

Meeting Minutes

Regional ITS Operations & Implementation Plan For Salem Metropolitan Area

Expanded Stakeholder User Needs Workshop

Thursday, March 17, 2005
ODOT Northwest Transportation Operations Center
Large Conference Room
9:30-11:30

Attendees:

<input checked="" type="checkbox"/> Anderson, Edward (ODOT ITS Salem)	<input checked="" type="checkbox"/> Jackson, Ray (SKATS/MWVCOG)
<input checked="" type="checkbox"/> Bender, Dean (Polk County Emergency Mgmt)	<input type="checkbox"/> LaFreniere, Joe (Cherriots)
<input checked="" type="checkbox"/> Brock, Joel (ODOT ITS Region 3)	<input type="checkbox"/> Kissler, Rob (City of Keizer)
<input checked="" type="checkbox"/> Christopher, Lore (City of Keizer)	<input checked="" type="checkbox"/> McCarthy, Mike (Marion County)
<input checked="" type="checkbox"/> Dollar, Dan (ODOT Region 2)	<input checked="" type="checkbox"/> McGill, Galen (ODOT ITS Unit)
<input checked="" type="checkbox"/> Erickson, Bruce (ODOT Region 2 Traffic)	<input checked="" type="checkbox"/> Peters, Jim (DKS Associates)
<input type="checkbox"/> Geisler, Aaron (Polk County)	<input checked="" type="checkbox"/> Price, Nathaniel (FHWA Oregon)
<input checked="" type="checkbox"/> Hockett, Terry (City of Salem)	<input checked="" type="checkbox"/> Shaddix, Jason (ODOT ITS)
<input type="checkbox"/> Hottmann, Kevin (City of Salem)	<input checked="" type="checkbox"/> Sularz, Brandy (DKS Associates)

ITS INTRODUCTION	ACTION ITEMS
DKS provided a brief presentation on Intelligent Transportation Systems and how advanced technologies can be applied to the transportation needs of the Salem-Keizer Metropolitan Area.	
USER NEEDS GROUP DISCUSSION	ACTION ITEMS
<p>After the presentation, existing user needs were presented in a handout; they were organized according to the following areas of interest:</p> <ul style="list-style-type: none"> • Travel and Traffic Management • Emergency Management and Incident Management • Traveler Information and Information Management • Public Transportation Management • Maintenance and Construction Management <p>The existing needs were discussed and new user needs related to each</p>	DKS will update the User Needs Assessment Chapter based on the new input from the User Needs Workshop.

of the topics were identified. The new user needs are listed below.

Travel and Traffic Management

- Need mapped height and weight restrictions for possible diversion routes
- Need to communicate restrictions to the detour route (for incident or pre-planned construction)
- Emergency responders need to choose an alternate path
- Need to provide railroad crossing occupation information
- Need to communicate closures due to events at the Capitol
- Need to provide information on capitol closures to public and emergency responders
- Need parking management at the convention center
- Need advanced notification about parking for convention center
- Need a parking management plan and advanced signage
- Need to manage parking structures downtown
- Need to distribute information to the media
- Need signal interconnect on Cordon Road (switch to emergency timing plan)
- Need advanced information to E-W travelers (Cordon in the event of detour)
- Need a communication interoperability solution for contact with Salem Police Department
- Need for evacuation plan in case of an emergency rail event (hazardous material moving through Salem)
- Need to get air bag deployment data from private sector vendors
- Need count stations
- Need to use ATR for detour route plans

Emergency Management and Incident Management

- Need to generate an evacuation plan for emergency rail event
- Need to get data from Mayday systems (private sector data feed)
- Need to obtain air bag deployment information
- Need to be able to share digital video to first responders at the scene
- Need to have video at the dispatch center
- Need quick clearance process/laws
- Need to investigate crime scenes better/quicker speed up processes
- Need to define what the district attorney really needs for accident investigation
- Need to be able to call in the right people and tools to shoot scene in 20 minutes not 3-4 hours
- Need to share database information better (one database for all information)
- Need link between regions Emergency Operations Center and

<p>Agency Operations Center</p> <ul style="list-style-type: none"> • Need to expand emergency response to share Agency stuff with police and fire. • Need to be standard basemap so everyone can get to it • Need to display video image on Cable TV. Possible to use with Channel 22 and 23 local cable channels <p>Traveler Information</p> <ul style="list-style-type: none"> • Need cameras on Salem Parkway • Need cameras on Willamette bridges • Need CCTV Coverage, better images for TripCheck • Need cable TV channel for traveler information (possibly use public television channel with no cost, just need good quality images for station) • Need a quality image for TripCheck, current City of Salem cameras are black and white • Need to include parking information for highway advisory radio in Salem • Need to broadcast messages to cellular phones • TripCheck needs to send information to view image to cellular phone as jpeg • Link traffic information to xm radio because they have an xm traveler information channel <p>Public Transportation</p> <ul style="list-style-type: none"> • Need to know ferry is closed from town • Need ferry info on TripCheck • Need advanced signage for closures and ferry status • Need to manage security issues on ferry • Need a security camera with outputs to a remote location for safety management • Need traffic counts on the ferry <p>Maintenance and Construction</p> <ul style="list-style-type: none"> • Need more weather stations • Need to automate the collection and maintenance planning • Need better maintenance planning 	
PROJECT SCORING EXERCISE	ACTION ITEMS

<p>A list of transportation challenges and user needs were grouped according to their functional area. Each workshop participant was given seven dots and instructions to place the dots next to the categories that represents the most critical needs from their perspective. The results from this exercise are included in the table below.</p>	<p>DKS will incorporate priorities identified by expanded stakeholders into subsequent steps of the regional ITS plan for the Salem-Keizer Metropolitan Area.</p>
NEXT STEPS	ACTION ITEMS
<p>The next expanded stakeholder meeting will be the Deployment Plan Workshop. This workshop will utilize community input for selecting specific ITS projects for 20-year deployment in the Salem-Keizer region. It is tentatively scheduled for June 21, 2005.</p>	<p>DKS will send invitations announcing the date and location of the next expanded stakeholder workshop.</p> <p>Steering committee members will provide DKS Associates with additional contacts for the next expanded stakeholder workshop.</p>
NEXT MEETING	
<p style="text-align: center;">Steering Committee Meeting #4 Agenda: Operational Concept 2:00pm to 4:00pm April 21, 2005 City of Salem</p> <p style="text-align: center;">Expanded Stakeholder Deployment Plan Workshop Agenda: Deployment Plan June 21, 2005, tentative</p>	

Dots	Challenge	Problem Specifics
7	Traffic congestion from incidents	Limited transportation information available at the TOC (incident detection, video) Lack of incident classification information Improved agency coordination for incident response Need improved detour route management
9	Transportation during evacuation/terrorism	Need real-time traffic conditions at EOC Need to provide route information/road closures to evacuees Need plan for terrorist attacks and capitol mall security issues
7	Lack of transportation information	Lack of information for operations personnel ODOT TOC gets calls for traffic signal problems. Operators do not have access to traffic signal status information Need a central source for construction information Need real-time, accessible traveler information Need to integrate information from multiple sources (construction, incidents, transit) Need to have information related to road closures, major accidents and detour information available to 911 center
5	Need improved information for transportation planning	Data exists in some cases such as traffic counts, but it needs to be in a useable format Vehicle classification would be useful Data needs to be in a common format for real-time sharing of information and long term access to the information
17	Need ways to improve operations efficiencies	Common system software to access remote field devices (NTCIP protocol) Need common communication between agencies.
3	Ongoing operations/management issues	Data in same format Keeping information current Managing huge amounts of data collected Providing easy access to the information (e.g. maintenance personnel access to weather information)
2	Maintenance and Construction management	Information regarding flood and slide monitoring Vehicle maintenance management Need to provide a central source for construction information Improve safety in construction zone by providing video on site, better traffic control and advance signing in construction zones. Improve construction activity information (e.g. monitor delays, provide travel time information)
0	Public Transportation Management	Transit reliability Implement transit signal priority along bus routes Incorporate transit arrival information Need a uniform CAD interface between fixed route and paratransit
4	Need to maintain/improve emergency response times	Need to share incident information between 911, police, fire and transportation. Delays caused by traffic congestion Delays caused by road construction Delays caused by unforeseen events (railroad crossings) Delays caused by temporary closures Delays caused by traffic control devices (signal preemption)
1	Commercial vehicle delay	"Unrestricted freight mobility"