail.

TCRP No	PPNO	Dist	Co	Title
118	T1180	3	SAC	Sacramento Emergency Clean Air/Transportation Plan (SECAT).
119.1	T1191	3	SAC	Convert Sacramento Regional Transit bus fleet to low emission and provide Yolobus service by the Yolo County Transportation District. Project Deleted
119.2	T1192	3	SAC	Convert Sacramento Regional Transit bus fleet to low emission and provide Yolobus service by the Yolo County Transportation District.
121	T1210	6	KER	Metropolitan Bakersfield System Study; to reduce congestion in the city of Bakersfield.
122	8650	6	TUL	Route 65 widening from 7th Standard-Route 190
123	2029	11	SD	Oceanside Transit Center; parking structure.
126	0127A	3	SAC	Route 50/Watt Avenue Widen/Modify Interchange
127	T1270	4	SCL	Route 85/Route 87; interchange completion; addition of two direct connectors.
128	2308F	2	SHA	Airport Road; Reconstruction and Intersection Improvement Project
129	T1290	8	SBD	Route 62; traffic & pedestrian safety and utility
133	T1330	3	SAC	Feasibility studies for grade separation projects for Union Pacific Railroad at Elk Grove Boulevard and Bond Road.
134	0223A	3	SAC	Route 50/Sunrise Boulevard; interchange modifications.
135	0247J	3	SAC	Route 99/Sheldon Road; interchange project.
138	T1380	6	KIN/TUL	Cross Valley Rail; upgrade track from Visalia to Huron.
139.1	T1391	4	SF	Balboa Park BART Station; Phase I expansion - BART Project Improvements.
139.2	T1392	4	SF	Balboa Park BART Station; Phase I expansion - Historic Geneva Office Building.
140	T1400	6	TUL	City of Goshen; overpass for Route 99.
141	2110	4	ALA	Union City; pedestrian bridge over Union Pacific rail lines.
142	T1420	7	LA	West Hollywood; repair, maintenance, and mitigation of Santa Monica Boulevard.
144	T1440	4	SF/MRN	Seismic retrofit of the national landmark Golden Gate Bridge.
145	T0145	7	LA	Construction of a new siding in Sun Valley between Sheldon Street and Sunland Boulevard.
146	0007E	8	RIV	Construction of Palm Drive Interchange
148.2	T1482	11	IMP	Route 98; widening of 8 miles between Route 111 and Route 7 from 2 lanes to 4 lanes.
149	T1490	5	SCr	Purchase of low-emission buses for express service on Route 17.
150	T1500	5	SCr	Santa Cruz Metro Center

TCRP No	PPNO	Dist	Co	Title
151	T0151	7	LA	Purchase of 5 alternative fuel buses for the Pasadena Area Rapid Transit System.
152	T1520	7	LA	Pasadena Blue Line transit-oriented mixed-use development.
153	T0153	7	LA	Pasadena Blue Line utility relocation.
154	T0154	7	LA	Route 134/I-5 interchange study.
156	1014	4	ALA	BART Trans Bay Tube Seismic Retrofit
157	0367D, 0367H, 0367I	4	NAP/SOL	Route 12; Congestion Relief Improvements, Route 29 to I-80
158.1	T1581	7	LA	Remodel the intersection of Olympic Boulevard, Mateo Street, and Porter Street.
158.2	T1582	7	LA	Intersection of Olympic Boulevard/Mateo Street/Porter Street
159	0789A	4	SON	Route 101 HOV Lanes; Route 12 to Steele Lane