

HIS 2011  
HPMS Software Update

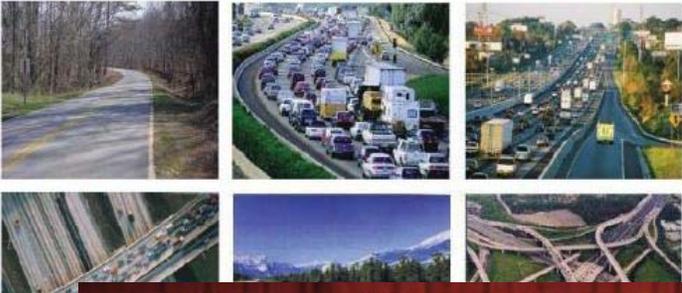
# HPMS Software Update

Coming Attractions  
Ongoing Enhancements  
Review Module

# Coming Attractions

DATA EDITORS DATA VALIDATION SAMPLE MANAGEMENT CALCULATION REPORTS & ANALYSIS SUBMIT DATA ADMIN EXIT

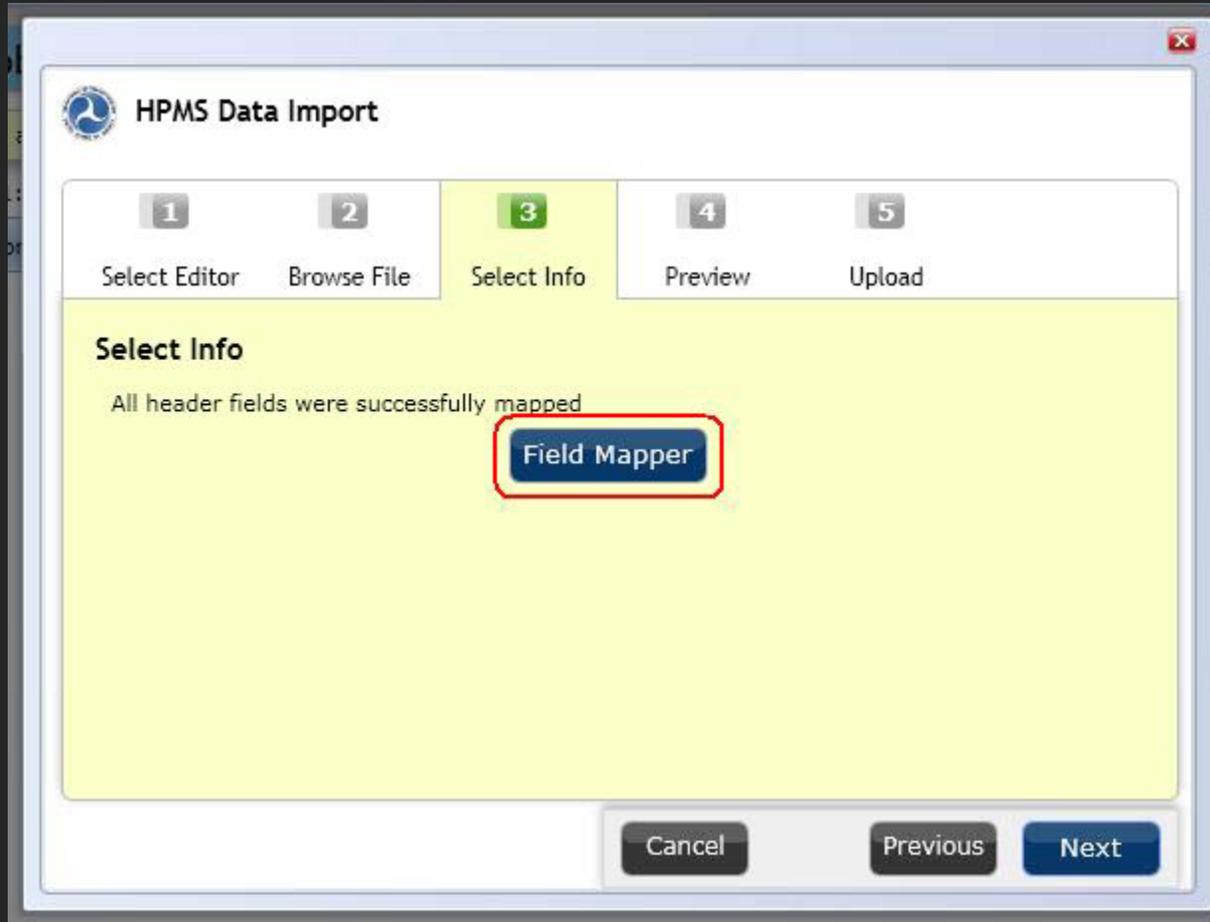
Home Year: 2010 State: 8 - Colorado



The image shows a screenshot of a web application interface. At the top is a navigation menu with links: DATA EDITORS, DATA VALIDATION, SAMPLE MANAGEMENT, CALCULATION, REPORTS & ANALYSIS, SUBMIT DATA, ADMIN, and EXIT. Below the menu is a header area with 'Home' on the left and 'Year: 2010 State: 8 - Colorado' on the right. The main content area features a grid of six images: a winding road through a wooded area, a highway traffic jam, a highway interchange, a highway interchange, a mountain landscape, and a highway interchange.



# Revised Field Mapper



# Revised Field Mapper

Current

The current Field Mapper dialog box has a title bar with a close button and buttons for Save and Cancel. It contains two columns: 'Field From Import File' and 'HPMS Field Name'. Each row in the table has a text input field for the import file field name and a dropdown menu for the HPMS field name.

Field From Import File	HPMS Field Name
"year_record	▼
state_code	State_Code ▼
route_id	Route_ID ▼
begin_point	Begin_Point ▼
end_point	End_Point ▼
data_item	Data_Item ▼
section_length	Section_Length ▼
value_numeric	▼
value_text	Value_Text ▼
value_data	▼
comments"	▼

Future

The revised Field Mapper dialog box has a title bar with a close button and buttons for Save and Cancel. It is divided into two sections: 'HPMS Fields' and 'Fields From Import File'. Each field in the 'Fields From Import File' section has a dropdown menu with an asterisk indicating it is a required field. A legend at the bottom indicates that the asterisk denotes required fields.

HPMS Fields	Fields From Import File
Estimate_Type	* estimate_type ▼
F_System	* f_system ▼
Is_State_Owned	* is_state_owned ▼
Is_Urban	* is_urban ▼
State_Code	* state_code ▼
Year_Record	* year_record ▼
Last_Modified_By	* ▼
Last_Modified_On	* ▼
Value_Numeric	* value_numeric ▼

\* - Required Fields

# Streamlined Geometries Process

The screenshot displays a GIS application interface. At the top, a header bar shows 'Year: 2010' and 'State: 8 - Colorado'. Below this, a map of Colorado is visible, with several cities labeled: Fort Collins, Arvada, Aurora, Denver, Centennial, Colorado Springs, Pueblo, Atwood, Scott City, and Springfield. A mouse cursor is pointing at Pagosa Springs on the map.

Overlaid on the map is a 'Sections' dialog box. The dialog has a title bar 'Sections' and a sub-header 'Create Geometries'. It contains a table with the following data:

Geometry	Last Updated
<input checked="" type="checkbox"/> Sections	12:04:00 11/4/2011
<input type="checkbox"/> Samples and Tops	10:00:00 11/4/2011
<input type="checkbox"/> Validation	11:00:00 11/4/2011

Below the table are two buttons: 'Create Geometries' and 'Close'. To the left of the dialog is a vertical toolbar with four icons: a funnel for 'Pick Data Item', a plus sign for 'Add', a document with an arrow for 'Copy', and a gear for 'Create Geoms.'. At the bottom of the dialog, there is a table with the following headers: 'Begin Point', 'End Point', 'Section Length', 'Value Numeric', and 'Value Text', each with a dropdown arrow.

# Streamlined Geometries Process

Year: 2010 State: 8 - Colorado

**Sections**

**Create Geometries**

Geometry	Last Updated
<input checked="" type="checkbox"/> Sections	12:04:00 11/4/2011
<input checked="" type="checkbox"/> Samples and Tops	10:00:00 11/4/2011
<input checked="" type="checkbox"/> Validation	11:00:00 11/4/2011

Create Geometries Close

Pick Data Item  
Add  
Copy  
Create Geoms.

Origin Point ▾ End Point ▾ Section Length ▾ Value Numeric ▾ Value Text ▾

Map labels: Fort Collins, Arvada, Aurora, Denver, Centennial, Colorado Springs, Pueblo, Pagosa Springs, Atwood, Scott City, Springfield.

# Stored Import/Export History

DATA EDITORS DATA VALIDATION SAMPLE MANAGEMENT CALCULATION REPORTS & ANALYSIS **SUBMIT DATA** ADMIN

## Import Jobs

Year: 2009 State: 6 - California

Tip: Selecting a row will reveal more details about an import.

Last updated: 2:43:10 PM

Show entries more than two weeks old

	Report	Job Code	Job Status	Submitted File	Progress	Est. Duration
---	--------	----------	------------	----------------	----------	---------------

# Sample Splitter

HPMS v8 - Reports - Windows Internet Explorer

https://fhwapap03.fhwa.dot.gov/hpms8p/#/State

U.S. Department of Transportation  
Federal Highway Administration

Highway Performance Monitoring System v8.0

Submittal Review National

DATA EDITORS DATA VALIDATION SAMPLE MANAGEMENT CALCULATION REPORTS & ANALYSIS SUBMIT DATA ADMIN EXIT

### Validation

Year: 2010 State: 41 - Oregon



Validate LRS  
Validate Cross Check  
Validate Samples  
Graph

Type	Route ID	Begin Point	End Point	Data Item	Error Message	Error Description	Last Modified By	Last Modified
Sample	00100I00	245.840	248.410	SAMPLE	Sample Crosses Over TOP	Sample ID=000I00524584	Clarke, Justin S	11/10/201
Sample	00400D00	92.080	92.300	SAMPLE	TOP Not Found	Sample ID=1000409208	Clarke, Justin S	11/10/201
Sample	00700D00	245.710	246.410	SAMPLE	TOP Not Found	Sample ID=1000724571	Clarke, Justin S	11/10/201
Sample	01000I00	58.960	64.640	SAMPLE	Sample Crosses Over TOP	Sample ID=1001005887	Clarke, Justin S	11/10/201
Sample	01500D00	1.120	1.530	SAMPLE	TOP Not Found	Sample ID=1001500112	Clarke, Justin S	11/10/201

Total Validations: 23 Page 1 of 1

Done Trusted sites 100%

# Sample Splitter

The screenshot displays the HPMS v8 Reports interface in a Windows Internet Explorer browser window. The browser address bar shows the URL <https://fhwap03.fhwa.dot.gov/hpms8p/#/State>. The page title is "HPMS v8 - Reports". The interface includes a navigation menu with options like "DATA EDITORS", "DATA VALIDATION", "SAMPLE MANAGEMENT", "CALCULATION", "REPORTS & ANALYSIS", "SUBMIT DATA", and "ADMIN". The current view is "Validation" for "Year: 2010" and "State: 41 - Oregon". A map of Oregon is visible, with a dialog box titled "Split Sample By Tops" overlaid on it. The dialog box contains the question "Would you like to split sample by tops?" and two buttons: "Split" and "Cancel". Below the map is a table of validation results.

Type	Route ID	Begin Point	End Point	Data Item	Error Message	Error Description	Last Modified By	Last Modified
Sample	00100I00	245.840	248.410	SAMPLE	Sample Crosses Over TOP	Sample ID=000I00524584	Clarke, Justin S	11/10/201
Sample	00400D00	92.080	92.300	SAMPLE	TOP Not Found	Sample ID=1000409208	Clarke, Justin S	11/10/201
Sample	00700D00	245.710	246.410	SAMPLE	TOP Not Found	Sample ID=1000724571	Clarke, Justin S	11/10/201
Sample	01000I00	58.960	64.640	SAMPLE	Sample Crosses Over TOP	Sample ID=1001005887	Clarke, Justin S	11/10/201
Sample	01500D00	1.170	1.530	SAMPLE	TOP Not Found	Sample ID=1001500117	Clarke, Justin S	11/10/201

Total Validations: 23

# Quick Report Generation

VALIDATION SAMPLE MANAGEMENT CALCULATION REPORTS & ANALYSIS SUBMIT DATA ADMIN

Year: 2010 State: 8 - Colorado

ed: 4:13:18 PM

Job Code	Job Status	Submitted On
Generate Reports	Complete	11/3/2011 10:39:03 AM
Generate Reports	Complete	10/24/2011 1:46:22 PM

### Report Selection Window

Select the reports you would like to generate and click "Ok."

Select All Clear All

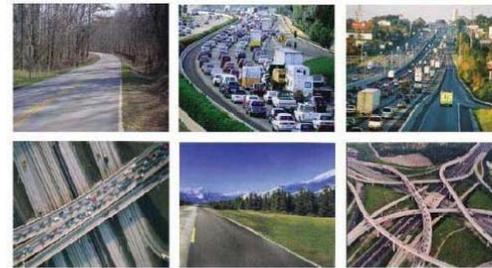
- Overview
- Validation Summary
- Extent and Travel
- Ownership
- Consistency
- Interstate Extent and Travel by Route Number
- Extent and Travel on the NHS
- IRI on NHS
- IRI on Federal Aid Highways

OK Cancel

# Quick Start Guide 2.2

- Create Geometries
- Sample Splitter
- Updated Report Section
  
- Version 3.0 to be released next Spring
- User Manual to be released early Summer

## Highway Performance Monitoring System



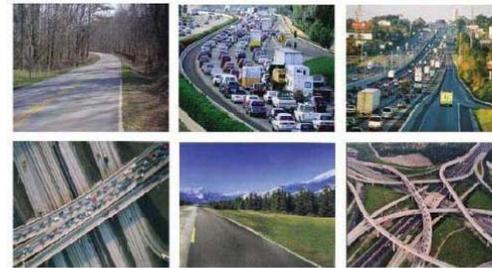
**Version 2.2**  
**November**  
**2011**

Quick Start Guide for Version 8.0  
Federal Highway Administration

# Quick Start Guide 2.2

- Revised workflow guidance

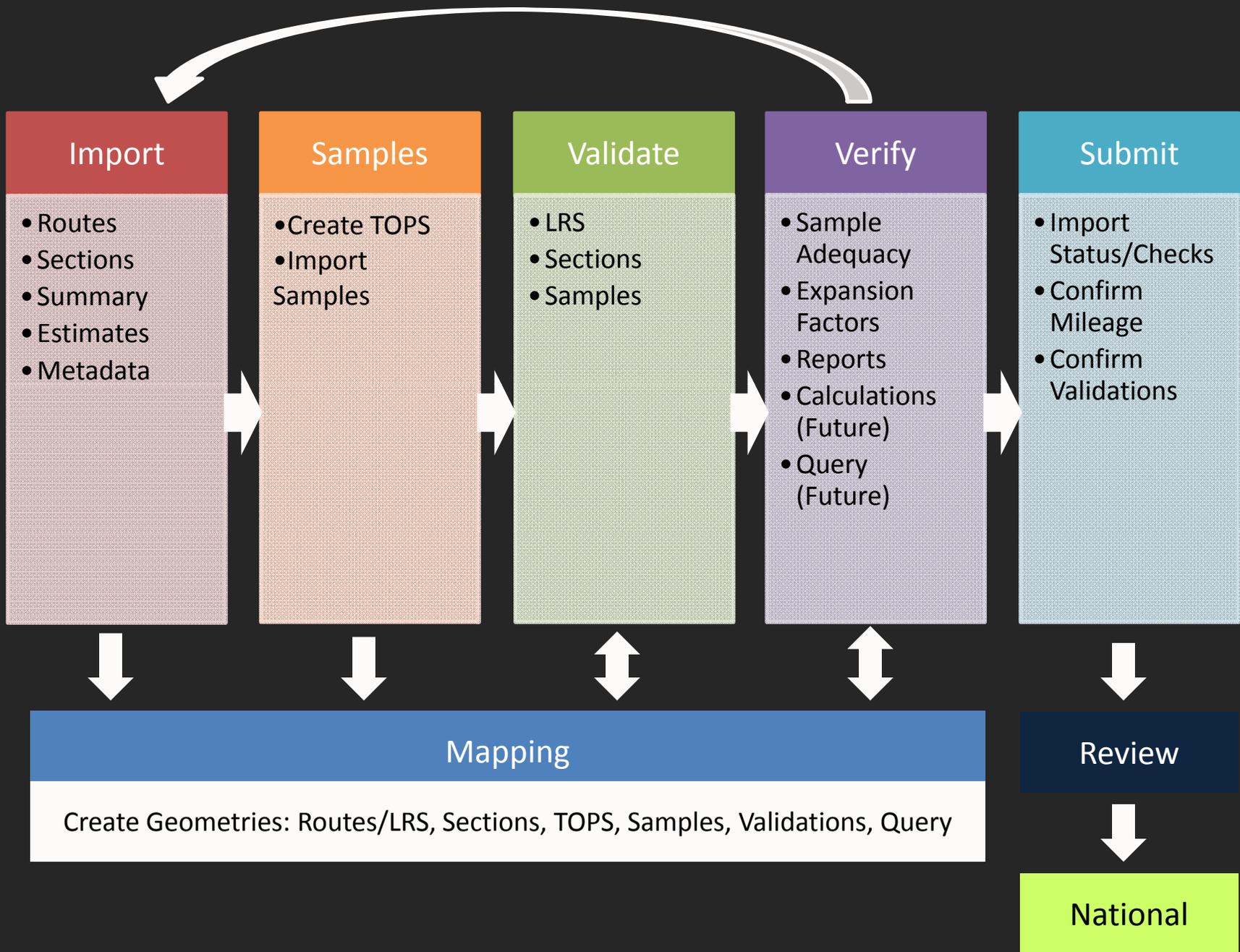
## Highway Performance Monitoring System



*Version 2.2  
November  
2011*

Quick Start Guide for Version 8.0  
Federal Highway Administration

# HPMS v.8 Process 2011



# Ongoing Enhancements

- Enable Cancel on Import Screen
- Add Detailed Information in Job/Application Log
- Show Recent and All in Job Records
- Show Loading Notice in Map Window
- Change Data Filter for IsGeometry to Drop Down
- Read Certified Miles From File
- Enable Metadata View
- Modify FME to Handle Connected Parts

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# More Ongoing Enhancements

- Redesign all Reports CSV
- Save Spatial Intersection Results to Shape
- Add Ad hoc Query Window
- Fix of Unit Conversions
- Allow states to do partial data entry for summary screens (save as work in progress)
- Improve clarity of Summary text and labels

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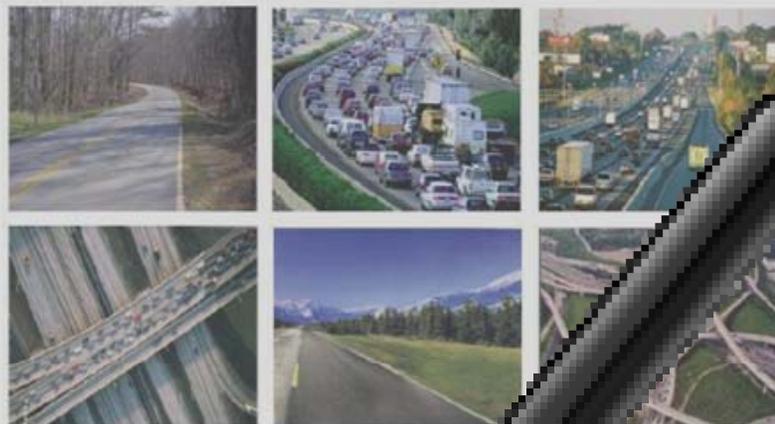
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Home

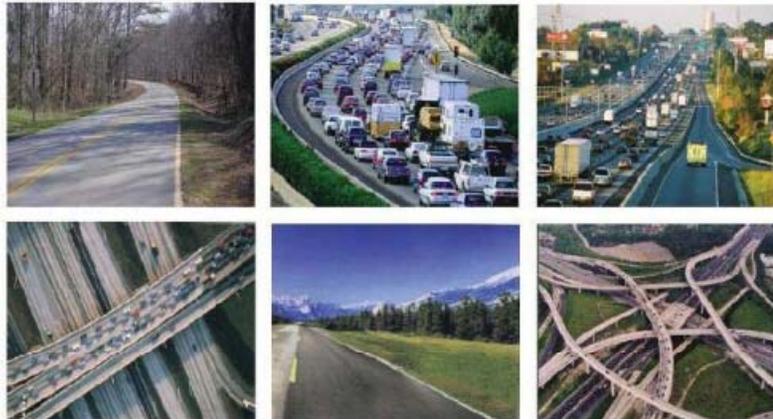
Year: 2010 State: 11 - District of Colum



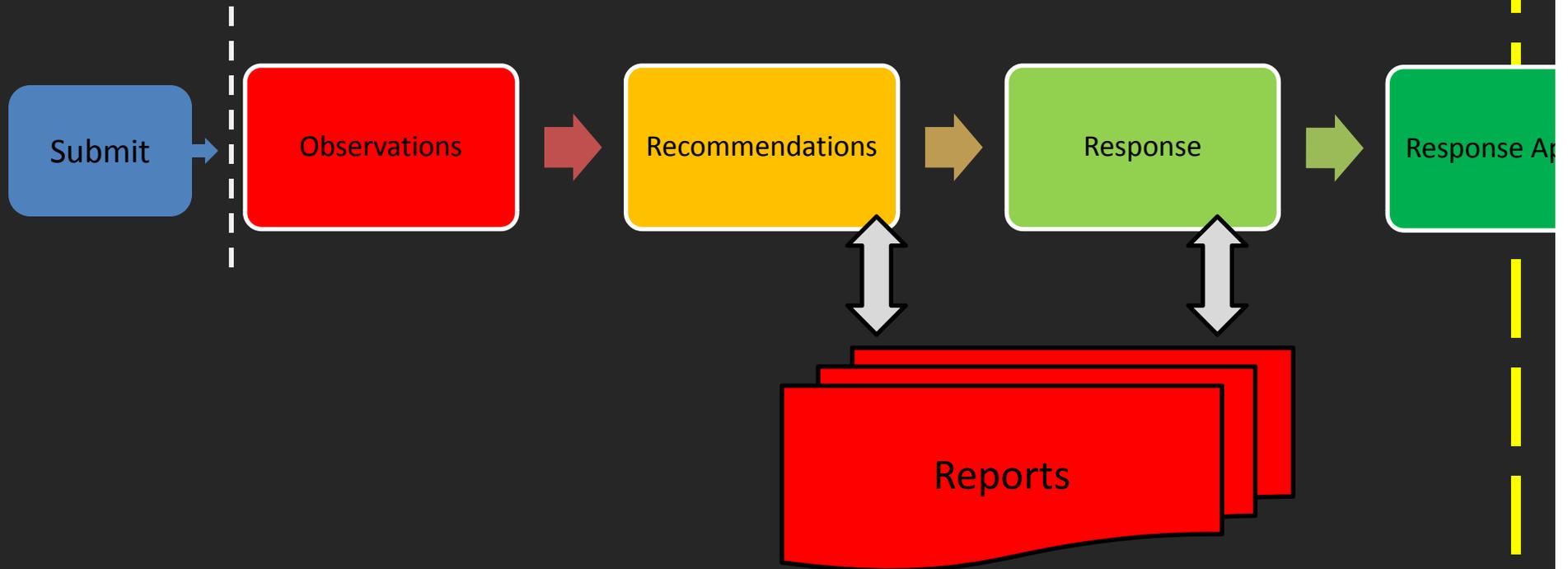
Review  
Module

Home

Year: 2010 State: 11 - District of Columbia



# Review Workflow



## Dashboard

Year: 2009 State: 8 - Colorado

### Review Status



Collecting  
Observations



Creating  
Recommendation  
Report



Awaiting  
Recommendation  
Report Approval



Creating Response  
Report



Awaiting Response  
Report Approval



Review  
Complete



## Headquarters

### Observations

Total Items: 12  
Referenced: 6

### Recommendations

Total Items: 0  
Report: *Not created*

## HPMS Division

### Division Responses

Total Items: 0  
Responded: 0  
Report: *Not created*



Submittal

Review

National

DASHBOARD

SUBMITTED DATA

OBSERVATIONS

RECOMMENDATIONS

DIVISION RESPONSES

SEND TO NATIONAL

ADMIN

## Observations

Year: 2009 State: 8 - Colorado

### Add New Observation



Add  
Observation

Source:

- HPMS
- Division
- Traffic
- Pavement

Observation:

Save

Cancel

	Observation_Year	Created_By
am condimentum cras curabitur duis nunc	2010	Aaberg, Jesper
scelerisque vestibulum	2009	Adams, Ellen
esque consectetur maecenas	2009	Adams, Terry
: donec aenean etiam convallis pellentesque vivamus	2009	Adams, Terry
m fusce aliquam praesent amet nullam est lorem	2009	Penor, Lori
cumsan ullamcorper pellentesque elementum auctor suspendisse	2009	Pfeiffer, Michael
us bibendum facilisis pellentesque	2009	Philips, Carol
dictum dictumst hac fringilla aliquet vestibulum	2008	Poe, Toni

Observations

Year: 2009 State: 8 - Colorado



Add  
Observation

ID	Referenced	Disregard	Observation	Observation_Year	Created_By
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nam sed suspendisse aliquam condimentum cras curabitur duis nunc	2010	Aaberg, Jesper
2	<input type="checkbox"/>	<input type="checkbox"/>	Class phasellus consequat scelerisque vestibulum	2009	Adams, Ellen
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Integer dis quisque pellentesque consetetuer maecenas	2009	Adams, Terry
4	<input type="checkbox"/>	<input type="checkbox"/>	Adipiscing curae parturient donec aenean etiam convallis pellentesque vivamus	2009	Adams, Terry
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mauris sollicitudin dignissim fusce aliquam praesent amet nullam est lorem	2009	Penor, Lori
6	<input type="checkbox"/>	<input type="checkbox"/>	Aptent vestibulum ante accumsan ullamcorper pellentesque elementum auctor suspendisse	2009	Pfeiffer, Michael
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Congue consetetuer cursus bibendum facilisis pellentesque	2009	Philips, Carol
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fermentum condimentum dictum dictumst hac fringilla aliquet vestibulum	2008	Poe, Toni

## Recommendations

Year: 2009 State: 8 - Colorado



Add New

### Edit Recommendation

**Title:**

**Background:**  
**(Not bolded in report)**

The State's sampling is in generally good condition with only a nominal number of undersampled volume groups. We encourage Maryland to continue to actively manage their sample panel annually and randomly add samples as need to any deficient volume groups.

**Recommendation:**  
**(Bolded in report)**

Per the conference call, the State agrees to continue to address any undersampling.

**Referenced Observations:**

1 - The State reports approximately 140 miles of public roads owned by various Federal agencies...  
3 - The State's sampling is in generally good condition with only a nominal number...  
5 - We note 98 sample sections in the State's 2009 data that are coded with lane width values...

Save

Cancel

Recommendation Entry



## Recommendations

Year: 2009 State: 8 - Colorado



Add New

### Recommendation Entry



Comments

#### Sampling Issues:

The State's sampling is in generally good condition with only a nominal number of undersampled volume groups. We encourage Maryland to continue to actively manage their sample panel annually and randomly add samples as need to any deficient volume groups.  
**Per the conference call, the State agrees to continue to address any undersampling.**



Comments

#### Federal Mileage:

The State reports approximately 140 miles of public roads owned by various Federal agencies in their 2009 HPMS data submittal; the Federal agencies report to FHWA a total of 846 miles. Maryland explains that while they have a map of all public roads, they as yet do not include some roads that may be open to public travel that are owned by various Federal agencies including the military.  
**We recommend that the State review these data and include as many Federally owned, open to public travel roadways as possible in future data submittals.**



Comments

#### Lane Width:

We note 98 sample sections in the State's 2009 data that are coded with lane width values outside of the 6-18 foot range.  
**Per the conference call, the State explained that the majority of these sections have been verified as accurately coded.**



Comments

#### K-Factors:

Maryland still reports unusually low K-factor values (6.0 percent) in their 2009 HPMS data for four sampled functional systems. We acknowledge and understand that these values are based on actual data which the State reviews frequently.  
**Maryland agrees to verify these data and supply FHWA with a report indicating the source data.**



Comments

#### High Section Usage:

We note 15 sections in the State's 2009 data that appear to have significantly high calculated values of approximately 1,500 vehicles per hour per lane (VPHPL).  
**Maryland agrees to look into this issue and verify these sections as having accurately coded data.**



Submittal

Review

National

DASHBOARD

SUBMITTED DATA

OBSERVATIONS

RECOMMENDATIONS

DIVISION RESPONSES

SEND TO NATIONAL

ADMIN

## Recommendation Report

Year: 2009 State: 8 - Colorado



New  
Report  
Wizard

**No report has been constructed.  
Please do so using the "New Report Wizard."**



## Report Wizard

1

Welcome

2

Header / Close

3

Intro

4

Content

5

Preview

6

Finish

### Welcome

Welcome to the report wizard. This wizard will aid you in creating your report to the best of its abilities. You will be prompted to fill in these sections.

- \* Header / Point of Contact
- \* Introduction
- \* Recommendations
- \* E-Mail Notifications

You will be able to save the report to your computer as well as set it to the current report.

Cancel

Next



# Report Wizard

1

Welcome

2

Header / Close

3

Intro

4

Content

5

Preview

6

Finish

## Header

State:	<input type="text" value="Maryland"/>
Year:	<input type="text" value="2009"/>
Date of Report:	<input type="text" value="August 17, 2010"/>
Original Signer:	<input type="text" value="David R. Winter, P.E."/>
Original Signer Official Title:	<input type="text" value="Director, Office of Highway Policy Information"/>
Division Administrator:	<input type="text" value="Mr. Nelson J. Castellanos"/>
Division Administrator Title:	<input type="text" value="HDA-MD"/>

## Closing (Point of Contact)

Name:	<input type="text" value="Robert Rozycki"/>
Phone:	<input type="text" value="202-366-5059"/>
E-Mail:	<input type="text" value="robert.rozycki@dot.gov"/>

Cancel

Previous

Next

## Report Wizard

1

Welcome

2

Header / Close

3

Intro

4

Content

5

Preview

6

Finish

### Introduction

We have completed our review of Maryland's 2009 HPMS data package and wish to thank the State and the Division for their efforts in submitting the HPMS data this year. Attached are specific comments on Maryland's 2009 data as discussed with Division and State HPMS staff contacts on August 10 which we consider a priority for resolution before the State reports the 2010 HPMS data. Please note as a reminder that the 2010 data submitted in 2011 will only be acceptable in the new 2010+ HPMS geospatially-based data format. We thank the State for their efforts if their current submittal was made in the new format and if not, we would like to let the State know that we will assist them to the extent possible in transitioning to the new format. Please contact us if we can be of assistance in this regard as we look forward to the continued success of the new 2010+ HPMS.

Your further assistance is needed in resolving any issues that may be remaining from prior years and in jointly developing and following through on a plan for addressing any previously unresolved issues. The State Planning and Research (SPR) work program is also an effective mechanism for addressing State commitments to data and process improvements, and to encourage States to provide quality data that support FHWA's business needs (23 CFR 420.105(b)).

We encourage you to conduct review and technical assistance efforts to maintain a high quality, timely, and credible HPMS data submittal. Keeping us engaged concerning your discussions with the State as you address these and other issues will ensure that we can offer further appropriate and timely technical assistance to both your office and the State. We look forward to your future review efforts to support quality HPMS data. Please remember to send your reviews and all correspondence in electronic format to the Office of Highway Policy Information official mailbox (HPInfoMail).

I

Cancel

Previous

Next

## Report Wizard

1

Welcome

2

Header / Close

3

Intro

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Content

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Preview

6

Finish

## Recommendations

Note: Recommendations must be modified in the recommendation Items

**Sampling Issues:**

The State's sampling is in generally good condition with only a nominal number of undersampled volume groups. We encourage Maryland to continue to actively manage their sample panel annually and randomly add samples as need to any deficient volume groups. **Per the conference call, the State agrees to continue to address any undersampling.**

**Federal Mileage:**

The State reports approximately 140 miles of public roads owned by various Federal agencies in their 2009 HPMS data submittal; the Federal agencies report to FHWA a total of 846 miles. Maryland explains that while they have a map of all public roads, they as yet do not include some roads that may be open to public travel that are owned by various Federal agencies including the military. **We recommend that the State review these data and include as many Federally owned, open to public travel roadways as possible in future data submittals.**

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Maryland still reports unusually low K-factor values (6.0 percent) in their 2009 HPMS data for four sampled functional systems. We acknowledge and understand that these values are based on actual data which the State reviews frequently. **Maryland agrees to verify these data and supply FHWA with a report indicating the source data.**

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Cancel

Previous

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# Report Wizard

1

Welcome

2

Header / Close

3

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4

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Finish

## Preview

August 17, 2010

ACTION: Review of 2009 Maryland Highway Performance Monitoring System (HPMS) Data  
(Original signed by David R. Winter, P.E.)

David R. Winter, P.E.  
Director, Office of Highway Policy Information

HPPI-20

Mr. Nelson J. Castellanos  
Division Administrator (HDA-MD)

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Cancel

Previous

Next



## Report Wizard

1

Welcome

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Header / Close

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6

Finish

**Complete**

**Inform approvers that the report is ready for signatures.**

1st Approver's E-Mail:

2nd Approver's E-Mail:



Cancel

Previous

Finish



## Recommendation Report

Year: 2009 State: 8 - Colorado



Sign



Dis-regard

August 17, 2010

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Performance Monitoring System (HPMS) Data  
(Original signed by  
David R. Winter, P.E.)

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We encourage you to conduct review and technical assistance efforts to maintain a high quality, timely, and credible HPMS data submittal. Keeping us engaged concerning your discussions with the State as you address these and other issues will ensure that we can offer further appropriate and timely technical assistance to both your office and the State. We look forward to

**Requires two signature from approvers. Division users currently may not view recommendations.**

Created By: Cho, Young

Created On: 6/01/2011

**1st Approval Signature**

Signed By:

Signed On:

**2nd Approval Signature**

Signed By:

Signed On:



## Recommendation Report

Year: 2009 State: 8 - Colorado



Sign

August 17, 2010

**ACTION:** Review of 2009 Maryland Highway  
Performance Monitoring System (HPMS) Data  
(Original signed by  
David R. Winter, P.E.)

David R. Winter, P.E.  
Director, Office of Highway Policy Information

HPPI-20

Mr. Nelson J. Castellanos  
Division Administrator (HDA-MD)

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**Requires one more signature from approver before, recommendations are available to division users.**

Created By: Cho, Young  
Created On: 6/01/2011

**1st Approval Signature**

Signed By: Bond, James  
Signed On: 6/02/2011

**2nd Approval Signature**

Signed By:  
Signed On:



## Recommendation Report

Year: 2009 State: 8 - Colorado

August 17, 2010

**ACTION:** Review of 2009 Maryland Highway  
Performance Monitoring System (HPMS) Data  
(Original signed by  
David R. Winter, P.E.)

David R. Winter, P.E.  
Director, Office of Highway Policy Information

HPPI-20

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**Signatures have been received.  
Division users may view  
recommendations.**

Created By: Cho, Young  
Created On: 6/01/2011

**1st Approval Signature**

Signed By: Bond, James  
Signed On: 6/02/2011

**2nd Approval Signature**

Signed By: O'Hare, Bucky  
Signed On: 6/03/2011



Submittal

Review

National

DASHBOARD

SUBMITTED DATA

OBSERVATIONS

RECOMMENDATIONS

DIVISION RESPONSES

SEND TO NATIONAL

ADMIN

## Division Responses

Year: 2009 State: 8 - Colorado

### Division Response Details

**Title:** Sampling Issues

**Recommendation:** The State's sampling is in generally good condition with only a nominal number of undersampled volume groups. We encourage Maryland to continue to actively manage their sample panel annually and randomly add samples as need to any deficient volume groups. Per the conference call, the State agrees to continue to address any undersampling.

**Division Response:** Highway merge areas are not being calculated in the total section length which compromises the accuracy of the guggenheimer-von-neuman highway tensile elasticity test. There needs to be a way to account for ...

Save

Cancel



## Division Responses

Year: 2009 State: 8 - Colorado

  Comments	<p><b><u>Sampling Issues</u></b></p> <p><b>Recommendation:</b> <i>Aenean nam cras maecenas sed class mauris duis aliquam integer dis quisque praesent nunc est vivamus amet ante aliquam aliquet arcu hac leo diam</i></p> <p><b>Response:</b> Cras nam aliquam duis aenean integer quisque maecenas class nunc mauris curae amet ante nullam arcu diam aptent donec vivamus praesent auctor etiam fusce congue aliquam eget sed dis cursus elit enim dictum est erat lorem</p>
  Comments	<p><b><u>Federal Mileage</u></b></p> <p><b>Recommendation:</b> <i>Mus eget blandit commodo curae conubia nullam accumsan nec donec non elit etiam enim aptent fusce</i></p> <p><b>Response:</b> N/A</p>
  Comments	<p><b><u>Lane Width</u></b></p> <p><b>Recommendation:</b> <i>Erat bibendum lorem per dictumst morbi auctor eros sed nulla sem congue cursus dictum nibh</i></p> <p><b>Response:</b> Leo mus nisl fames felis habitant gravida ipsum mauris inceptos nunc iaculis lacinia justo lacus lorem laoreet interdum magna natoque odio orci massa mollis metus pede</p>
  Comments	<p><b><u>K-Factors</u></b></p> <p><b>Recommendation:</b> <i>Proin eleifend facilisi cubilia dapibus lectus faucibus egestas habitant sit vel libero ligula nam inceptos nisi sed euismod augue dolor fames litora dis nisl feugiat luctus magnis mattis est gravida</i></p> <p><b>Response:</b> N/A</p>
  Comments	<p><b><u>High Section Usage</u></b></p> <p><b>Recommendation:</b> <i>Hac nunc mauris leo mollis odio montes felis interdum iaculis ipsum mus nostra lobortis lacinia nascetur nec non per orci</i></p> <p><b>Response:</b> Sapien ultrices sed sem velit vehicula volutpat maecenas sit vitae rhoncus urna semper vel praesent class sociis accumsan curae sodales taciti nam bibendum donec viverra etiam fusce tellus</p>



Submittal

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DASHBOARD

SUBMITTED DATA

OBSERVATIONS

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SEND TO NATIONAL

ADMIN

## Division Report

Year: 2009 State: 8 - Colorado



New  
Report  
Wizard

**No report has been constructed.  
Please do so using the "New Report Wizard."**

New Report Wizard

## Report Wizard

1

Welcome

2

Header / Close

3

Intro

4

Content

5

Preview

6

Finish

### Welcome

Welcome to the report wizard. This wizard will aid you in creating your report to the best of its abilities. You will be prompted to fill in these sections.

- \* Header
- \* Introduction
- \* Responses
- \* Point of Contact

You will be able to save the report to your computer as well as set it to the current report.

Cancel

Next



# Report Wizard

1

Welcome

2

Header / Close

3

Intro

4

Content

5

Preview

6

Finish

## Header

State:	<input type="text" value="Maryland"/>
Year:	<input type="text" value="2009"/>
Date of Report:	<input type="text" value="August 17, 2010"/>
Division Admin:	<input type="text" value="SpongeBob Square Pants"/>
.	<input type="text"/>
.	<input type="text"/>
.	<input type="text"/>

## Close (Point of Contact)

Name:	<input type="text"/>
Phone:	<input type="text"/>
E-Mail:	<input type="text"/>

Cancel

Previous

Next



## Report Wizard

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Finish

### Introduction

Referencing Submittal Report Date:

12/01/2010

In reference to the March 15th, 2010 transmittal of the Data Submittal Review Comments Report for New Jersey's 2008 Highway Performance Monitoring System (HPMS) submittal, below are our comments addressing these issues contained in the Data Review.

Cancel

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## Report Wizard

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Finish

### Responses

Note: Responses must be modified in the recommendation Items page.

#### Sampling Issues:

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

#### Federal Mileage:

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

#### Lane Width:

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum

#### K-Factors:

Maryland still reports unusually low K-factor values (6.0 percent) in their 2009 HPMS data for four sampled functional systems. We acknowledge and understand that these values are based on actual data which the State reviews frequently. **Maryland agrees to verify these data and supply FHWA with a report indicating the source data.**

Cancel

Previous

Next

## Report Wizard

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Finish

## Preview

March 31, 2010

Dennis Merida  
Division Administrator  
Federal Highway Administration, Division Office  
840 Bear Tavern Road; Suite 310  
Trenton, New Jersey 08628

*Attention: Larry Cullari*

Dear Mr. Merida:

In reference to the March 15th, 2010 transmittal of the Data Submittal Review Comments Report for New Jersey's 2008 Highway Performance Monitoring System (HPMS) submittal, below are our comments addressing these issues contained in the Data Review.

➤ **Travel Data:**

Regarding the difference in the state's data for the 2008 Statewide HPMS travel (3.58%) decrease and the State's ATR data (2.14%) decrease, HPMS uses both continuous and short term counts. ATR data consist of only continuous counts; this would explain the difference between the two. We will review our travel data for these areas and their functional classifications as mentioned in your review comments for the 2010 HPMS submittal and make any needed changes and or updates.

➤ **Sampling Issues:**

We continue to use report Sample 9-10, Estimates of Standard Sample Adequacy and report Sample 11-12, Estimates of Donut Sample Adequacy when adding new sample sections. As you are aware, updating and satisfying under sampled volume groups is an on-going effort. The updating of AADTs each year has been known to cause a shift in the number of samples per volume group. We will continue in our efforts as always to add new sample sections where needed and to check their traffic volumes accordingly.

Cancel

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## Report Wizard

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Finish

**Complete**



**Inform approver that the report is ready for signatures.**

Approver's E-Mail:

DavyJones@DOT.gov

Cancel

Previous

Finish



## Division Report

Year: 2009 State: 8 - Colorado



Approve



Save to  
File

March 31, 2010

Dennis Merida  
Division Administrator  
Federal Highway Administration, Division Office  
840 Bear Tavern Road, Suite 310  
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➤ **International Roughness Index:**

Our IRI data is updated on a two-year cycle as dictated from the HPMS Field Manual, chapter IV. We update all new IRI data and retain existing values for sections until they are replaced by new measured values. We will update and or add new values when this data becomes available. The Bureau of Pavement Management provides us with the needed IRI data.

➤ **Future Daily Travel Growth:**

We will review the data for Summary 7 - Current and Future Daily Travel, for the functional system of Collectors for Small Urban. We will make the necessary changes and or corrections to be reflected in the

Report has not been approved.

Created By: Cho, Young

Created On: 6/01/2011

Approved By:

Approved On:



## Division Report

Year: 2009 State: 8 - Colorado



Approve



Save to  
File

March 31, 2010

Dennis Merida  
Division Administrator  
Federal Highway Administration, Division Office  
840 Bear Tavern Road, Suite 310  
Trenton, New Jersey 08628

**Attention: Larry Cullari**

Dear Mr. Merida:

In reference to the March 15th, 2010 transmittal of the Data Submittal Review Comments Report for New Jersey's 2008 Highway Performance Monitoring System (HPMS) data, the following issues are being addressed in this report:

➤ **Travel Data:**

Regarding the difference between the State's ATR data and the HPMS data, the HPMS data consist of only collected data. We will review our travel data for these areas and their functional classifications as mentioned in your review comments for the 2010 HPMS submittal and make any needed changes and/or updates.

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**Report has not been approved.**

Created By: Cho, Young

Created On: 6/01/2011

Approved By:

Approved On:

Once the report is approved, it can no longer be modified. Are you sure you want to do this?

OK



## Division Report

Year: 2009 State: 8 - Colorado

March 31, 2010

Dennis Merida  
Division Administrator  
Federal Highway Administration, Division Office  
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**Report has been approved.  
Review has been finalized.**

Created By: Cho, Young

Created On: 6/01/2011

Approved By: Bond, James

Approved On: 6/02/2011



Submittal

Review

National

DASHBOARD SUBMITTED DATA OBSERVATIONS RECOMMENDATIONS DIVISION RESPONSES SEND TO NATIONAL ADMIN

### Overview Page

States	Date Submitted	Date of Resubmittal	Approve Submittal	Date Reviewed1	Date Reviewed2	Date Reviewed3	Date of Conference Call	Date Memo Forwarded	Comments
Alabama			Awaiting Submittal						
Alaska	12/29/2006		<input type="button" value="Accept"/> <input type="button" value="Reject"/>						
Arizona	1/19/2004		Awaiting Resubmittal						Mauris quisque
Arkansas	12/22/2007	1/19/2009	<input type="button" value="Accept"/> <input type="button" value="Reject"/>						Duis nullam donec
California	2/2/2006	2/2/2006	Submittal Accepted						Maecenas praesent etian
Colorado	8/23/2003	8/23/2003	Submittal Accepted	8/23/2003	8/23/2003	8/23/2003	8/23/2003	8/23/2003	Fusce vivamus aptent na
Connecticut	11/5/2003	12/29/2006	Submittal Accepted	1/19/2004	12/22/2007	2/2/2006			Maecenas praesent aliqu
Delaware	11/5/2003	12/29/2006	Submittal Accepted	1/19/2004	12/22/2007	2/2/2006	8/23/2003		Cras dui mauris accum
D.C.	5/24/2006	9/19/2004	Submittal Accepted	8/10/2003	9/20/2007	8/9/2006	2/25/2008	7/20/2008	Aptent quisque auctor bi
Florida	9/10/2006	9/5/2005	Submittal Accepted	12/11/2007	9/26/2003	4/24/2001	9/30/2005	4/7/2001	Curae vivamus amet cur



Justin Clarke – [justin.clarke@dot.gov](mailto:justin.clarke@dot.gov) – 202-366-9245