

HIGHWAY STATISTICS

2010 Delaware HPMS Submission Task Force

Based on the data for the previous year, all state highway agencies, including DeIDOT, must submit their HPMS Report individually to the FHWA by June 15th of every year. This is a federal mandate. DeIDOT has complied with this requirement ever since the HPMS came into existence. Each state becomes eligible for its Federal-Aid Apportionment after the HPMS Report is reviewed and accepted by the FHWA.

It is the responsibility of the HPMS Coordinator to review the latest requirements as prescribed in the [HPMS Manual](#), and to familiarize with each item and the scope.

Several changes in the HPMS Manual are incorporated by the FHWA almost every year. In order to keep abreast with the ongoing developments in the process, the HPMS Coordinator participates in seminars and workshops on HPMS. A comprehensive knowledge in the changes in HPMS software is imperative. Above all, the responsibility of the HPMS Coordinator is to collect, analyze, and process the data through a team effort to compile the HPMS Report in its final form in compliance with FHWA requirements.

The team effort is provided by **Delaware HPMS Task Force**.

A brief outline of Delaware's 2010 HPMS Task Force and its responsibilities are indicated below.

HPMS Summary Reports

1. County Summary
2. Urban Summary
3. NAAQS Summary

These three reports are completed by Subhash Bhai, HPMS coordinator.

HPMS Other Reports

4. Estimates
5. Metadata

With the assistance of Pavement Section, the above two reports on Estimates and Metadata are completed by Sanjay Kumar, OIT.

In addition, the HPMS Universe and Sample requirements are updated on the FHWA Information Systems - UPACS Production Menu Internet site, using the HPMSV8 (Highway Performance Monitoring System Version 8.0) software.

The final DeIDOT HPMS Report is submitted by:

Subhash Bhai

DeIDOT Coordinator

Subhash.Bhai@state.de.us

Phone: (302) 760-2148

A List of 2010 HPMS items, the source of data, ownership, responsibility, Email and Phone Numbers is presented in the following.

Item #	Description	Data Source	Ownership	Person Responsible	Email	Phone
	Route	Multipple Sources GIS Referecing	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
	Sample	HPMS Software	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
1	Functional System	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
2	Urban Code	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
3	Facility Type	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
4	Structure Type	PONTIS Bridges Database	Bridge	Darin Dell	Darin.Dell@state.de.us	(302) 760-2632
5	Access Control	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
6	Ownership					
	DeIDOT	GIS Centerline	Planning	Mike Deltufo	Mike.delTufo@state.de.us	(302) 760-2619
	Suburban	GIS Centerline	Planning	Mike Deltufo	Mike.delTufo@state.de.us	(302) 760-2619
	Municipal	GIS Centerline	Planning	Mike Deltufo	Mike.delTufo@state.de.us	(302) 760-2619
	State Parks	GIS file/ Other Agency	Planning	Rich Goodman II	Richard.Goodman@state.de.us	(302) 739-9231
	U.S. Army Corps of Engineers	GIS Centerline	Planning	Mike Deltufo	Mike.delTufo@state.de.us	(302) 760-2619
	U.S. Fish & Wildlife Service	GIS file/ Other Agency	Outside	Oscar Reed, Jr.	Oscar.Reed@fws.gov	(302) 653-9345
	U.S. Dept. of Defense	GIS file/ Other Agency	Outside	Mr. Charles C. Mikula	charles.mikula@dover.af.mil	(302) 677-4753
	U.S. Army Reserve	GIS file/ Other Agency	Outside	Bernie Gilbert	Bernie.Gilbert@state.de.us	(302) 760-2137
	Delaware State Forest	GIS file/ Other Agency	Outside	Need to recreate	FHWA Office Internet site	
7	Through Lanes	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
8	HOV Type	None in Delaware				
9	HOV Lanes	None in Delaware				
10	Peak Lanes	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
11	Counter Peak Lanes	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
12	Turn Lanes – Right	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
13	Turn Lanes – Left	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
14	Speed Limit	Manual/ Digital Video Log	Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
15	Toll Charged	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
16	Toll Type	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
17	Route Number	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
18	Route Signing	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
19	Route Qualifier	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
20	Alternate Route Name	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
21	AADT	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
22	AADT Single-Unit	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
23	Pct Peak Single-Unit Truck	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
24	AADT Combination Truck	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
25	Pct Peak Combination Truck	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
26	K-Factor	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-148
27	Directional Factor	2010 Traffic Counts	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
28	Future AADT + Yr Future AADT	Manual/ Transportation Network	Planning	Mike DuRoss	Michael.DuRoss@state.de.us	(302) 760-2110
29	Type Signal	Manual/ Digital Video Log	Traffic	Jim Clacher	James.Clacher@state.de.us	(302) 659-4603
30	Pct Green Time	Manual/ Digital Video Log	Traffic	Jim Clacher	James.Clacher@state.de.us	(302) 659-4603
31	Signals	Manual/ Digital Video Log	Traffic	Jim Clacher	James.Clacher@state.de.us	(302) 659-4603
32	Stop Signs	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
33	At Grade Other	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
34	Lane Width	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
35	Median Type	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
36	Median Width	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
37	Shoulder Type	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
38	Shoulder Width – Right	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
39	Shoulder Width – Left	RIMS Database	Planning	Kevin Gustafson	Kevin.Gustafson@state.de.us	(302) 760-2142
40	Peak Parking	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
41	Widening Obstacles	Manual/ Digital Video Log	Planning	Bernie Gilbert	Bernie.Gilbert@state.de.us	(302) 760-2137

Item #	Description	Data Source	Ownership	Person Responsible	Email	Phone
42	Widening Potential	Manual/ Digital Video Log	Planning	Bernie Gilbert	Bernie.Gilbert@state.de.us	(302) 760-2137
43	Curves	GIS and Manual Process	Planning	Sanjay Kumar	Sanjay.Kumar@state.de.us	(302) 760-2648
44	Terrain Type	HPMS database	Planning	Subhash Bhai	subhash.Bhai@state.de.us	(302) 760-2148
45	Grades	GIS and Manual Process	Planning	Sanjay Kumar	Sanjay.Kumar@state.de.us	(302) 760-2648
46	Pct Pass Sight	Manual/ Digital Video Log	*Traffic	Tom Meyer	Tom.Meyer@state.de.us	(302) 659-4090
47	IRI + IRI Date	IRI Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
48	PSR	PMS Database (2009)	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
49	Surface Type	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
50	Rutting	IRI Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
51	Faulting	PMS Database (2009)	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
52	Fatigue Cracking	PMS Database (2009)	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
53	Transverse Cracking	PMS Database (2009)	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
54	Year Last Improvement	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
55	Year Last Construction	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
56	Last Overlay Thickness	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
57	Thickness Rigid	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
58	Thickness Flexible	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
59	Base Type	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
60	Base Thickness	PMS Database	**Pavement	Jennifer Pinkerton	Jennifer.Pinkerton@state.de.us	(302) 760-2071
63	Climate Zone	HPMS Software	FHWA	Subhash Bhai	Subhash.Bhai@state.de.us	(302) 760-2148
			*Traffic	Traffic Group email addresses:	Kristen.Melendez@state.de.us	(302) 659-4096
					Tom.Meyer@state.de.us	(302) 659-4090
					Peter.Haag@state.de.us	(302) 659-4084
					Naa-Atswei.Tetteh@state.de.us	(302) 659-4097
			**Pavement	Pavement Group email addresses:	Jennifer.Pinkerton@state.de.us	(302)-760-2071
					Sarah.McDougall@state.de.us	(302)-760-2695
					Rhonda.Lewis@state.de.us	(302) 760-2070
	Data processing was done by:	Sajay Kumar, OIT			Sanjay.Kumar@state.de.us	(302) 760-2648
	DeIDOT HPMS Coordinator	Subhash Bhai, Planning			Subhash.Bhai@state.de.us	(302) 760-2148