



St. Louis Regional ITS Architecture

Project Consistency Statement

The St. Louis Regional Architecture provides the framework for the planning and development of Intelligent Transportation System (ITS) projects that improve the safety, mobility and efficiency of travel in the region.

Key components of existing infrastructure and examples of ITS projects include travel operation centers, traffic flow detection, closed-circuit television cameras, dynamic message signs, road weather information systems, central computerized traffic signal control systems, and fiber optic communications, along with real-time information available via dedicated agency web sites.

Before funding agreements with the Missouri Department of Transportation or Illinois Department of Transportation are developed, the Stakeholders for each project containing ITS elements must have a completed **Project Consistency Statement** that identifies how the project will be consistent with the St. Louis Regional ITS Architecture. Each Statement will be reviewed by East-West Gateway staff.

Please complete the following form to document your project's consistency with the Regional ITS Architecture. View the most current version of the Regional ITS Architecture here: <http://www.ewgateway.org/transportation-planning/transportation-systems-management-operations/intelligent-transportation-system>.

If you have questions or need guidance in completing this Statement, please contact:

- Lubna Shoib: Lubna.Shoib@ewgateway.org



Your Name:	Your Agency:
Your phone #:	Your e-mail:
Your Project Name:	
Related Project Name in the Regional ITS Architecture: <i>(Note that your project may not have the same name or scope as the projects in the ITS Architecture. Choose the project(s) in the Architecture that most closely resemble the services you plan to deploy.)</i>	
Brief Project Description:	
Project TIP Code:	

Mark the Current Project Status:

- In Planning**
- In Design**
- In Development or Procurement**
- Deployed**



1. STAKEHOLDERS

Review the St. Louis Regional ITS Architecture and your project documents to identify the Stakeholders participating in this project.

- a. Who is the lead Stakeholder for this project?

- b. Are there other project Stakeholders? If so, please list them:

- c. Are there any differences in the Stakeholders listed in the ITS Architecture and in your project plans? If so, please list them. *(Examples may be additional Stakeholders, or a Stakeholder identified in the Architecture who will not participate in the project.)*



2. SYSTEM ELEMENTS

Review the St. Louis Regional ITS Architecture and project documents to identify the ITS elements to be used in this project.

- a. List the types of ITS equipment developed or purchased as part of this project.

- b. List the types of **existing** ITS equipment that will interface and exchange data with new equipment in this project. *(Examples are the Gateway Guide Traffic Operations Center or City of St. Louis Traffic Management Center.)*



3. SYSTEM DESIGN

Describe your agency's commitment to consider all applicable subsystems and information flows from the regional architecture in the project development process.

- a. Submit documentation of all Architecture information flows for this project to this Statement, or provide a web address or addresses below where they can be viewed. *(Note that this may be the page, or pages, on the St. Louis Regional ITS Architecture web site that describes your project.)*

- b. If there are information flows listed in the St. Louis Regional ITS Architecture for your project that you do not plan to use, please identify them and explain why. *(Example reasons are that the project will only deploy a part of a project as identified in the Architecture, or that some flows will be deployed in a later project phase.)*



4. FUTURE INTEGRATION

Your responses in this section should address how your project addresses potential future integration and ensures interoperability of the project's equipment with other ITS in the region.

- a. List any opportunities for integration with other existing or planned ITS that are not part of this project but may benefit the Region in the future. *(Examples are sharing information collected by the current project with a maintenance center or emergency center.)*

5. INTERAGENCY AGREEMENTS

Your responses in this section should express your agency's commitment to developing operating agreements between the stakeholders to ensure the successful ongoing operation and usage of the project.

- a. List the stakeholders that will participate in the **operation** phase of this project:



b. Will there be operating agreements among the stakeholders listed in 5a?

___ **Yes**

___ **No**

c. If you answered **No** to the previous question, explain why there will not be operating agreements. *(Example reasons may be that an existing agreement covers operations or that only one agency is involved in the project, so no agreements are needed.)*

6. STANDARDS

Your responses in this section should provide assurance that the project will use the appropriate standards and protocols for information exchange.

a. List the standards identified in the St. Louis Regional ITS Architecture applicable for this project.



b. Will you incorporate the standards listed in 6a into the project design and procurement documents?

- Yes, all of them
- Some of them
- No, none of them

c. If you answered the previous question “some” or “none,” list the standards for this project that will not be incorporated into the design and procurement documents, and briefly explain why each is not being used. *(An example reason is that the Architecture contains multiple standards that apply to an information exchange, and only one of those standards will be used.)*

7. PERFORMANCE MEASUREMENT

In this section you should provide assurance that your project has clearly defined performance measures and a plan for evaluating project progress and success.

a. Submit the Performance Reporting Plan for this project with this Statement, or provide a web address below where it can be viewed:

If you attached a Performance Reporting Plan, please skip forward to Section 8. If you did not attach a Performance Reporting Plan, continue with Section 7.



- b. List the performance measures you will use to evaluate the progress and performance of this project:

- c. How will the project report its performance? To whom and how frequently will the performance be reported?

- d. Will the data be stored or archived by the collecting agency?

- Yes**
- No**
- Not Applicable**



e. Will the devices and the data generated by the project be validated and periodically evaluated?

- ___ **Yes**
- ___ **No**
- ___ **Not Applicable**

f. Please elaborate on how data will be validated, shared, stored, and/or archived. If the project does not plan to validate, share, or store data, please explain why.

8. OPERATIONS AND MAINTENANCE

Your responses in this section should provide assurance that the project has a plan for operating and maintaining the systems it deploys.

a. Submit the Operations and Maintenance Plan for this project to this Statement, or provide a web address below where it can be viewed:

If you attached an Operations and Maintenance Plan, please skip forward to Section 9. If you did not attach an Operations and Maintenance Plan, continue Section 8.

b. What is the estimated annual cost, in dollars, for the project's operation and maintenance?

\$ _____



- c. Briefly describe the staffing and technical resources required for the operation and maintenance of your project.

- d. Briefly describe how the project will meet its needs for resources.

9. OTHER INFORMATION

Please use this section to provide additional information and clarification regarding your project's ITS architecture compliance.

- a. Submit additional documents for this project, or provide the web addresses where they can be viewed below:



b. Please provide any other comments you would like to share about your ITS project.