

Appendix E: Questionnaire

Key Stakeholder Questionnaire
Completed Questionnaire
Expanded Stakeholder Questionnaire
Completed Questionnaire

Questionnaire for the Salem ITS Plan

Name _____

Title _____

Organization _____

Address _____

Phone _____ Fax _____

Date _____

Project Background: The development of an *Intelligent Transportation System (ITS) Plan* for the Salem Metropolitan Area is underway. The intent of the plan is to identify a set of advanced technology tools and management techniques that could be used to improve the efficiency and safety of the transportation system. The purpose of this project is to get the most out of existing roadway facilities by preserving transportation system capacity, and enhancing regional transportation mobility, efficiency and safety for all modes (without adding travel lanes). Examples of transportation management devices that could be considered for the Salem area include:

Traffic Monitoring

Closed-Circuit Television (CCTV) Cameras
Real-time speed and volumes

Traveler Information

Dynamic Message Signs
Highway Advisory Radio
Traveler Information Web Page
Road Weather Information Systems

Traffic Control

Advanced Traffic Signal Systems
Bus Priority
Emergency Vehicle Preemption
Incident Management

Planning

GIS Applications

Communications

A network to support regional information sharing and remote monitoring of field devices.

Maintenance

Electronic inventory management
Real-time road condition information

As part of the *Salem ITS Plan* we need your input. Please take a few moments to read and respond to the following questions. Your input will help to guide the deployment of transportation management devices to meet the needs of the Salem Metropolitan Area transportation system.

Responsibilities

- What are the primary responsibilities of your section/department of your organization? What are your individual responsibilities?
- What transportation technologies do you currently utilize or plan to implement?

Transportation System

- What do you see as the biggest problem affecting the efficiency and safety of the Salem Metropolitan Area transportation system (i.e. congestion, incident delays, connectivity, signal progression along arterials, construction delays, public transportation performance, etc...)? Where would you say are the biggest transportation problem areas within your jurisdiction?

How do you think we can address these problems and/or problem areas?

- Can you think of other issues that affect efficient and safe travel in the Salem Metropolitan Area?

Needs

- What information would help you do your daily activities more effectively (i.e. road conditions, construction information, real-time video, data collection, etc...)?
- Any final ideas or thoughts about how technology or information based transportation systems could be used to enhance the safety and efficiency of the Salem Metropolitan Area transportation system?

Strengths, Weaknesses, Opportunities and Challenges

- What strengths in the existing transportation system and/or your organization are you aware of that are improving efficiency or safety? What suggestions do you have for capitalizing on these strengths?
- Do you see any barriers to deploying transportation technologies and/or sharing information among departments/other agencies? What can be done to improve the efficiency of your daily activities? What tools do you need to help you do your daily activities more effectively?
- What opportunities exist that we should be aware of for the Salem Intelligent Transportation System planning process? (i.e., opportunities to coordinate with other projects, opportunities to coordinate with regional plans, possible funding sources, etc...)
- What challenges need to be overcome to improve the efficiency and safety of the transportation system? What challenges need to be overcome to help you perform your daily activities efficiently and effectively?

Internal/External Interfaces

- How does your organization interact with other departments (engineering, maintenance, planning, information services, GIS) in your organization? For example, if you work in the maintenance department, how do you interact with the engineering department, the IS department and the planning department. How does your organization interact with outside organizations in exercising its transportation responsibilities?

- What information/data do you share with other departments within your organization and/or other agencies? If it is in electronic format, what format is the information/data in? What systems or methods do you employ to provide it?
- Now that we have had this discussion about information sharing, are there ways we can use technology to assist with coordinating activities and resources among different agencies?

Other

- Are there other people you think it would be helpful for us to send a questionnaire to or add to our mailing list for expanded stakeholder meetings?

Name _____

Title _____

Organization _____

Address _____

Phone/Fax _____

QUESTIONNAIRE FOR THE SALEM
INTELLIGENT TRANSPORTATION SYSTEM (ITS) PLAN

Name Mike McElarthy
Title _____
Organization Marion County Public Works
Address _____
Phone _____ Fax _____
Date _____

- What do you see as the biggest problems affecting the efficiency and safety of the Salem Metropolitan area transportation system (i.e. congestion, incident delays, connectivity, signal progression along arterials, construction delays, public transportation performance, road condition information, etc...)?

- How do you think we can address these problems and/or problem areas?

I-5 Detour Routes
General Congestion/Incident Management
Cameras
Better Communication
Emergency Response

- Can you think of other issues that affect efficient and safe travel in the Salem Metropolitan area?

Real-Time road status info
Slide Detectors
Icing Sensors
Downtown connection to Gordon Rd Signals
Variable Message Signs

- What components of the existing transportation system (i.e. traveler information, incident response) are useful and are improving efficiency or safety? What suggestions do you have for capitalizing on these strengths?

Trip check

Cameras

Road Viewer

- What information would help you do *your* daily activities more effectively (i.e. road conditions, construction information, real-time video, etc...)?

Portable Video Cameras

- Any ideas or thoughts about how technology or information based transportation systems could be used to enhance the safety and efficiency of the Salem Metropolitan area transportation system?

I-5 travel info

Detour Info

Major Commute Corridors

Emergency / Accident notification

- In what ways do you or your organization interact with transportation and/or emergency response agencies in the region? In what ways could this interaction be improved?

- Are there other people you think it would be helpful for us to interview or add to our mailing list?

Name Virgil Hamm
Title _____
Organization Marion County Radio Shop
Address _____

Phone/Fax _____

Name John Vanderzanden
Title _____
Organization Marion County Emergency Management
Address _____

Phone/Fax _____

Name Michael Rybka
Title _____
Organization Marion County Operations
Address _____

Phone/Fax _____

Salem ITS Plan 2

[print friendly survey](#)

We are developing an Intelligent Transportation System Plan for the Salem-Keizer Metropolitan area (Salem, Keizer, Polk County and Marion County). Your input is important. Please take a few minutes of your time to respond to these questions. There is a section at the end of this questionnaire to list additional concerns you may have that are not covered.

[1] What do you see as the biggest problems affecting the efficiency and safety of the Salem-Keizer Metropolitan area transportation system?

- Congestion
- Incident delays
- Signal progression along arterials
- Construction delays
- Public transportation performance
- Other:

[2] How do you think we can address these problem areas?
(limit 500 characters)

[3] What kind of transportation related information do you need to do your job more efficiently?

- Road conditions
- Advance warning systems
- Construction information
- Real-time video
- Alternative route information
- Real-time transit arrival information
- Incident information/classification
- Other:

[4] What level of interaction do you currently have with local maintenance personnel? (Leave blank if not applicable)

Low High

[5] If you do interact with local maintenance personnel, in what ways could these interactions be improved? If you do not currently interact with local maintenance personnel and your job would benefit from sharing information with them, what information would you find beneficial?
(limit 500 characters)

**[12] What level of interaction do you currently have with the local 911 dispatch center?
(Leave blank if not applicable)**

Low High

**[13] If you do interact with the 911 dispatch center, in what ways could these interactions be improved? If you do not currently interact with the 911 dispatch center and your job would benefit from sharing information with them, what information would you find beneficial?
(limit 500 characters)**

[14] What level of interaction do you currently have with the Oregon Department of Transportation? (Leave blank if not applicable)

Low High

**[15] If you do interact with ODOT, in what ways could these interactions be improved? If you do not currently interact with ODOT and your job would benefit from sharing information with them, what information would you find beneficial?
(limit 500 characters)**

**[16] What other agencies would you like to share information with to make your job easier?
(limit 500 characters)**

**[17] Are there other specific types of technology that would be useful to you and your agency?
(limit 500 characters)**

[18] What types of technology would be most useful to you and your agency?

[12] What level of interaction do you currently have with the local 911 dispatch center?
(Leave blank if not applicable)

Low High

[13] If you do interact with the 911 dispatch center, in what ways could these interactions be improved? If you do not currently interact with the 911 dispatch center and your job would benefit from sharing information with them, what information would you find beneficial?
(limit 500 characters)

[14] What level of interaction do you currently have with the Oregon Department of Transportation? (Leave blank if not applicable)

Low High

[15] If you do interact with ODOT, in what ways could these interactions be improved? If you do not currently interact with ODOT and your job would benefit from sharing information with them, what information would you find beneficial?
(limit 500 characters)

[16] What other agencies would you like to share information with to make your job easier?
(limit 500 characters)

[17] Are there other specific types of technology that would be useful to you and your agency?
(limit 500 characters)

[18] What types of technology would be most useful to you and your agency?

- Vehicle location
- Data storage and access (incidents or other)
- Real time travel information
- Shared communication interfaces
- Emergency vehicle signal preemption
- Shared information
- Other:

[19] Do you have any other transportation needs or concerns that are not covered in this survey?

(limit 500 characters)

Email Address

Physical Address

City

State

Zip Code

Phone Number



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Survey Responses: 1
Average Response Time: 3

Q1

What do you see as the biggest problems affecting the efficiency and safety of the Salem-Keizer Metropolitan area transportation system?

This is a "Shotgun Checkbox" question.

Shotgun Label	Count	Percent (of those taking survey)
Congestion	1	100%
Incident delays	0	0%
Signal progression along arterials	0	0%
Construction delays	0	0%
Public transportation performance	0	0%
Other:	0	0%

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Q2

QSTN_ID=7787

INTRVW_ID=7931

Keizer needs additional North/South and East/West corridors. The Salem/Keizer area needs a second bridge to West Salem.

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Survey Responses: 1
Average Response Time: 3

Q3

What kind of transportation related information do you need to do your job more efficiently?

This is a "Shotgun Checkbox" question.

Shotgun Label	Count	Percent (of those taking survey)
Road conditions	0	0%
Advance warning systems	0	0%
Construction information	1	100%
Real-time video	1	100%
Alternative route information	1	100%
Real-time transit arrival information	0	0%
Incident information/classification	1	100%
Other:	0	0%

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Survey Responses: 1
Average Response Time: 3

Q4

What level of interaction do you currently have with local maintenance personnel? (Leave blank if not applicable)

This is not a required "Numeric Polar" question, and 1 people responded.

Position No.	1	2	3	Position No.
Low	0	1	0	High

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Survey Responses: 1
Average Response Time: 3

Q8

What level of interaction do you currently have with the local police agency? (Leave blank if not applicable)				
This is not a required "Numeric Polar" question, and 1 people responded.				
Position No.	1	2	3	Position No.
Low	0	0	1	High

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Survey Responses: 1
Average Response Time: 3

Q6

What level of interaction do you currently have with the local fire agency? (Leave blank if not applicable)				
This is not a required "Numeric Polar" question, and 1 people responded.				
Position No.	1	2	3	Position No.
Low	0	0	1	High

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Survey Responses: 1
Average Response Time: 3

Q10

What level of interaction do you currently have with the local emergency management agency? (Leave blank if not applicable)				
This is not a required "Numeric Polar" question, and 1 people responded.				
Position No.	1	2	3	Position No.
Low	0	0	1	High

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Survey Responses: 1
Average Response Time: 3

Q12

What level of interaction do you currently have with the local 911 dispatch center? (Leave blank if not applicable)				
This is not a required "Numeric Polar" question, and 1 people responded.				
Position No.	1	2	3	Position No.
Low	0	0	1	High

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Survey Responses: 1
Average Response Time: 3

Q14

What level of interaction do you currently have with the Oregon Department of Transportation? (Leave blank if not applicable)				
This is not a required "Numeric Polar" question, and 1 people responded.				
Position No.	1	2	3	Position No.
Low	1	0	0	High

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Survey Responses: 1
Average Response Time: 3

Q18

What types of technology would be most useful to you and your agency?		
This is a "Shotgun Checkbox" question.		
Shotgun Label	Count	Percent (of those taking survey)
Vehicle location	1	100%
Data storage and access (incidents or other)	0	0%
Real time travel information	0	0%
Shared communication interfaces	1	100%
Emergency vehicle signal preemption	1	100%
Shared information	0	0%
Other:	0	0%

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