



San Gabriel Valley Council of Governments

AGENDA AND NOTICE

OF THE MEETING OF THE SGVCOG PUBLIC WORKS

TECHNICAL ADVISORY COMMITTEE

Monday, August 21, 2017 – 12:00 PM

2016/2017 OFFICERS

Chair: Rene Guerrero

Vice Chair: David Liu

Treasurer: Chino
Consunji

Member-at-Large: Daniel
Bobadilla

Immediate Past Chair:
Phil Doudar

Voting Members:

Arcadia

Azusa

Claremont

Diamond Bar

El Monte

Irwindale

Monrovia

Pasadena

Pomona

San Dimas

West Covina

LA County DPW

Thank you for participating in today's meeting. The Public Works Technical Advisory Committee encourages public participation and invites you to share your views on agenda items.

MEETINGS: *Regular Meetings of the Public Works Technical Advisory Committee are held on the third Monday of each month at 12 PM at the Upper San Gabriel Valley Municipal Water District-602 E. Huntington Dr., Suite B, Monrovia, CA 91016.* The Public Works Technical Advisory Committee agenda packet is available at the San Gabriel Valley Council of Government's (SGVCOG) Office, 1000 South Fremont Avenue, Suite 10210, Alhambra, CA, and on the website, www.sgvkog.org. Copies are available via email upon request (sgv@sgvcog.org). Documents distributed to a majority of the Committee after the posting will be available for review in the SGVCOG office and on the SGVCOG website. Your attendance at this public meeting may result in the recording of your voice.

CITIZEN PARTICIPATION: Your participation is welcomed and invited at all Public Works Technical Advisory Committee meetings. Time is reserved at each regular meeting for those who wish to address the Board. SGVCOG requests that persons addressing the Committee refrain from making personal, slanderous, profane or disruptive remarks.

TO ADDRESS THE PUBLIC WORKS TECHNICAL ADVISORY COMMITTEE: At a regular meeting, the public may comment on any matter within the jurisdiction of the Committee during the public comment period and may also comment on any agenda item at the time it is discussed. At a special meeting, the public may only comment on items that are on the agenda. Members of the public wishing to speak are asked to complete a comment card or simply rise to be recognized when the Chair asks for public comments to speak. We ask that members of the public state their name for the record and keep their remarks brief. If several persons wish to address the Committee on a single item, the Chair may impose a time limit on individual remarks at the beginning of discussion. **The Public Works Technical Advisory Committee may not discuss or vote on items not on the agenda.**

AGENDA ITEMS: The Agenda contains the regular order of business of the Public Works Technical Advisory Committee. Items on the Agenda have generally been reviewed and investigated by the staff in advance of the meeting so that the Committee can be fully informed about a matter before making its decision.

CONSENT CALENDAR: Items listed on the Consent Calendar are considered to be routine and will be acted upon by one motion. There will be no separate discussion on these items unless a Committee member or citizen so requests. In this event, the item will be removed from the Consent Calendar and considered after the Consent Calendar. If you would like an item on the Consent Calendar discussed, simply tell Staff or a member of the Public Works Technical Advisory Committee.



In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the SGVCOG office at (626) 457-1800. Notification 48 hours prior to the meeting will enable the SGVCOG to make reasonable arrangement to ensure accessibility to this meeting.



PRELIMINARY BUSINESS

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Public Comment (*If necessary, the Chair may place reasonable time limits on all public comments*)

CONSENT CALENDAR (*It is anticipated that the Committee may take action on the following matters*)

5. Review Public Works TAC Meeting Minutes: 6/19/2017
Recommended Action: Review and approve.

PRESENTATIONS

6. [SB 1 Local Streets and Roads Funding Program](#): Presentation by Eric Wolf, SGVCOG
Recommended Action: For information
7. LA County Regional ITS Architecture Update: Presentation by Ed Alegre, Metro
Recommended Action: For information

ACTION ITEMS (*It is anticipated that the Committee may take action on the following matters*)

UPDATE ITEMS

INFORMATION ITEMS

8. ACE/COG Merger
Recommended Action: For information
9. SGVCOG General Assembly, Oct 25, 2017
Recommended Action: For information
10. September PW TAC Meeting: Tour SCE Emergency Operations Center
Recommended Action: For information

DISCUSSION ITEMS

EXECUTIVE DIRECTOR'S COMMENTS

ANNOUNCEMENTS

ADJOURN



SGVCOG Public Works TAC Meeting Minutes

Date: June 19, 2017
 Time: 12:00 P.M.
 Location: Upper San Gabriel Valley Municipal Water District
 602 E. Huntington Dr., Monrovia, CA 91016

PRELIMINARY BUSINESS

1. Call to Order. The meeting was called to order at 12:09 P.M.
2. Pledge of Allegiance. R. Guerrero led the TAC in the Pledge of Allegiance.
3. Roll Call

Public Works TAC Members Present

P. Wray, Arcadia
 D. Bobadilla, Azusa
 D. Liu, K. Young, Diamond Bar
 N. Syed, El Monte
 F. Dock, Pasadena
 R. Guerrero, Pomona
 S. Barragan, S. Garwacki, San Dimas
 C. Consunji, West Covina
 H. Hsing, P. Doudar, M. Adhami, J. Yang, Y. Sim, LACDPW

Public Works TAC Members Absent

Alhambra
 Claremont
 Duarte
 Irwindale
 Monrovia

Guests

G. Jaquez, MNS Engineers J. Martinez, NCE
 M. Jong, Metro M. Forbes, Temple City
 F. Alamohoda, LAE Associates S. Ahmad, SA Associates
 S. Abegunrin, SA Associates

SGVCOG Staff

E. Wolf
 P. Hubler

4. Public Comment.
 There were no public comments.

CONSENT CALENDAR

5. Review Joint Public Works/Planners TAC Meeting Minutes: 5/15/2017
There was a motion to approve the minutes (M/S: P. Doudar/D. Liu).

[Motion Passed]

Ayes	Arcadia, Azusa, Diamond Bar, El Monte, Pasadena, Pomona, San Dimas, West Covina, LACDPW
Noes	
Abstain	
Absent	Alhambra, Claremont, Duarte, Irwindale, Monrovia

PRESENTATIONS

- 6. SB 1: presentation by Paul Hubler, ACE
 P. Hubler, ACE, gave a presentation on the funding that will be available to cities as a result of the passage of SB 1. The new gas tax will generate a total of \$52 billion over the next ten years for road maintenance and transportation projects; \$25.8 billion of that amount is designated for local priorities. Those shares will be distributed directly to cities according to a population-based formula. Allocations will be monthly from the State Controller’s office. The California Transportation Commission will hold one guideline development workshop. Hubler recommended that the COG attend and be engaged in that process. SB 1 also includes several grant programs: California Freight Investment Program; Solutions for Congested Corridors Program; Local Partnership Program; and the Active Transportation Program; three of these programs will be accepting application at the beginning of 2018.

ACTION ITEMS

- 7. Election of Chair and Vice Chair for 2017-2018
 P. Doudar nominated Rene Guerrero for Chair and David Liu for Vice Chair. There were no other nominations.
There was a motion to accept the nominations (M/S: P. Doudar/D. Bobadilla).

[Motion Passed]

Ayes	Arcadia, Azusa, Diamond Bar, El Monte, Pasadena, Pomona, San Dimas, West Covina, LACDPW
Noes	
Abstain	
Absent	Alhambra, Claremont, Duarte, Irwindale, Monrovia

UPDATE ITEMS

INFORMATION ITEMS

DISCUSSION ITEMS

- 8. Final Measure M Guidelines
 E. Wolf reviewed the COG’s letter to Metro recommending changes to the guidelines and Metro’s response. Metro agreed to make changes along the lines of the COG recommendations.
- 9. Tour SCE Emergency Operations Center
 The TAC discussed the option of meeting at the SCE EOC sometime in the fall. The group is interested in taking this tour. Staff will work with SCE to set the tour up.

EXECUTIVE DIRECTOR’S COMMENTS

E. Wolf updated the TAC on the year-long effort to consider whether to sunset ACE at the conclusion of its grade separation mission in five-six years, or to maintain ACE and expand its jurisdiction to take on other types of projects such as Measure M and SB 1-funded transportation projects. Wolf outlined the differences between the ACE Ad Hoc Committee Report and an alternative report from the Executive Committee. The Alternate Report agrees mostly with the Ad Hoc Committee report but includes an immediate change to the organizational structure by bringing all of ACE directly under a single executive director. The Ad Hoc Committee Report recommended an incremental approach to this merger (if at all) upon review after a period of 18 months. Wolf presented the highlights of the discussion at the June 15th Governing Board meeting and laid out for the TAC the decisions that will be before the July Governing Board.

ANNOUNCEMENTS

- June 22nd: TOD Planning Grant/TIF Pilot Project Workshop
- July 17th: PW TAC meeting

The TAC discussed whether or not to meet in July and decided to go dark for the month.

ADJOURN

The meeting adjourned at 1:14 P.M.



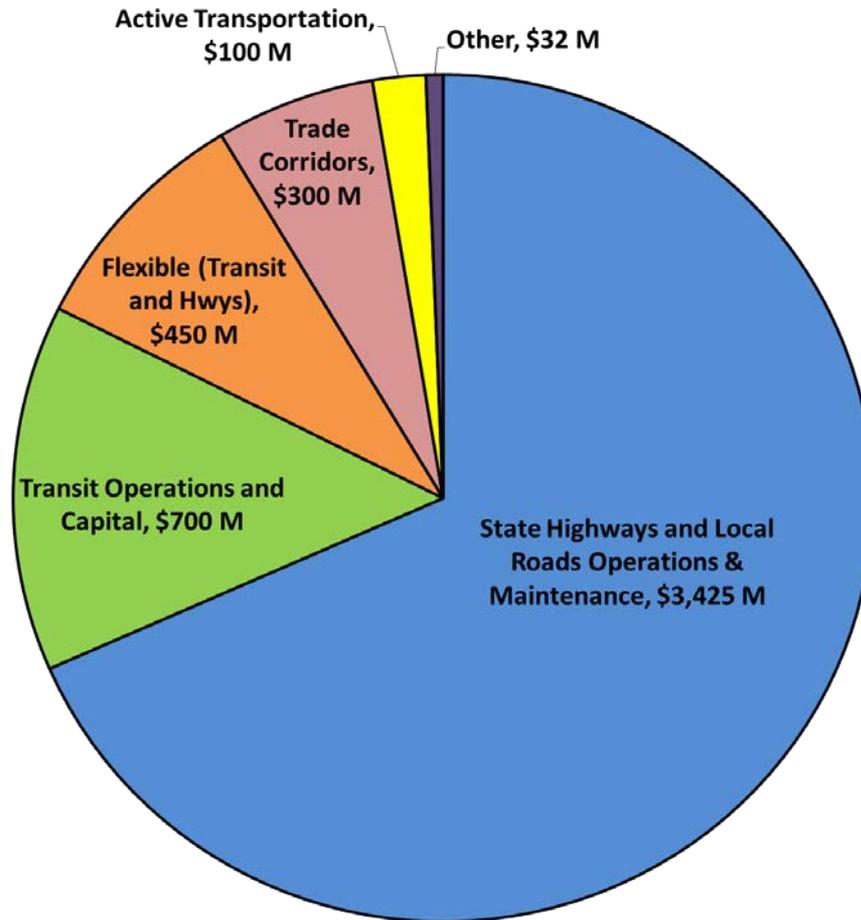
SB1: LOCAL STREETS AND ROADS PROGRAM



*Multiple slides sourced from the CTC's Local Streets and Roads Program Workshop presentation dated 7/18/17.



SB 1 ANNUAL FUNDING DISTRIBUTION



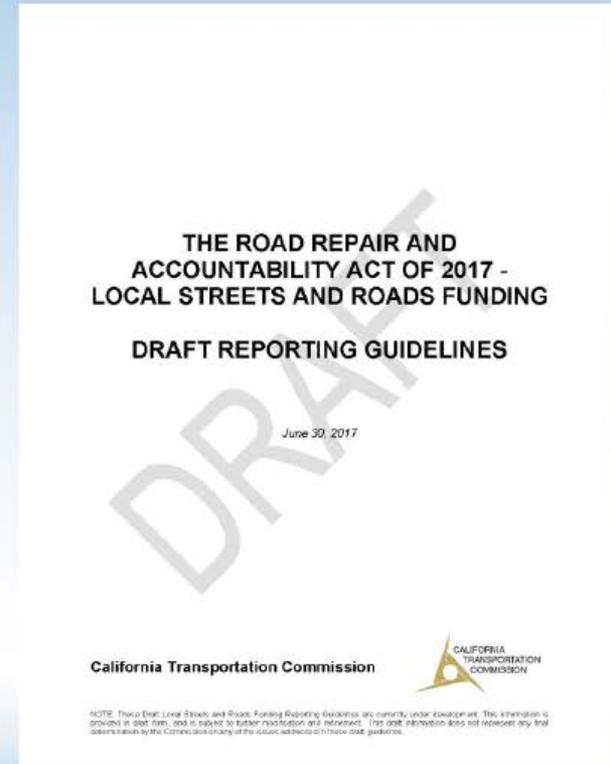
Note: Annual funding projected based on program set-aside amounts as well as anticipated revenue projections from the state.

Program Overview – Local Streets and Roads

- Provides new funding from Road Maintenance and Rehabilitation Account (RMRA) for monthly apportionment to cities and counties by the State Controller to be used for road maintenance, rehabilitation and critical safety projects.
- Requires basic annual project reporting to the Commission.

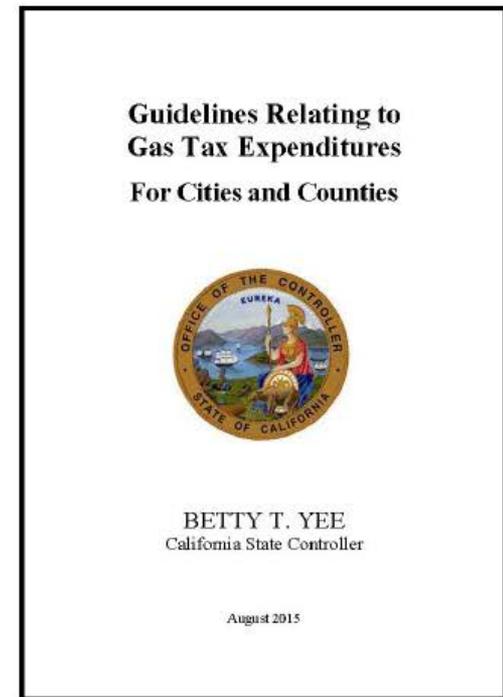
Commission's Role

- Compiling and sharing general project information
- Promoting transparency and accountability
- Reporting Guidelines



State Controller's Role

- Apportion and Audit Funds
- Maintenance of Effort
- Detailed Expenditure Reporting – Local Streets and Road Annual Report
- Guidelines for Gas Tax Expenditures (update TBD)



Program Structure

[SHC Sections 2030, 2034, 2036, 2037]



Basic Annual Project Reporting [SHC Section 2034(a) and (b)]

Cities and Counties are required to submit the following to the CTC:

Annually, prior to receiving funds, a proposed project list which contains the following:

- Proposed project description and location
- Proposed schedule for completion, may include multi-year projects
- Estimated useful life of the improvement
- Projects must be in an adopted/amended city/county budget

Annually, upon completion of the FY, a project expenditure report which contains the following:

- Completed project description and location
- Completion date
- Amount of funds expended on the project
- Estimated useful life of the improvement
- If applicable, a progress update on multi-year projects

Revised Schedule

FY 17-18	
Adoption of Final Guidelines Call for Project Lists	August 16-17, 2017
Technical Assistance and Outreach to Cities/Counties	August 18 – October 16, 2017
Project Lists due to Commission	October 16, 2017
Commission Adopts List of Eligible Cities and Counties	December 6-7, 2017
Commission Submits List to Controller	December 6-7, 2017
Controller FY 17-18 Apportionments Begin	Mid-January 2018
Completed Project Report Submitted to Commission for 2017 - 2018 Fiscal Year	October 1, 2018
Commission Posts Statewide LSR Program Accountability Information Online	December 1, 2018
FY 18-19	
Guidelines Update as Needed	TBD
Call for Project Lists	TBD*
Commission Review, Approval & Adoption of List of Eligible Cities and Counties	TBD*
Commission Submits Final List to Controller	July 1, 2018
Controller FY 18-19 Apportionments Begin	Mid-August 2018
Completed Project Report Submitted to Commission for 2018 - 2019 Fiscal Year	October 1, 2019
Commission Posts Statewide LSR Program Accountability Information Online	December 1, 2019

* Commission staff is working with city and county representatives to develop a schedule for FY 18-19 that accommodates city and county budgeting processes, statutory clarification may be needed in this area.

RESOURCES AND SUPPORT

- CTC's reporting guidelines (linked [here](#)).
- Background information on SB 1 (linked [here](#) and [here](#))
- Projected Highway User Tax Account (HUTA) Revenue share estimates
 - County projections linked [here](#)
 - City projections linked [here](#)

CONTACTS

*Comments regarding the CTC's reporting guidelines and/or outstanding questions on issues under the Controller's jurisdiction can be directed to the League and CSAC.

California State Association of Counties Contact

Kiana Valentine

Kvalentine@counties.org

California League of Cities Contact

Derek Dolfie

ddolfie@cacities.org

California Transportation Commission Contact

Laura Pennebaker

Laura.Pennebaker@dot.ca.gov



Local Streets & Roads Program



City	Revenue (10 yrs)	City	Revenue (10 yrs)	City	Revenue (10 yrs)
Alhambra	\$19.86M	Industry	\$0.10M	San Dimas	\$7.81M
Arcadia	\$13.86M	Irwindale	\$0.33M	San Gabriel	\$9.25M
Azusa	\$11.32M	La Canada	\$4.70M	San Marino	\$3.10M
Baldwin Park	\$17.25M	La Puente	\$9.27M	Sierra Madre	\$2.52M
Bradbury	\$0.26M	La Verne	\$7.60M	South El Monte	\$4.76M
Claremont	\$8.29M	Monrovia	\$8.59M	So Pasadena	\$5.96M
Covina	\$11.28M	Montebello	\$14.63M	Temple City	\$8.36M
Diamond Bar	\$13.06M	Monterey Park	\$14.04M	Walnut	\$6.90M
Duarte	\$5.07M	Pasadena	\$32.27M	West Covina	\$24.69M
El Monte	\$26.06M	Pomona	\$35.61M		
Glendora	\$11.98M	Rosemead	\$12.64M	LA County	\$173M (STIP) + \$1.405B (County Road Share)

**THE ROAD REPAIR AND
ACCOUNTABILITY ACT OF 2017**

**2017 LOCAL STREETS AND ROADS
FUNDING**

ANNUAL REPORTING GUIDELINES

August 2017

California Transportation Commission



Item 6a

Page 1 of 24

2017 LOCAL STREETS AND ROADS FUNDING ANNUAL REPORTING GUIDELINES

Adopted by the California Transportation Commission on
August_____, 2017

Pursuant to California Streets and Highways Code Section 2034

Commissioners

Bob Alvarado – Chair
Fran Inman – Vice Chair
Yvonne B. Burke
Lucetta Dunn
James Earp
James C. Ghielmetti
Carl Guardino
Christine Kehoe
James Madaffer
Joseph Tavaglione

Senator Jim Beall – Ex Officio
Assembly Member Jim Frazier– Ex Officio

Susan Bransen – Executive Director

**CALIFORNIA TRANSPORTATION COMMISSION
THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017**

ANNUAL REPORTING GUIDELINES FOR LOCAL STREETS AND ROADS FUNDING

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I. Introduction

1. Background and Purpose of Reporting Guidelines

On April 28, 2017 the Governor signed Senate Bill (SB) 1 (Beall, Chapter 5, Statutes of 2017), which is known as the Road Repair and Accountability Act of 2017. To address basic road maintenance, rehabilitation and critical safety needs on both the state highway and local streets and road system, SB 1: increases per gallon fuel excise taxes; increases diesel fuel sales taxes and vehicle registration fees; and provides for inflationary adjustments to tax rates in future years.

Beginning November 1, 2017, the State Controller (Controller) will deposit various portions of this new funding into the newly created Road Maintenance and Rehabilitation Account (RMRA). A percentage of this new RMRA funding will be apportioned by formula to eligible cities and counties pursuant to Streets and Highways Code (SHC) Section 2032(h) for basic road maintenance, rehabilitation, and critical safety projects on the local streets and roads system. For a detailed breakdown of RMRA funding sources and the disbursement of funding please see Sections 5 and 6 of these guidelines.

SB 1 emphasizes the importance of accountability and transparency in the delivery of California's transportation programs. Therefore, in order to be eligible for RMRA funding, statute requires cities and counties to provide basic annual RMRA project reporting to the California Transportation Commission (Commission).

These guidelines describe the general policies and procedures for carrying out the annual RMRA project reporting requirements for cities and counties and other statutory objectives as outlined in Section 2 below. The guidelines were developed in consultation with state, regional, and local government entities and other transportation stakeholders.

The Commission may amend these guidelines after first giving notice of the proposed amendments. In order to provide clear and timely guidance, it is the Commission's policy that a reasonable effort be made to amend the guidelines prior to the due date for project lists or the Commission may extend the deadline for project list submission in order to facilitate compliance with the amended guidelines.

2. Program Objectives and Statutory Requirements

Streets and Highways Code (SHC) Section 2032.5(a) articulates the general intent of the legislation that recipients of RMRA funding be held accountable for the efficient investment of public funds to maintain local streets and roads and are accountable to the people through performance goals that are tracked and reported.

Pursuant to SHC Section 2030(a), the objective of the Local Streets and Roads Program is to address deferred maintenance on the local streets and roads system through the prioritization and delivery of basic road maintenance and rehabilitation projects as well as critical safety projects.

Cities and counties receiving RMRA funds must comply with all relevant federal and state laws, regulations, policies, and procedures. The main requirements for the program are codified in SHC Sections 2034, 2036, 2037, and 2038 and include the following:

- Prior to receiving an apportionment of RMRA funds from the Controller in a fiscal year, a city or county must submit to the Commission a list of projects proposed to be funded with these funds. All projects proposed to receive funding must be included in a city or county budget that is adopted by the applicable city council or county board of supervisors at a regular public meeting [SHC 2034(a)(1)].
- The list of projects must include a description and the location of each proposed project, a proposed schedule for the project's completion, and the estimated useful life of the improvement [SHC 2034(a)(1)]. Further guidance regarding the scope, content, and submittal process for project lists prepared by cities and counties is provided in Sections 9-10.
- The project list does not limit the flexibility of an eligible city or county to fund projects in accordance with local needs and priorities so long as the projects are consistent with RMRA priorities as outlined in SHC 2030(b) [SHC 2034(a)(1)].
- The Commission will report to the Controller the cities and counties that have submitted a list of projects as described in SHC 2034(a)(1) and that are therefore eligible to receive an apportionment of RMRA funds for the applicable fiscal year [SHC 2034(a)(2)].
- The Controller, upon receipt of the report from the Commission, shall apportion RMRA funds to eligible cities and counties pursuant to SHC 2032(h) [SHC 2034(a)(2)].
- For each fiscal year in which RMRA funds are received and expended, cities and counties must submit documentation to the Commission that includes a description and location of each completed project, the amount of funds expended on the project, the completion date, and the estimated useful life of the improvement [SHC 2034(b)]. Further guidance regarding the scope, content, and submittal process for program expenditure reports is provided in Sections 12-13.
- A city or county receiving an apportionment of RMRA funds is required to sustain a maintenance of effort (MOE) by spending at least the annual average of its general fund expenditures during the 2009–10, 2010–11, and 2011–12 fiscal years for street, road, and highway purposes from the city's or county's general fund [SHC 2036]. Monitoring and enforcement of the maintenance of effort requirement for RMRA funds will be carried out by the Controller and is addressed in more detail in Section 15.
- A city or county may spend its apportionment of RMRA funds on transportation priorities other than priorities outlined in SHC 2030(b) if the city or county's average Pavement Condition Index (PCI) meets or exceeds 80 [SHC 2037].
- By July 1, 2023, cities and counties receiving RMRA funds must follow guidelines developed by the California Workforce Development Board (Board) that address participation and investment in, or partnership with, new or existing pre-apprenticeship training programs [SHC 2038]. Further information regarding the forthcoming Board Guidelines and future Board-sponsored grant opportunities is available in Section 16.

3. Program Roles and Responsibilities

Below is a general outline of the roles and responsibilities of recipient cities/counties, the Commission, the Controller, and the California Workforce Development Board, in carrying out the program's statutory requirements, as well as activities the Commission will undertake to meet the legislative intent of SB 1:

Recipient Cities/Counties:

- Develop and submit a list of projects to the Commission each fiscal year.
- Develop and submit a project expenditure report to the Commission each fiscal year.
- Comply with all requirements including reporting requirements for RMRA funding.

Commission:

- Provide technical assistance to cities and counties in the preparation of project lists and reports.
- Receive project lists from cities and counties each fiscal year.
- Provide a comprehensive list to the Controller each fiscal year of cities and counties eligible to receive RMRA apportionments.
- Receive program expenditure reports from cities and counties each fiscal year and provide aggregated statewide information regarding use of RMRA funds to the Legislature and the public (e.g. the Commission's Annual Report to the Legislature and a SB 1 Accountability Website).

Controller:

- Receive list of cities and counties eligible for RMRA apportionments each fiscal year from the Commission.
- Apportion RMRA funds to cities and counties.
- Oversee Maintenance of Effort and other requirements for RMRA funds including reporting required pursuant to SHC 2151.

California Workforce Development Board:

- Pursuant to SHC 2038, establish a pre-apprenticeship development and training grant program beginning January 1, 2019 that local public agencies receiving RMRA funds are eligible to apply for or partner with other entities to apply for.
- Pursuant to SHC 2038, develop guidelines for public agencies receiving RMRA funds to participate, invest in, or partner with, new or existing pre-apprenticeship training programs. Local public agencies receiving RMRA funds must follow the guidelines by no later than July 1, 2023.

4. Program Schedule

The following schedule lists the major milestones for the development of the 2017 Local Streets and Roads Funding Annual Reporting Guidelines, initial submittal of project lists, and transmittal of eligibility list to the Controller. See Appendix C for a more detailed program schedule.

Draft Guidelines Circulated for Public Review	June 19 – July 10, 2017
Commission Adoption of Guidelines	August 16-17, 2017
Technical Assistance and Outreach to Cities/Counties	August 18 – October 16, 2017
Project Lists due to Commission	October 16 , 2017
Commission Adopts List of Eligible Cities and Counties	December 6-7 , 2017
Commission Submits List to Controller	December 6-7, 2017
Controller FY 17-18 Apportionments Begin	Mid-January 2018

II. Funding

5. Source

The State of California imposes per-gallon excise taxes on gasoline and diesel fuel, sales taxes on diesel fuel, and registration taxes on motor vehicles and dedicates these revenues to transportation purposes. Portions of these revenues flow to cities and counties through the Highway Users Tax Account (HUTA) and the newly established RMRA created by SB 1.

The Local Streets and Roads Funding Program administered by the Commission in partnership with the Controller is supported by RMRA funding which includes portions of revenues pursuant to SHC 2031 from the following sources:

- An additional 12 cent per gallon increase to the gasoline excise tax effective November 1, 2017.
- An additional 20 cent per gallon increase to the diesel fuel excise tax effective November 1, 2017.
- An additional vehicle registration tax called the “Transportation Improvement Fee” with rates based on the value of the motor vehicle effective January 1, 2018.
- An additional \$100 vehicle registration tax on zero emissions (ZEV) vehicles of model year 2020 or later effective July 1, 2020.
- Annual rate increases to these taxes beginning on July 1, 2020 (July 1, 2021 for the ZEV fee) and every July 1st thereafter equal to the change in the California Consumer Price Index (CPI).

SHC 2032(h)(2) specifies that 50 percent of the balance of revenues deposited into the RMRA, after certain funding is set aside for various programs, will be continuously appropriated for apportionment to cities and counties by the Controller pursuant to the formula in SHC Section 2103(a)(3)(C)(i) and (ii).

6. Estimation and Disbursement of Funds

While neither, the Commission nor the State Controller's Office prepare formal estimates of RMRA funds, the Department of Finance (DOF) estimates the total amount of funding that will be deposited into the RMRA annually. The California State Association of Counties and the League of California Cities use this information from DOF to develop city and county level estimates of RMRA funds which are available here:

California State Association of Counties

<http://www.counties.org/sb-1-road-repair-and-accountability-act-2017>

League of California Cities

<http://www.californiacityfinance.com/>

Each fiscal year, upon receipt of a list of cities and counties that are eligible to receive an apportionment of RMRA funds pursuant to SHC 2032(h)(2) from the Commission, the Controller is required to apportion RMRA funds to eligible cities and counties consistent with the formula outlined in SHC Section 2103(a)(3)(C)(i) and (ii). It is expected that the Controller will continuously apportion RMRA funds on a monthly basis to eligible cities and counties using a process and system similar to that of HUTA apportionments. RMRA funding is continuously apportioned and is not provided on a reimbursement basis.

The Commission does not approve project lists and provide authorization to proceed with RMRA funded projects. The Commission receives project lists, determines they are complete and meet basic statutory requirements outlined in SHC 2034 and then approves and submits a statewide list to the Controller of cities and counties that are eligible to begin receiving monthly RMRA funding apportionments.

III. Eligibility and Program Priorities

7. Eligible Recipients

Eligible recipients of RMRA funding apportionments include cities and counties that have prepared and submitted a project list to the Commission pursuant to SHC Section 2034(a)(1) and that have been included in a list of eligible entities submitted by the Commission to the Controller pursuant to SHC Section 2034(a)(2).

Recipients of RMRA apportionments must comply with all relevant federal and state laws, regulations, policies, and procedures.

8. Program Priorities and Example Projects

Pursuant to SHC Section 2030(a), RMRA funds made available for the Local Streets and Roads Funding Program shall be prioritized for expenditure on basic road maintenance and rehabilitation projects, and on critical safety projects.

SHC Section 2030(b)(1) provides a number of example projects and uses for RMRA funding that include, but are not limited to, the following:

- Road Maintenance and Rehabilitation
- Safety Projects

- Railroad Grade Separations
- Complete Streets Components (including active transportation purposes, pedestrian and bicycle safety projects, transit facilities, and drainage and stormwater capture projects in conjunction with any other allowable project)
- Traffic Control Devices

SHC Section 2030(b)(2) states that funds made available by the program may also be used to satisfy a match requirement in order to obtain state or federal funds for projects authorized by this subdivision.

SHC Section 2030(c)-(f) specifies additional project elements that will be incorporated into RMRA-funded projects by cities and counties to the extent possible and cost effective, and where feasible (as deemed by cities and counties). These elements are:

- Technologies and material recycling techniques that lower greenhouse gas emissions and reduce the cost of maintaining local streets and roads through material choice and construction method.
- Systems and components in transportation infrastructure that recognize and accommodate technologies including but not limited to ZEV fueling or charging and infrastructure-vehicles communications for transitional or fully autonomous vehicles.
- Project features to better adapt the transportation asset to withstand the negative effects of climate change and promote resiliency to impacts such as fires, floods, and sea level rise (where appropriate given a project's scope and risk level for asset damage due to climate change).
- Complete Streets Elements (such as project features that improve the quality of bicycle and pedestrian facilities and that improve safety for all users of transportation facilities) are expected to be incorporated into RMRA funded projects to the extent (as deemed by cities and counties) beneficial, cost-effective, and practicable in the context of facility type, right-of-way, project scope, and quality of nearby facilities.

Pursuant to SHC Section 2037, a city or county may spend its apportionment of RMRA funds on transportation priorities other than those outlined in SHC Section 2030 if the city's or county's average Pavement Condition Index (PCI) meets or exceeds 80.

IV. Project List Submittal

9. Content and Format of Project List

Pursuant to SHC Section 2034(a)(1), prior to receiving an apportionment of RMRA funds from the State Controller in a fiscal year, a city or county must submit to the Commission a list of projects proposed to be funded with these funds pursuant to an adopted city or county budget, which may include pertinent budget amendments.

Listed below are the specific statutory criteria for the content of the project list along with additional guidance provided to help ensure a consistent statewide format and to facilitate accountability and transparency within the Local Streets and Roads Program.

a.) Included in an Adopted Budget

All proposed projects must be included in a city or county budget that is adopted by the applicable city council or county board of supervisors at a regular public meeting.

To ensure transparency and to meet the intent of SHC Section 2034(a)(1) “included in a city or county budget” can mean either of the following:

- a.) A specific list of projects proposed for RMRA funding adopted as part of the city/county’s regular operating or capital improvement budget, at a regular public meeting; or
- b.) A specific list of projects proposed for RMRA funding amended into the city/county’s regular operating or capital improvement budget, at a regular public meeting.

Documentation of Inclusion in an Adopted Budget

A city or county must provide a public record which illustrates that projects proposed for RMRA funding through the Local Streets and Roads Program have been included in an adopted city or county operating budget. Examples of an acceptable public record include:

- a.) An excerpt from the city/county’s regular operating or capital improvement budget including the relevant list of projects and an adopting resolution;
- b.) An excerpt from the city/county’s regular operating or capital improvement budget including the relevant list of projects and meeting minutes documenting approval at a regular public meeting.
- c.) An excerpt from the city/county’s amended operating or capital improvement budget including the relevant list of projects, or the staff report specifying the projects to be included, as well as an adopting resolution or meeting minutes documenting approval at a regular public meeting.

Submittal of electronic copies of the relevant excerpts from an operating budget (or amendment) and support documentation (i.e. resolution or minutes) is encouraged. Support documentation requirements are further discussed in Appendix A.

b.) List of Projects – Content

Pursuant to SHC 2034(a)(1), the project list must include a description and the location of each proposed project, a proposed schedule for each project’s completion, and the estimated useful life of the improvement. The project list is intended to cover, at a minimum, the applicable fiscal year. Cities and counties may include project information for future fiscal years but are expected to update the project list as needed every fiscal year prior to submittal to the Commission.

Development and Content

The Commission recognizes the inherent diversity of road maintenance and rehabilitation needs among the approximately 540 jurisdictions across the state that may utilize Local Streets and Roads Program funding.

Given the emphasis SB 1 places on accountability and transparency in delivering California’s transportation programs, cities and counties are encouraged to clearly articulate how these funds are being utilized through the development of a robust project list.

To promote statewide consistency in the content and format of project information submitted to the Commission, and to facilitate transparency within the Local Streets and Roads Funding Program, the following guidance is provided regarding the key components of the project list. Please note that project lists included in a city or county budget should, at a minimum, include the elements mandated by statute: description, location, schedule for completion and useful life elements. Cities and counties should include more detailed project information as described below in the project list submitted to the Commission.

For further assistance, Appendix A has been developed to outline project list content and format.

Project Description

The list must include a project description for each proposed project. The city/county is encouraged to provide a brief non-technical description (up to 5 sentences) written so that the main objectives of the project can be clearly and easily understood by the public.

The level of detail provided will vary depending upon the nature of the project; however, it is highly encouraged that the project description contain a minimum level of detail needed for the public to understand what is being done and why it is a critical or high-priority need.

Project Location

The list must include a project location for each proposed project. The city/county is encouraged to provide project location information that, at a minimum, would allow the public to clearly understand where within the community the project is being undertaken. For example, providing specific street names where improvements are being undertaken and specifying project termini when possible are preferable to more general information such as “various” or “south-west side of city/county”. If project-specific geolocation data is available, it is highly encouraged to be included in the project list submitted to the Commission.

Proposed Schedule for Completion

The list must include a completion schedule for each proposed project. The city/county is encouraged to provide a high-level timeline that provides a clear picture to the public of when a project is reasonably expected to be completed. The proposed schedule for completion should clearly articulate if a project will take multiple years to complete.

Estimated Useful Life

The list must include an estimated useful life for each proposed project. The city/county is encouraged to provide information regarding the estimated useful life of the project that is clear, understandable, and based on industry-standards for the project materials and design, where applicable.

Technology, Climate Change, and Complete Streets Considerations

SHC Section 2030(c)-(f) specifies additional project elements that will be incorporated into RMRA-funded projects by cities and counties to the extent possible and cost effective, and where feasible. These elements are:

- Technologies and material recycling techniques that lower greenhouse gas emissions and reduce the cost of maintaining local streets and roads through material choice and construction method.

- Systems and components in transportation infrastructure that recognize and accommodate technologies including but not limited to ZEV fueling or charging and infrastructure-vehicles communications for transitional or fully autonomous vehicles.
- Project features to better adapt the transportation asset to withstand the negative effects of climate change and promote resiliency to impacts such as fires, floods, and sea level rise (where appropriate given a project's scope and risk level for asset damage due to climate change).
- Complete Streets Elements (such as project features that improve the quality of bicycle and pedestrian facilities and that improve safety for all users of transportation facilities) are expected to be incorporated into RMRA funded projects to the extent (as deemed by cities and counties) beneficial, cost-effective, and practicable in the context of facility type, right-of-way, project scope, and quality of nearby facilities.

Cities and counties are encouraged to consider all of the above for implementation, to the extent possible, cost-effective, and feasible, in the design and development of projects for RMRA funding.

To meet the intent of SHC 2032.5(a) as outlined in Section 2 of these Guidelines, in addition to the statutory requirements outlined in Section 10, the standard forms developed by the Commission will allow cities and counties to report on the inclusion of these elements.

Other Statutory Considerations for Project Lists

Pursuant to SHC Section 2034(a)(1), the project list shall not limit the flexibility of an eligible city or county to fund projects in accordance with local needs and priorities, so long as the projects are consistent with SHC Section 2030(b). After submittal of the project list to the Commission, in the event a city or county elects to make changes to the project list pursuant to the statutory provision noted above, formal notification of the Commission is not required. However, standard reporting forms will provide an opportunity for jurisdictions to annually communicate such changes to the Commission as part of the regular reporting process.

Pursuant to SHC Section 2037, a city or county may spend its apportionment of RMRA funds on transportation priorities other than those outlined in SHC 2030(b) if the city or county's average Pavement Condition Index (PCI) meets or exceeds 80. This provision however, does not eliminate the requirement for cities and counties to prepare and submit a list of projects or the requirement to consider technology, climate change, and complete streets elements to the extent possible, cost-effective and feasible, in the design and development of projects for RMRA funding.

In the event a city or county will spend its apportionment of RMRA funds on transportation priorities other than those outlined in Section 8 of these guidelines and pursuant to SHC 2037, cities and counties are encouraged to work with its respective Regional Transportation Planning Agency or Metropolitan Planning Organization to ensure that projects are included in the applicable Regional Transportation Plan.

c.) List of Projects – Standard Format

Please note that project lists included in a city or county budget should, at a minimum, include the elements mandated by statute: description, location, schedule for completion and useful life elements. Cities and counties should include more detailed project information in the project list submitted to the Commission.

To promote statewide consistency of project information submitted to the Commission, a standard project list format is under development and is further explained in Appendix A.

For the initial submittal of project lists in 2017, cities and counties are required to use the standard form available. The form will be provided by the Commission to cities and counties at the earliest opportunity after adoption of the guidelines.

The Commission intends to make available an online platform so that cities and counties can quickly and easily enter project list information and upload support documentation online.

10. Process and Schedule for Project List Submittal

A city or county must submit a project list and support documentation by **October 16, 2017** to the Commission. All materials should be provided electronically to: ctc@dot.ca.gov. In the event a jurisdiction wishes to submit a hard copy please contact the program manager at:

Eric Thronson, Deputy Director
California Transportation Commission
Eric.Thronson@dot.ca.gov
(916) 654-7179

11. Commission Submittal of Eligible Entities to the State Controller's Office

Pursuant to SHC Section 2034(a), a city or county must submit a project list to the Commission to be eligible for the receipt of RMRA funds, and the Commission must report to the Controller the jurisdictions that are eligible to receive funding. Upon receipt of project lists and support documentation, Commission staff will review submittals to ensure they are complete. Once a project list submittal has been received and deemed complete by staff, the city or county will be added to a list of jurisdictions eligible to receive RMRA funding for that fiscal year as required by SHC Section 2034(a)(2). All project lists and support documentation submitted by cities and counties will be posted to the Commission's website.

The list of eligible cities and counties will be brought forward for Commission consideration at a regularly scheduled meeting where staff will request Commission direction to transmit the list to the Controller. Upon direction of the Commission, staff will transmit the list to the Controller pursuant to SHC Section 2034(a)(2) and the cities and counties included on the list will be deemed eligible to receive RMRA apportionments for that fiscal year pursuant to SHC Section 2034 (a)(1). Upon receipt of the list from the Commission, the Controller is expected to apportion funds to the cities and counties included on the list pursuant to SHC Sections 2034(a)(2) and 2032(h). In the event a city or county does not provide a complete project list and support documentation for Commission consideration and eligibility designation pursuant to deadlines established by these guidelines, cities and counties are expected to work cooperatively with Commission staff to provide any missing information as soon as possible. Once completed information is provided, Commission action to establish eligibility will be taken at the next earliest opportunity.

V. Project Expenditure Reporting and Auditing

12. Scope of Completed and In-Progress Project Expenditure Report

Pursuant to SHC Section 2034(b), for each fiscal year in which an apportionment of RMRA funds is received and upon expenditure of funds, cities and counties must submit documentation to the Commission pertaining to the expenditure of those funds that includes: a description and location of each completed project, the amount of funds expended on the project, the completion date, and the estimated useful life of the improvement. The project expenditure reporting process will also provide an opportunity for cities and counties to report on the progress and expenditures associated with multi-year projects that are not yet complete.

Listed below are the specific statutory criteria for the content of the completed project expenditure report along with additional guidance provided to help ensure a consistent statewide format and to facilitate accountability and transparency within the Local Streets and Roads Program.

a.) Completed and In-Progress Project Expenditure Report – Content

Development and Content

Given the emphasis SB 1 places on accountability and transparency in delivering California's transportation programs, it is vitally important that cities and counties clearly articulate the public benefit of these funds through the development of a robust project expenditure report.

To promote statewide consistency in the content and format of project expenditure information submitted and to facilitate transparency and robust reporting within the Local Streets and Roads Funding Program, the following guidance is provided regarding the key components of the completed project expenditure report. Additionally, Appendix B has been developed to provide an example of project expenditure report content and format.

The project expenditure report must cover the full fiscal year and include projects that have completed construction and are fully operational. The standard form will also provide an opportunity for cities and counties to report on the progress and expenditures associated with multi-year projects that are not yet complete.

Project Description

The report must include a project description for each completed and in-progress project. The city/county is encouraged to provide a brief non-technical description (up to 5 sentences) written so that the main objectives of the project can be clearly and easily understood by the public.

The level of detail provided will vary depending upon the nature of the project; however, it is highly encouraged that the project description contain a minimum level of detail needed for the public to understand exactly what work was completed or will be completed in the future.

Project Location

The report must include a project location for each completed and in-progress project. The city/county is required to provide project location information that, at a minimum, would allow the public to clearly understand where within the community the project was or will be constructed. For example, specific street names where improvements were undertaken

and project termini should be specified. If project-specific geolocation data is available, it is highly encouraged to be included.

The Amount of Funds Expended and the Project Completion Date

The report must include the amount of RMRA funds expended on the project and its date of completion or expected date of completion. For the purposes of the project expenditure report, a project is considered complete when it is operational/open to traffic. Construction contract close-out is not required to be complete.

Estimated Useful Life

The report must include an estimated useful life for each proposed project. The city/county is encouraged to provide information regarding the estimated useful life of the project that is clear, understandable, and based on industry-standards for the project materials and design, where applicable.

Technology, Climate Change, and Complete Streets Considerations

SHC Section 2030(c)-(f) specifies additional project elements that will be incorporated into RMRA-funded projects by cities and counties to the extent possible and cost effective, and where feasible. These elements are:

- Technologies and material recycling techniques that lower greenhouse gas emissions and reduce the cost of maintaining local streets and roads through material choice and construction method.
- Systems and components in transportation infrastructure that recognize and accommodate technologies including but not limited to ZEV fueling or charging and infrastructure-vehicles communications for transitional or fully autonomous vehicles.
- Project features to better adapt the transportation asset to withstand the negative effects of climate change and promote resiliency to impacts such as fires, floods, and sea level rise (where appropriate given a project's scope and risk level for asset damage due to climate change).
- Complete Streets Elements (such as project features that improve the quality of bicycle and pedestrian facilities and that improve safety for all users of transportation facilities) are expected to be incorporated into RMRA funded projects to the extent (as deemed by cities and counties) beneficial, cost-effective, and practicable in the context of facility type, right-of-way, project scope, and quality of nearby facilities.

Cities and counties are encouraged to consider all of the above for implementation, to the extent possible, cost-effective and feasible, in the design and development of projects for RMRA funding. In the event that completed projects contain technology, climate change, and complete streets considerations pursuant to SHC 2030(c)-(f). Standard reporting forms developed by the Commission will allow, cities and counties to report on the inclusion of these elements in RMRA-funded projects.

Standard reporting forms developed by the Commission will also provide space for supplementary information to be provided regarding the benefits of RMRA funded projects. Cities and counties should consider providing additional information in the proposed project list as appropriate in order to clearly communicate how RMRA funding is being effectively put to use.

Other Statutory Considerations for Project Expenditure Reports

Pursuant to SHC Section 2037, a city or county may spend its apportionment of RMRA funds on transportation priorities other than those outlined in SHC Section 2030(b) if the city's or county's average Pavement Condition Index (PCI) meets or exceeds 80. This provision, however, does not eliminate the requirement for cities and counties to prepare and submit a completed project expenditure report or the requirement to consider technology, climate change, and complete streets elements to the extent possible, cost-effective and feasible, in the design and development of projects for RMRA funding.

b.) Project Expenditure Report – Standard Format

To promote statewide consistency of project information submitted, a standard completed and in-progress project expenditure report format has been developed and is further explained in Appendix B.

For the initial submittal of project expenditure reports in 2017, cities and counties are required to use the standard form available. The form will be provided by the Commission to cities and counties at the earliest opportunity after adoption of the guidelines.

The Commission intends to make available an online platform so that cities and counties can quickly and easily enter completed and in-progress project information online.

13. Process and Schedule for Project Expenditure Report Submittal

Completed Project Reports must be developed and submitted to the Commission according to the statutory requirements of SHC Section 2034(b) as outlined above in Section 12.

A city or county must submit a Completed and In-Progress Project Report by **October 1, 2018** and October 1st of each subsequent year to the Commission. All materials should be provided electronically to ctc@dot.ca.gov. In the event a jurisdiction wishes to submit a hard copy please contact the program manager at:

Eric Thronson, Deputy Director
California Transportation Commission
Eric.Thronson@dot.ca.gov
(916) 654-7179

14. Commission Reporting of Project Information Received

In order to meet the requirements of SB 1 which include accountability and transparency in the delivery of California's transportation programs, it is vitally important that the Commission clearly communicate the public benefits achieved by RMRA funds. The Commission intends to articulate these benefits through the development of an SB 1 accountability website and through other reporting mechanisms such as the Commission's Annual Report to the Legislature.

Upon receipt of project expenditure reports, Commission staff will review submittals to ensure they are complete. If any critical project information is missing (i.e. SHC 2034(b) requirements such as project description, location, date of completion, expenditures, and useful life of improvement) Commission staff will notify city/county staff to complete for resubmittal within 10 working days.

All completed project expenditure reports submitted by cities and counties will be posted to the Commission's SB 1 Accountability website. The Commission will also analyze the completed project expenditure reports provided by cities and counties and aggregate the project information to provide both statewide and city/county level summary information such as the number, type, and location of RMRA funded projects. This information will also be provided on the Commission's SB 1 Accountability website by December 1st each year, and included in the Commission's Annual Report to the Legislature which is delivered to the Legislature by December 15th each year.

In the event a city or county does not provide a project expenditure report by the deadline requested (October 1st each year) to allow for Commission analysis and inclusion on the SB 1 accountability website and in the Annual Report to the Legislature, absence of the report will be noted on the website, in the Annual Report, and may be reported to the State Controller.

15. State Controller Expenditure Reporting and Maintenance of Effort Monitoring

This section provides general information regarding the detailed expenditure reporting and maintenance of effort requirements that cities and counties are responsible for demonstrating to the State Controller's Office. It is important to note that the Commission has no oversight or authority regarding these provisions. Specific guidance should be sought from the State Controller's Office in these areas.

In addition to the RMRA completed project reporting requirements outlined in SHC Section 2034(b), SHC Section 2151 requires each city and county to file an annual report of expenditures for street or road purposes with the State Controller's Office. SHC Section 2153 imposes a mandatory duty on the State Controller's Office to ensure that the annual streets and roads expenditure reports are adequate and accurate. Additional information regarding the preparation of the annual streets and roads expenditure report is available online in the [Guidelines Relating to Gas Tax Expenditures for Cities and Counties](#) prepared and maintained by the State Controller's Office. These Guidelines were last updated in August 2015 and are anticipated to be updated again to address new accountability provisions of SB 1.

Expenditure authority for RMRA funding is governed by Article XIX of the California Constitution as well as Chapter 2 (commencing with Section 2030) of Division 3 of the SHC.

RMRA funds received should be deposited as follows in order to avoid the commingling of those funds with other local funds:

- a.) In the case of a city, into the city account that is designated for the receipt of state funds allocated for local streets and roads.
- b.) In the case of a county, into the county road fund.
- c.) In the case of a city and county, into a local account that is designated for the receipt of state funds allocated for local streets and roads.

RMRA funds are subject to audit by the Controller pursuant to Government Code Section 12410 and SHC Section 2153. Pursuant to SHC 2036, a city or county receiving an apportionment of RMRA funds is required to sustain a maintenance of effort (MOE) by spending at least the annual average of its general fund expenditures during the 2009–10, 2010–11, and 2011–12 fiscal years for street, road, and highway purposes from the city's or county's general fund, Monitoring and enforcement of the MOE requirement for RMRA funds will be carried out by the Controller.

MOE requirements are fully articulated in statute as follows:

Streets and Highways Code Section 2036

(a) cities and counties shall maintain their existing commitment of local funds for street, road, and highway purposes in order to remain eligible for RMRA funding apportionment.

(b) In order to receive an allocation or apportionment pursuant to Section 2032, the city or county shall annually expend from its general fund for street, road, and highway purposes an amount not less than the annual average of its expenditures from its general fund during the 2009–10, 2010–11, and 2011–12 fiscal years, as reported to the Controller pursuant to Section 2151. For purposes of this subdivision, in calculating a city's or county's annual general fund expenditures and its average general fund expenditures for the 2009–10, 2010–11, and 2011–12 fiscal years, any unrestricted funds that the city or county may expend at its discretion, including vehicle in-lieu tax revenues and revenues from fines and forfeitures, expended for street, road, and highway purposes shall be considered expenditures from the general fund. One-time allocations that have been expended for street and highway purposes, but which may not be available on an ongoing basis, including revenue provided under the Teeter Plan Bond Law of 1994 (Chapter 6.6 (commencing with Section 54773) of Part 1 of Division 2 of Title 5 of the Government Code), may not be considered when calculating a city's or county's annual general fund expenditures.

(c) For any city incorporated after July 1, 2009, the Controller shall calculate an annual average expenditure for the period between July 1, 2009, and December 31, 2015, inclusive, that the city was incorporated.

(d) For purposes of subdivision (b), the Controller may request fiscal data from cities and counties in addition to data provided pursuant to Section 2151, for the 2009–10, 2010–11, and 2011–12 fiscal years. Each city and county shall furnish the data to the Controller not later than 120 days after receiving the request. The Controller may withhold payment to cities and counties that do not comply with the request for information or that provide incomplete data.

(e) The Controller may perform audits to ensure compliance with subdivision (b) when deemed necessary. Any city or county that has not complied with subdivision (b) shall reimburse the state for the funds it received during that fiscal year. Any funds returned as a result of a failure to comply with subdivision (b) shall be reapportioned to the other counties and cities whose expenditures are in compliance.

(f) If a city or county fails to comply with the requirements of subdivision (b) in a particular fiscal year, the city or county may expend during that fiscal year and the following fiscal year a total amount that is not less than the total amount required to be expended for those fiscal years for purposes of complying with subdivision (b).

16. Workforce Development Requirements and Project Signage

Pursuant to SHC Section 2038, by July 1, 2023, cities and counties receiving RMRA funds must follow guidelines developed by the California Workforce Development Board that address participation & investment in, or partnership with, new or existing pre-apprenticeship training programs. Cities and Counties receiving RMRA funds will also be eligible to compete for funding from the Board's pre-apprenticeship development and training grant program that includes a focus on outreach to women, minority participants, underrepresented subgroups, formerly incarcerated individuals, and local residents to access training and employment opportunities. Upon California Workforce Development Board adoption of guidelines and grant funding opportunities in this area, the Commission will update the Local Streets and Roads Program Reporting Guidelines to incorporate this information by reference.

To demonstrate to the public that RMRA funds are being put to work, cities and counties should consider including project funding information signage, where feasible and cost-effective, stating that the project was made possible by SB 1 – The Road Repair and Accountability Act of 2017.

Appendix A – Local Streets and Roads Project List Form

To promote statewide consistency in the content and format of project information submitted to the Commission, and to facilitate transparency within the Local Streets and Roads Funding Program, Appendix A provides the general outline of a standard Project List form that is under development for cities and counties to use in submitting the proposed list of projects to the Commission. This will be an electronic form with a series of drop-down menus, check-boxes, and fillable fields.

For the initial submittal of project lists in 2017, cities and counties are required to use the standard form once available. The form will be provided by the Commission to cities and counties at the earliest opportunity after adoption of the guidelines. The Commission intends to make available an online platform so that cities and counties can quickly and easily enter project list information and upload support documentation online.

Please note that project lists included in a city or county budget should include, at a minimum, the elements mandated by statute: description, location, schedule for completion and useful life elements, while the form below includes more detailed project information.

The nature/type of information that will be included in the standard form is outlined below:

General Info:

- City and County Name
- Project Lead and Department Contact Information
- Legislative District(s)
- Jurisdiction's Average Network PCI and date/year of measurement
- Fiscal Year
- Supplementary Information¹ (a place for the city/county to report how RMRA projects were identified as a priority, how they demonstrate an efficient investment of public funds, and any additional benefits of the projects).

Proposed Project A

Description:

- Brief description (up to 5 sentences) written in a non-technical way that is understandable to the public and which includes some quantifiable measurement about the project (e.g. replace 5 culverts, repave/resurface 2 miles of road, restripe 1 mile of bike lanes, etc.)
- Have city/county check boxes specifying the type of project it is based on RMRA priorities or "other" and the inclusion of additional Technology, Climate Change and Complete Streets elements (SHC 2034). Space will be provided for cities and counties to provide an optional narrative description of the additional elements and check boxes for why additional elements may not have been included i.e. feasibility.
- Local/Regional project number (if applicable)

^{2,3} Supplementary and location information can be used to demonstrate a variety of benefits of RMRA projects including effective prioritization of funds, equitable distribution, and efficient utilization of funding.

Location:

- Should be as specific as possible (i.e. street names and project termini) and geolocation information should be provided if available²

Proposed Schedule for Completion:

- Anticipated construction year

Estimated Useful Life:

- Should be clear, understandable, and based on industry-standards as applicable.

Support Documentation

- Electronic Copy of excerpt from City/County's Adopted Budget or Budget Amendment including proposed list of projects, or the staff report specifying the projects to be included in a budget amendment
- Adopting resolution or meeting minutes to document budget/amendment approval
- Additional information regarding support documentation is available in Section 10 of the guidelines

Project Flexibility

Pursuant to SHC Section 2034(a)(1), this project list shall not limit the flexibility of an eligible city or county to fund projects in accordance with local needs and priorities, so long as the projects are consistent with SHC Section 2030(b).

^{2,3} Supplementary and location information can be used to demonstrate a variety of benefits of RMRA projects including effective prioritization of funds, equitable distribution, and efficient utilization of funding.

Appendix B - Local Streets and Roads Project Expenditure Report Form

To promote statewide consistency in the content and format of project expenditure information submitted to the Commission, and to facilitate transparency within the Local Streets and Roads Funding Program, Appendix B provides the general outline of a standard Project Expenditure Report form that is under development for cities and counties to use. This will be an electronic form with a series of drop-down menus, check-boxes, and fillable fields.

For the initial submittal of project expenditure reports to the Commission in 2018, cities and counties are required to use the standard form once available. The form will be provided by the Commission to cities and counties at the earliest opportunity after adoption of the guidelines.

The Commission intends to make available an online platform so that cities and counties can quickly and easily enter project expenditure information online.

The nature/type of information that will be included in the standard form is outlined below:

General Info:

- City/County Name
- Project Lead and Department Contact Information
- Legislative District(s)
- Jurisdiction's Average Network PCI and year/date of measurement.
- Total Funds Apportioned during the Fiscal Year
- Supplementary Information³ (a spot for the city/county to report how RMRA projects were identified as a priority, how they demonstrate an efficient investment of public funds, and any additional benefits of the projects).

Completed or In Progress Project A

Description:

- Brief description (up to 5 sentences) written in a non-technical way that is understandable to the public and which includes some quantifiable measurement about the project (e.g. replace 5 culverts, repave/resurface 2 miles of road, restripe 1 mile of bike lanes, etc.)
- Have city/county check boxes specifying the type of project it is based on RMRA priorities or "other" and the inclusion of additional Technology, Climate Change and Complete Streets elements (SHC 2034). Space will be provided for cities and counties to provide an optional narrative description of the additional elements and check boxes for why additional elements may not have been included i.e. feasibility.
- Local/Regional project number (if applicable)
- Space will be provided for cities and counties to identify any project list changes resulting from the flexibility afforded by SHC 2034(a)(1) such as projects added, deleted, or replaced if applicable.

^{3,4} Supplementary and location information can be used to demonstrate a variety of benefits of RMRA projects including effective prioritization of funds, equitable distribution, and efficient utilization of funding.

Location:

- Must be as specific as possible (i.e. street names and project termini) and geolocation information is highly encouraged to be provided if available⁴

Amount of Funds Expended:

- Enter the amount of RMRA funds expended on the project and the total project cost
- Enter the amount and type of other funds expended on the project

Completion Date:

- Drop down menu to select the month and year that the project is complete/operational etc.
- Place to enter status update on multi-year projects and expected completion date

Estimated Useful Life:

- Should be clear, understandable, and based on industry-standards as applicable.

Signage:

- Provide a place to report on the inclusion of project funding information signage, if applicable

^{3,4} Supplementary and location information can be used to demonstrate a variety of benefits of RMRA projects including effective prioritization of funds, equitable distribution, and efficient utilization of funding.

Appendix C – Local Streets and Roads Program Schedule

FY 17-18	
Adoption of Final Guidelines Call for Project Lists	August 16-17, 2017
Technical Assistance and Outreach to Cities/Counties	August 18 – October 16, 2017
Project Lists due to Commission	October 16, 2017
Commission Adopts List of Eligible Cities and Counties	December 6-7, 2017
Commission Submits List to Controller	December 6-7, 2017
Controller FY 17-18 Apportionments Begin	Mid-January 2018
Completed Project Report Submitted to Commission for 2017 - 2018 Fiscal Year	October 1, 2018
Commission Posts Statewide LSR Program Accountability Information Online	December 1, 2018
FY 18-19	
Guidelines Update as Needed	TBD
Call for Project Lists	TBD ⁵
Commission Review, Approval & Adoption of List of Eligible Cities and Counties	TBD ⁶
Commission Submits Final List to Controller	July 1, 2018
Controller FY 18-19 Apportionments Begin	Mid-September 2018
Completed Project Report Submitted to Commission for 2018 - 2019 Fiscal Year	October 1, 2019
Commission Posts Statewide LSR Program Accountability Information Online	December 1, 2019

^{5,6} The Commission is working with city and county representatives to develop a schedule for FY 18-19 that accommodates city and county budgeting processes; statutory clarification may be needed in this area.



LOS ANGELES COUNTY INTELLIGENT TRANSPORTATION SYSTEM (ITS) ARCHITECTURE UPDATE

*San Gabriel Valley Council of Governments
Public Works and Technical Advisory Committee*

 **ADVANTEC**
Consulting Engineers

Kimley»Horn

August 21, 2017



Metro

Item #7
Page 1 of 15



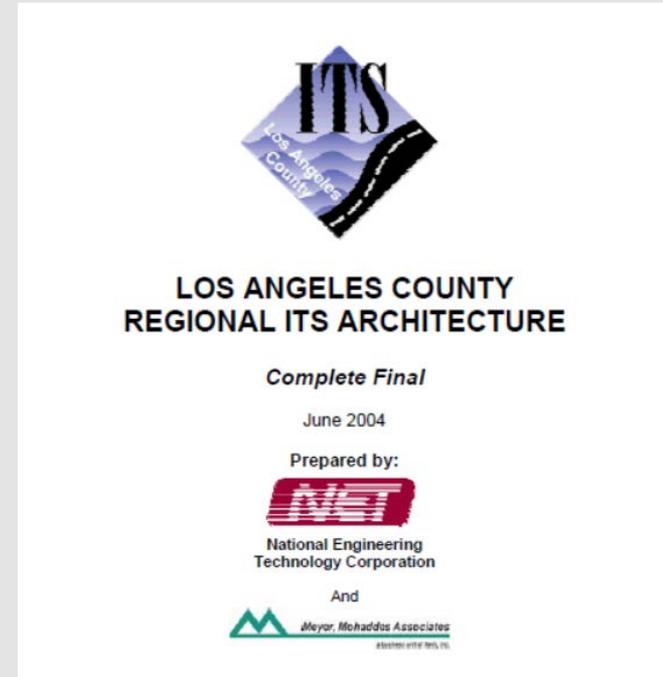
Introduction

- Updating the Los Angeles County Regional ITS Architecture
- Maintain and Update
- 13 years since the last update
- Requirement to be eligible for Federal Funding for ITS projects
- RIITS Funded, Consultant Services: Advantec/Kimley-Horn
- 12-month Process (Stakeholder Outreach, One-on-One Meetings with agencies, Updating Documents, Establishing User Friendly Website)
- Garner participation from local agencies
- Maintain the ITS Architecture
- Countywide consistency and interoperability



Project History

- The LA County ITS Architecture was developed in 2004
- Included an arterial ITS architecture (AITS)
- Newer technologies and communications have emerged since 2004
- 2004 Architecture was based on National ITS Architecture version 5.0 (currently version 8.0)
- Federal, State, Regional level updates

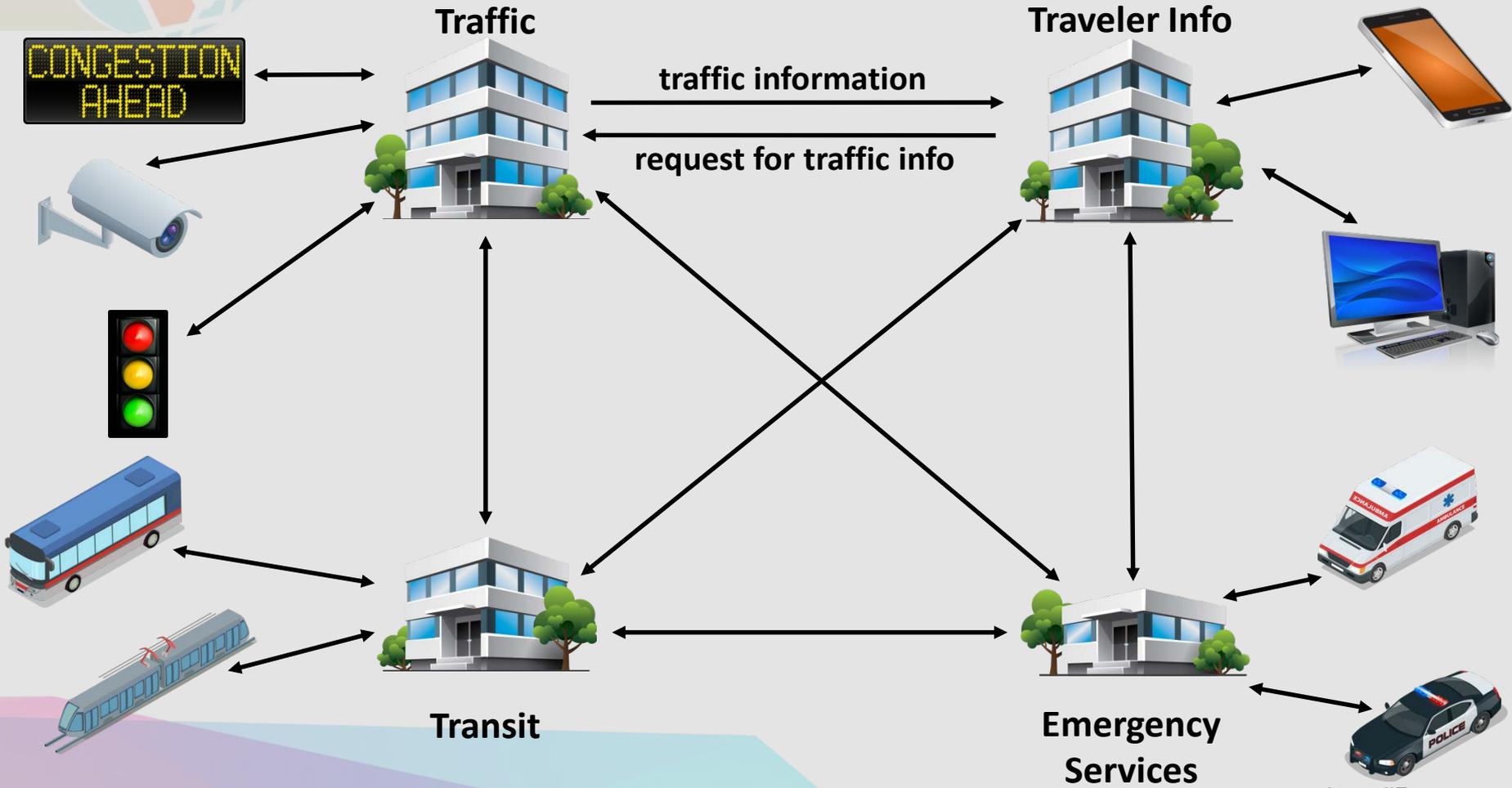


What is an ITS Architecture?



- A planning framework for the deployment of intelligent transportation systems (ITS) applications
 - Provides a roadmap for existing and planned ITS developments
 - Ensures the ability of data exchange and system integration
 - Provides operational concepts identifying agency roles and responsibilities
 - Identifies ITS standards supporting interoperability
 - Includes guidance for architecture use and maintenance

An ITS Architecture Includes: Agencies, Systems, Communications, Information Flows



Example of Architecture

ATMS1 - Network Surveillance
 ATMS4 - Freeway Control
 ATMS7 - Regional Traffic Control

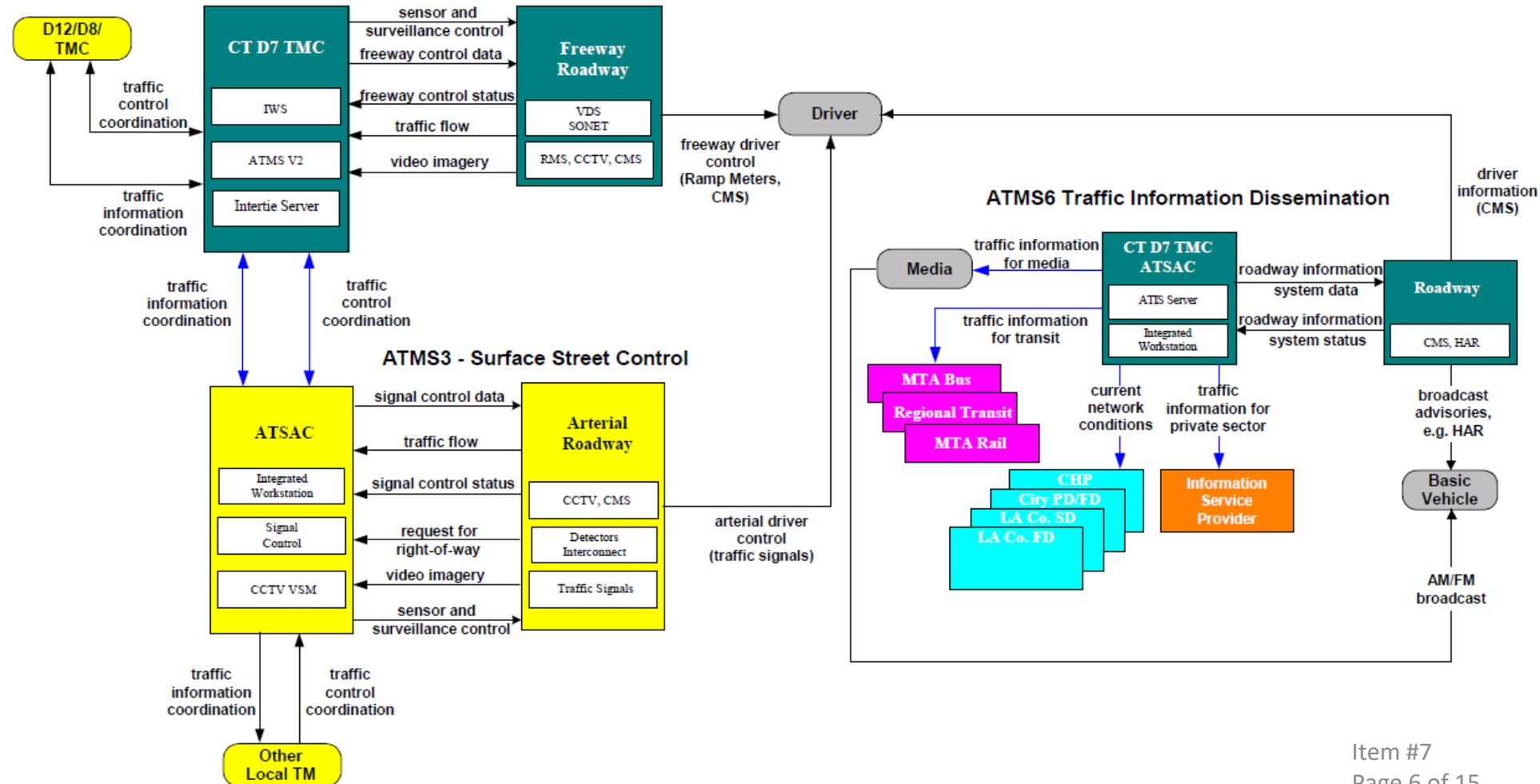
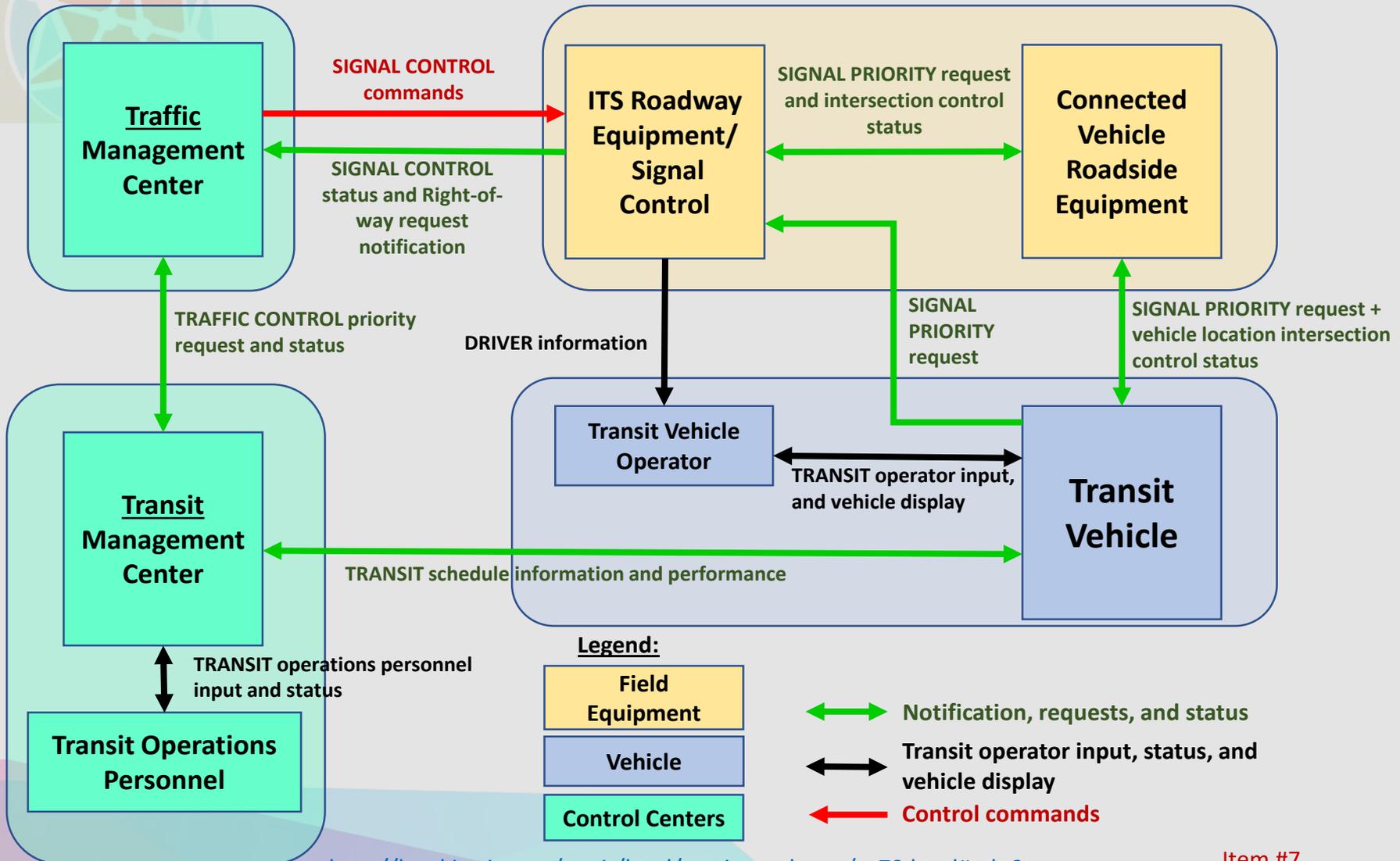
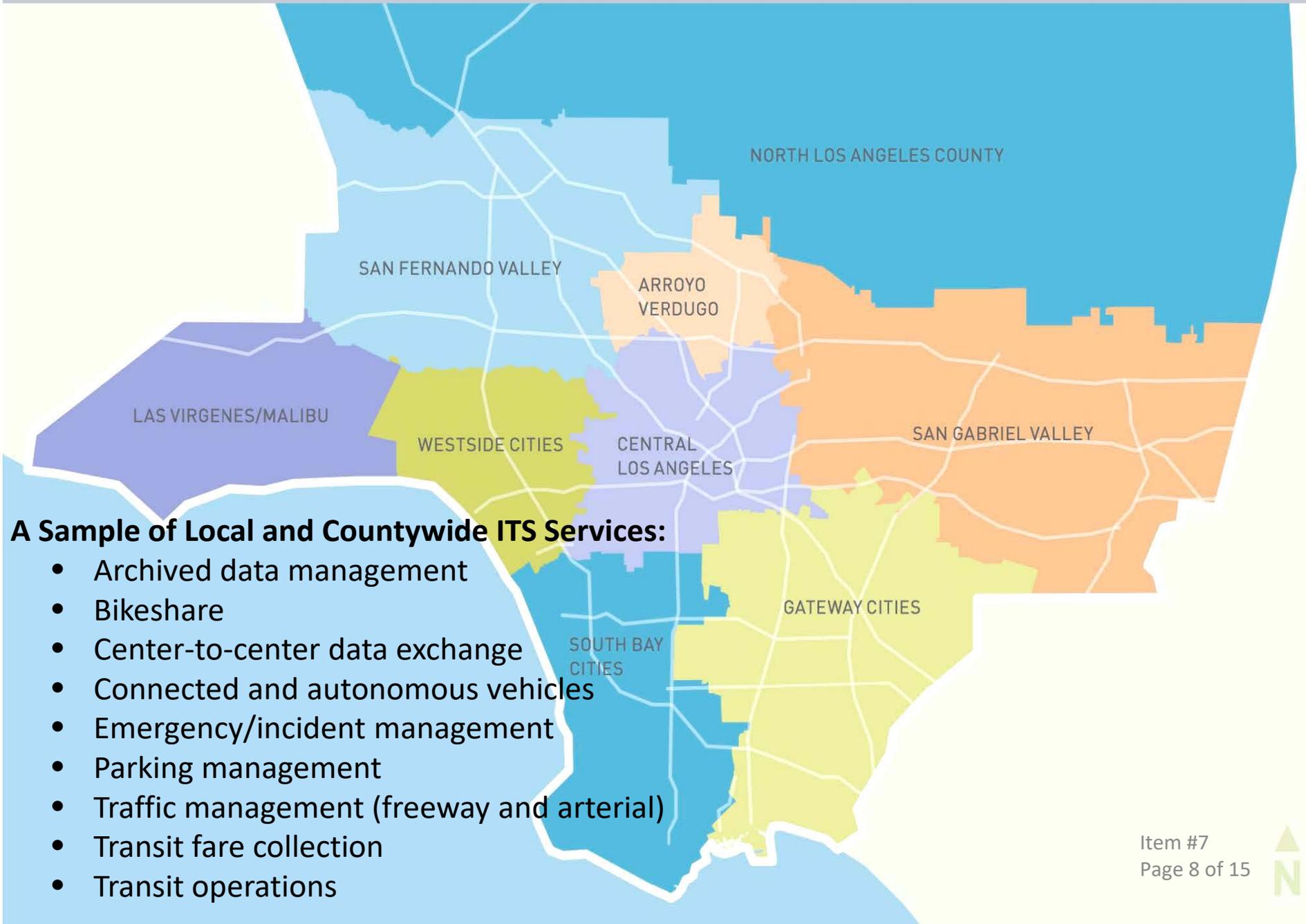


Figure 7-3 – Traffic Management Architecture Flows

Architecture Service Package Example: PT09: Transit Signal Priority



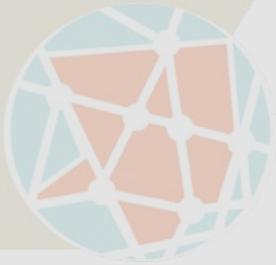
<http://local.iteris.com/arc-it/html/servicepackages/sp79.html#tab-3>



A Sample of Local and Countywide ITS Services:

- Archived data management
- Bikeshare
- Center-to-center data exchange
- Connected and autonomous vehicles
- Emergency/incident management
- Parking management
- Traffic management (freeway and arterial)
- Transit fare collection
- Transit operations





What is being updated in the Regional ITS Architecture?

- Architecture documentation in accordance with federal requirements
- Procedures for architecture use and maintenance
- Service Packages using the current National ITS Architecture (ARC-IT) to reflect ITS services in LA County
- Notable deficiencies from the 2004 ITS Architecture
 - Parking, Smart Cities, Universal Fare Payment, Non-motorized, Bike share, Express lanes, ICM, CV/AV



Cities and Agencies Participation

- Involvement in the development of the ITS Architecture Update
- Provide ITS information
- Stakeholders Participation:
 - ✓ Online project survey(s)
 - ✓ Workshops/Meetings
 - ✓ Project website
 - ✓ Ask questions
- Follow up Meetings



Project Website

Purpose

To assist agencies with using the architecture as a user-friendly resource for ITS project planning and implementation



Los Angeles County Regional ITS Architecture



WELCOME

The Los Angeles County Regional ITS Architecture is the blueprint for Intelligent Transportation Systems (ITS) project coordination and integration in Los Angeles County. ITS is the application of communication and computing technologies to improve transportation safety, operations, and efficiency. This definition encompasses a broad range of technologies and has created many opportunities for transportation professionals to respond proactively to increasing demand for effective transportation services. Many of these opportunities are predicated upon effective coordination between organizations, at both the institutional and technical level.

PROJECT BACKGROUND
UPCOMING MEETINGS
SURVEY

Under the direction of the Los Angeles County Metropolitan Transportation Authority (Metro), a project to update the Regional ITS Architecture is underway and is expected to be completed in the summer of 2018. An update of the Regional ITS Architecture is needed to address the deployment of ITS projects and technologies that is accelerating in pace and complexity in recent years. The project will involve input from a broad range of transportation agency stakeholders such as Caltrans, County of Los Angeles Department of Public Works (LACPDW), local cities, transit operators, the Ports of Los Angeles and Long Beach (POLA/POLB) and regional airports. The updated architecture will bring Los Angeles County into compliance with federal regulations that requires ITS projects using federal transportation funds be consistent with the National ITS Architecture and Standards (pursuant to 23 CFR §§ 940.9 and 940.11).

HOME

CONTACT US

Please check this website periodically to access project reports and schedule information for stakeholder meetings.



<http://webext.kimley-horn.com/projects/laits//>



Cities and Agencies Involvement

- We will be reaching out to cities and agencies to collect information on ITS projects and developments

Please indicate the types of ITS projects and services that you currently operate or planning to operate within the next 5 years.

	Operate	Planned	Not Applicable (N/A)
Adaptive Traffic Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Autonomous Vehicle Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Big Data Analytics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bikeshare Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Centralized Traffic Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial Vehicle Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Congestion Pricing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connected Vehicle Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detection of Non-Motorized Users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Project Schedule

Tasks	2017							2018							2019	2020	
	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	DEC	JAN to DEC	JAN to JUNE
Advisory Committee Meetings																	
LA County RITSA			★ 1	★ 2	★ 3	★ 4	★ 5	★ 6	★ 7	★ 8	★ 9	★ 10					
Architecture Introductory Workshops																	
LA County RITSA		★	★														
Stakeholder Survey																	
LA County RITSA																	
Architecture Development Workshops																	
LA County RITSA					★												
Stakeholder Briefings (Email Newsletters)																	
LA County RITSA		▲		▲		▲		▲		▲		▲					
Architecture Roll-out Workshops																	
LA County RITSA													★				
Individual Follow-up as Needed																	
LA County RITSA																	
Existing Conditions (Research and Architecture Reviews)																	
LA County RITSA			◆	◆													
RITSA Update																	
LA County RITSA									◆						◆		
Project Website																	
LA County RITSA																	
On-call Technical Support																	
LA County RITSA																	

★ Meetings ▲ Email Newsletters ◆ Draft Architecture Report ◆ Final Architecture Report



Project Contact Information

LA County ITS Architecture Update

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Metro



ADVANTEC
Consulting Engineers

Kimley»Horn



LOS ANGELES COUNTY INTELLIGENT TRANSPORTATION SYSTEM (ITS) ARCHITECTURE UPDATE

*San Gabriel Valley Council of Governments
Public Works and Technical Advisory Committee*

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August 21, 2017



Metro

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