

Cascade Road / I-285 Interchange Modification Study

June 23, 2015





Agenda

- Introduction
- Need and Purpose
- Existing and Future Conditions
- Charrette
- Alternatives being considered
- Next Steps and Upcoming Meetings
- Closing remarks
- One-on-one discussions



Introductions

- Fulton County staff
 - Antonio Valenzuela, Asst. Director
 - Roussan Francois, Public Involvement Coordinator
- Ayres Associates staff
 - John Davis, P.E., PTOE
 - Dori Sabeh, P.E.
- Stakeholders



Purpose and Need

- Cascade Road experiences traffic congestion today and is expected to worsen as traffic volumes return to previous levels and grow in the future.
- Study is to examine alternatives to modify the Cascade Road/I-285 Interchange to improve the traffic condition along Cascade Road from Utoy Springs Road to Shanter Trail.



Project Objective

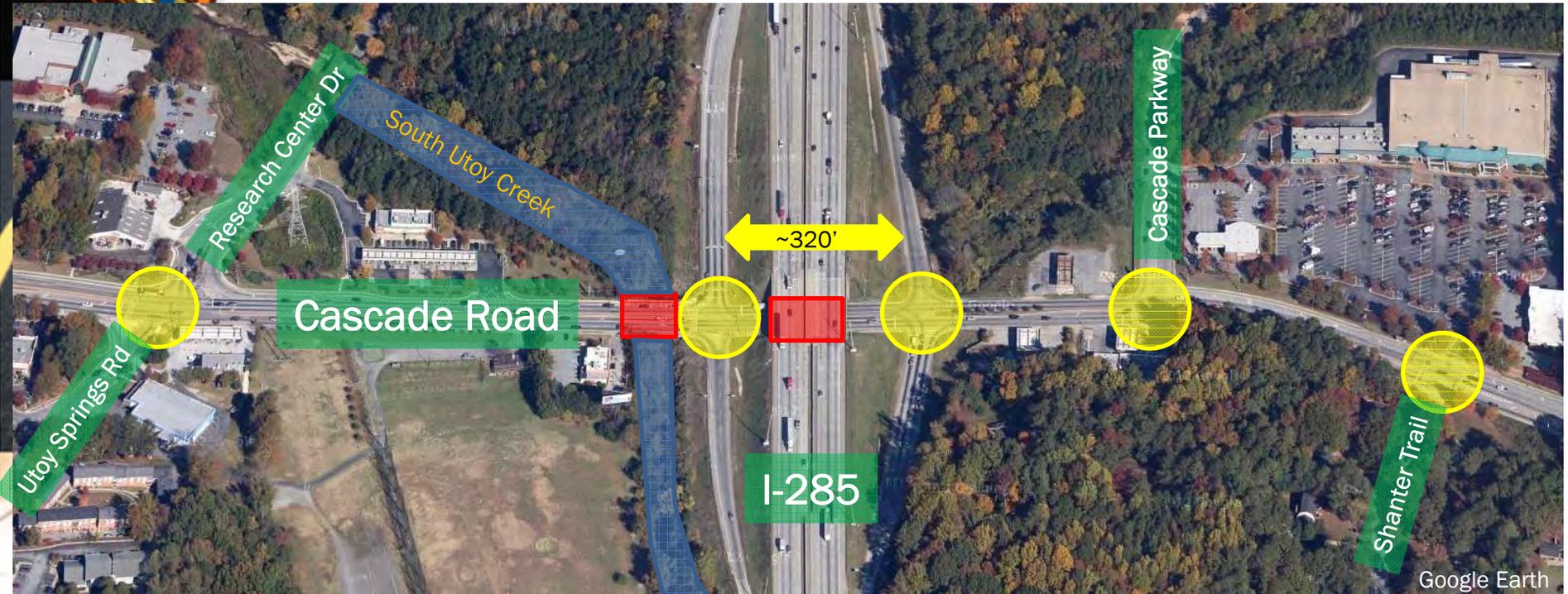
- Identify alternatives to alleviate vehicular congestion and safety concerns
- Traffic Study for Cascade Road intersections with:
 - Utoy Springs Road/Research Center Drive
 - SB I-285 ramp terminal
 - NB I-285 ramp terminal
 - Cascade Parkway
 - Shanter Trail



Existing Conditions

- Current physical features and intersection controls
- Land uses
- Existing traffic conditions
- Future growth
- Future traffic conditions
(no roadway improvements)

I-285/Cascade Road Interchange Area



Existing Traffic Conditions

- Year 2015



Level of Service

Lowest movement at an intersection

AM/PM



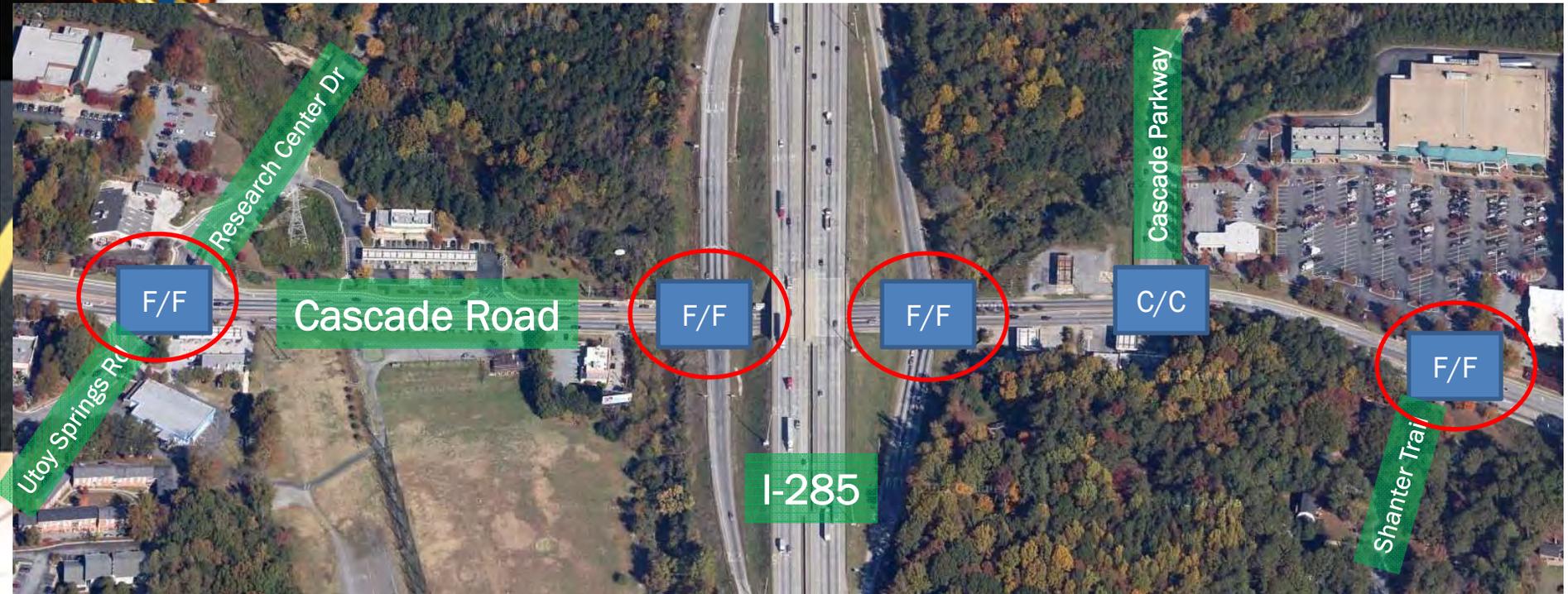


Future Traffic Conditions

- Typical traffic forecasts are 20 years into the future, which for this study is 2035
- 2% annual growth until 2020 (5 years) to account for post-recession traffic growth
- 0.5% annual growth after 2020 for next 15 years to 2035

Future Traffic Conditions

- Year 2035



Level of Service

Lowest movement at an intersection

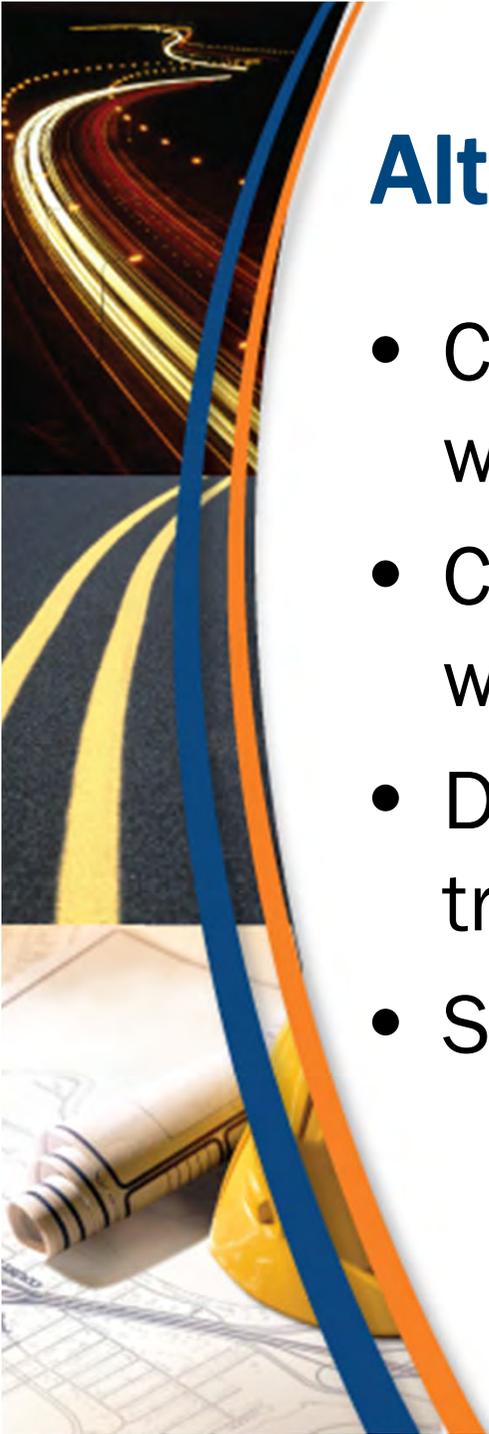
AM/PM





Charrette

- Small groups
- Aerial maps of Cascade Road from Utoy Springs Road to Shanter Trail
- Yellow post-its
- Give us your thoughts, concerns, and suggestions



Alternatives Being Considered



- Conventional diamond interchange with traffic signals
- Conventional diamond interchange with roundabouts
- Diverging diamond interchange with traffic signals
- Single Point Urban Interchange

Conventional diamond interchange with traffic signals



I-85/Jimmy Carter Blvd, Atlanta, GA



Conventional diamond interchange with roundabouts



Google maps

US 41/Breezewood Lane, Neenah, WI



Diverging diamond interchange with traffic signals



I-285/Ashford Dunwoody, Atlanta, GA



Single Point Urban Interchange



SR 202/N Scottsdale Road, Tempe, AZ



Single Point Urban Interchange



SR 202/N Scottsdale Road, Tempe, AZ
Underneath SR 202



Next Steps - Project Schedule



I-285 Cascade Road Interchange Modification Report

Task	2015								
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Contract award	●								
Data collection	■	■	■	■					
Analysis of Traffic Data		■	■	■					
Conceptual alternatives and Report				■	■				
Public information meetings						■	■		
Interchange Modification Report					■	■	■	■	●



Next Steps - Upcoming Meetings

- Public Meeting #1
 - Tuesday, July 28, 2015
- Stakeholders Meeting #2
 - Tuesday, September 15, 2015
- Public Meeting #2
 - Monday, September 28, 2015



Closing Remarks

- Please return comment forms
- Contact Information
Roussan C. François
Roussan.Francois@fultoncountyga.gov
(404) 612-0871
- Next Meeting
Public Meeting – Tuesday, July 28, 2015
- Thank you for your attendance