<table>
<thead>
<tr>
<th>County</th>
<th>Sponsor</th>
<th>Project Name</th>
<th>Project Limits</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santa Clara</td>
<td>VTA</td>
<td>BART - Benyessa to San Jose Extension</td>
<td>From Benyessa Station to San Jose and Santa Clara</td>
<td>$4,779,935,000</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>Regional/Multi-County</td>
<td>BART Transbay Core Capacity Improvements</td>
<td>On the BART System</td>
<td>$3,510,700,000</td>
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<tr>
<td>Santa Clara</td>
<td>Regional/Multi-County</td>
<td>BART: Railcar Procurement Program</td>
<td>790 BART Railcars</td>
<td>$2,716,241,545</td>
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<tr>
<td>San Mateo</td>
<td>CCAG</td>
<td>US101 Managed Lanes: Santa Clara Co-S of Grand Ave</td>
<td>In Santa Clara County on US-101 from Cochrane Rd. in Morgan Hill to San Mateo County Line in Palo Alto</td>
<td>$514,829,669</td>
</tr>
<tr>
<td>Sonoma</td>
<td>VTA</td>
<td>Santa Clara County - US 101 Express Lanes</td>
<td>In Sonoma County on US-101 from Old Redwood Highway in Petaluma to the Mainline County</td>
<td>$373,527,000</td>
</tr>
<tr>
<td>San Francisco</td>
<td>SFMTA</td>
<td>Additional Light Rail Vehicles to Expand Muni Rail</td>
<td>SFMTA Light Rail Vehicle Fleet</td>
<td>$366,304,165</td>
</tr>
<tr>
<td>Marin</td>
<td>TAM</td>
<td>US 101 HOV Lanes - Marin-Sonoma Narrows ( Marin)</td>
<td>In Marin County on US-101 from SR-37 in Novato to the Sonoma County Line</td>
<td>$332,219,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>CCTA</td>
<td>I-80 / SR 4 Interchange Reconstruction - Phase 3</td>
<td>In Contra Costa County at the I-80/80/4/12 interchange (Under Construction)</td>
<td>$136,195,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>Multi-County</td>
<td>I-868 Express Lanes: Northbound from Rudgear to SR 242 and</td>
<td>Widen I-80/80 for a northbound express lane between N. Main Street and Route 242 and implement</td>
<td>$7,000,000</td>
</tr>
<tr>
<td>Solano</td>
<td>STA</td>
<td>I-80/I-680/SR 12 Interchange Improvements</td>
<td>In Fairfield at the I-80/I-680/SR-12 Interchange</td>
<td>$671,817,000</td>
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<tr>
<td>San Mateo</td>
<td>Half Moon Bay</td>
<td>Route 1 improvements in Half Moon Bay</td>
<td>In SR-1 in Half Moon Bay</td>
<td>$10,150,000</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>VTA</td>
<td>I-280/Foothill Expressway Off Ramp Improvement</td>
<td>In Santa Clara County at the Northbound I-280/Foothill Expressway Interchange</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>Danville</td>
<td>San Ramon Valley Blvd Lane Addition and Overlay</td>
<td>In Danville on San Ramon Blvd between Jewel Terrace and Post Rd</td>
<td>$853,000</td>
</tr>
</tbody>
</table>

Subtotal of Projects Requiring Federal Action by October 2019 $16,416,409,669

<table>
<thead>
<tr>
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<tr>
<td>Contra Costa</td>
<td>Contra Costa Tra</td>
<td>I-80/Central Avenue Interchange Modification - Phases 1 &amp; 2</td>
<td>In Napa County at SR-221/SR-29 Interchange</td>
<td>$36,000,000</td>
</tr>
<tr>
<td>Solano</td>
<td>MTC</td>
<td>I-80 Express Lanes - Fairfield &amp; Vacaville Pl &amp; I-80</td>
<td>Solano County on I-80 from Red Top Dr to I-80</td>
<td>$228,100,000</td>
</tr>
<tr>
<td>Sonoma</td>
<td>SF County TA</td>
<td>Treasure Island/495</td>
<td>In Sonoma County on SR-84 from south of Ruby Hill Dr to I-80</td>
<td>$220,000,000</td>
</tr>
<tr>
<td>San Francisco</td>
<td>SF County TA</td>
<td>US 101 HOV Lanes - Marin-Sonoma Narrows ( Marin)</td>
<td>In Sonoma County on SR-84 from south of Ruby Hill Dr to I-80</td>
<td>$220,000,000</td>
</tr>
<tr>
<td>San Francisco</td>
<td>Equivalent Rail Extension to Windsor + Environmental to Cloverdale</td>
<td>Project extends SMART from the Sonoma Airport to Windsor, implements the SMART bike path, and includes additional environmental/planning assessment of extending SMART to Healdsburg and Cloverdale.</td>
<td>$49,000,000</td>
<td></td>
</tr>
<tr>
<td>Alameda</td>
<td>NVTCA</td>
<td>SR 12/28/221 Soscol Junction Improvement</td>
<td>In Napa County at SR-221/SR-29 Interchange</td>
<td>$36,000,000</td>
</tr>
<tr>
<td>Alameda</td>
<td>MTC</td>
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<td>SF County TA</td>
<td>Treasure Island/495</td>
<td>In Alameda County on SR-84 from south of Ruby Hill Dr to I-80</td>
<td>$220,000,000</td>
</tr>
<tr>
<td>Napa</td>
<td>NVTCA</td>
<td>SR 12/28/221 Soscol Junction Improvement</td>
<td>In Napa County at SR-221/SR-29 Interchange</td>
<td>$36,000,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>Contra Costa Tra</td>
<td>I-80/Central Avenue Interchange Modification - Phases 1 &amp; 2</td>
<td>Avenue to the San Mateo Street/Central Avenue intersection, and construct other necessary improvements.</td>
<td>$26,000,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>SF County TA</td>
<td>Treasure Island Congestion Pricing Program</td>
<td>On Treasure Island in San Francisco</td>
<td>$12,754,835</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>CCTA</td>
<td>I-80 Bus On Shoulder</td>
<td>In Contra Costa County on I-80 between Ygnacio Valley Rd and Alcosta Blvd</td>
<td>$9,100,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>CCTA</td>
<td>Civic Center Railroad Park &amp; Ride Complex</td>
<td>In Oakland on Main St between 2nd St and O'Hara Ave</td>
<td>$8,000,000</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>SJRC</td>
<td>Oakley Station Platform</td>
<td>In Oakley on Main St between 2nd St and Oakley Station</td>
<td>$4,561,973</td>
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<tr>
<td>Contra Costa</td>
<td>Antioch</td>
<td>Slaton Ranch Road Extension Phase I</td>
<td>In Antioch on Slaton Ranch Rd between Hillcrest Ave and Winkler Rd</td>
<td>$2,950,000</td>
</tr>
</tbody>
</table>

Subtotal of Projects Requiring Federal Action by April 2020 $4,232,881,905
CAHSR  California HSR in the Bay Area  This project implements the segment of California High Speed Rail that is in the Bay Area.  $8,489,000,000  
San Francisco  Later Transbay Terminal/Caltrain Downtown Ext. Ph. 2  In San Francisco from Fourth and Townsend Station to the new Transbay Terminal  $4,250,000,000  
San Francisco  US 101 Doyle Drive Replacement  In San Francisco on US 101 (Doyle Drive) from Lombard St/Richardson Ave to SR-1 Interchange  $2,106,836,569  
Santa Clara  VTA Eastside to BART Regional Connector  In San Jose from Alum Rock Transit Center to Eastside Transit Center  $510,279,000  
San Francisco  Hunters Pt Shipyard and Candlestick Pt Local Roads  In San Francisco at Hunters Point Shipyard and Candlestick Point  $421,100,000  
Sonoma  Sonoma County Enhance bus service frequencies in Sonoma County  Enhance transit to achieve a 50% increase in bus service countywide - this includes Sonoma County Transit, Santa Rosa CityBus, Petaluma Transit. Project also includes BRT-like facilities in Santa Rosa.  $409,000,000  
Alameda  ACTC Widen I-880 NB Impv SB for EL: SR-84 to Alcosta  In Alameda County on I-880 Northbound from SR-84 to Alcosta Blvd  $394,000,000  
Alameda  Oakland Oakland Army Base Infrastructure Improvements  In Oakland at the former Oakland Army Base  $300,580,000  
Alameda  ACTC I-880/808 Interchange HOV/HOT Widening  Project implements BRT along San Pablo Avenue in Alameda and Contra Costa counties. This includes a bus-only lane from 20th Street to Ashby Avenue in Alameda County and from Richmond Parkway Center to Central Avenue in Contra Costa County. Project also includes enhanced real-time info, queue jump lanes where bus-only lane is not proposed, new buses and on-board equipment, and passenger amenities.  $300,000,000  
AC Transit  Alameda Contra C/San Pablo Avenue BRT  Project implements BRT along San Pablo Avenue in Alameda and Contra Costa counties. This includes a bus-only lane from 20th Street to Ashby Avenue in Alameda County and from Richmond Parkway Center to Central Avenue in Contra Costa County. Project also includes enhanced real-time info, queue jump lanes where bus-only lane is not proposed, new buses and on-board equipment, and passenger amenities.  
San Francisco  SF DPW Southeast Waterfront Transportation Improvements  In San Francisco between HP Shipyard and Candlestick Pt  $268,501,153  
Santa Clara  Santa Clara Valley Implement El Camino Rapid Transit Project  Implement Rapid line S22 improvements in the El Camino Real/The Alameda corridor including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium stations, real-time information, and specialized vehicles.  $267,000,000  
Santa Clara  VTA LRT Extension to Vasona Junction and Double Track  Implement Rapid Transit improvements in the Stevens Creek corridor including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-time information, and specialized vehicles.  
Alameda  Fremont Irvington BART Station  Construct a new BART station in Irvington PDA in Fremont on Osgood Road near Washington Boulevard as called for in the 2014 Alameda County Transportation Expenditure Plan  $256,000,000  
Alameda  Santa Clara Valley Implement Stevens Creek Rapid Transit Project  Implement Rapid Transit improvements in the Stevens Creek corridor including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-time information, and specialized vehicles.  $254,000,000  
Alameda  ACTC East-West Connector in Fremont & Union City  In Fremont & Union City from I-880 to Route 238 (Mission Blvd)  $236,000,000  
San Mateo  San Mateo Coun Add new rolling stock and infrastructure to support SamTrans  This project will institute new rolling stock and infrastructure necessary to accommodate BRT along El Camino Real  $228,000,000  
Alameda  ACTC I-880 NB HOV/HOT: North of Hacienda to Hegenberger  In Alameda County on I-880 Northbound from North of Hacienda to Hegenberger  $221,000,000  
San Mateo  Caltrain Peninsula Corridor Electrification Expansion  Provide double track section on the UP RR Coast Subdivision from the Alameda County line to the vicinity of State Route 237. The improvements are expected to include double-tracking the segment running over the Alviso Wetlands.  $219,000,000  
Alameda  Caltrans/VTA US 101/SR 25 Interchange  The project consists of reconfiguring the interchange at US 101 and SR 25 just south of the City of Gilroy in Santa Clara County, connecting SR 25 and Santa Teresa Boulevard, and widening the existing freeway from 4 to 6 lanes from the Monterey Street interchange to the US 101/SR 25 interchange.  $185,000,000  
Alameda  Alamedina (City) New Alamedina Point Ferry Terminal  Provide new ferry terminal at Seaplane Lagoon  $177,000,000  
Alameda  ACTC 7th Street Grade Separation West  In Oakland within the Port  $165,000,000  
Santa Clara  VTA US 101/Zanker Road Skyport Drive-N. Fourth St. Imp  In San Jose at the Zanker Rd/Skyport Dr/Nth St Interchange  $161,000,000  
Contra Costa  CSTA I-880/808 SR 4/4C Reconstruction - Phases 1 & 2  In Contra Costa County at the I-880/408 interchange  $157,603,200  
Alameda  BART Bay Fair Connection  At and near the Bay Fair BART Station  $150,000,000  
Alameda  Alameda County I-580 Integrated Corridor Mobility (ICM)  This project implements multiple traffic operation systems and strategies that will address the challenges of traffic congestion in the corridor. The project will install new and upgrade existing corridor support elements along Interstate 580. Full ICM depends on extending North Canyons Parkway to Dublin Boulevard (RTPID 17-01-0048).  $146,000,000  
Contra Costa  CSTA SR-4 Operational Improvements - Initial Phases  In Contra Costa County on SR-4 between I-680 and Bailey Rd  $144,000,000  
San Mateo  SSF US 101/Produce Avenue New Interchange  In South San Francisco on US-101 from Utah Ave to the vicinity of Produce Ave  $136,490,000  
San Francisco  SF County TA SF Downtown Congestion Pricing  Downtown San Francisco  $126,000,000  
Sonoma  Petaluma Petaluma Crosstown Connector and Rainer Interchange  Extend Rainer Avenue from current terminus at McDowell Boulevard westerly with a bridge crossing over the railroad tracks and the Petaluma River to a terminus at Petaluma Boulevard North. A second phase of work will construct a new interchange with the 101.  $123,000,000  
San Francisco  San Francisco M.E.N. Trips: All Components  Implement streetscape improvements on Folsom Street between 5th and 11th Streets and on Howard Street between 4th and 11th Streets and on Howard Street between 4th and 11th Streets. On Folsom Street, a bi-directional cycle track, new transit bulbs and bus bulbs at intersections, and new signals would be added.  $122,000,000  
Contra Costa  CSTA Reconstruct I-80/San Pablo Dam Rd Interchange  In Contra Costa at the I-80/San Pablo Dam Rd Interchange  $118,928,000  
Santa Clara  Alum Rock/Santa Clara Street Bus Rapid Transit  Implement Rapid Transit improvements in the Santa Clara/Alum Rock route, including: dedicated guideways, signal prioritization, ticket vending machines, premium stations, real-time information, and specialized vehicles.  $115,263,000  
Santa Clara  I-280 Express Lanes: US-101 to Magdalena Avenue  Convert existing HOV lane to an express lane in both directions between US 101 and Magdalena Avenue  $113,000,000
San Francisco
SFMTA
Geneva Harvey BRT Infrastructure - Eastern Segment
Shipyard development
$98,115,000

Regional/Multi-County
WETA
SF Ferry Terminal/Berthing Facilities
San Francisco at the Ferry Terminal
$97,965,000

Santa Clara
VTA
I-280/Wolfe Road Interchange Improvement
Approaches
In Cupertino at the I-280/Wolfe Road Interchange
$97,000,000

San Mateo
Solano
Convert existing general purpose lane to an express lane in both directions between SR-237 and US-101
$91,000,000

San Mateo
Redwood City
US 101/Woodside Interchange Improvement
In Redwood City at the US101/Woodside Rd Interchange
$90,750,000

San Mateo
San Mateo
US 101/Peninsula Avenue Interchange Improvement
In San Mateo at the US-101 at Peninsula Ave and East Poplar Ave
$89,000,000

Alameda
Dublin
Dublin Blvd - North Canyons Pkwy Extension
In Alameda County, Dublin and Livermore on Dublin Boulevard north of North Canyons Parkway from Fallon Rd to Doolan Rd
$88,253,000

Alameda
Alameda County
SR-84 Widening (Ruby Hill Drive to Concord Boulevard)
The Route Expressway - South Segment involves widening a 2.4 mile section of SR 84 (Isabel Ave) from Ruby Hill Drive to Concord Boulevard to two lanes to four lanes
$88,000,000

Santa Clara
VTA
Calaveras Boulevard Widening
Improve Calaveras Boulevard overpass at UPRR tracks from Abel St to Town Center Blvd
$85,000,000

Alameda
ACTC
Oakland/Alameda Access Project
A 5 year regional/local express bus pilot to provide service to/from downtown San Francisco to/from San Francisco neighborhoods, Marin, Contra Costa, Alameda, San Mateo and Santa Clara counties to complement other freeway corridor management strategies. Some service to be funded with HOT lane revenues. See HOV/HOT freeway corridor management strategies.
$82,000,000

San Mateo
San Francisco Cr Regional/Local Express Bus to Support Express Lanes in SF
Reconstruct the US 101/Broadway interchange.
$83,000,000

Alameda
Livermore
I-580 Vasco Road Interchange Improvements
Modify I-580/Vasco Rd interchange. Widen I-580 overcrossing and add new loop ramp in southwest quadrant.
$81,000,000

San Mateo
Solano
Fairfield
Fairfield/Vacaville Intermodal Rail Station
In Solano County along the Capitol Corridor at Vanden Rd and Peabody Rd
$80,541,000

Alameda
ACTC
I-880 Whipple Rd Industrial Pkwy SW 1/C Imps
In Alameda County at the I-880/Whipple Rd Industrial Pkwy Interchange
$80,000,000

San Mateo
Caltrans
Construct auxiliary lanes (one in each direction) on U.S. 101 from Richmond to Blackhawk
$79,000,000

San Francisco
San Francisco M.Parkmerced Transportation Improvements
Implements transportation improvements for the Parkmerced development including enhanced transit service, pedestrian and bicycle facilities, intersection improvements, parking management, carshare and bikeshare stations
$76,000,000

San Mateo
SMCTA
US 101 Aux lanes from Sienna Point to SF Co. Line
In San Mateo County on US 101 from Sienna Point to SF County Line
$74,800,000

Sonoma
Santa Rosa
Farmers Lane extension between Bennett Valley Rd and Yoia Road
Conduct new road with travel lanes, bike lanes and sidewalks. Expand bike, pedestrian, transit, and vehicle improvements in Southeast Santa Rosa.
$72,000,000

San Francisco
SFMTA
Historic Streetcar Extension to Fort Mason
In San Francisco from Fisherman's Wharf to Fort Mason
$68,866,966

Alameda
Livermore
I-580 Greenville Road Interchange Improvements
Construct a new interchange at I-580/Greenville Road to replace the existing interchange. Project will include widening the undercrossing to provide six lanes, and constructing ramps to achieve a modified partial cloverleaf interchange design.
$68,000,000

Contra Costa
Concord
SR 242/Clayton Road Interchange Improvements
In Concord at the SR-242/Clayton Rd Interchange
$66,000,000

Alameda
Livermore
I-580 First Street Interchange Improvements
Reconstruct and modify the I-580/First Street interchange into partial cloverleaf design with 6-lanes on First Street over I-580.
$62,000,000

Santa Clara
San Clara Co
San Tomas Expressway Widening
Reconstruct the Ashby Avenue interchange, including construction of a new bridge to replace existing bridges, a roundabout interchange, and bicycle/pedestrian access over the I-80 freeway at the Ashby-Shellmound interchange.
$61,340,000

Santa Clara
Santa Clara Valley I-280/Saratoga Avenue Interchange Improvements
Modify I-280/Saratoga Avenue Interchange to relieve congestion and improve local circulation
$60,000,000

Alameda
Dublin
I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2
In Dublin at the I-580 and Hacienda/Fallon Rd Interchange
$58,000,000

San Mateo
Hayward
I-880/Industrial Parkway West Interchange
In Hayward at the I-880/Industrial Parkway West Interchange
$57,000,000

Solano
Fairfield
Provide auxiliary lanes on I-80 in eastbound and westbound directions
Project provides auxiliary Lanes on I-80 in the EB & WB directions from I-680 to Airbase Parkway; and removes the I-80/Auto Mall hook ramps and C-D road slip-ramp; the I-80/Auto Mall hook ramps and C-D road slip-ramp;
$57,000,000

Sonoma
Cotati
Cotati US 101/Railroad Avenue Improvements (incl. Penngrove Expressway)
Continues to be growth of Cotati and Penngrove that will ease/counter traffic both Penngrove and in downtown Cotati, as these are the only options to access US 101. Improvements would include safety improvements on Railroad Avenue from Petaluma Ave to US 101.
$56,000,000

Sonoma
Cotati
Cotati US 101/Railroad Avenue Improvements (incl. Penngrove Expressway)
This project is the creation of a new south bound off ramp and north bound on ramp on Railroad Avenue. There continues to be growth of Cotati and Penngrove that will ease/counter traffic both Penngrove and in downtown Cotati, as these are the only options to access US 101. Improvements would include safety improvements on Railroad Avenue from Petaluma Ave to US 101.
$56,000,000

Alameda
Hayward
RI 92/Cleaver/Whitesell Interchange Improvements
In Hayward at the SR-92/Cleaver/Whitesell interchange
$55,000,000

Alameda
Hayward
I-880A/Street Interchange Reconstruction
In Hayward at the I-880-A/Street Interchange
$54,000,000

Santa Clara
VTA
I-280 HOV - San Mateo County line to Magdalena Ave
In Santa Clara County on I-280 from Magdalena Ave in Los Altos Hills to the San Mateo County Line
$54,000,000

Contra Costa
Contra Costa Transbay HOV lane extension between N. Main and SR 37
In N. Main and SR 37 will shorten a gap in the HOV network which currently exists between Livorna and SR 37.
$54,000,000

Santa Clara
Santa Clara Valley I-280 Northbound Braided Ramps between Foothill Expressway and SR 85
Improve braided ramps on northbound I-280 between Foothill Expressway and Route 85.
$54,000,000

Santa Clara
VTA
SR 237 W/B Auxiliary Lane fr McCarthy to North 1st
In Santa Clara County on SR-237 between McCarthy Blvd and North First St
$52,000,000

San Francisco
San Francisco Co
San Francisco Late Night Transportation Improvements
New routes and increased frequency for all-night regional and local bus service, including Muni, AC Transit
$52,000,000

Golden Gate Transit, and SamTrans routes. This is a pilot for 5 years.
125. **Alameda**
   - Fremont: SR-84 Mowry Avenue Widening (Peralta Blvd to Mission Blvd) Widem Mowry Ave from Peralta Blvd to Mission Blvd (State Route 84) from two to four lanes and install bike lanes and sidewalks on both sides of the street.
   - *Constr.*: *Cost*: $51,000,000

126. **Alameda**
   - Dublin: Tassajara Road Widening from N. Dublin Ranch Drive to City Limit This project will widen Tassajara Road from existing 2 lanes to 4 lanes between N Dublin Ranch Drive to City Limit with C C County. It would add new bike lanes, construct/upgrade bus stops, and add missing sidewalks. ADA ramps, curb and gutter. Traffic signals will be upgraded.
   - *Constr.*: *Cost*: $48,000,000

127. **Santa Clara**
   - Santa Clara Valley I-880/Alum Rock/McKee Road Interchange Improvements Reconfigure interchange, improve access for all modes of transportation, improve traffic operations and relieve congestion at the I-880/Alum Rock and I-880/ McKee Road interchanges. Construct an Express Bus Station in the median of I-880 to connect buses using HOV or Express Lanes with Santa Clara Alum Rock BRT Station.
   - *Constr.*: *Cost*: $47,000,000

128. **Contra Costa**
   - Privately Run Ferry Service including Small- Scale (non-WETA) Implement new ferry service from Antioch, Martinez, and Hercules to San Francisco. Project cost includes landside improvements and privately run ferry service, which would be provided at a lower cost than standard WETA service. Ferry service is only included in the Plan from 2020 to 2035.
   - *Constr.*: *Cost*: $45,000,000

129. **San Francisco**
   - SF DPW: Bayview Transportation Improvements In San Francisco on various streets and roads between US-101 to the Hunters Point Shipyard.
   - *Constr.*: *Cost*: $43,139,428

130. **Alameda**
   - Livermore: I-880 SR-84/Spl/Isabella Improvement Phase 2 Complete ultimate improvements at I-880/Spl/Isabella State Route 84 interchange to provide 6 lanes over I-880 at Isabel/State Route 84 Interchange and 4 lanes over I-880 at the Portola Avenue flyover.
   - *Constr.*: *Cost*: $43,000,000

131. **San Francisco**
   - SF County TA: HOV/HOT Lanes on US-101 and I-280 in SF The project proposes to improve local road operations on Mathilda Avenue in the City of Sunnyvale from Almanor Avenue to Innovation Way, including on- and off-ramp improvements at the State Route (SR) 237/Mathilda Avenue and US 101/Mathilda Avenue interchanges.
   - *Constr.*: *Cost*: $42,900,000

132. **Santa Clara**
   - Santa Clara Valley SR 237/Mathilda Ave. and US 101/Mathilda Ave. Interchange The project proposes to improve local road operations on Mathilda Avenue in the City of Sunnyvale from Almanor Avenue to Innovation Way, including on- and off-ramp improvements at the State Route (SR) 237/Mathilda Avenue and US 101/Mathilda Avenue interchanges.
   - *Constr.*: *Cost*: $42,000,000

133. **Alameda**
   - Hayward: I-880/West Winton Avenue Interchange In Hayward at the I-880/West Winton Ave interchange.
   - *Constr.*: *Cost*: $41,000,000

134. **San Francisco**
   - SFMTA: Geneva Hamey BRT Infrastructure: Central Segment In San Francisco from Executive Park/Hamey way under US-101 to the SF/Daly City line on Geneva Avenue.
   - *Constr.*: *Cost*: $40,054,000

135. **Contra Costa**
   - CC County: Byron Highway - Vasco Road Connection In Contra Costa County between Byron Highway and Vasco Rd.
   - *Constr.*: *Cost*: $40,000,000

136. **Santa Clara**
   - *Constr.*: *Cost*: $40,000,000

137. **Santa Clara**
   - US 101 Interchanges Improvements: San Antonio Rd. to Chair Improve U.S. 101 interchanges at San Antonio Road to Charleston Road/Rengstorf Avenue including new auxiliary lane.
   - *Constr.*: *Cost*: $40,000,000

138. **San Mateo**
   - San Mateo City/C headache to access to and from the west side of Dumbarton Bridge and improve access to/from the west side of Dumbarton Bridge (Route 84 connecting to U.S. 101) per Gateway 2020 Study (Phased implementation of short projects. Environmental phase only for long term projects).
   - *Constr.*: *Cost*: $39,000,000

139. **Santa Clara**
   - Santa Clara Valley SR 85 Northbound to Eastbound SR 237 Connector Ramp and Northbound off ramp from Northbound SR 85 to SR 237 Eastbound to two lanes; construct auxiliary lane on Eastbound SR 237 between SR 85 on ramp to Middlefield Rd.; construct braid off ramp on Eastbound SR 237 between SR 85 and Dana St.
   - *Constr.*: *Cost*: $39,000,000

140. **Multi-County**
   - I-880 Express Lanes: Southbound from Marina Vista to Rudgear Rd. Convert existing and future SB HOV lane to express lane. Future SB HOV lane from North Main to Live Oak/Rudgear is in RTP21 17-02-0022 Constrict SR29 to a 6-lane Parkway with improved conditions for all travel modes from Napa Junction Road to South Kelly Road and increase capacity in SR-29 from 4 lanes to 6 lanes in unincorporated Napa County.
   - *Constr.*: *Cost*: $36,000,000

141. **Napa**
   - Napa County Tra State Route 29 Improvements Construct SR29 to a 6-lane Parkway with improved conditions for all travel modes from Napa Junction Road to South Kelly Road and increase capacity in SR-29 from 4 lanes to 6 lanes in unincorporated Napa County.
   - *Constr.*: *Cost*: $35,000,000

142. **Sonoma**
   - Santa Rosa: US 101 Hearn Ave Interchange In Santa Rosa at the US-101/Hearn Ave Overcrossing/Interchange.
   - *Constr.*: *Cost*: $34,650,000

143. **Contra Costa**
   - CC County: Vasco Road Safety Improvements In Contra Costa County on Vasco Rd from Walnut Blvd to the Alameda/Contra Costa County line.
   - *Constr.*: *Cost*: $33,093,977

144. **Napa**
   - Transportation At SR29 Gateway Napa Junction Road.
   - *Constr.*: *Cost*: $32,000,000

145. **Santa Clara**
   - VTA SR 152 New Alignment In Santa Clara and San Benito Counties on SR-152 between US-101 and SR-156.
   - *Constr.*: *Cost*: $30,000,000

146. **Marin**
   - GGBHDT Golden Gate Ferry: New Vessel One Golden Gate Bridge Highway and Transportation District Ferry Vessel
   - *Constr.*: *Cost*: $30,000,000

147. **Sonoma**
   - VTA SR 17 Corridor Congestion Relief In Los Gatos
   - *Constr.*: *Cost*: $30,000,000

148. **Alameda**
   - Fremont: Auto Mall Parkway Widening and Improvements Widen Auto Mall Parkway from four lanes to six lanes between I-880 and I-680 including intersection improvements and widening of the Auto Mall bridge over UPRR.
   - *Constr.*: *Cost*: $30,000,000

149. **San Mateo**
   - San Mateo Coun Hw operational & safety improvements in County Midcorridor Operational and safety improvements for vehicles, bicycles, and pedestrians, along the Highway 1 corridor between Half Moon Bay and Pacifica. This could include acceleration lanes, deceleration lanes, turn lanes, bike lanes, enhanced crossings, and trail network improvements.
   - *Constr.*: *Cost*: $29,000,000

150. **San Mateo**
   - San Mateo County US 101/101/South Oakland Road Interchange Improvements Convert existing HOV lane to an express lane in both directions between SR 237 and US 101.
   - *Constr.*: *Cost*: $28,000,000

151. **San Mateo**
   - San Mateo County SR 85/El Camino Real Interchange Improvements Improve SR 85 auxiliary lanes between El Camino Real and SR 237, and SR 85/El Camino Real interchange.
   - *Constr.*: *Cost*: $28,000,000

152. **San Mateo**
   - San Mateo County SR 237/El Camino Real Interchange Improvements Construct SR 237/El Camino Real interchange. Convert express HOV lane to express lane in both directions.
   - *Constr.*: *Cost*: $27,000,000

153. **Sonoma**
   - Windsor: Shiloh Road Interchange Reconstruction Reconstruct the Shiloh Road/US 101 interchange to provide two lanes in each direction. It is anticipated that the existing over crossing will be replaced and ramps constricted. It is expected that 60% of project costs will come from federal, state or regional funds.
   - *Constr.*: *Cost*: $27,000,000

154. **San Mateo**
   - Brisbane: US 101/Candies Creek I/C Reconstruction In San Mateo County at the US-101/Candies Creek Point Interchange.
   - *Constr.*: *Cost*: $25,000,000

155. **San Mateo**
   - San Jose: US 101/Oakland Road Interchange Improvements In San Jose at the US 101/Oakland Rd Interchange.
   - *Constr.*: *Cost*: $25,000,000

156. **Contra Costa**
   - Central Contra Costa SR-4/Interchange Improvements - New Eastbound Willow Sidewalk Widen Skyline Blvd. (SR 35) between I-80 and Sneath Lane. It is currently the last portion of what is otherwise a four lane roadway along Skyline Blvd. The project widens approximately 1.5 miles of the roadway into four lanes.
   - *Constr.*: *Cost*: $25,000,000
195. San Francisco SFMTA
Transit Center in Hunters Point
San Francisco at the Transit Center in Hunters Point
$22,200,000

196. San Francisco SFMTA
Oakdale-Pacific Intern High-Capacity Bus Corridor
San Francisco on the Palou Ave corridor
$22,345,000

197. Solano
STA
Jackson: Luxury Town Road Phase 1B and 1C
In Vacaville on Luxury Town Rd from Elmra Rd to Horse Creek
$21,852,842

198. Santa Clara San Jose
US 101 / Mabury New Interchange
In San Jose at the US-101/ Taylor St Overpass
$20,750,000

199. San Mateo Pacifica
Manor Drive Overcrossing and Milagra On Ramp
In Pacifica at the SR-1 and Manor Dr Interchange
$20,275,000

200. Contra Costa San Ramon
Crow Canyon Road (Alcosta to Indian Rice) Widening
In San Ramon on Crow Canyon Rd from Alcosta Blvd to Indian Rice Rd
$20,075,000

201. Contra Costa Concord
Ygnacio Valley Road Widening
In Concord on Ygnacio Valley Rd from Michigan St to Cowell Rd
$20,075,000

202. Santa Clara
US 101/ Shoreline Blvd. Interchange Improvements
Interchange improvements at Shoreline Boulevard.
$20,000,000

203. Contra Costa
Contra Costa Contra Costa
Widen Willow Pass Road, Lynwood Drive to SR 4
Widen Willow Pass Road from Lynwood Drive to State Route 4 from two lanes to four lanes and implement Complete Streets improvements
$20,000,000

204. Contra Costa Contra Costa
Contra Costa Contra Costa
Contra Costa
Widen Willow Pass Road, Lynwood Drive to SR 4
Widen Willow Pass Road from Lynwood Drive to State Route 4 from two lanes to four lanes and implement Complete Streets improvements
$20,000,000

205. Alameda
Pleasanton
I-680 Overcrossing Widening and Improvements (at Stoneridge) Widen Stoneridge Drive overcrossing at I-680 constructing third westbound lane
$19,000,000

206. Multi-County
I-80 Express Lanes: Westbound Bay Bridge Approaches
Express Lanes on the four westbound SF/SF bridge approaches: (1) I-80 direct connector from Powell Street to SF/SF metering lights (1.8 miles); (2) I-580 from I-80 junction to metering lights (1 mile); (3) I-80/805 direct connector from 14th Street to metering lights (1.5 miles); (4) West Grand Ave I-80 direct connector to metering lights (0.7 miles) - convert existing HOV lanes to express lanes
$18,000,000

207. Alameda
Pleasanton
I-680 Sunol Interchange Modification
Signalize Sunol @ I-680 interchange ramps and widen Southbound on ramp
$18,000,000

208. Santa Clara
San Jose
San Jose - Autumn Street Extension
In San Jose on Autumn St between Julian St and San Carlos St
$17,300,000

209. San Francisco
Port of SF
Mission Bay Ferry Terminal
In San Francisco at the eastern terminus of 16th St
$17,000,000

210. Contra Costa
CC County
Camino Tassajara Realignment, S of Windemere Pkwy
In Contra Costa County on Camino Tassajara between Windemere Pkwy and the Dublin city limits
$17,000,000

211. San Mateo
Brisbane
Reconstruct U.S. 101 /Sierra Point Parkway interchange (including construction of a partial interchange and provide improved access to Brisbane, Bayshore Blvd and proposed Brisbane Baylands project. Lagoon Way extension connects to the reconstructed interchange and provides improved access to Brisbane, Daly City, and the pending 600-acre Brisbane Baylands development.
$17,000,000

212. Alameda
Union City
Union City Boulevard Widening (Whipple to City Limit)
Union City Boulevard to three travel lanes in each direction from Whipple Road to the City limits with
$17,000,000

213. Alameda
MTC
Bay Bridge Park
In Oakland at the Oakland Touchdown of the new East Span of the Bay Bridge
$16,500,000

214. Contra Costa
Brentwood
Lone Tree Way Widening
Widen Lone Tree Way to 4-lanes in order to match section west of O'Hara Ave.
$16,000,000

215. Contra Costa
Pittsburg
West Leland Extension
Construct new 4-lane arterial roadway with standard class 2 bike lanes, and sidewalks from San Marco Boulevard to Willow Pass Road, with a design speed of 55 mph.  
$16,000,000

216. Santa Clara
Santa Clara Co
Montague Expwy Widening - Trade Zone-I-680
In Santa Clara County on Montague Expwy between Trade Zone and I-680
$15,540,000

217. Contra Costa
CONTRA COSTA
SR 4 Integrated Comridor Management
In Contra Costa County along SR-4 between I-80 in Hercules to the SR-4/ SR-160 Interchange in the City of Antioch
$15,000,000

218. Santa Clara
Widen Oakland Road from 4-lanes to 6-lanes between U.S. 10 Widen Oakland Rd. from 4 to 6 lanes between US 101 and Montague Expwy. Also provides median island landscaping and operational improvements in roadway corridor
$15,000,000

219. Multi-County
I-80 Express Lanes: Northbound from Marina Vista to SR 242 Express Lanes on I-80 northbound from SR-242 to Marina Vista. Convert existing HOV lane to express lanes.
$15,000,000

220. Contra Costa
Antioch
Pittsburg-Antioch Highway Widening
Widen existing 2-lane arterial roadway to 4-lane arterial with turning lanes at appropriate locations.
$15,000,000

221. Alameda
Fremont
SR-84 Peralta Boulevard Widening (Fremont Blvd to Mowry Ave)
In this project widen Peralta Blvd (State Route 84) to four lanes with continuous bike lanes and sidewalks on both sides of the road from Fremont Blvd to Mowry Ave
$15,000,000

222. Alameda
Newark
Thomson Avenue Widening (Gateway Boulevard to Hickory St)
The project will widen this undivided two-lane section of Thomson Avenue to a four-lane divided arterial street.
$15,000,000

223. Santa Clara
Santa Clara Vae ST-17/Pacifica Great America Parkway Wk Off-Ramps Improvements Modify Wk off-ramps at the SR-237/Great America Parkway interchange to improve traffic operations and relieve congestion.
$15,000,000

224. Solano
STA
Jepson: Walters Rd Ext - Peabody Rd Widening
In Solano County Walters Rd Extension and Peabody
$13,431,000

225. Contra Costa
Oakley
Widen Main St, SR 160 to Big Break Rd
Widen Main Street from Highway 160 to Big Break Road from 4 lanes to 6 lanes.
$13,000,000

226. Contra Costa
Central Contra Costa Brentwood Intermodal Transit Center

227. Regional/Multi-County WETA
Ferry Service - Berkeley
In the SF Bay Area between Berkeley and San Francisco
$10,331,346

228. Marin
Novato
Novato Boulevard Widening, Diablo to Grant Ave
In Novato on Novato Blvd between Diablo Ave and Grant Ave
$10,063,090

229. San Mateo
Millbrae
Widen Millbrae Avenue between Rollins Road and U.S. 101 south
Widen Millbrae Avenue between Rollins Road and U.S. 101 Southbound On Ramp and resurface the intersection of Millbrae Avenue and Rollins Road. This project will realign the existing unsurfaced southerly I-280 off-ramp to Ocean Avenue into a T-intersection and construct a new traffic signal on Ocean Avenue to control the off-ramp.
$11,000,000

230. San Francisco
San Francisco Cnt Balboa Park Station Area - Southbound I-280 Off-Ramp Realignment
In San Francisco the existing unsurfaced southerly I-280 off-ramp to Ocean Avenue into a T-intersection and construct a second SMART station in the City of Petaluma including associated amenities.
$11,000,000

231. Sonoma Sonoma Marin At SMART Petaluma Infll Station
Construct a second SMART station in the City of Petaluma including associated amenities.
$11,000,000

232. Contra Costa
Antioch
Laurel Road Extension
In Antioch on Laurel Rd between Kirk Ln and SR-4 Bypass
$10,950,000

233. Regional/Multi-County WETA
Ferry Service - Berkeley
In the SF Bay Area between Berkeley and San Francisco
$10,331,346

234. Marin
Novato
Novato Boulevard Widening, Diablo to Grant Ave
In Novato on Novato Blvd between Diablo Ave and Grant Ave
$10,063,090

5 of 6
Alameda  Alameda (City)  Ralph Appezzato Memorial Parkway BRT  To create BRT infrastructure between Webster Street and the Alameda Point PDA, connecting future residents and workers on the former base (as well as existing Alameda residents) to downtown Oakland and BART via Webster Street Tube.  $10,000,000

Contra Costa  Pinole  I-80 Eastbound and Westbound Pinole Valley Road On-ramp  Improve conditions for merging onto the I-80 mainline from the eastbound and westbound Pinole Valley Road on-ramps to address vehicles accelerating uphill after stopping at ramp meter.  $10,000,000

Alameda  Pleasanton  Santa Rita Road I-580 Overcrossing Widening  Widen Southbound Santa Rita Road overcrossing at I-580 constructing third southbound through lane at Pimlico Drive and second on ramp lane to I-580 eastbound.  $10,000,000

Alameda  Hayward  I-880 Auxiliary lanes at Industrial Parkway  In Hayward on I-880 from Industrial Pkwy to Alameda Creek  $9,800,000

Contra Costa  Brentwood  Brentwood Boulevard Widening - North (Phase II)  In Brentwood on Brentwood Blvd from Homecoming Way to Lone Tree Way  $9,500,000

Santa Clara  Senter Road Widening from Umbarger to Lewis  Widen Senter Road between Umbarger Rd. and Lewis Rd. from 4 to 6 lanes with improved bicycle/ped facilities and install median landscaping.  $8,400,000

Solano  Fairfield  Fairfield Transportation Center - Phase 3  In Fairfield at the Fairfield Transportation Center  $8,323,000

San Mateo  Redwood City  Redwood City Ferry Service  In the SF Bay Area between Redwood City and San Francisco  $8,000,000

San Mateo  Half Moon Bay  Widens Route 92 between SR 1 and Pillarcitos Creek alignment  Widens shoulders and travel lanes to standard widths. Straighten curves at few locations.  $8,000,000

Regional/Multi-County  Caltrans  Oakland to San Jose Double Track (Segment 2A)  Between Oakland and San Jose on the UP/RR/Niles subdivision from MP 6 to MP 35, and on the Coast subdivision MP 13 to MP 35, and on the Caltrain Right of Way MP 44 to MP 48  $7,700,000

Multi-County  SR-92 Express Lanes: Westbound from Hesperian Boulevard through San Mateo-Hayward Bridge  Express Lanes Route 92 WB in Alameda County from Hesperian Boulevard through San Mateo-Hayward Bridge  $7,000,000

Contra Costa  Orinda  Eastbound SR-24: Construct Auxiliary Lane, Wilder Road to Crockett  Construct auxiliary lane along eastbound Highway 24 from on-ramp at Wilder Road to downtown Orinda off-ramp  $7,000,000

San Francisco  San Francisco Mt T-Third Mission Bay Loop  Connect the rail turnouts from the existing tracks on Third Street at 18th and 19th Streets with additional rail and overhead contact wire system on 18th, Illinois and 19th Streets. The loop would allow trains to turn around for special events and during peak periods to accommodate additional service between Mission Bay and the Market Street Muni Metro.  $7,000,000

Contra Costa  Brentwood  Brentwood Boulevard Widening - North (Phase I)  In Brentwood on Brentwood Boulevard from Havenwood Ave to Homecoming Way  $6,700,000

Multi-County  SR-84 Express Lanes: Westbound from I-880 to Dumbarton Bridge Toll Plaza - convert existing HOV lane to express lane  $6,000,000

San Francisco  San Francisco Cr Balboa Park Station Area - Closure of Northbound I-280 On-Ramp  Closure of the northbound I-280 on-ramp from Geneva Avenue to improve safety. Closure of the ramp would initially be a pilot project, if possible, depending on the results of traffic studies.  $6,000,000

Santa Clara  Santa Clara Cour  SR 237/El Camino Real/Grant Rd. Intersection Improvements  The linked on-ramp from Ocean Avenue would remain open.  $6,000,000

Alameda  Dublin  Dublin Boulevard widening  Real for traffic accessing Dublin Gateway.  $4,330,000

Contra Costa  Oakley  Main Street Bypass  Construct Main Street Downtown Bypass road between Vintage Parkway and 2nd Street.  $4,000,000

Sonoma  Windsor  Arata Lane Interchange  Construction of the northbound on-ramp to US 101 will complete the Arata Lane interchange with US 101. This project also includes the relocation of a portion of Los Amigos Road north of Arata Lane. Rights of way have been obtained in prior phases.  $4,000,000

Sonoma  Petaluma  Road Diet Extension - Petaluma Boulevard South  Reduce Petaluma Boulevard from 4 through lanes to 2 through lanes and a two-way left-turn lane  $3,000,000

Subtotal of Other Regionally-Significant Non-Exempt Projects in MTC's RTP and TIP  $27,751,724,262

Grand Total of All Above Projects  $48,404,015,236