



TO: John McDonough, City Manager

FROM: Garrin M. Coleman, P.E., Public Works Director

DATE: July 2, 2014 for Submission onto the Agenda for the July 15, 2014 City Council Work Session

ITEM: Street Functional Classification changes for Georgia Department of Transportation (GDOT) Consideration

Recommendation:

Staff recommends that the Mayor and City Council approve the proposed list of Roadway Functional Classification changes for Georgia Department of Transportation (GDOT) review and acceptance. On the existing GDOT Classification Map, the following roadways or portions of roadway do not match the City's 2010 Long-Range Road Classification Map: Hammond Drive, Johnson Ferry Road, River Valley Road, Roberts Drive, Raider Drive, and Heards Road. The following roadways or portions of roadways are recommended for Functional Classification modifications: Abernathy Road, Perimeter Center West, Johnson Ferry Road, Garmon Road, and Jett Road.

Background:

The Federal Highway Administration (FHWA) directed the state departments of transportation to review its system-wide roadway functional classification network. A comprehensive review of the roadway network is required every ten years following the decennial Census. FHWA provides the functional classification network definitions and designations. The Atlanta Regional Commission (ARC), serving at the Metropolitan Planning Organization (MPO), is coordinating with local jurisdictions to identify any proposed modifications for the functional classification network for submission to GDOT.

Discussion:

Staff has identified discrepancies between the City's adopted 2010 Long-Range Road Classification Map and GDOT's current classification map. In addition, staff has coordinated with the adjacent jurisdictions of Cobb County, Atlanta, Brookhaven, and Dunwoody to examine roadways traversing multiple jurisdictions. Table 1 identifies recommended changes to the GDOT classification map.

Alternatives:

Sandy Springs can forego submission of modifications until a future date.

Financial Impact:

There is no immediate financial impact to the City. Roadways classified as Principal Arterials are included in the National Highway System (NHS) designated by FHWA. Under the latest transportation reauthorization bill, MAP-21, 60% of the available highway program funds is dedicated to roadways in the NHS.

Attachments:

Presentation

PUBLIC WORKS

Table 1: Proposed Functional Classification Changes for submission to GDOT

Reclassification requests to reflect 2010-Adopted City Classifications:					
Roadway	From (West/South)	To (East/North)	COSS Road Classification (adopted 4/20/10)	GDOT Proposed FC	COSS Proposed FC
Hammond Dr	Sandy Springs Circle	Roswell Road	Minor Arterial	Major Collector	Minor Arterial
Johnson Ferry Rd	Glenridge Drive	Peachtree Dunwoody Road	Minor Arterial	Major Collector	Minor Arterial
Roberts Dr	Dunwoody Place	Roswell Road	Collector	Unclassified	Major Collector
River Valley Rd	Riverside Drive	Johnson Ferry Road NW	Collector	Unclassified	Major Collector
Raider Dr	Heards Road	Heards Ferry Road	Collector	Unclassified	Major Collector
Heards Rd	Powers Ferry Road	Raider Drive	Collector	Unclassified	Major Collector
Reclassification requests to modify current Classification designations:					
Roadway	From (West/South)	To (East/North)	COSS Road Classification (adopted 4/20/10)	GDOT Proposed FC	COSS Proposed FC
Abernathy Rd	Peachtree Dunwoody Road	Mount Vernon Highway	Minor Arterial	Minor Arterial	Principal Arterial
Perimeter Center West	Mount Vernon Highway	Dunwoody City Limits	Minor Arterial	Unclassified	Principal Arterial
Johnson Ferry Rd	Peachtree Dunwoody Road	Brookhaven City Limits	Collector	Major Collector	Minor Arterial
Garmon Rd	Atlanta City Limits	Northside Drive	Collector	Major Collector	Minor Collector
Jett Rd	Atlanta City Limits	Mount Paran Road NW	Collector	Major Collector	Minor Collector

STREET FUNCTIONAL CLASSIFICATION MODIFICATIONS

City Council Work Session
July 15, 2014



Purpose

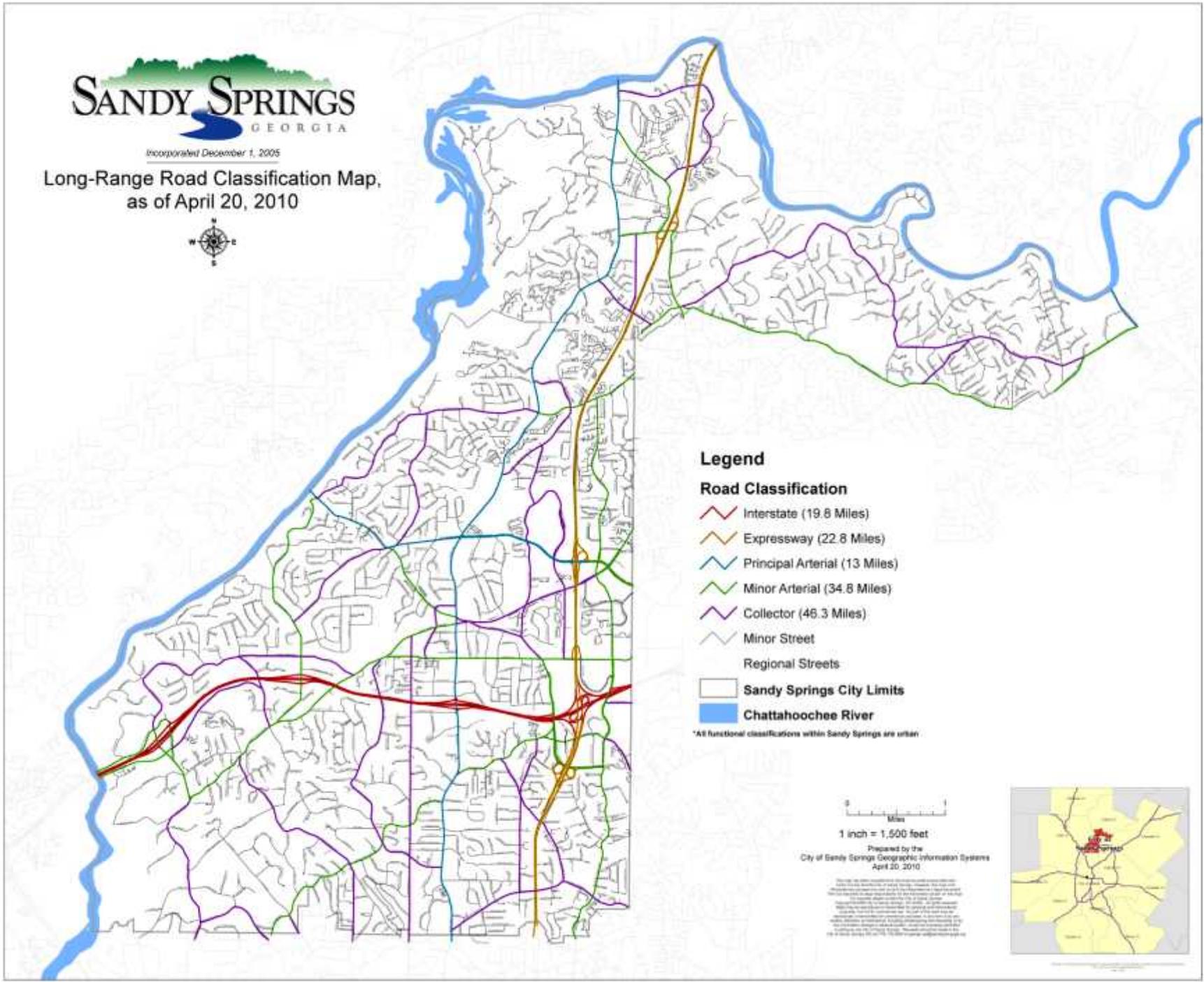
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- Periodic review of roadway system by Georgia Department of Transportation (GDOT) directed by Federal Highway Administration (FHWA)
- Comparison of existing GDOT Functional Classification Map to City's 2010-Adopted Long-Range Road Classification Map showed inconsistencies
- Coordination with adjacent jurisdictions (Cobb County, Atlanta, Brookhaven, and Dunwoody) to provide consistency across jurisdictions



Incorporated December 1, 2005

Long-Range Road Classification Map, as of April 20, 2010



Legend

- Road Classification**
- Interstate (19.8 Miles)
 - Expressway (22.8 Miles)
 - Principal Arterial (13 Miles)
 - Minor Arterial (34.8 Miles)
 - Collector (46.3 Miles)
 - Minor Street
 - Regional Streets
 - Sandy Springs City Limits
 - Chattahoochee River

*All functional classifications within Sandy Springs are urban



1 inch = 1,500 feet

Prepared by the City of Sandy Springs Geographic Information Systems April 20, 2010

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Incorporated December 1, 2005

Long-Range Road Classification Map, Adopted April 20, 2010 Proposed Revisions, June 2014



River Valley Rd
Riverside Drive to Johnson Ferry Road NW
Reclassify GDOT FC local to Major Collector

Raider Dr
Heards Road to Heards Ferry Road
Reclassify GDOT FC local to Major Collector
and
Heards Rd
Powers Ferry Road to Raider Drive
Reclassify GDOT FC local to Major Collector

Abernathy Road
SR400 to Mt Vernon Hwy
Designate a Principal Arterial

Perimeter Center West
Mt Vernon Hwy to City Limit
Designate a Principal Arterial

Hammond Dr
Sandy Springs Circle to Roswell Road
Reclassify GDOT FC from Major Collector to Minor Arterial

Johnson Ferry Rd
Glenridge Drive to Peachtree Dunwoody Road
Reclassify GDOT FC Major Collector to Minor Arterial

Johnson Ferry Road
Peachtree Dunwoody Road to Brookhaven City Limits
Designate a Minor Arterial

Garmon Road
Northside Dr to City Limit
Downgrade to Minor Collector

Jett Road
Mt Paran Rd to City Limit
Downgrade to Minor Collector

Roberts Dr
Dunwoody Place to Roswell Road
Reclassify GDOT FC local to Major Collector

Legend

Road Classification

- Interstate
- Expressway
- Principal Arterial
- Minor Arterial
- Collector
- Minor Street
- Regional Streets
- Sandy Springs City Limits
- Chattahoochee River

*All functional classifications within Sandy Springs are urban

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Miles
1 inch = 1,500 feet
Prepared by the
City of Sandy Springs Geographic Information Systems
June 5, 2014



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Proposed Revisions to Match City's Map

Reclassification requests to reflect 2010-Adopted City Classifications:

Roadway	From (West/South)	To (East/North)	COSS Road Classification (adopted 4/20/10)	GDOT Proposed FC	COSS Proposed FC
Hammond Dr	Sandy Springs Circle	Roswell Road	Minor Arterial	Major Collector	Minor Arterial
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Raider Dr	Heards Road	Heards Ferry Road	Collector	Unclassified	Major Collector
Heards Rd	Powers Ferry Road	Raider Drive	Collector	Unclassified	Major Collector

Proposed Changes to City and GDOT Map

Reclassification requests to change current Classification designations:					
Roadway	From (West/South)	To (East/North)	COSS Road Classification (adopted 4/20/10)	GDOT Proposed FC	COSS Proposed FC
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Changes coordinated with Dunwoody, Brookhaven, and Atlanta to provide roadway designation continuity

Next Steps

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Administrative Process Schedule

- Atlanta Regional Commission (ARC) and GDOT will review requests in July 2014
- ARC Board acceptance in August 2014
- GDOT submission to FHWA in September 2014

City Actions

- Concurrence on proposed changes today
- Adoption of revised Map after GDOT and FHWA review in fall

Supplemental Materials

Background:

Functional Classification Purpose

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Federal Highway Administration (FHWA) directs state departments of transportation to review system-wide roadway classification every 10 years (post decennial Census)

What is Functional Classification?

- Describes a roadways purpose:
 - Primarily mobility (Interstate system) or access (local roads)
 - Travel characteristics (local or regional travel, travel speeds, design, and volumes)
 - System continuity (regional routes across jurisdictions)

Why does Functional Classification matter?

- City development regulations specify design, frontage, and right-of-way requirements by classification
- City traffic calming policy application
- Regional travel demand modeling
- Eligibility for federal funding: **60% of current transportation programs focused on Principal Arterial system***

*Federal transportation bill MAP-21 designated all Principal Arterials as the National Highway System (NHS)



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Background:

Functional Classification Defined

Roadway Characteristics	Arterials	Collectors	Local
Route Length	Long	↔	Short
# of Access Points	Few	↔	Many
Speed Limit	High	↔	Low
Distance between Routes	Long	↔	Short
Traffic Volumes	High	↔	Low
Significance	High	↔	Low
# of Travel Lanes	Most	↔	Least

Background:

2014 FHWA Classifications

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1. Interstate
2. Freeway/Expressway
3. Principal Arterial
4. Minor Arterial
5. Major Collector
6. Minor Collector
7. Local

- All roadways classified as Principal Arterials or higher have been incorporated in the National Highway System (NHS) under the MAP-21 Transportation Bill

- Revised classification system breaks Collector into Major and Minor categories.
- Georgia Department of Transportation (GDOT) will classify all existing Urban Collectors as **Major Collectors**