Highway Functional Classification
The What, Why and How

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What is Highway Functional Classification?

“the process by which streets and highways are grouped into classes . . . according to the character of service they are intended to provide.”
What is Highway Functional Classification?

Highway Classes:

• Primary Arterial
  • Interstate
  • Other freeways and expressways
  • Other principal arterials

• Minor Arterial

• Collector (aka Major Collector)

• Minor Collector

• Local Road
Why Do Functional Classification?

Prioritization of resources across the roadway network

Eligibility for federal funding
How Do We Do Functional Classification?

Census-initiated review
Mid-census review(s)
Ongoing minor reviews
Census Initiated Review

Main review – extensive – all counties, urbanized areas, small urban areas

Redefine urban area planning boundaries

Opportunity to revisit and rebalance everything
Redefine urban area planning boundaries*

Revisit routes in newly added areas

Initiated either 5 years after census review or by other significant change (NAAQS changes, etc.)

*different than defined in UDOT rule
Ongoing Minor Reviews

Review new routes or changes in function since census and mid-census reviews

Submit at any time, but minimum 2½ months before review by funding board

Isolated requests only

Tradeoffs may be needed
MPO Responsibilities

Coordinate discussions during census and mid-census reviews

Coordinate and consolidate requests for ongoing reviews
Criteria: Urban Principal Arterials

- Serve major activity centers
- Majority of trips
- Majority of through traffic
- Spaced 1 mile in CBD, up to 5 mile in urban fringes
Criteria: Urban Minor Arterials

• Trips of moderate length
• Lower mobility than primary arterials
• Greater land access than primary arterials
• Spaced $<\frac{1}{2}$ mile in CBD, $<1$ mile in developed areas, up to 3 mile in urban fringes
• Land access and circulation within and into residential neighborhoods, commercial and industrial areas

• Collects from local streets and channels to arterial system
All routes not otherwise classified as primary arterials, minor arterials, or collectors
<table>
<thead>
<tr>
<th>System</th>
<th>VMT</th>
<th>Mileage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal arterial</td>
<td>40%-65%</td>
<td>5%-10%</td>
</tr>
<tr>
<td>Principal arterial plus minor arterial</td>
<td>65%-80%</td>
<td>15%-25%</td>
</tr>
<tr>
<td>Collector</td>
<td>5%-10%</td>
<td>5%-10%</td>
</tr>
<tr>
<td>Local</td>
<td>10%-30%</td>
<td>65%-80%</td>
</tr>
</tbody>
</table>
Urban Principal Arterial = State Route
Key Urban Minor Arterial = State Route
Rural Minor Arterial = State Route
Key Rural Collector = State Route
72-4-102.5
Classification based on function, not to enable funding eligibility

Urban Minor Collectors now allowed, but only used where Rural Minor Collectors cross urban boundary and logical transition point is inside urban area

UDOT 07-25 (draft)
Online Resources

Utah Functional Classification Maps in PDF format: www.udot.utah.gov, click Maps at top of page


Designation of State Highways Act: le.utah.gov/~code/TITLE72/htm/72_04_010205.htm
Questions?

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