

# TAZ Boundary and Regional Land Use Update

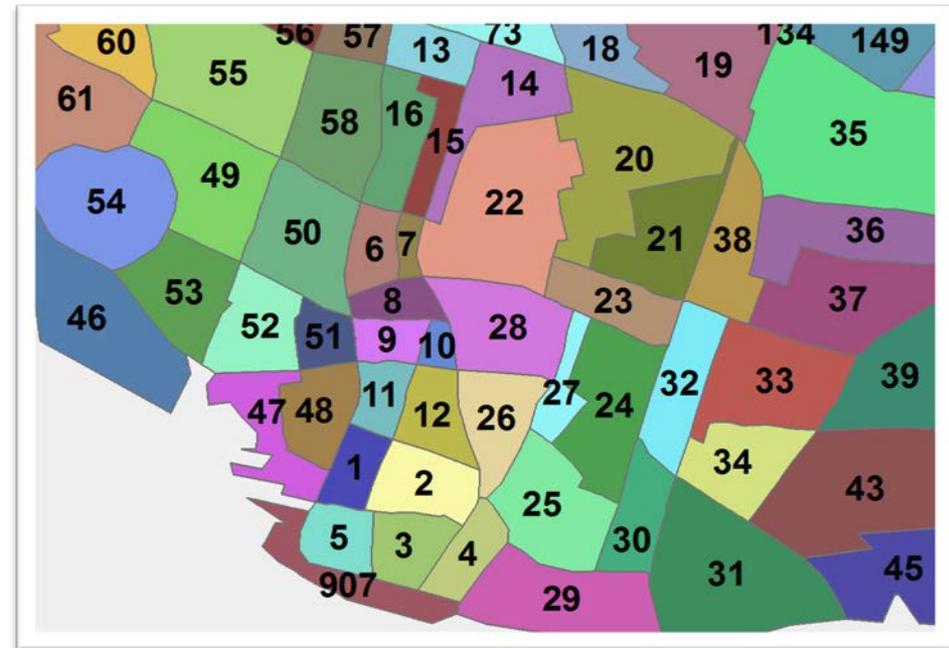
Presented to the Long-Range Transportation Plan (LRTP) Subcommittee  
August 3, 2016

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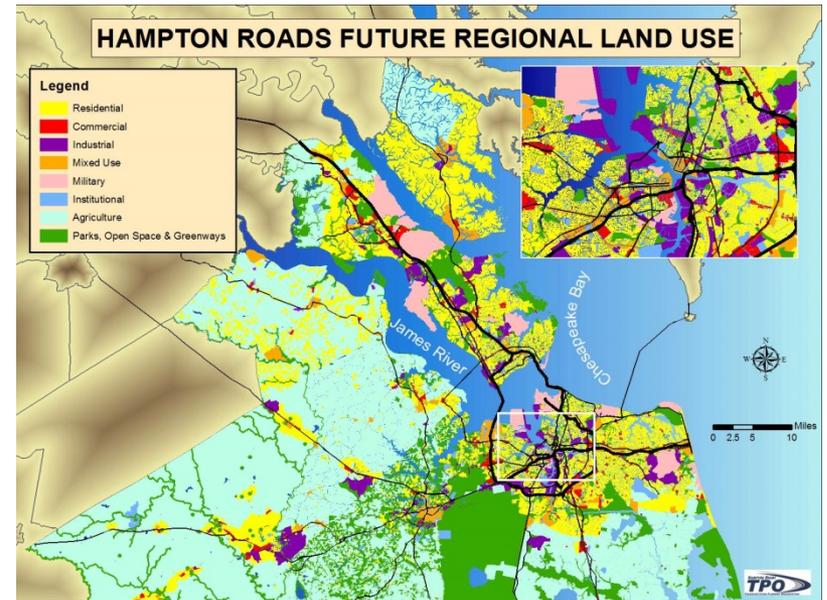
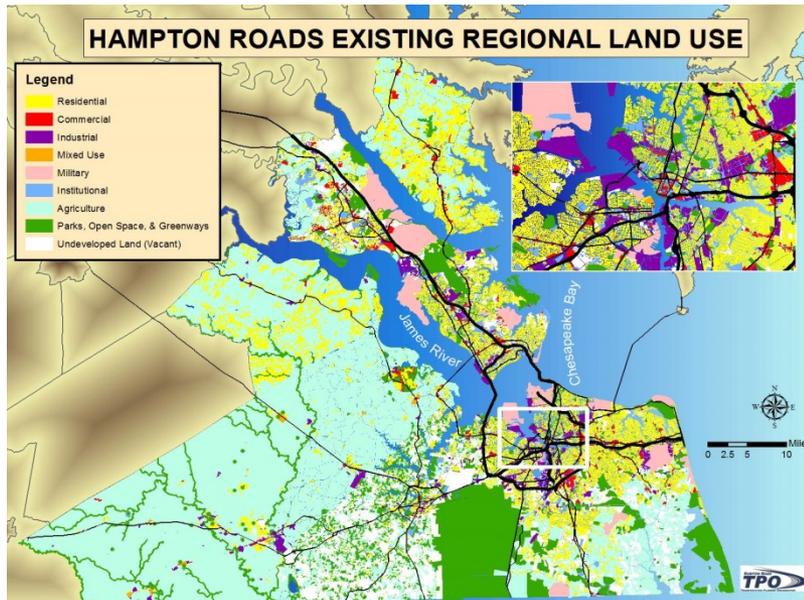
# TAZ Boundaries

- Last Reviewed/Updated in 2000
- Model Needs to Reflect Current Land Uses
  - Impacts Trip Generation, Distribution, and Assignment

Transportation Analysis Zones (TAZs)



# Current Regional Land Use Data



## ■ Background:

- First proposed in 2009; became FY 2010 UPWP task
- Goal: create a composite map of current and future land use information in the region
- Methodology was crafted following initial "research scan" and input from TPO committees in FY 2010
- Final maps and report approved by the TPO Board in June 2011

# Approved Regional Land Use Classification System

Activity	Classification	CODE	Description
Residential	Rural Residential	RR	Encompasses residential uses with <1 dwelling units per acre (SFR >40,000 Sq. Ft lots)
	Low Density Residential	RLD	Encompasses residential uses with 1-4 dwelling units per acre (12,000 - 40,000 Sq. Ft lots)
	Medium Density Residential	RMD	Encompasses residential uses with 4 - 12 dwelling units per acre (SFR <12,000 Sq. Ft lots)
	High Density Residential	RU	Encompasses residential uses with >12 dwelling units per acre
Commercial	Neighborhood Commercial	CN	Encompasses limited scale shopping, business, or trade activity
	Local Commercial	CL	Encompasses inter-neighborhood shopping, business, or trade activity
	Regional Commercial	CR	Encompasses regional shopping, business, or trade activity
Industrial	Light Industrial	IL	Encompasses light industrial uses (Research & Development, warehousing, service, etc)
	Heavy Industrial	IH	Encompasses heavy industrial uses with possible adverse environmental impacts (manufacturing, etc)
	Port / Aviation Industrial	IPA	Encompasses Port, General and Commercial Aviation related industrial operations
Mixed Use	Mixed Use Commercial/Residential	MCR	Encompasses limited scale mixed use activity
	Mixed Use Commercial/Industrial	MCI	Encompasses inter-neighborhood/regional mixed use activity
Military	Military	MM	Encompasses military related operations
Institutional	Utilities	IU	Encompasses utility operations
	Public/Semi-Public	IP	Government/Educational/Religious/Social or healthcare facilities
	Transportation Network	IT	Encompasses transportation facilities
Agriculture	Agriculture	AA	Encompasses agricultural operations
Undeveloped Land (Vacant)	Vacant	V	Encompasses open, undeveloped lands with development potential
Parks, Open Space, & Greenways	Parks and Recreation	NP	Encompasses open space and recreational uses
	Resource Conservation	NC	Encompasses conservation lands
	Historic /Cultural	NH	Encompasses Historic Preservation / Cultural uses

# Update Regional Land Use Data

Identify GIS Point of Contact for each Locality

Add MAJOR and MINOR Regional Codes

- Local knowledge superior

Maintain MAJOR and MINOR Regional Codes

- Yearly updates
- Future updates/collection process more efficient
- Reduce time to collect data
- Will be able to automate collection process

# MAJOR CODES

Activity	Classification	CODE	Description
Residential	Rural Residential	RR	Encompasses residential uses with <1 dwelling units per acre (SFR >40,000 Sq. Ft lots)
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# MINOR CODES

Activity	Classification	CODE	Description
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# Update Regional Land Use Data

- GIS Point of Contact – **August 5**
- Submit updated Regional Land Use – **September 15**

# Next Steps for TAZ Boundary Update

HRTPO Staff will review current boundaries

Compare with:

- Population
- Employment
- Updated Land Use
- Transportation Network

Adjust boundaries as needed

Review with Localities and VDOT

HRTPO Board approval of updated TAZ boundaries