

FDOT Forms

On System Five-Year Inventory Inventory Folder Checklist

Section #:	Local Name:	
Date of Pre-Field Inventory:	By:	Comments:
Date of Field Inventory:	By:	Comments:
Date of RCI Data Entry:	By:	Comments:
Date of RCI Edits:	By:	Comments:
Date of Base Map Review:	By:	Comments:
Date of Package:	By:	Comments:
Date of QC:	By:	Comments:

Item Present	Item	Comments
	On System Inventory Folder Checklist	
	Work Order Form	
	On System RCI Inventory and Data Entry Checklist	
	RCI Feature listings (before inventory)	Optional
	3A Screen Prints	
	SLD	
	Base Map printout (with aerial)	
	Street Atlas printouts or Map Book Copies	
	Historical Files	
	Field Sheet, First Pass	
	Field Sheet, Second Pass	
	Field Sheet, Third Pass	
	Field Sheet, Fourth Pass	
	Field Sheet, Fifth Pass	
	Field Notes Sheet	

Comments:

*Please make note of any beginning or ending milepost changes. Please notify applicable department(s) to update their features.

***BEFORE MODIFYING ANY FEATURE IN RCI, PLEASE MAKE SCREEN PRINTS BEFORE AND INSERT THEM INTO THE INVENTORY FOLDER.**

Off System Five Year Inventory
RCI Inventory and Data Entry Checklist

Roadway ID Number:	Date of Pre-Field Inventory:
Date of Field Inventory:	Date of RCI Data Entry:
Field Inventory By:	Data Entry By:

Note: Place check mark in appropriate box once data has been collected/entered. Place an X in the appropriate box to indicate no characteristic found. Place a NA in the appropriate box to indicate the characteristic is non applicable.
Note: Features 118 and 119 are located on the HPMS Three Year Inventory Checklist.
Note: Features 144, 146, 320, 360, and 361 are not listed on this checklist because Planning and/or Traffic Ops collect this data.

Feature Number	Feature Name	Field Inventory Done	Data Entry Done	Notes:	Office/Field
111	State (or County) Road Number (<i>STROADNO, STRDNUM2</i>)				Field
112	Federal System	Office	Central Office	Inform Central Office of any EMP changes.	Office
114	Local Name (<i>LOCALNAM</i>)				Field
120	Type Road (<i>TYPEROAD</i>)			MUST agree with Feature 215.	Field
	Route Signing Qualifier (<i>RTESGNCD</i>)			N/A for Urban Minor Arterials, Collectors and Locals.	Field
121	Functional Classification (<i>FUNCLASS</i>)	Office		Needs to agree with Feature 124.	Office
122	Access Control Type (<i>RDACCESS</i>)				Field
	Toll Road Flag (<i>TOLLROAD</i>)				Field
124	Current Highway Location Code (<i>HWYLOCAL</i>)	Office	Verify	Verify codes in RCI Manual.	Office
	Current Place Code (<i>PLACECD</i>)	Office		Verify codes in RCI Manual with field mileposts of City Limit Changes.	Field
	Urban Area Number (<i>URBAREA</i>)	Office	Verify	N/A for rural roads. Verify codes in RCI Manual.	Office
	Urban Size (<i>URBSIZE</i>)	Office	Verify	Verify codes in RCI Manual.	Office
	City Limit Changes (<i>Milepost of City Limit Sign</i>)		Verify	Verify codes from PLACECD.	Field
125	Land Use (<i>LANDUSE</i>)			For URBSIZE of 4 or 5. N/A for urban/rural Minor Arterials, Collectors, Locals, NHS Routes, and NHS Connectors.	Field
138	Roadway Realignment (<i>NALIGNDT (NALIGNID) (NALNBGPT) (NALENPT)</i>)	Verify		Verify mileposts against RCI .	Office/Field
139	Old Alignment (<i>OALIGNID (OALNBGPT) (OALNENPT)</i>)	N/A	N/A	Automatically added when Feature 138 is entered. Use this to research and verify alignment changes.	Office
140	Date Section Was Taken Off or Added to the State System (<i>OSDATE</i>)	Verify	Verify	If the overall section status is Active Off the SHS then the status in this features must agree. Verify mileposts at inactive or deleted areas of the section.	Office/Field
	Section Status Exception (<i>STATEXPT</i>)	Verify	Verify	If the overall section status is Active Off the SHS then the status in this features must agree. Verify mileposts at inactive or deleted areas of the section.	Office/Field
141	Beginning Roadway Section Point (<i>BEGSECPT</i>)	Verify	Verify	Use this to research and verify duplicate alignments (exceptions) on a roadway.	Office/Field
	Ending Roadway Section Point (<i>ENDSECPT</i>)	Verify	Verify	Use this to research and verify duplicate alignments (exceptions) on a roadway.	Office/Field
	Roadway Identification Where All Features and Characteristics Information is Carried (<i>RDWYID</i>)	Verify	Verify	Use this to research and verify duplicate alignments (exceptions) on a roadway.	Office/Field
143	Beginning Roadway Section Point (<i>BEGSECPT</i>)	N/A	N/A	Automatically added when Feature 141 is entered.	Office
	Ending Roadway Section Point (<i>ENDSECPT</i>)	N/A	N/A	Automatically added when Feature 141 is entered.	Office
	Roadway Identification with the Associated Exception (<i>RDWYID</i>)	N/A	N/A	Automatically added when Feature 141 is entered.	Office
212	Number of lanes (<i>NOLANES</i>)				Field
	Surface Width (<i>SURWIDTH</i>)				Field
214	Outside Shoulder Type (<i>SHLDTYPE</i>) (<i>SHLDTPx</i>)				Field
	Outside Shoulder Width (<i>SLDWIDTH</i>) (<i>SHLDWTHx</i>)				Field
215	Median Type (<i>RDMEDIAN</i>)			MUST agree with Feature 120.	Field
	Median Width (<i>MEDWIDTH</i>)			MUST agree with Feature 120.	Field
216	Urban Sidewalks (<i>SDWLKCD</i>)			N/A for Rural roads.	Field
230	Pavement Condition (<i>PAVECOND</i>)			N/A for urban/rural Minor Arterials, Collectors and Locals, Req. for PA and NHS	Field
	Pavement Index (<i>PAVINDEXT</i>)	N/A	N/A	For HPMS Samples ONLY.	Field
	Pavement Surface Type (<i>SURFNUM</i>)				Field
251	Begin Roadway Section Point Name (<i>BEGSECNM</i>)				Field
	End Roadway Section Point Name (<i>ENDSECNM</i>)				Field
	Intersection Direction (<i>INTSDIRx</i>)				Field
	Intersection Surface Type (<i>INTSRTPx</i>)				Field
	Intersecting Road Divided/Undivided		N/A		Field
253	Check Digit (<i>CHKDIGIT</i>)			Verify RR Database.	Office/Field
	National Railroad Grade Crossing Number (<i>RRCROSNO</i>)			Verify RR Database.	Office/Field
	Number of Tracks		N/A	Count the number of Railroad tracks.	Office/Field
258	Box Culvert Structure Number (<i>BOXCULNO</i>)			Verify Bridge Database.	Office/Field
	Bridge Structure Number (<i>BRIDGENO</i>)			Verify Bridge Database.	Office/Field
	Facility Crossing (<i>FACCROSS</i>)			Verify Bridge Database.	Office/Field
	Underpass Number (<i>UNDPASNO</i>)			Verify Bridge Database.	Office/Field
331	Traffic Flow Breaks	Verify	Verify		Office

FDOT HPMS STANDARD SAMPLE INVENTORY WORKSHEET

URBAN PRINCIPAL ARTERIAL

INVENTORY DATE _____ INVENTORIED BY _____
 ROADWAY ID # _____ LOCAL NAME _____
 HPMS ID # _____

BEGIN ROAD NAME _____ END ROAD NAME _____
 BEGIN MILEPOINT _____ END MILEPOINT _____

FEAT 118

<p>_____ ATGROTHER (# of at-grade intersections without controls)</p> <p>_____ ATGRSIG (# of at-grade intersections with signals)</p> <p>_____ ATGRSTOP (# of at-grade intersections with stop signs or flashing red signals)</p> <p>_____ GRACLASx (Right side of roadway only) (grade, x=A-F)</p> <p>_____ CURCLASx (Right side of roadway only) (curve, x=A-M)</p> <p>_____ PEAKLANE (# of lanes in peak direction during peak hour)</p> <p>_____ SIGPREV (Signal type) 1 - Uncoordinated/Fixed Time 2 - Traffic Actuated 3 - Progressive</p> <p>_____ TURNLANL (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak</p>	<p>_____ TURNLANR (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak</p> <p>_____ TYPEOP (Is street side parking evident) 1 - Parking permitted on one side 2 - Parking permitted on both sides 3 - No parking allowed</p> <p>_____ WIDEFEAS (Widening feasible) 1 - No 2 - Yes, less than one lane 3 - Yes, one lane 4 - Yes, two lanes 5 - Yes, more than two lanes</p> <p>_____ YRIMPT (Year of improvement)</p>
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****See RCI/HPMS manual for more codes and definitions**

ADDITIONAL HPMS REQUIREMENTS FOR ALL SAMPLES

FEAT 125		PREVAILING TYPE OF LAND USE		
		1 - Central Business District (CBD)	2 - High Density Business/Commercial	3 - Low Density Commercial
		4 - High Density Residential	5 - Low Density Residential	6 - Other
FEAT 230	C _____	PAVECOND 5.0 - Very Good	C _____	PAVINDEX 1 - High Asphalt
	L _____	PAVECOND 4.0 - Good	L _____	PAVINDEX 2 - Medium Asphalt
	R _____	PAVECOND 3.0 - Fair	R _____	PAVINDEX 3 - Low Asphalt
		2.0 - Poor		4 - Unpaved
		1.0 - Very Poor		5 - Concrete
FEAT 232	C _____	SURFLAY _____	C _____	SURFL TH _____
	L _____	SURFLAY _____	L _____	SURFL TH _____
	R _____	SURFLAY _____	R _____	SURFL TH _____
		<i>Note: For SURFLAYx and SURFLxTH use unknown or best judgement, then will use default value.</i>		
FEAT 233	C _____	BASETHK _____	C _____	TYPEBASE _____
	L _____	BASETHK _____	L _____	TYPEBASE _____
	R _____	BASETHK _____	R _____	TYPEBASE _____
		<i>Note: For BASETHK and TYPEBASE use Unknown or best judgement, then will use default value.</i>		
FEAT 311		SPEEDLIMIT _____		

ADDITIONAL HPMS REQUIREMENTS FOR OFF-SYSTEM SAMPLES

FEAT 214	C _____	SHLDTYPE _____	C _____	SLDWIDTH _____
	C _____	SHLDTYPE2 _____	C _____	SHLDWTH2 _____
	L _____	SHLDTYPE _____	L _____	SLDWIDTH _____
	L _____	SHLDTYPE2 _____	L _____	SHLDWTH2 _____
	R _____	SHLDTYPE _____	R _____	SLDWIDTH _____
	R _____	SHLDTYPE2 _____	R _____	SHLDWTH2 _____
		<i>Note: The maximum shoulder widths entered should not exceed 12 feet for any combination.</i>		
FEAT 219	L _____	ISLDTYPE _____	L _____	ISLDWIDTH _____
	R _____	ISLDTYPE _____	R _____	ISLDWIDTH _____
		<i>Note: Only required on divided highways with paved inside shoulder.</i>		

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Standard Sample data.

**For new construction on the On-System, use construction plans and notices
 **For the Off-System use the day of inventory and best judgement

**Note: C = Composite (used on undivided roadways)
 L = Left; R = Right (used on divided roadways)

FDOT HPMS STANDARD SAMPLE INVENTORY WORKSHEET

URBAN MINOR ARTERIAL

INVENTORY DATE _____
 ROADWAY ID # _____
 HPMS ID # _____

INVENTORIED BY _____
 LOCAL NAME _____

BEGIN ROAD NAME _____
 BEGIN MILEPOINT _____

END ROAD NAME _____
 END MILEPOINT _____

FEAT 118

<p>_____ ATGROTHER (# of at-grade intersections without controls)</p> <p>_____ ATGRSIG (# of at-grade intersections with signals)</p> <p>_____ ATGRSTOP (# of at-grade intersections with stop signs or flashing red signals)</p> <p>_____ PEAKLANE (# of lanes in peak direction during peak hour)</p> <p>_____ SIGPREV (Signal type) 1 - Uncoordinated/Fixed Time 2 - Traffic Actuated 3 - Progressive</p> <p>_____ TURNLANL (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak</p>	<p>_____ TURNLANR (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak</p> <p>_____ TYPEOP (Is street side parking evident) 1 - Parking permitted on one side 2 - Parking permitted on both sides 3 - No parking allowed</p> <p>_____ WIDEFEAS (Widening feasible) 1 - No 2 - Yes, less than one lane 3 - Yes, one lane 4 - Yes, two lanes 5 - Yes, more than two lanes</p> <p>_____ YRIMPT (Year of improvement)</p>
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***See RCI/HPMS manual for more codes and definitions*

ADDITIONAL HPMS REQUIREMENTS FOR ALL SAMPLES

FEAT 125	PREVAILING TYPE OF LAND USE	L - High Density Business/Commer	3 - Low Density Commercial 6 - Other
FEAT 230	C _____ PAVECOND	5.0 - Very Good	C _____ PAVINDEX
	L _____ PAVECOND	4.0 - Good	L _____ PAVINDEX
	R _____ PAVECOND	3.0 - Fair	R _____ PAVINDEX
		2.0 - Poor	4 - Unpaved
		1.0 - Very Poor	5 - Concrete
			(Right side of roadway only)
FEAT 311	SPEEDLIMIT		

ADDITIONAL HPMS REQUIREMENTS FOR OFF-SYSTEM SAMPLES

FEAT 214	C _____ SHLDTYPE	C _____ SLDWIDTH
	C _____ SHLDTYP2	C _____ SHLDWTH2
	L _____ SHLDTYPE	L _____ SLDWIDTH
	L _____ SHLDTYP2	L _____ SHLDWTH2
	R _____ SHLDTYPE	R _____ SLDWIDTH
	R _____ SHLDTYP2	R _____ SHLDWTH2

Note: The maximum shoulder widths entered should not exceed 12 feet for any combination.

FEAT 219	L _____ ISLDTYPE	L _____ ISLDWIDTH
	R _____ ISLDTYPE	R _____ ISLDWIDTH

Note: Only required on divided highways with paved inside shoulder.

NOTES

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Standard Sample data.

****For new construction on the On-System, use construction plans and notices.
 For the Off-System, use the day of inventory and best judgement.

****Note: C = Composite (used on undivided roadways)
 L = Left; R = Right (used on divided roadways)**

FDOT HPMS STANDARD SAMPLE INVENTORY WORKSHEET

URBAN COLLECTOR

INVENTORY DATE _____
 ROADWAY ID # _____
 HPMS ID # _____

INVENTORIED BY _____
 LOCAL NAME _____

BEGIN ROAD NAME _____
 BEGIN MILEPOINT _____

END ROAD NAME _____
 END MILEPOINT _____

FEAT 118

_____ ATGROTHER (# of at-grade intersections without controls)	_____ TURNLANR (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak
_____ ATGRSIG (# of at-grade intersections with signals)	
_____ ATGRSTOP (# of at-grade intersections with stop signs or flashing red signals)	
_____ SIGPREV (Signal type) 1 - Uncoordinated/Fixed Time 2 - Traffic Actuated 3 - Progressive	_____ TYPEOP (Is street side parking evident) 1 - Parking permitted on one side 2 - Parking permitted on both sides 3 - No parking allowed
_____ PEAKLANE (# of lanes in peak direction during peak hour)	_____ WIDEFEAS (Widening feasible) 1 - No 2 - Yes, less than one lane 3 - Yes, one lane 4 - Yes, two lanes 5 - Yes, more than two lanes
_____ TURNLANL (Right side of roadway only) 1 - Multiple turning bays/lanes exist 2 - Continuous turn lane 3 - Single turn bay 4 - No turn bays/lanes exist (intersections exist) 5 - No turn allowed during peak	_____ YRIMPT (Year of improvement)

***See RCI/HPMS manual for more codes and definitions*

ADDITIONAL HPMS REQUIREMENTS FOR ALL SAMPLES

FEAT 230	C _____	PAVECOND	5.0 - Very Good	C _____	PAVINDE	1 - High Asphalt
	L _____	PAVECOND	4.0 - Good	L _____	PAVINDE	2 - Medium Asphalt
	R _____	PAVECOND	3.0 - Fair	R _____	PAVINDE	3 - Low Asphalt
			2.0 - Poor			4 - Unpaved
			1.0 - Very Poor			5 - Concrete
						<i>(Right side of roadway only)</i>
FEAT 311	_____	SPEEDLIMIT				

ADDITIONAL HPMS REQUIREMENTS FOR OFF-SYSTEM SAMPLES

FEAT 214	C _____	SHLDTYPE	C _____	SLDWIDTH
	C _____	SHLDTYP2	C _____	SHLDWTH2
	L _____	SHLDTYPE	L _____	SLDWIDTH
	L _____	SHLDTYP2	L _____	SHLDWTH2
	R _____	SHLDTYPE	R _____	SLDWIDTH
	R _____	SHLDTYP2	R _____	SHLDWTH2

Note: The maximum shoulder widths entered should not exceed 12 feet for any combination.

FEAT 219	L _____	ISLDTYPE	L _____	ISLDWIDTH
	R _____	ISLDTYPE	R _____	ISLDWIDTH

Note: Only required on divided highways with paved inside shoulder.

NOTES

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Standard Sample data.

** For new construction on the On-System, use construction plans and notices.
 ** For the Off-System, use the day of inventory and best judgement

**Note: C = Composite (used on undivided roadways)
 L = Left; R = Right (used on divided roadways)

FDOT HPMS STANDARD SAMPLE INVENTORY WORKSHEET

RURAL PRINCIPAL ARTERIAL

INVENTORY DATE _____	INVENTORIED BY _____
ROADWAY ID # _____	LOCAL NAME _____
HPMS ID # _____	
BEGIN ROAD NAME _____	END ROAD NAME _____
BEGIN MILEPOINT _____	END MILEPOINT _____

FEAT 118

_____ ATGROTHER (# of at-grade intersections without controls)	_____ 1	TERRAIN	1 - Flat (All of Florida is Flat) 2 - Rolling - (i.e. Where large trucks are not able to maintain normal highway speeds on hills.)
_____ ATGRSIG (# of at-grade intersections with signals)		WIDEFEAS	(Widening feasible) 1 - No 2 - Yes, less than one lane 3 - Yes, one lane 4 - Yes, two lanes 5 - Yes, more than two lanes
_____ ATGRSTOP (# of at-grade intersections with stop signs or flashing red signals)		YRIMPT	(Year of improvement)
_____ GRACLASx (Right side of roadway only) (grade, x=A-F)			
_____ CURCLASx (Right side of roadway only) (curve, x=A-M)			
_____ PEAKLANE (# of lanes in peak direction during peak hour)			
_____ %SIT1500 (Rural, paved two lane samples) (% of pass > 1500 feet)			

***See RCI/HPMS manual for more codes and definitions*

ADDITIONAL HPMS REQUIREMENTS FOR ALL SAMPLES

FEAT 230	C _____	PAVECOND	5.0 - Very Good	C _____	PAVINDEK	1 - High Asphalt
	L _____	PAVECOND	4.0 - Good	L _____	PAVINDEK	2 - Medium Asphalt
	R _____	PAVECOND	3.0 - Fair	R _____	PAVINDEK	3 - Low Asphalt
			2.0 - Poor			4 - Unpaved
			1.0 - Very Poor			5 - Concrete
FEAT 232	C _____	SURFLAY		C _____	SURFL TH	
	L _____	SURFLAY		L _____	SURFL TH	
	R _____	SURFLAY		R _____	SURFL TH	
			<i>Note: For SURFLAYx and SURFLxTH use unknown or best judgement, then will use default value.</i>			
FEAT 233	C _____	BASETHK		C _____	TYPEBASE	
	L _____	BASETHK		L _____	TYPEBASE	
	R _____	BASETHK		R _____	TYPEBASE	
			<i>Note: For BASETHK and TYPEBASE use Unknown or best judgement, then will use default value.</i>			
FEAT 311		SPEEDLIMIT				

ADDITIONAL HPMS REQUIREMENTS FOR OFF-SYSTEM SAMPLES

FEAT 214	C _____	SHLDTYPE		C _____	SLDWIDTH	
	C _____	SHLDTYPE2		C _____	SHLDWTH2	
	L _____	SHLDTYPE		L _____	SLDWIDTH	
	L _____	SHLDTYPE2		L _____	SHLDWTH2	
	R _____	SHLDTYPE		R _____	SLDWIDTH	
	R _____	SHLDTYPE2		R _____	SHLDWTH2	
			<i>Note: The maximum shoulder widths entered should not exceed 12 feet for any combination.</i>			
FEAT 219	L _____	ISLDTYPE		L _____	ISLDWIDTH	
	R _____	ISLDTYPE		R _____	ISLDWIDTH	
			<i>Note: Only required on divided highways with paved inside shoulder.</i>			

NOTES

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Standard Sample data.

** For new construction on the On-System, use construction plans and notices.
** For the Off-System, use the day of inventory and best judgement

**Note: C = Composite (used on undivided roadways)
L = Left; R = Right (used on divided roadways)

FDOT HPMS STANDARD SAMPLE INVENTORY WORKSHEET

RURAL MINOR ARTERIAL

INVENTORY DATE _____ INVENTORIED BY _____
 ROADWAY ID# _____ LOCAL NAME _____
 HPMS ID# _____

BEGIN ROAD NAME _____ END ROAD NAME _____
 BEGIN MILEPOINT _____ END MILEPOINT _____

FEAT 118

_____ **ATGROTHER** (# of at-grade intersections without controls) _____ **TERRAIN** 1 - Flat (All of Florida is Flat)
 2 - Rolling - (i.e. Where large trucks are not able to maintain normal highway speeds on hills.)

_____ **ATGRSIG** (# of at-grade intersections with signals) _____ **WIDEFEAS** (Widening feasible)
 1 - No
 2 - Yes, less than one lane
 3 - Yes, one lane
 4 - Yes, two lanes
 5 - Yes, more than two lanes

_____ **ATGRSTOP** (# of at-grade intersections with stop signs or flashing red signals)
 _____ **GRACLASx** (Right side of roadway only) (grade, x=A-F)
 _____ **CURCLASx** (Right side of roadway only) (curve, x=A-M)
 _____ **PEAKLANE** (# of lanes in peak direction during peak hour)
 _____ **YRIMPT** (Year of improvement)

_____ **%SIT1500** (Rural, paved two lane samples) (% of pass > 1500 feet)

***See RCI/HPMS manual for more codes and definitions*

ADDITIONAL HPMS REQUIREMENTS FOR ALL SAMPLES

FEAT 120 _____ **RTESGNC**
 1 - Alternate 2 - Business Route 3 - Bypass 4 - Spur 5 - Loop
 6 - Proposed 7 - Temporary 8 - Truck Route 9 - None of the Above

FEAT 230 C _____ **PAVECOND** 5.0 - Very Good C _____ **PAVINDEX** 1 - High Asphalt
 L _____ **PAVECOND** 4.0 - Good L _____ **PAVINDEX** 2 - Medium Asphalt
 R _____ **PAVECOND** 3.0 - Fair R _____ **PAVINDEX** 3 - Low Asphalt
 2.0 - Poor 4 - Unpaved
 1.0 - Very Poor 5 - Concrete

FEAT 311 _____ **SPEEDLIMIT**

ADDITIONAL HPMS REQUIREMENTS FOR OFF-SYSTEM SAMPLES

FEAT 214 C _____ **SHLDTYPE** C _____ **SLDWIDTH**
 C _____ **SHLDTYP2** C _____ **SHLDWTH2**
 L _____ **SHLDTYPE** L _____ **SLDWIDTH**
 L _____ **SHLDTYP2** L _____ **SHLDWTH2**
 R _____ **SHLDTYPE** R _____ **SLDWIDTH**
 R _____ **SHLDTYP2** R _____ **SHLDWTH2**

Note: The maximum shoulder widths entered should not exceed 12 feet for any combination.

FEAT 219 L _____ **ISLDTYPE** L _____ **ISLDWIDTH**
 R _____ **ISLDTYPE** R _____ **ISLDWIDTH**

Note: Only required on divided highways with paved inside shoulder.

NOTES

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Standard Sample data.

** For new construction on the On-System, use construction plans and notices.
 ** For the Off-System, use the day of inventory and best judgement

**Note: C = Composite (used on undivided roadways)
 L = Left; R = Right (used on divided roadways)

FDOT
HPMS INTELLIGENT TRANSPORTATION SYSTEMS
UNIVERSE
INVENTORY WORKSHEET

INVENTORY DATE _____ INVENTORIED BY _____

ROADWAY ID # _____ LOCAL NAME _____

BEGIN ROAD NAME _____ END ROAD NAME _____

BEGIN MILEPOINT _____ END MILEPOINT _____

FEATURE 119

- | | |
|-----------------|--|
| _____ CALLSERV | (Publicly sponsored service patrol & towing service)
0 - No 1 - Yes |
| _____ CELLPHON | (Free cell phone # for reporting incidents, excluding 911)
0 - No 1 - Yes |
| _____ DETECALG | (Incident technology algorithms in use)
0 - No 1 - Yes |
| _____ ELECTSURV | (Electronic surveillance of traffic flow)
0 - No 1 - Yes |
| _____ HADRADIO | (Highway advisory radio available)
0 - No 1 - Yes |
| _____ HOVLANES | (High occupancy vehicle (HOV) lanes)

0 - Section does not have HOV lanes
1 - Section has exclusive HOV lanes
2 - Normal through lane(s) used for exclusive HOV in specified time periods
3 - Shoulders/parking lane(s) used for exclusive HOV in specified time periods |
| _____ METERAMP | (Metered entrance ramp)
0 - No 1 - Yes |
| _____ SIGNINFO | (Equipped to provide in-vehicle signing information)
0 - No 1 - Yes |
| _____ SURVCAMS | (Surveillance cameras in use)
0 - No 1 - Yes |
| _____ VARISIGN | (Permanent variable messaging sign)
0 - No 1 - Yes |

This form assumes that the required 5 year RCI inventory data has been collected. It provides guidance on collecting the additional HPMS Universe data.

If the roadway section is absent of the feature element, the database input may be omitted. The code of "0" is not required for the database.

The following matrices present the Features and Characteristics to be collected by type of inventory, roadway type, and area classification. Features and Characteristics to be collected are within the shaded area (in color in an original Handbook, in gray shading if a copy). Footnotes are provided keyed to numbers in parentheses (1).

Active On The SHS RCI Inventory

inventory item
 do not inventory item

Feature	Characteristic	Urban							Rural						
		Principal Arterial-Interstate	Principal Arterial-Other Freeways and Expressways	Principal Arterial-Other	Minor Arterial	Collector	NHS Routes/Connectors	SIS Related Designation	Principal Arterial-Interstate	Principal Arterial-Other	Minor Arterials	Major Collector	Minor Collector	NHS Routes/Connectors	SIS Related Designation
216	BIKELNCD														
	BIKSLTCD														
	SIDWLKWD														
	SDWLKBCD														
	SHARDPTH														
219	ISLDTYPE														
	ISLDTYPx														
	ISLDWDTH														
	ISLDWTHx														
220	NCPTINT														
221	BEARING														
	HRZCANGL														
	HRZDGCRV														
	HRZPTINT														
230	PAVECOND														
	PAVINDEXT														
	SURFNUM														
232	FRICTCSE														
	SURFLAYx														
	SURFLxTH														
233	BASETHK														
	TYPEBASE														
251	BEGSECNM														
	ENDSECNM														
	INTSDIRx														
	INTSRTPx														
252	EXITNO														
	INTERCHG														
253	CHKDIGIT														
	RRCROSNO														
258	BOXCULNO														
	BRIDGENO														
	FACCROSS														
	UNDPASNO														
330	FLWBRKID														
331	AADTDATE														
	AADTTYPER														
	AVGDFACT														
	AVGKFACT														
	AVGTFACT														
	SECTADT														

(1) Code all Expressways managed by the Miami-Dade (MDX) and Orlando Orange County (OOCEA) Expressway Authorities

(2) Code on Principal Arterials and Minor Arterials in Urbanized Areas of 200,000 & above

Note: Active Exclusive alignments should be inventoried simultaneously with the associated Active On the SHS mainline alignments.



Active Exclusive RCI Inventory

inventory item
 do not inventory item

Feature	Characteristic	Urban				Rural			
		Ramp	Frontage Road	Connector	SIS Related Designation	Ramp	Frontage Road	Connector	SIS Related Designation
111	STROADNO								
	STRDNUM2								
113	USROUTE								
	USROUTE2								
114	LOCALNAM								
120	RTESGNCD								
	TYPEROAD								
147	SISFACTP								
212	NOLANES								
	SURWIDTH								
214	SHLDTYPE								
	SHLDTYPx								
	SLDWIDTH								
	SHLDWTHx								
230	PAVECOND								
	PAVINDEXT								
	SURFNUM								
251	BEGSECNM								
	ENDSECNM								
	INTSDIRx								
	INTSRTPx								
258	BOXCULNO								
	BRIDGENO								
	FACCROSS								
	UNDPASNO								
331	AADTDATE								
	AADTTYPE								
	AVGDFACT								
	AVGKFACT								
	AVGTFACT								
	SECTADT								

Note: Active Exclusive alignments should be inventoried simultaneously with the associated Active On the SHS mainline alignments.

Local Active Off The SHS RCI Inventory

 inventory item
 do not inventory item

Feature	Characteristic	Urban					Rural				
		Local Roads with SIS Designation	Local Roads with NHS Designation	Local Roads with FM Projects	Local Roads with Bridge Structures and/or Railroad Crossings	Local Roads of District Interest	Local Roads with SIS Designation	Local Roads with NHS Designation	Local Roads with FM Projects	Local Roads with Bridge Structures and/or Railroad Crossings	Local Roads of District Interest
230	PAVECOND										
	PAVINDE										
	SURFNUM										
233	BASETHK										
	TYPEBASE										
251	BEGSECNM										
	ENDSECNM										
	INTSDIRx										
252	INTSRTPx										
	EXITNO										
253	INTERCHG										
	CHKDIGIT										
258	RRCROSNO										
	BOXCULNO										
	BRIDGENO										
	FACCROSS										
331	UNDPASNO										
	AADTDATE										
	AADTTYPE										
	AVGDFACT										
	AVGKFACT										
	AVGTFACT										
	SECTADT										

(1) If Federal Aid Primary (FAP) exist on a Roadway ID, do not delete data or the Roadway ID

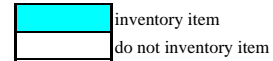
Active Off The SHS RCI Inventory

inventory item
 do not inventory item

Feature	Characteristic	Urban							Rural						
		Principal Arterial-Interstate	Principal Arterial-Other Freeways and Expressways	Principal Arterial-Other	Minor Arterial	Collector	NHS Routes/Connectors	SIS Related Designation	Principal Arterial-Interstate	Principal Arterial-Other	Minor Arterials	Major Collector	Minor Collector	NHS Routes/Connectors	SIS Related Designation
215	MEDWIDTH														
	RDMEDIAN														
219	ISLDTYPE														
	ISLDTYPE _x														
	ISLDWIDTH														
	ISLDWIDTH _x														
230	PAVECOND														
	PAVINDEXT														
	SURFNUM														
233	BASETHK														
	TYPEBASE														
251	BEGSECNM														
	ENDSECNM														
	INTSDIR _x														
	INTSRTP _x														
252	EXITNO														
	INTERCHG														
253	CHKDIGIT														
	RRCROSNO														
258	BOXCULNO														
	BRIDGENO														
	FACCROSS														
	UNDPASNO														
331	AADTDATE														
	AADTTYPER														
	AVGDFACT														
	AVGKFACT														
	AVGTFACT														
	SECTADT														

(1) Collect on Principal Arterials and Minor Arterials in Urbanized Areas of 200,000 & above



HPMS Standard Sample RCI Inventory



Feature	Characteristic	Urban					Rural			
		Principal Arterial-Interstate	Principal Arterial-Other Freeways and Expressways	Principal Arterial-Other	Minor Arterial	Collector	Principal Arterial-Interstate	Principal Arterial-Other	Minor Arterials	Major Collector
118	ATGROTHR ⁽¹⁾			(1)	(1)	(1)		(1)	(1)	
	ATGRSIG ⁽¹⁾			(1)	(1)	(1)		(1)	(1)	
	ATGRSTOP ⁽¹⁾			(1)	(1)	(1)		(1)	(1)	
	CURCLASx									
	GRACLASx									
	HORALADQ									
	HPMSIDNO									
	LOADTDEV ⁽²⁾	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
	PEAKLANE									
	SIGPREV									
	SIT1500 ⁽³⁾							(3)	(3)	(3)
	TERRAIN									
	TURNLANL									
	TURNLANR									
	TYPEOP									
	VRTALADQ									
WIDEFEAS										
YRIMPT										
125	LANDUSE ⁽⁴⁾	(4)	(4)	(4)	(4)					
	ROUGHIND									
214	SHLDTYPE ⁽⁵⁾		(5)	(5)	(5)	(5)		(5)	(5)	(5)
	SHLDTYPE _x ⁽⁵⁾		(5)	(5)	(5)	(5)		(5)	(5)	(5)
	SLDWIDTH ⁽⁵⁾		(5)	(5)	(5)	(5)		(5)	(5)	(5)
	SHLDWTH _x ⁽⁵⁾		(5)	(5)	(5)	(5)		(5)	(5)	(5)
219	ISLDTYPE ⁽⁶⁾		(6)	(6)	(6)	(6)		(6)	(6)	(6)
	ISLDTYPE _x ⁽⁶⁾		(6)	(6)	(6)	(6)		(6)	(6)	(6)
	ISLDWDTH ⁽⁶⁾		(6)	(6)	(6)	(6)		(6)	(6)	(6)
	ISLDWTH _x ⁽⁶⁾		(6)	(6)	(6)	(6)		(6)	(6)	(6)
230	PAVECOND									
	PAVINDEXT									
	SURFNUM									
232	FRICTCSE									
	SURFLAY _x									
	SURFL _x TH									
233	BASETHK									
	TYPEBASE									
251	INTSDIR _x									
	INTSRTP _x									
253	CHKDIGIT									
	RRCROSNO									
311	MAXSPEED									
331	AADTDATE									
	AADTTYPE									
	AVGDFACT									
	AVGKFACT									
	AVGTFACT									
	SECTADT									

- (1) Collect on roads with Partial or no Access Control
- (2) Use this code for Donut Samples as assigned by TranStat and when a sample begins and ends on a Structure
- (3) Use this code for all paved rural two lane Standard Samples
- (4) Collect on Principal Arterials and Minor Arterials On or Off the SHS in Urbanized Areas of 200,000 & above
- (5) Collect Outside Shoulder Data for the On and Off Systems
- (6) Collect this data for all paved inside shoulders on Off System

Pre-Construction/Pre-Transfer RCI Inventory

 inventory item
 do not inventory item

Feature	Characteristic	Urban							Rural						
		Principal Arterial-Interstate	Principal Arterial-Other Freeways and Expressways	Principal Arterial-Other	Minor Arterial	Collector	NHS Routes/Connectors	SIS Related Designation	Principal Arterial-Interstate	Principal Arterial-Other	Minor Arterials	Major Collector	Minor Collector	NHS Routes/Connectors	SIS Related Designation
111	STROADNO														
	STRDNUM2														
113	USROUTE														
	USROUTE2														
114	LOCALNAM														
147	SISFACTP														
251	BEGSECNM														
	ENDSECNM														
	INTSDIRx														
	INTSRTPx														