

Summary of Policy

Federal regulations [23 Code of Federal Regulations, Parts 655 and 940, Intelligent Transportation System (ITS) Architecture and Standards; Final Rule] now require ITS projects funded with the Highway Trust Fund to conform to the National ITS Architecture and Standards; be guided by a regional architecture with geographic boundaries defined by stakeholder needs; and use systems engineering analysis on a scale commensurate with the project scope.

It is our policy to abide by the Federal ITS regulations and requirements for those agencies seeking federal funding programmed by us for projects subject to this rule. For consistency and to maximize benefits, this ITS policy is also applied to projects with state and local funding sources programmed and administered by us.

ITS involves the use of advanced computer, electronic, and communications technologies to increase the safety and effectiveness of surface transportation system. We encourage the use of ITS technologies to enhance the productivity of the existing infrastructure and vehicles that carry passengers, goods and services in Los Angeles County (i.e. highways, streets, bridges mass transit vehicles, and tracks). Some examples of transportation systems supported by ITS technologies include: advanced traffic signals; automated bus and maintenance vehicle location systems; electronic fare systems; electronic roadside and transit information signs; automated vehicle control systems and traveler information systems. Adding such technologies to our transportation systems saves lives, time and money.

Historical Perspective

Federal ITS policy and regulations require that all federally funded projects be guided by a regional ITS architecture and employ a system engineering process on a scale commensurate with the project scope. The Los Angeles Countywide ITS Policy and Procedures were developed in coordination with external agencies such as Caltrans, City and County of Los Angeles, and our internal departments as well as the United States Department of Transportation (USDOT) representatives to ensure all agency sponsored ITS projects are/would be in compliance with the federal requirements to minimize delays in receiving the federal funds.

It is the agency's practice to abide by federal ITS requirements for all projects and agencies in Los Angeles County seeking federal funding programmed for ITS projects subject to this rule. For consistency and to maximize benefits, the proposed Los Angeles Countywide ITS Policy and Procedures will be also applied to ITS projects with state and local funding sources that are programmed and administered by the agency.

The proposed Los Angeles Countywide ITS Policy and Procedures were presented to the Bus Operations, Streets and Freeways, and Local Transit Systems Subcommittees for their review and comments. The Technical Advisory Committee subsequently approved the proposed Policy and Procedures at its regular meeting on November 3, 2004.

A representative from USDOT Los Angeles Joint Office clarified that routine maintenance and operation projects such as replacement of traffic signal controllers purchase of transit vehicles and rolling stock equipped with currently used computer communication, Advanced Vehicle Locating and/or passenger counting systems are exempted from

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compliance. In addition, ITS projects funded with Propositions A and C Local Return revenues would only be affected if they were being used to match state and federal funds.

The proposed Policy and Procedures call for ITS project sponsor agencies to complete and submit a self certification form indicating that they are aware of and will comply with the ITS requirements listed on the form.

The proposed Policy and Procedures also call for the Countywide Planning and Development Department (CP&D) to administer and support the implementation of the Los Angeles Countywide ITS Policy by:

- Making consistency information available to external agencies and internal departments;
- Reviewing and adding consistency requirements to our Call for Projects requirements;
- Reviewing and adding consistency requirements to Prop A and Prop C funding guidelines;
- Reviewing and adding consistency requirements to Short Range Transit Plan countywide guidelines;
- Coordinating with transportation, transit agencies, emergency service providers and our internal departments to define their ITS projects, their concept of operations and providing assistance to meet the consistency requirements; and developing necessary integration interfaces to the Los Angeles County Regional ITS Architecture;
- Providing support and guidance to transportation, transit agencies and emergency service providers using the

Regional ITS Architecture guide book and tools for interface development;

- Participating and ensuring inter-agency system operation and management agreements are executed as appropriate and described in the Los Angeles Regional ITS Architecture;
- Administering the function and expansion of Los Angeles County Regional ITS Architecture; organizing ITS coordination committees and working groups that address technical and institutional issues that are associated with the operation, upgrade and maintenance of the Los Angeles Regional ITS Architecture; and
- Maintaining and updating the Los Angeles Regional ITS Architecture Plan for incorporation into the Southern California Associated Government Regional ITS Plan, Regional Transportation Plan, and our Long Range Transportation Plan and Short Range Transportation Plan.

Last Board Action

January 27, 2005 - Los Angeles Countywide Intelligent Transportation Systems (ITS) Policy and Procedures.

The Board adopted the proposed Los Angeles Countywide Intelligent Transportation Systems (ITS) Policy and Procedures.

Attachment

Los Angeles Countywide Intelligent Transportation Systems Policy and Procedures

See Related

Los Angeles County Regional Integration of ITS Projects – <http://www.riits.net>

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23 Code of Federal Regulations, Parts 655
and 940, Intelligent Transportation
Systems