

Memorandum



April 22, 2010

TO: Highway Leadership Team Members

FROM: Laura Wipper, Manager, Asset Management Integration Section

SUBJECT: **Question from Asset Management Steering Committee:**

What is the position of the Highway Division regarding the use of the FACS-STIP Tool; how does ODOT institutionalize the use of the tool?

Background: ODOT staff across the state has not enjoyed an enterprise source of commonly used highway asset and attribute data. Dialogues revealed that, even when consistent statewide data was available, staff did not have a common knowledge of its existence or appropriate sources for reports. The end result has been many, many efforts to acquire data for a single use which means high cost for “throw away” data. The FACS-STIP Tool is the beginning for change in how ODOT staff goes about obtaining data. It was developed to use existing corporate data and to include new statewide asset inventories built through Asset Management initiatives. The tool is an easy to use source for inventory and other data, allows users to export reports in Excel and then provides a mechanism for updating or correcting this corporate data through an asset commenting function. This function also allows updated Excel files used for 1R Roadside Inventories to be uploaded via this comment function with an auto email notification sent to the AMI Section and Data Owners. These comments and reports are then available to all ODOT staff until corporate data is updated and cycled back into the tool.

Appropriate Uses:

- Scoping
- 1R Roadside Inventory (FHWA requirement for program approval)
- Implementation of Practical Design
- Queries about highway numbers, connections, mile points and other location information such as township, range and section
- Comments by maintenance or project staff regarding
 - Issues in relation to a specific location, highway segment or project
 - Updates or corrections to asset data based on better location data, replacement or changing conditions
- Other inventory and/or known condition reports

Potential Issues:

- Networks in some offices may not provide for optimum use (so far Klamath Falls – a site with significant network constraints before upgrades – was not reporting any issues)
- An ODOT culture that is not used to using data collected and provided by others
- Others?

Recommendation: AMI staff and the members of the FACS-STIP Tool steering committee and project team recommend that the Highway Division limit a *requirement* to use the tool to those related to compliance with FHWA expectations around the 1R Program. However, use of the tool and its data should be *encouraged* for scoping and other appropriate highway network and asset questions. Questions or concerns about data should be channeled through AMI for facilitated resolution and an ODOT solution.

FACS-STIP Tool

(Features, Attributes and Conditions Survey-Statewide Transportation Improvement Program Tool)

Access it at: <http://intranet.odot.state.or.us/otms/facs-stip/index.html>

This site includes links to the tool and supporting documentation

Data Currently Available	
<u>Data2Go Tool</u>	<u>Map Tool</u>
<ul style="list-style-type: none"> • ADA Ramps • Approaches • Auto Traffic Recorder Sites • Bike Facilities • Bridges • Culverts • Fish Passage • ITS Sites • Pavement • Place to Record Special Problems • Retaining Walls • Safety (Crashes, SPIS, SIP) • Sidewalks • Traffic (Volume - Posted Speed) • Traffic Barriers • Traffic Signals • Traffic Support (Signs) • Tunnels • Unstable Slopes • Weigh in Motion Sites 	<ul style="list-style-type: none"> • Aggregate Sites • Bridge and Culvert Locations • Bridge, Pavement, and Safety Project Lists • Counties and Cities • Crash Rates • Number of Lanes, Right and Left Shoulder • Pavement Conditions • PLSS (Township/Range/Section) • Regions and Districts • Signed Routes & Road Networks • SIP 2005-2007 • STIP 2008-2011 • Traffic Flow • Traffic Projections

Comment Options Currently Available		
Projects: <ul style="list-style-type: none"> • Bridge • Safety • Preservation • Modernization • Operations • 1R <ul style="list-style-type: none"> ○ Includes file upload function for updated Roadside Inventories 	Assets: <ul style="list-style-type: none"> • ADA Ramps • Aggregate Sites • Approaches • ATR Sites • Bike Facilities • Bridges • Culverts • Environmental • Fish Passage • Interchanges • ITS Sites • Pavement • Retaining Walls • Sidewalks • Sound Barriers • Traffic Barriers • Traffic Signals • Traffic Structures • Traffic Support-Signs • Tunnels • Unstable Slopes • Wetland Mitigation Sites • WIM Sites • Other 	General <ul style="list-style-type: none"> • Point • Line • Polygon

KING Scott W * ODOT

From: WIPPER Laura R
Sent: Wednesday, April 21, 2010 3:58 PM
To: JABLONSKI William R * Bill; PROCK Sandra; CANTRELL Edward W; STICH Candice A; BURFORD James P; ROBERTS Thomas D * Dan; MATEJSEK Martin R; PFEIFFER Amy L; MALONEY Sean; WALLACE Thomas G
Cc: LINDLAND Steven R; KING Scott W * ODOT; HANSEN Laura L; MEAD Susan A; RINGEISEN David W; GARD Howard A * Hal; SCOFIELD Dennis J; HUNN-BASL Kimberly
Subject: NEW - FACS-STIP Tool, Version 2.0
Importance: High

Hello FACS-STIP Tool Liaisons!

We are getting ready to move the latest version of the tool into production on April 22. We have also been working hard to make supporting information easily available to users. To this end, Scott King (with ever so little help from his friends) has been working on a website with useful links to the tool, the user guide, FAQs, etc. Check this out at:

<http://intranet.odot.state.or.us/otms/facs-stip/index.html>

Please remember that you will continue to see the current, but previous, version of the FACS-STIP Tool until bright and early Thursday morning. Both versions remain on servers outside ODOT so some of the old and new links in the left navigation still will not work. You can find these same links - but all functional - on this new website Scott has built so folks have options until we migrate the tool to ODOT servers. I'd say our website is about at 1st or 2nd notification so please check back for updates, new links and so on.

For more information about what is new in the tool, read on:

The FACS-STIP Tool has recently been upgraded to Version 2.0. This upgrade includes some new features that we heard would be desirable from Project Leaders and Region Tech Center staff involved with Project Scoping and 1R Projects. The Home Page has a much improved Comment feature. Comment locations can now be shown. A new Comment Manager shows additional details and a Comment Status indicator. Comments can now be queried by Author, Date or Comment ID. New Hyper Links have been added to the Home Page for ORS 366,215 Highways, Rail Freight Map and MCTD Truck Route Maps. We think you will really like these new features and they should improve the usefulness of the FACS-STIP Tool. Other new features include:

- Expanded and Enhanced Commenting Tool to include Modernization, Operations and 1R Projects. Asset Comments can now be made for 24 Assets.
- 1R Roadside Inventory Excel Files can be Up-loaded to the Tool with an auto email notification sent to AMI and the Data Owners.
- New Identify Options to Include Bridge Projects, Safety Projects, Preservation Projects, Bridges, Culverts, STIP 2008-2011, Freight Routes and PLSS (T/R/S).
- Additional Assets/Features in Data2Go include ATR Sites, Traffic Signals, Tunnels and WIM MCTD Sites. With these additions all traffic loops are now accessible.

There are also numerous smaller enhancements that make the FACS-STIP Tool easier to use. Please share with us your thoughts concerning these new features. We can provide training on Version 2.0 either in person or by Live Link. Contact us for training requests, questions or comments.

KING Scott W * ODOT

From: LINDLAND Steven R
Sent: Thursday, May 27, 2010 3:02 PM
To: HARRINGTON Floyd A; CARTWRIGHT Carol A; BURFORD James P; MORRIS Michael L; WALLACE Thomas G; ODOT Project Leaders; ODOT Area Managers; CLARK Tamira J; COOLEY Steven B; THOMPSON Mark; HEACOCK Jon W; DAVIS Steven A * Tech Center Manager
Cc: NELSON Catherine M * Cathy
Subject: 1R Roadside Inventories for FY 09 ARRA Projects
Attachments: 1R Roadside Inventories; 1R - Project Tracking 2009.xls

Twelve ARRA projects were contracted using 1R Standard in FY 09. The December 10, 2009 mail on 1R Roadside Inventories stated that the 1R Roadside Inventories needed to be completed for these 12 ARRA projects (see attached email). At the Roadway Leadership Team, a June 2010 completion date was set for these 12 1R Roadside Inventories. To date, we have received only one partially completed inventory. If you will not get these inventories completed by June, let me know the scheduled completion date so I can relay this information to Cathy Nelson, FHWA and the 1R Program Steering Team.



1R Roadside Inventories



1R - Project Tracking 2009.xls...

The Highway Leadership Team determined that the FACS-STIP Tool must be used to conduct the 1R Roadside Inventories. In the FACS-STIP Data2Go Tool, you can create Excel spreadsheets to use for the Roadside Inventory that will populate the form with data from the Tool that is from ODOT databases and other State Agencies. You can export these spreadsheets to personal computers and take them into the field on a laptop or as hard copies. If hard copies are taken into the field, update the Excel spreadsheet back in the office. All new or revised data should be identified by a **RED** font or **YELLOW** infill. After field data collection/verification, use the FACS-STIP Map Tool to create a 1R Project Comment and the Tool will prompt you for the Excel spreadsheet containing the updated inventories. The Tool will store the 1R Inventory Excel file and send an auto email to the Asset Management Integration Section and Roadway Engineering. The Asset Management Integration Section will review the updated Excel spreadsheet and send it to the appropriate Data Owners for QA/QC. The Data Owners will then update the corporate asset database with the new data as needed. The link to the FACS-STIP Tool and additional supporting information, including a User's Guide, is provided below. You can also contact the Asset Management Integration Section staff for individual training if desired.

<http://intranet.odot.state.or.us/otms/facs-stip/index.html>

1R Roadside Inventories should be conducted and reported for new 1R STIP projects prior to PS&E. If this is not possible, let me know what the scheduled completion date is.

If you have any questions, feel free to give me a call or send me an e-mail.