FEATURE 112

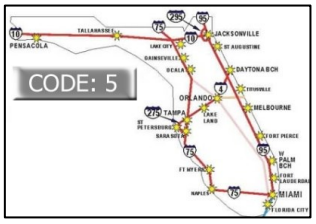
FEDERAL SYSTEM

Roadway Side	Allows Tie	LRS Package	Feature Type	Interlocking	Secured
C	Yes	Yes	Length	No	Yes
Responsible Party for Data Collection	TDA Multimodal Data System Coordinator				

Definition/Background: This feature is used to identify funding sources from the Federal Highway Administration (FHWA).

FAHWYSYS | FEDERAL HIGHWAY SYSTEM CODE

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
64	21	Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	All roadways functionally classified as local and above; including Managed Lanes.	N/A	N/A



Definition/Background: Shows federal-aid funding eligibility of public roadways. It also designates roadways as on or off the National Highway System (NHS). NHS is assigned by TDA and approved by FHWA. All roadways functionally classified as major collector and above and not as NHS are eligible for the Surface Transportation Block Grant Program (STBG). In general, STBG projects may not be on local or rural minor collectors, unless the roadway was on the Federal-aid Secondary System (FASS), as designated on January 1, 1991. For additional federal STBG funding eligibility, please see the eligibility requirements defined by 23 U.S. Code § 133: https://www.fhwa.dot.gov/specialfunding/stp/.

Important When Gathering: FHWA functional classification approval is discussed further in Feature 121.

Cross-Reference/Tolerance: STBG (formerly STP) and FA None should match Feature 121; NHS should match Feature 251 and intermodal facility locations.

How to Gather this Data: The data is provided by the District to the Multimodal Data System Coordinator (TDA), who coordinates the changes with FHWA for approval. See the Urban Boundary and Functional Classification Handbook for NHS guidance (page 16):

https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/statistics/docs/urbanfunclass.pdf?sfvrsn=84c718c4_15

Codes	Descriptions
5	National Highway System (NHS)—must be classified as principal arterials unless the route is an NHS Intermodal Connector or STRAHNET Connector.
6	Surface Transportation Block Grant (STBG) Program (formerly STP)—Urban Minor Collector or above, Rural Major collector or above and not NHS[1]
9	Federal Aid None (FA None)—Rural minor collectors or locals and not NHS[2]

[1] *The Fixing America's Surface Transportation (FAST) Act was signed into law on December 4, 2015, changing the STP program name to the Surface Transportation Block Grant Program (STBG).*

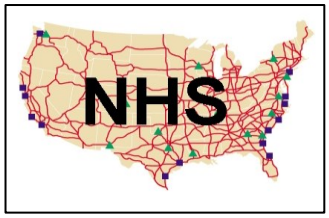
[2] *Roads in rural areas are still eligible for many different types of federal funds. Contact your Federal Aid Management Office for further information.*

TRAVLWAY | TRAVEL WAY ALONG ROADWAY

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
64	N/A	Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	NHS Roadways	N/A	N/A

Definition/Background: Denotes the reason an NHS route is included on the NHS and MAP-21 designations.

How to Gather this Data: Do not gather. The code is determined by the Multimodal Data System Coordinator (TDA) with the approval of the FHWA.



Codes	Descriptions	Related Characteristic(s)
1	NHS/Interstate	**FUNCLASS**—Functional Classification—Interstate
2	NHS/STRAHNET Route	**STGHWNWK**—Strategic Highway Network
3	NHS/STRAHNET Connector	**STGHWNWK**—Strategic Highway Network
4	NHS/Unbuilt	**STATEXPT**—Pending Status and preapproved by FHWA
5	NHS/Other	**FUNCLASS**—Functional Classification is not Interstate, not STRAHNET, not an Intermodal Connector for a SPECSYS Special System and not established per MAP-21 Legislation
6	NHS/Intermodal Connector	**FUNCLASS**—Functional Classification is not Interstate, not STRAHNET—STRAHNET, has an **NHSCID**—NHS Connector ID and serves a **SPECSYS**—Type of NHS Connector
7	NHS/MAP-21	**FUNCLASS**—Functional Classification is not Interstate, not STRAHNET, not an Intermodal Connector for a SPECSYS Special System, and established per MAP-21 Legislation established as of 9/21/2012

NHSCID | NATIONAL HIGHWAY SYSTEM CONNECTOR

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
N/A		Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	NHS Connectors	N/A	N/A

Definition/Background: Used for the NHS connector to identify the facility served by the connector.

How to Gather this Data: The code is determined by the District/Multimodal Data System Coordinator (TDA) with the approval of the FHWA.

EXAMPLE NHS CONNECTOR ID:

FL15P

NHSDATE | NATIONAL HIGHWAY SYSTEM DATE

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
64	N/A	Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	NHS Roadways	N/A	N/A

Definition/Background: Used for NHS roadways to identify the date the facility was approved to be added to the National Highway System by FHWA (effective February 2018).

How to Gather this Data: The date is provided by FHWA and documented on NHS application requests.

EXAMPLE NHS DATE:

9/21/2012

(for NHS added per MAP-21)

SPECSYS | SPECIAL SYSTEMS

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
64	22	Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	NHS Roadways	N/A	N/A

Definition/Background: Used for NHS connectors to identify the type of facility served by the connector.

How to Gather this Data: The code is determined by the District/Multimodal Data System Coordinator (TDA) with the approval of the FHWA.

Codes	Descriptions
02	Airport
03	Port Facility
04	AMTRAK Station
05	Rail/Truck Terminal
07	Public Transit Terminal

NATLNWK | NATIONAL NETWORK CODE

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
66	N/A	Work Program, Office of Maintenance, Roadway Design Office, HPMS, Freight and Rail Office, Systems Implementation	Roadways designated on the National Network	N/A	N/A

Definition/Background: The Surface Transportation Assistance Act (STAA) of 1982 authorized the establishment of a "National Network" for trucks where federal width and length limits would apply.

This network includes the Interstate Highway System and the routes mentioned in the state listing of National Network routes in 23 Code of Federal Regulations 658, Appendix A. These routes must allow trucks that include truck tractor semi-trailers and 28-foot twin trailers.

How to Gather this Data: Do not gather. These routes are determined by 23 CFR 658. If the route gets re-aligned or transferred off the main route designations (i.e., from SR-397 to CR-397), TDA's Multimodal Data System Coordinator should be made aware.

Additions and Deletions to the National Network may require a Federal Register, Notice of Proposed Rulemaking (NPRM).

Codes	Descriptions
1	Yes

STGHWNWK | STRATEGIC HIGHWAY NETWORK CODE

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
65	N/A	Work Program, Roadway Design Office, Outdoor Advertising Office, HPMS, Systems Implementation	NHS Roadways	N/A	N/A

Definition/Background: The Strategic Highway Network (STRAHNET) pertains to national defense and is designated by the U.S. Department of Defense (DOD).

How to Gather this Data: Do not gather. The code is obtained by Multimodal Data System Coordinator (TDA) from FHWA, who coordinates changes with the DOD.

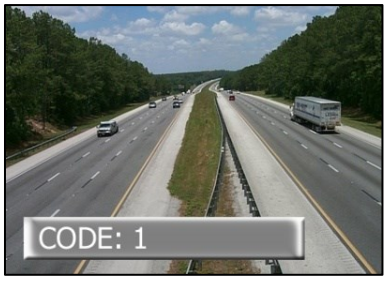
Codes	Descriptions
1	Yes
2	No

OLDFASYS | OLD FEDERAL HIGHWAY SYSTEM

HISTORICAL PURPOSE—REQUIRED TO BE MAINTAINED FOR DESIGNATED LIMITS

HPMS	MIRE	Who/What Uses This Information	Required For	Offset Direction	Offset Distance
N/A	N/A	Outdoor Advertising Office	Roadways formerly on the Federal Aid System prior to NHS establishment by Congress.	N/A	N/A

Definition/Background: This was an early version of the Federal Aid System and was replaced by the FAHWSYS characteristic. This field is for historical information only.



Under the OLDFASYS characteristic, the Federal Aid Interstate code was used for all interstate routes. The Federal Aid Primary code was used for all routes of primary importance, e.g., U.S. routes. The Federal Aid Urban code was used only for routes in urban areas. These codes are still used by outdoor advertising regulations.

How to Gather this Data: Do not gather. This feature will only be updated by shortening and deletion. It should not be lengthened.

Codes	Descriptions
1	Federal Aid Interstate
2	Federal Aid Primary
3	Federal Aid Urban
4	Federal Aid Secondary
9	Federal Aid None