

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

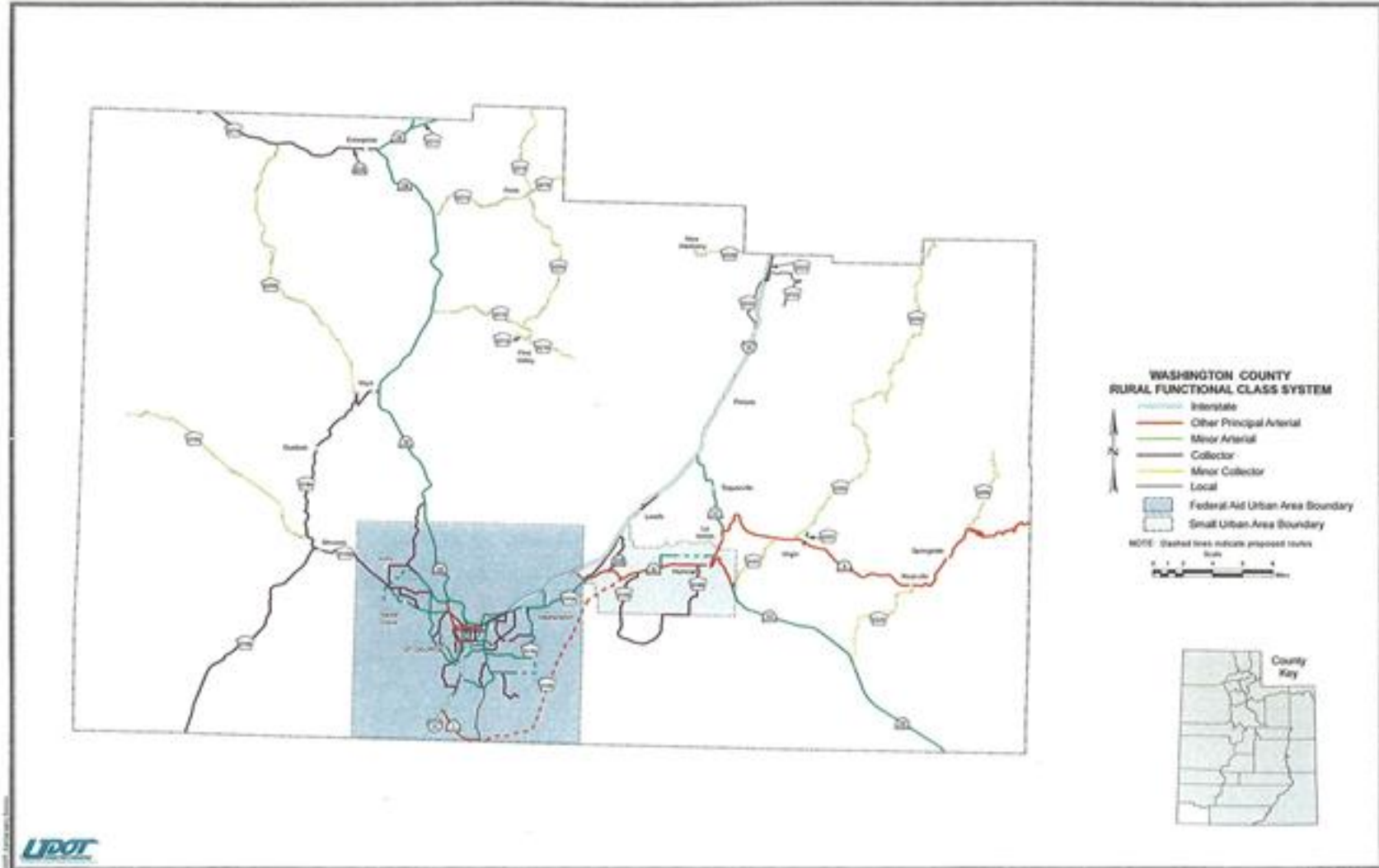
- **Minor Arterial**

- **Collector (aka Major Collector)**

- **Minor Collector**

- **Local Road**

Washington County Functional Classification



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

**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**

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

**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**

Criteria: Urban Collectors



- Land access and circulation within and into residential neighborhoods, commercial and industrial areas**
- Collects from local streets and channels to arterial system**

Criteria: Urban Local Streets



All routes not otherwise classified as primary arterials, minor arterials, or collectors

Criteria: Class Balances Across Urban Areas



System	VMT	Mileage
•Principal arterial	40%-65%	5%-10%
•Principal arterial plus minor arterial	65%-80%	15%-25%
•Collector	5%-10%	5%-10%
•Local	10%-30%	65%-80%

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)

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

Highway Functional Classification Guidelines:

www.fhwa.dot.gov/planning/fctoc.htm

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

Questions?



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