

Federal Aid Urban Boundary and Federal Functional Classification Update

The Project

After each decennial census, FHWA requires state DOTs to update all Federal Aid Urban Boundaries (FAUB) and the corresponding Federal Functional Classification (FC) of public roads (Title 23, Section 103, USC).

MAP-21 added a new requirement that all roadways classified as a federal principal arterial as of 10/1/2013 were automatically added to the NHS. Local governments have expressed a desire to remove the NHS status of several of these that were grandfathered into the NHS.

FC and Federal Funding

- Used in Congressional reports and lobbying efforts (state to state comparison)
- A factor in some Federal performance measures
- After ranking counties by number of vehicle registrations, the three counties that would receive the least amount of money based on registrations alone split 750K that is pro-rated in part based on arterial and collector mileage.
- Miles of collector by county is sometimes incorrectly used to create reports showing the dollars per mile each county has for their road system. This means counties with more collector miles appear to be receiving fewer dollars per mile to maintain their roads.

Overview of the Process

1. ODOT RICS creates draft FAUBs and delivers instructions and map packets to Region Planners
2. Region Planners work with local governments to make additional adjustments to the draft FAUB and work together to update FC. This is also an opportunity to discuss and request National Highway System (NHS) updates.
3. ODOT RICS receives draft maps from Region Planners, and then works with Regions and local agencies to resolve questions.
4. RICS meets with FHWA to discuss requested changes and obtain FHWA provisional approval.
5. RICS updates maps and databases reflecting approved changes.

Tentative Schedule/Milestones

Timeframe	Activity
July-December 2013	Communication, develop materials and processes ✓
Jan-March 2014	Deliver maps and instructions to region planners ✓
March 2014	ODOT Region Planners deliver maps and instructions to local agencies ✓
March 2014-June 2014	RICS and FHWA meet regularly as needed to provisionally approve changes as they come in.
August 2014	All draft changes delivered to ODOT RICS
July-Dec 2014	RICS and FHWA continue to meet regularly as needed to provisionally approve changes that have accumulated.
December 31, 2014	FHWA Division approval of all changes
December 31, 2014	FHWA Headquarters approval of all NHS changes
April 2015	All maps and databases updated to reflect changes
June 2015	Updated data is included in Oregon's federally-mandated 2014 Highway Performance Monitoring System (HPMS) submittal to FHWA

Stakeholders

Agency	Responsibility
Local Government Officials	Recommend updated FC and FAUB in Small Urban (population over 5,000) Areas and FC in Rural Areas.
MPO	Recommend updated FAUB and FC in Urbanized Areas.
ODOT Region Planners	Review recommended changes for consistency with TSP and high level compliance with Federal Guidelines.
ODOT RICS	Lead overall project. Act as resource for Region Planners and local governments to answer questions. Review recommended changes for compliance and consistency. Shepherd changes through approval process, and update official records after approval is received.
FHWA Division Office	Final Approval of updated FAUB and FC
FHWA Headquarters	Final Approval of NHS changes

Federal Functional Classification (FC) and Federal Aid Urban Boundaries (FAUB) Additional Information

FAUBs are the boundaries that FHWA uses to distinguish between urban and rural for FHWA programs.

- Federally-approved
- The FAUB is often similar in shape to the Urban Growth Boundary (UGB) or the MPO Boundary, but they are not the same.

Updating the FAUB

- Census Urban Clusters are minimum size of the FAUB
- Expand cluster boundary to include:
 - Current UGB/MPO boundary and city limits
 - Major traffic generators, intermodal facilities, major bus routes, etc.
 - Wholly include or exclude roads, interchanges, and bridges (Boundary should not run down the center of a road or bisect a bridge or interchange).
 - Consider adjustments to minimize the number of times a road enters and leaves a boundary.

Functional classification determines the eligibility for most FHWA funding categories.

- FC is a federal classification system that groups roads by type and level of service.
- Federally-approved
- Impacts design standards
- Determines eligibility for disaster relief
 - FHWA emergency relief program for FC roads
 - FEMA for non-FC roads (local and rural minor collector)
- Local agencies often have their own FC, but this cannot be used in place of the federal FC

Updating FC includes

- Review/Update FC for consistency with local TSP
- Update FC with extra attention to where FAUB boundaries changed
- Apply new federal guidelines, including new FC of urban minor collector.
- Careful review of Principal Arterials with eye towards National Highway System (NHS) impact
- Update NHS as needed

For More Information Contact

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- Or visit our web site at: <http://www.oregon.gov/ODOT/TD/TDATA/Pages/rics/2010FCReview.aspx>