



**ITS Projects – Systems Engineering and Architecture
Compliance (Rule 940) Checklist**

In Oregon, this Systems Engineering and Architecture Compliance Checklist is the Systems Engineering Plan for the project. For all federally funded ITS projects, a Systems Engineering Checklist must be completed to define how the project will comply with federal requirements and which systems engineering tasks need to be completed as part of the project scope of work.

SECTION 1 – Project Information

1.1 NAME OF PERSON FILING CHECKLIST	1.2 DATE
1.3 PROJECT TITLE	1.4 KEY NUMBER

1.5 PROJECT PURPOSE

Is there a project prospectus that defines the problem? Yes No

If "No", please provide information:

Is there a project prospectus that defines the proposed solution? Yes No

If "No", please provide information:

1.6 HOW WERE THESE NEEDS IDENTIFIED? (Check appropriate box)

Internal Assessment Stakeholder Involvement Regional ITS Plan Other

Please provide details on how needs were identified – If other documentation was used as a reference, please identify it here:

1.7 CONTACT PERSON/GROUP	1.8 PROJECT LOCATION <input type="checkbox"/> See Project Prospectus (if available) Highway MP Other	1.9 BUDGET <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Other Amount
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1.10 NATURE OF WORK (Check appropriate box)

Software/Integration Construction Operations Evaluations Planning

Maintenance (Equipment Replacement) Others (Please Specify)

1.11 RELATIONSHIP TO OTHER PROJECTS AND PHASES

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SECTION 2 – Regional Architecture Assessment

2.1 PORTIONS OF REGIONAL ARCHITECTURE BEING IMPLEMENTED

- Archived Data Management
- Public Transportation
- Traveler Information
- Traffic Management
- Vehicle Safety
- Commercial Vehicle Operations
- Emergency Management
- Maintenance & Construction Management

2.2 INVENTORY ELEMENTS IN ODOT REGIONAL ARCHITECTURE INCLUDED BY PROJECT

2.3 INTERFACE IMPACTS (I.E. DATA EXCHANGES) DUE TO PROJECT

2.4 DOES THE DESIGN INCORPORATE NATIONAL ITS STANDARDS?

- No Yes

If "Yes", please specify what ITS Standards are being used:

If "No", explain why:

2.6 CHANGES RECOMMENDED TO ODOT and/or REGIONAL ARCHITECTURES

- No Yes

If "Yes", please specify and provide detail:

SECTION 3 – Project Matrix

3.1 PROJECT MATRIX - DOCUMENTATION

	Existing	Existing To Be Modified	To Be Developed	Not Applicable	Comments/Document Reference
Alternatives Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Concept of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
System Test Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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SECTION 4 – Procurement

4.1 PROCUREMENT METHODS (Check all that apply)

- Construction Contract
- Request for Proposal
- Invitation to Bid
- State Price Agreement Contract
- Flexible Service Contract
- Other

Comments:

4.2 EQUIPMENT TO BE PURCHASED WITH PROJECT FUNDING

SECTION 5 – Operations and Maintenance

5.1 PROCEDURES AND RESOURCES NEEDED FOR OPERATION

5.2 ESTIMATED ANNUAL OPERATIONS AND MAINTENANCE COSTS

SECTION 6 - Schedule

6.1 EXPECTED COMPLETION DATE

SECTION 7 - Agreements

7.1 IS AN INTERSTATE OR INTERGOVERNMENTAL AGREEMENT NEEDED FOR THIS PROJECT?

- Existing Amend existing To be Developed No

Please describe:
