

Transportation Conformity Working Group

February 23, 2016

Los Angeles International Airport (LAX)

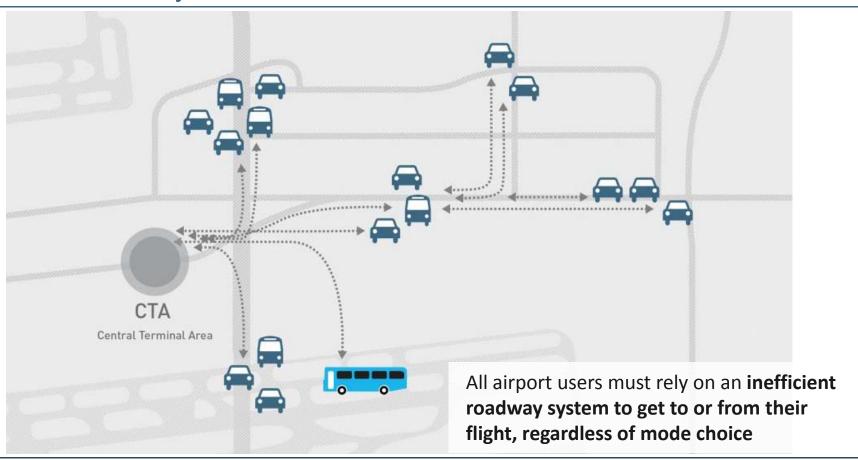




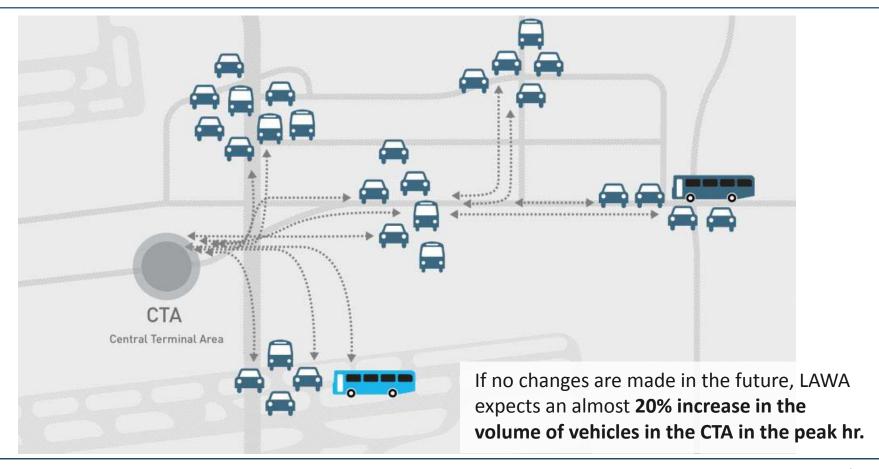


- LAX is the largest commercial service airport in southern California
- 3rd busiest airport in the United States with approximately 74.9 million passengers in 2015
- LAX is the world's busiest origin and destination airport
- Over 6,000 vehicles an hour enter LAX during peak periods

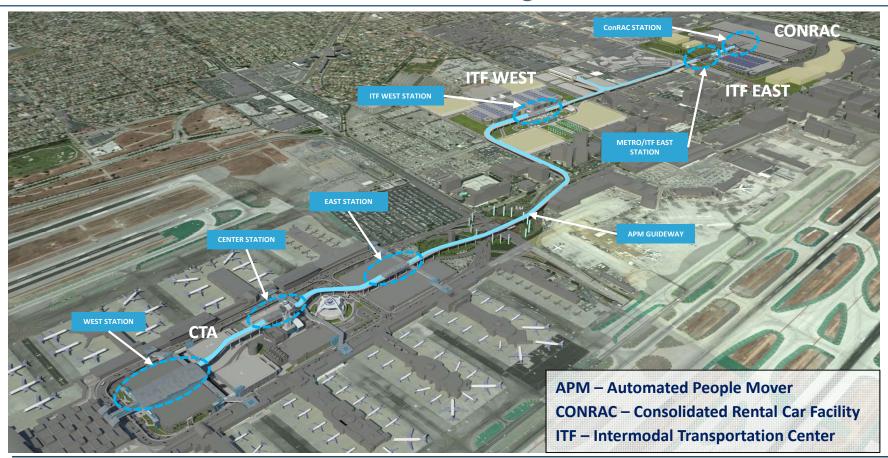
Problem Today



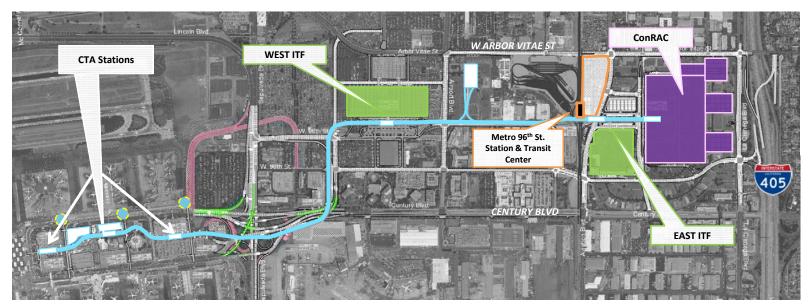
Problem in the Future



Landside Access Modernization Program

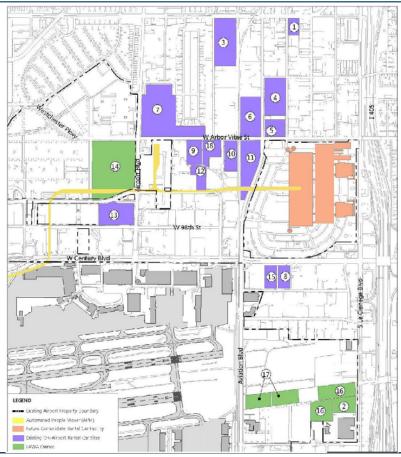


APM System Overview



Element	Description	Element	Description
Guideway	• 2-1/4 miles long	Trains	4-car trains, up to 175 feet long
	50 to 70 feet above groundWidth Varies: 35 feet wide (typ. section) & 70	Cars	• Approximately 50 passengers per car, with bags
	feet wide at stationsColumns every 100 feet (typ.)	System Operation	Up to 9 trains in simultaneous operation2 minute wait time

- Most rental car companies own their own land
- Approximately 30 agencies spread throughout the area
- Over 1 million one-way trips made annually by rental car shuttles to/from the LAX Central Terminal Area

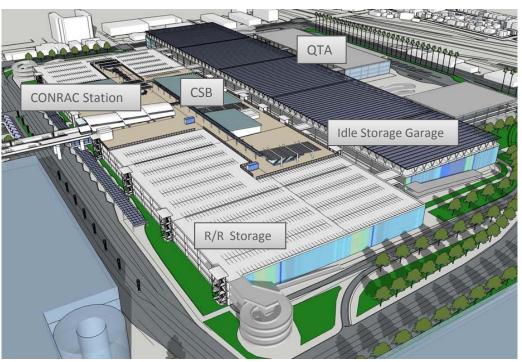


Consolidated Rental Car Facility

Consensus CONRAC Concept

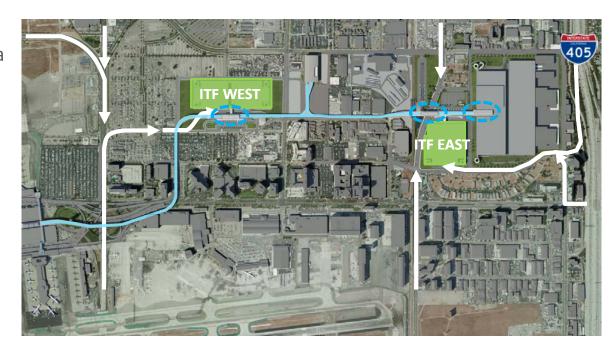
- Customer Service Building
- Ready-Return Area
- Idle Storage
- Quick-Turn-Around (QTA) and Light Maintenance





Intermodal Transportation Facility Locations

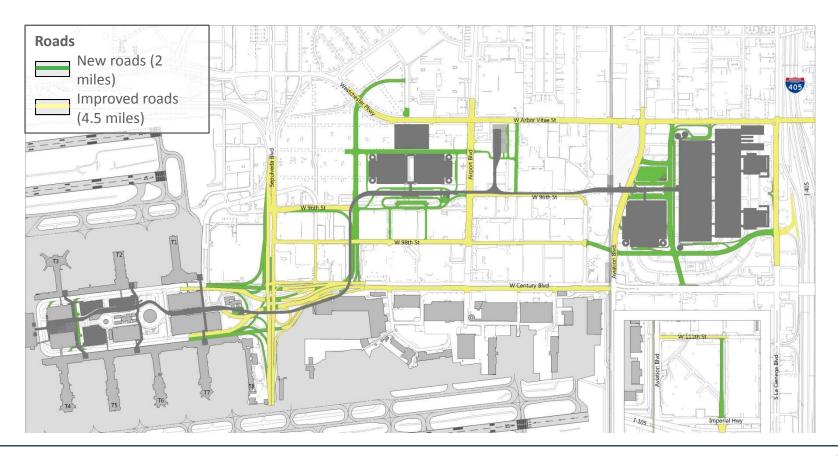
- Provide new choices for passengers to access LAX via the APM system.
- Allows LAWA to manage congestion and traffic in the CTA and the airport area.
- Each ITF designed to serve particular markets.
- Various transit options available at each ITF



- Metro has agreed to build a 96th Street Station, to provide a rail and bus link to the airport.
- LAWA has agreed to build an APM station above the planned 96th Street Metro Station to allow for quick and convenient transfers to LAX.



Transit



Conformity

- 2012-2035 Regional
 Transportation Plan/Sustainable
 Community Strategies (RTP/SCS)
 adopted in April 2012
- Contained APM, CONRAC, and ITF for Los Angeles International Airport
- FHWA/FTA found the plan to conform to the SIP



- Draft 2016-2040 RTP/SCS Plan released in December 2015
- Draft Environmental Impact Report (EIR) released for public review
- SCAG plans to adopt this Spring

TABLE 3 2040 Airport Demand Forecast Scenarios (MAP, Million Annual Passengers)

Airport	Adopted	Unconstrained	Less Regionalization	More Regionalization
Total	136.2	136.2	136.2	136.2
BUR	7.3	6.3	7.3	7.3
IPL	0.2	0.2	0.2	0.2
LAX	82.9 - 96.6	100.7	96.6	82.9
LGB	5.0	5.0	5.0	5.0
ONT	11.0 -19.0	7.2	10.1	20.0
OXR	0.2	_	0.2	0.2
PMD	0.5 - 2.5	-	0.5	2.5
PSP	3.7	3.0	3.2	3.7
RIV	0.2	-	0.2	0.2
SBD	0.2 - 1.5	-	0.2	1.5
SNA	12.5	13.8	12.5	12.5
VCV	0.2	-	0.2	0.2

System	Lead Agency	RTPID	Route #	Route Name	From	То	Description	Completion Year	Project Cost (\$1,000's)
County: Los A	ingeles								
TRANSIT	TORRANCE	LA0B203	0				PURCHASE OF SUPPORT EQUIPMENT - TIRES, FUNDS ADDED TO FY14/15 FOR A TOTAL OF \$265K, TTS WILL ALSO BE UTILZING \$53K OF TDC (TOLL CREDITS) AS MATCH IN FY14/15.	2015	\$645
TRANSIT	TORRANCE	LAOD11	0				TRANSIT - ENHANCEMENTS (STREET FURNITURE).	2014	\$1,525
TRANSIT	TORRANCE	LA0D454	0				REHAB TRANSIT ADMINISTRATIVE AND OPERATIONS OFFICES	2015	\$1,000
TRANSIT	TORRANCE	LAOD455	0				REPLACE RELIEF AND SUPERVISOR VEHICLES	2014	\$160
TRANSIT	LOS ANGELES COUNTY MTA (METRO)	1160001		SEPULVEDA PASS TRANSIT CORRIDOR	METRO ORANGE LINE VAN NUYS	METRO EXPO LINE	SEPULVEDA PASS TRANSIT CORRIDOR	2039	\$2,468,000
TRANSIT	LOS ANGELES, CITY OF	1122001			LAX CENTRAL TERMINAL AREA	MANCHESTER SQUARE, LOS ANGELES, CA (BOUNDED BY MANCHESTER BLVD, LA CIENEGA BLVD, AVIATION BLVD, AND CENTURY BLVD.)	LANDSIDE AUTOMATED PEOPLE MOVER (APM) SYSTEM: A FIXED GUIDEWAY-BASED TRANSPORTATION SYSTEM THAT MOVES PASSENGERS TO AND FROM THE CENTRAL TERMINAL AREA (CTA) TO THE LANDSIDE ACCESS FACILITIES (CONRAC AND ITFS) AND OTHER MASS TRANSPORTATION FACILITIES IN AN ABOVE-GRADE CONFIGURATION. A TOTAL OF SIX STATIONS WOULD BE LOCATED ALONG THE ALIGNMENT; PASSENGER WALKWAYS AND VERTICAL CIRCULATION CORES WOULD CONNECT THE APM STATIONS WITH THE AIRPORT TERMINALS AND LANDSIDE ACCESS FACILITIES. THE APM SYSTEM WOULD ALSO INCLUDE A MAINTENANCE FACILITY AND SEVERAL ELECTRICAL SUBSTATIONS TO PROVIDE POWER TO THE SYSTEM. CONSTRUCTION OF THE APM GUIDEWAY AND STATIONS WOULD REQUIRE THE DEMOLITION/RELOCATION OF SEVERAL ENABLING PROJECTS.	2023	\$1,705,214
OTHER	LOS ANGELES, CITY OF	1160031					EAST INTERMODAL TRANSPORTATION FACILITY: A FACILITY PROVIDING REMOTE PASSENGER PICK UP AND DROP OFF AREAS, PUBLIC PARKING, AND OTHER CONNECTIONS TO PUBLIC TRANSIT, INCLUDING THE METRO CRENSHAW/LAX LIGHT RAIL, AND OTHER COMMERCIAL VEHICLES.	2022	\$156,804

System	Lead Agency	RTPID	Route #	Route Name	From	То	Description	Completion Year	Project Cost (\$1,000's)
County: Los A	ngeles								
LOCAL HIGHWAY	SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS (SGVCOG)	1120014		FULLERTON RD (INDUSTY/ LA COUNTY)			ALAMEDA CORRIDOR-EAST GRADE SEPARATION	2019	\$143,176
LOCAL HIGHWAY	SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS (SGVCOG)	1120015		GREENWOOD AVE (MONTEBELLO)			ALAMEDA CORRIDOR-EAST GRADE SEPARATION	2020	\$69,574
LOCAL HIGHWAY	SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS (SGVCOG)	1120018		TURNBULL CYN RD (INDUSTRY/ LA COUNTY)			ALAMEDA CORRIDOR-EAST GRADE SEPARATION	2020	\$96,027
LOCAL HIGHWAY	SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS (SGVCOG)	1120021		DURFEE AVE (PICO RIVERA)			ALAMEDA CORRIDOR-EAST GRADE SEPARATION	2019	\$78,381
LOCAL HIGHWAY	SANTA CLARITA	LA0G726			SOLEDAD CANYON	LOST CANYON	VISTA CANYON PROJECT - NEW TWO LANE ROADWAY ON SAND CANYON BETWEEN SOLEDAD CANYON AND LOST CANYON ROAD.	2017	\$1,500
OTHER	LOS ANGELES, CITY OF	1122002					WEST INTERMODAL TRANSPORTATION FACILITY: A FACILITY PROVIDING REMOTE PASSENGER PICK UP AND DROP OFF AREAS, PUBLIC PARKING, AND OTHER CONNECTIONS TO PUBLIC TRANSIT AND OTHER COMMERCIAL VEHICLES (I.E. DOOR-TO-DOOR SHUTTLES AND SCHEDULED BUSES).	2022	\$267,625
OTHER	LOS ANGELES, CITY OF	1122003					CONSOLIDATED RENTAL CAR FACILITY (CONRAC): A CONSOLIDATED RENTAL CAR FACILITY TO PROVIDE A CENTRALIZED LOCATION FOR RENTAL CAR OPERATIONS AT LAX. THIS FACILITY WOULD INCLUDE A CUSTOMER SERVICE FACILITY, READY/RETURN GARAGE, RENTAL CAR STORAGE, QUICKTURNAROUND AREA, AND MAINTENANCE SUPPORT.	2023	\$772,196
OTHER	PORT OF LOS ANGELES	100707		PORTS OF LOS ANGELES/ LONG BEACH			NEW CERRITOS CHANNEL RAIL BRIDGE	2030	\$170,000

TABLE 2 Financially-Contrained RTP Projects - Continued

System	Lead Agency	RTPID	Route #	Route Name	From	То	Description	Completion Year	Project Cos (\$1,000's)
County: Los A	ingeles		-						
LOCAL HIGHWAY	LOS ANGELES, CITY OF	LAE3764	0	JENNYSTREET	WESTCHESTER PKWY	96TH STREET	ITS & INTERSECTION IMPROVEMENTS IN AND NEAR LAX AIRPORT, WHICH MAY INCLUDE RESTRIPING, SIGNAL PHASE CHANGES, AND THE ADDITION OF INTELLIGENT TRANSPORTATION SYSTEM EQUIPMENT.	2015	\$1,250
LOCAL HIGHWAY	LOS ANGELES, CITY OF	LAF1205	0	OLYMPIC BLVD.	SANTA FE AVE.	MATEO ST.	OLYMPIC BLAND MATEO STREET GOODS MOVEMENT IMP-PHASE II. IMPROVEMENT OF FREEWAY ACCESS BY WIDENING WE OLYMPIC BL BET MATEO ST & SANTA FE AV FOR A RIGHT-TURN LANE, AND NB MATEO ST BET OLYMPIC BL& PORTER ST FOR INCREASED CURB RETURN.	2016	\$4,421
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160008	0				PARKING GARAGE RECONSTRUCTION: THREE PARKING GARAGES WITHIN THE CTA, P2A, P2B AND P5, WOULD BE DEMOLISHED AND RECONSTRUCTED. UP TO 1,100 SPACES WOULD BE ADDED.	2023	\$19,600
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160009	0				NEW A'STREET: CONSTRUCT TWO NORTH-SOUTH STREET SEGMENTS BETWEEN CENTURY BOULEVARD AND WESTCHESTER PARKWAY. THE FIRST SEGMENT WOULD BE A 1,200-FOOT, SIX-LANE SEGMENT BETWEEN CENTURY BOULEVARD AND W. 96TH STREET, INCLUDING A COMBINATION OF AT-GRADE AND VIADUCT LANES TO CONNECT TO CENTURY BOULEVARD. THE SECOND SEGMENT WOULD BE A 1,600-FOOT, FOUR-LANE, STREET SEGMENT BETWEEN W. 96TH STREET AND WESTCHESTER PARKWAY, INCLUDING MEDIAN, PARKWAY AND SIDEWALKS.	2024	\$12,053
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160010	0				NEW 'B' STREET: CONSTRUCT A 1,700-F00T, FOUR- LANE, EAST-WEST STREET SEGMENT BETWEEN NEW 'A' STREET AND AIRPORT BOULEVARD, INCLUDING MEDIAN, PARKWAY AND SIDEWALKS.	2024	\$9,511
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160011	0				NEW 'C' STREET: CONSTRUCT A1,200-F00T, FOUR- LANE, NORTH-SOUTH STREET SEGMENT BETWEEN IMPERIAL HIGHWAY AND WEST 111TH STREET, INCLUDING PARKWAY AND SIDEWALKS.	2030	\$6,760

System	Lead Agency	RTPID	Route #	Route Name	From	То	Description	Completion Year	Project Cost (\$1,000's)
County: Los A	ngeles								
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160012	0				NEW 98TH STREET: CONSTRUCT TWO EAST-WEST STREET SEGMENTS TO EXTEND THE EXISTING 98TH STREET TO THE I-405 ON-AND-OFF RAMPS. THE FIRST SEGMENT WOULD BE A 400-FOOT, FOUR-LANE STREET SEGMENT BETWEEN BELLANCA AVENUE AND AVIATION BOULEVARD. THE SECOND SEGMENT WOULD BE A 3,000-FOOT, FOUR-LANE STREET SEGMENT BETWEEN AVIATION BOULEVARD AND LA CIENEGA BOULEVARD. CONSTRUCTION WOULD ALSO INCLUDE A MEDIAN, PARKWAY, AND SIDEWALKS.	2024	\$9,420
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160013	0				NEW 'CONCOURSE WAY': CONSTRUCT A 500-F00T, FOUR- LANE, NORTH-SOUTH STREET SEGMENT BETWEEN NEW 98TH STREET AND CENTURY BOULLEVARD, WHICH WILL ALIGN WITH THE ROADWAY ENTRANCE INTO THE ITF EAST/ CONRAC AT THE INTERSECTION WITH NEW 98TH STREET.	2023	\$8,148
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160014	0				SEPULVEDA BOULEVARD (SEPULVEDA TUNNEL TO W. 96TH STREET): WIDEN THE EXISTING 3,700-FOOT STREET SEGMENT BY UP TO 40 FEET TO PROVIDE UP TO FOUR LANES IN EACH DIRECTION. IMPROVEMENTS WOULD ALSO INCLUDE NEW RAMPS TO SKY WAY, TO/FROM WORLD WAY, TO/FROM CENTURY BOULEVARD, AND TO/FROM NEW 'A' STREET.	2030	\$137,700
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160015	0				AIRPORT BOULEVARD (98TH STREET TO WEST ARBOR VITAE STREET): WIDEN THE EXISTING 1,800-FOOT STREET SEGMENT BY 25 FEET TO PROVIDE UP TO THREE LANES IN EACH DIRECTION.	2024	\$13,491
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160016	0				WEST ARBOR VITAE STREET (AIRPORT BOULEVARD TO LA CIENEGA BOULEVARD): WIDEN THE EXISTING 2,000-FOOT STREET SEGMENT TO THE SOUTH BY BETWEEN 5-33 FEET TO PROVIDE UP TO THREE LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY AND SIDEWALKS.	2030	\$27,633

TABLE 2 Financially-Contrained RTP Projects - Continued

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County: Los A	ingeles						100		
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160017	0				WEST ARBOR VITAE STREET OVERCROSSING BRIDGE: WIDEN THE EXISTING 450-FOOT STREET SEGMENT BY 6 FEET ON EACH SIDE TO ACCOMMODATE THREE LANES IN THE EAST DIRECTION AND TWO LANES IN THE WEST DIRECTION.	2030	\$19,190
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160018	0				96TH STREET (AIRPORT BOULEVARD TO BELLANCA AVENUE): WIDEN AN EXISTING 350-FOOT STREET SEGMENT TO THE SOUTH BY 15 FEET. THE STREET WILL MAINTAIN ONE LANE IN EACH DIRECTION BUT WILL PROVIDE FOR STREET PARKING ON THE SOUTH SIDE OF THE STREET.	2024	\$5,973
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160019	0				98TH STREET (NEW 'A' STREET TO BELLANCA AVENUE): WIDEN THE 1,800-FOOT STREET SEGMENT BETWEEN NEW 'A' STREET AND AIRPORT BOULEVARD BY UP TO 14 FEET TO PROVIDE TWO LANES IN EACH DIRECTION. THE 1,700-FOOT STREET SEGMENT BETWEEN AIRPORT BOULEVARD AND BELLANCA AVENUE WOULD BE RESTRIPED TO PROVIDE TWO LANES IN EACH DIRECTION.	2030	\$12,286
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160020	0				CENTURY BOULEVARD (NEW 'A' STREET TO AVIATION BOULEVARD): WIDEN THE 4,000-FOOT STREET SEGMENT TO THE SOUTH BY 16 FEET TO PROVIDE FOUR LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY AND SIDEWALKS.	2030	\$18,478
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160021	0				AVIATION BOULEVARD (CENTURY BOULEVARD TO WEST ARBOR VITAE STREET): WIDEN THE 2,800-FOOT STREET SEGMENT TO THE EAST BY UP TO 20 FEET TO PROVIDE THREE LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY, AND SIDEWALKS.	2024	\$13,753
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160022	0				LA CIENEGA BOULEVARD (CENTURY BOULEVARD TO WEST ARBOR VITAE STREET): WIDEN THE 2,600-F00T STREET SEGMENT TO THE WEST BY UP TO 25 FEET TO PROVIDE UP TO THREE LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY, AND SIDEWALKS.	2024	\$13,918

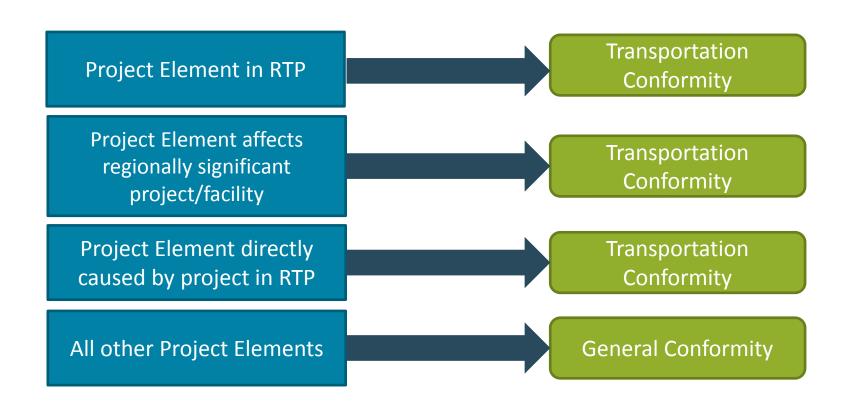
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LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160018	0				96TH STREET (AIRPORT BOULEVARD TO BELLANCA AVENUE): WIDEN AN EXISTING 350-FOOT STREET SEGMENT TO THE SOUTH BY 15 FEET. THE STREET WILL MAINTAIN ONE LANE IN EACH DIRECTION BUT WILL PROVIDE FOR STREET PARKING ON THE SOUTH SIDE OF THE STREET.	2024	\$5,973
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160019	0				98TH STREET (NEW 'A' STREET TO BELLANCA AVENUE): WIDEN THE 1,800-FOOT STREET SEGMENT BETWEEN NEW 'A' STREET AND AIRPORT BOULEVARD BY UP TO 14 FEET TO PROVIDE TWO LANES IN EACH DIRECTION. THE 1,700-FOOT STREET SEGMENT BETWEEN AIRPORT BOULEVARD AND BELLANCA AVENUE WOULD BE RESTRIPED TO PROVIDE TWO LANES IN EACH DIRECTION.	2030	\$12,286
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160020	0				CENTURY BOULEVARD (NEW 'A' STREET TO AVIATION BOULEVARD): WIDEN THE 4,000-FOOT STREET SEGMENT TO THE SOUTH BY 16 FEET TO PROVIDE FOUR LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY AND SIDEWALKS.	2030	\$18,478
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160021	0				AVIATION BOULEVARD (CENTURY BOULEVARD TO WEST ARBOR VITAE STREET): WIDEN THE 2,800-FOOT STREET SEGMENT TO THE EAST BY UP TO 20 FEET TO PROVIDE THREE LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY, AND SIDEWALKS.	2024	\$13,753
LOCAL HIGHWAY	LOS ANGELES, CITY OF	1160022	0				LA CIENEGA BOULEVARD (CENTURY BOULEVARD TO WEST ARBOR VITAE STREET): WIDEN THE 2,600-FOOT STREET SEGMENT TO THE WEST BY UP TO 25 FEET TO PROVIDE UP TO THREE LANES IN EACH DIRECTION. CONSTRUCTION WOULD INCLUDE A MEDIAN, PARKWAY, AND SIDEWALKS.	2024	\$13,918

Conformity Approach

Approach	Program Elements	Basis
Transportation conformity in partnership with FTA and FHWA (with SCAG, Metro, CalTrans support)	Elements in 2016 RTP for which Transportation Conformity is being secured: APM, ConRAC, ITF, improvements to regionally significant roads, improvements needed to implement above elements	Title 40, Part 51, §93.153(a)
General conformity for non- transportation conformity elements	Improvements with no link to multi-modal non-aviation transportation.	Title 40, Part 51, §93.153(b)

Conformity Approach

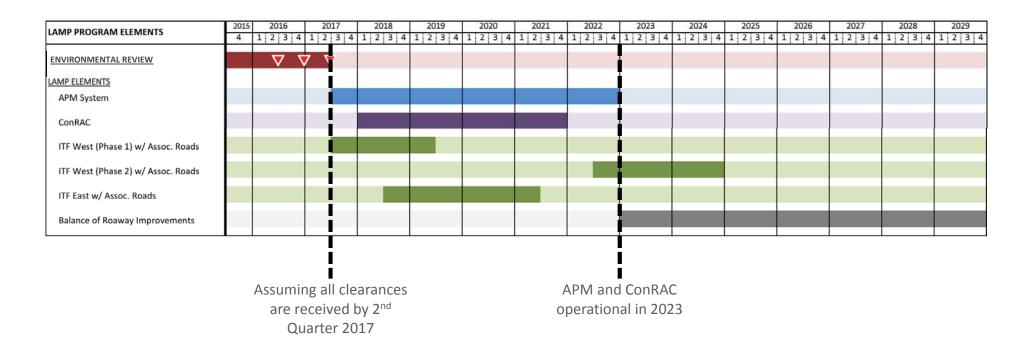


Conformity Approach

Transportation Conformity (LAWA, SCAG, FTA, FHWA (and FAA if interested))	General Conformity (FAA)	NEPA (FAA, FHWA, FTA, LAWA)
Determine Transportation Conformity/General Conformity applicability with all agencies	Determine Transportation Conformity/General Conformity applicability with all agencies	Develop air quality protocol for EA (coordinate with Transportation Conformity and General Conformity protocols)
Complete 2016 RTP and FTIP	Develop protocol for General Conformity analysis	Implement protocol with emissions and dispersion
Prepare traffic and air quality protocol for Transportation Conformity Working Group	Implement protocol	Incorporate in EA
Implement Transportation Conformity protocol – Transportation Control Measures and hotspots	Document conformity findings or determination	
Transportation Conformity Working Group process		
SCAG issues letter confirming Transportation Conformity		

Flogram bheilig (2010)

Program Timeline



Thank You!

Additional Information:

www.connectinglax.com

Phone: 800.919.3766

www.facebook.com/connectinglax

