



CAMBRIDGE
SYSTEMATICS

Think  Forward

Performance Impact Analysis

Johns Creek TSPLOST Projects

presented to

Johns Creek City Council

presented by

Cambridge Systematics, Inc.

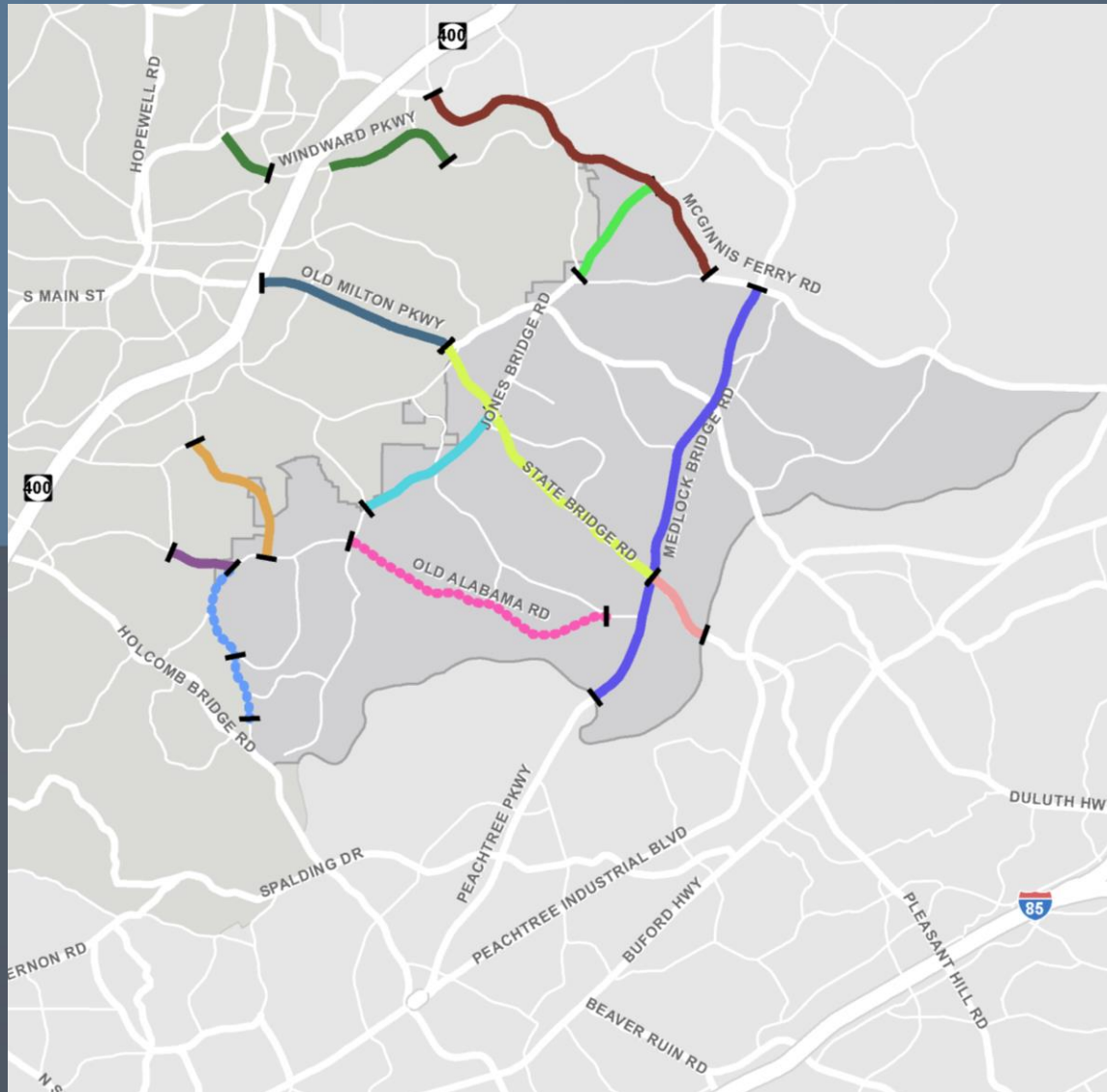
Tracy Selin, Principal

October 10, 2016

Performance Impact Analysis

- Focus on key travel metrics
 - » Delay reduced
 - » Travel cost savings, auto and truck
- 2024 analysis year
- Major roadway capacity investments modeled
 - » 2024 Existing + Committed
 - » 2024 TSPLOST (adds Tier I and Tier II projects)
 - » 2024 TSPLOST Plus (adds Tier III projects, four additional, proximate investments)
- Project and corridor-level impacts

Proposed Johns Creek TSPLOST Investments



TSPLOST Projects

Tier I & II

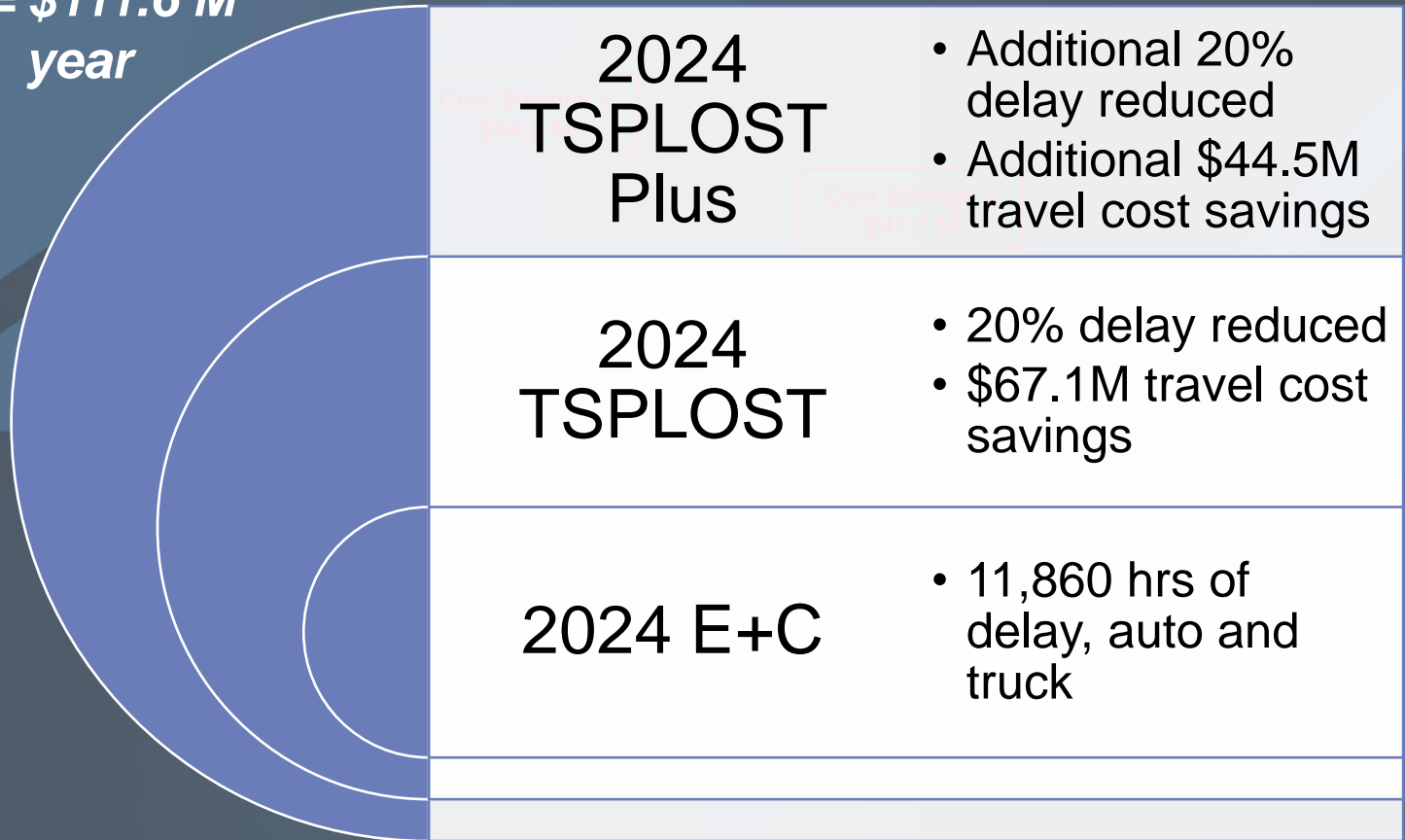
- Old Alabama
- Jones Bridge (McGinnis Ferry to Douglas)
- Haynes Bridge Road
- Jones Bridge (Waters to Buice to State Bridge)
- Windward Parkway Business District / Union Hill Road
- McGinnis Ferry Road
- Medlock Bridge
- State Bridge (Medlock Bridge to Chattahoochee River)
- Old Milton Parkway
- State Bridge (Kimball to Medlock Bridge)

Tier III

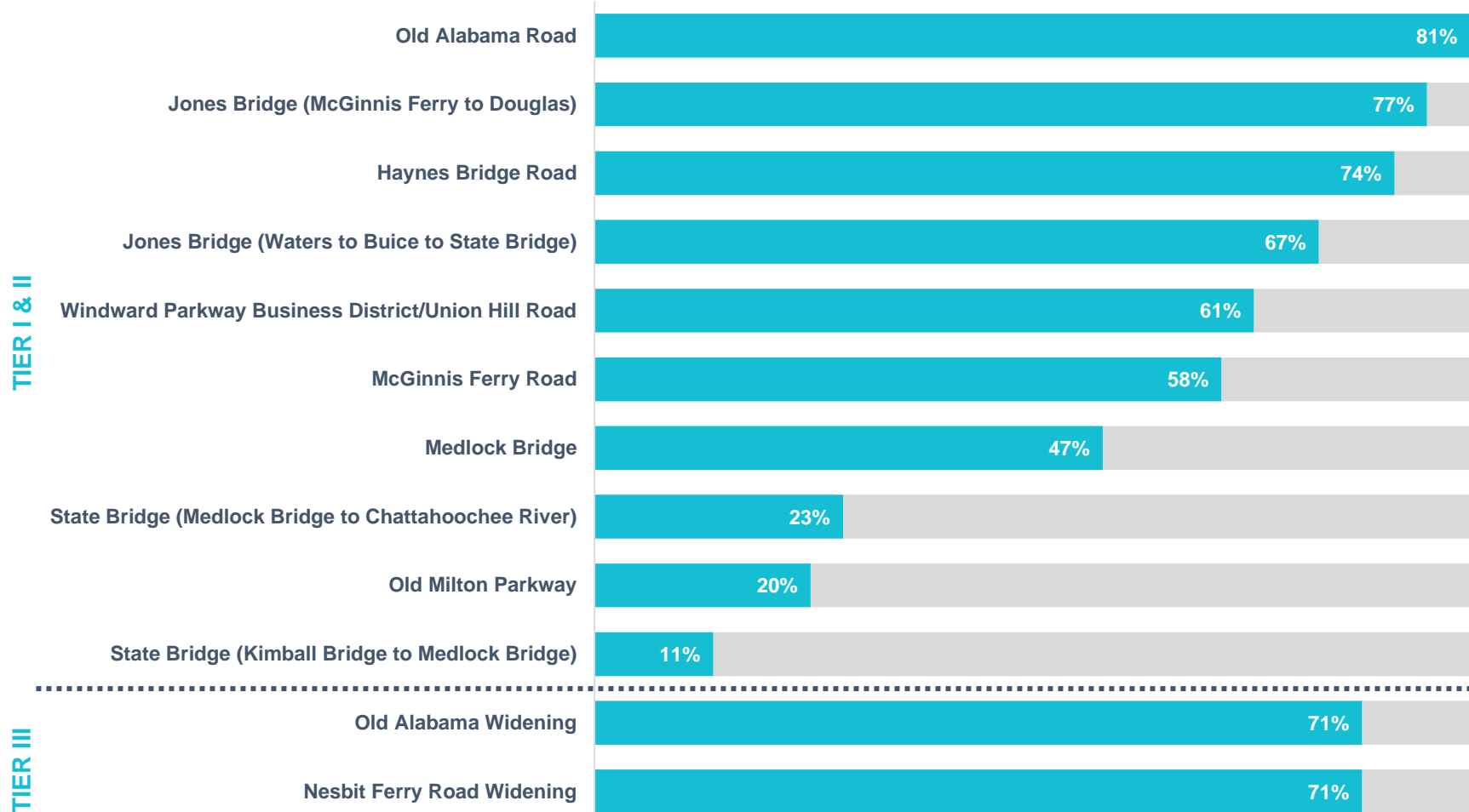
- Old Alabama Widening
- Nesbit Ferry Road
- Johns Creek City Limits
- North Fulton

TSPLOST Impact Summary

Total travel cost savings = \$111.6 M each year

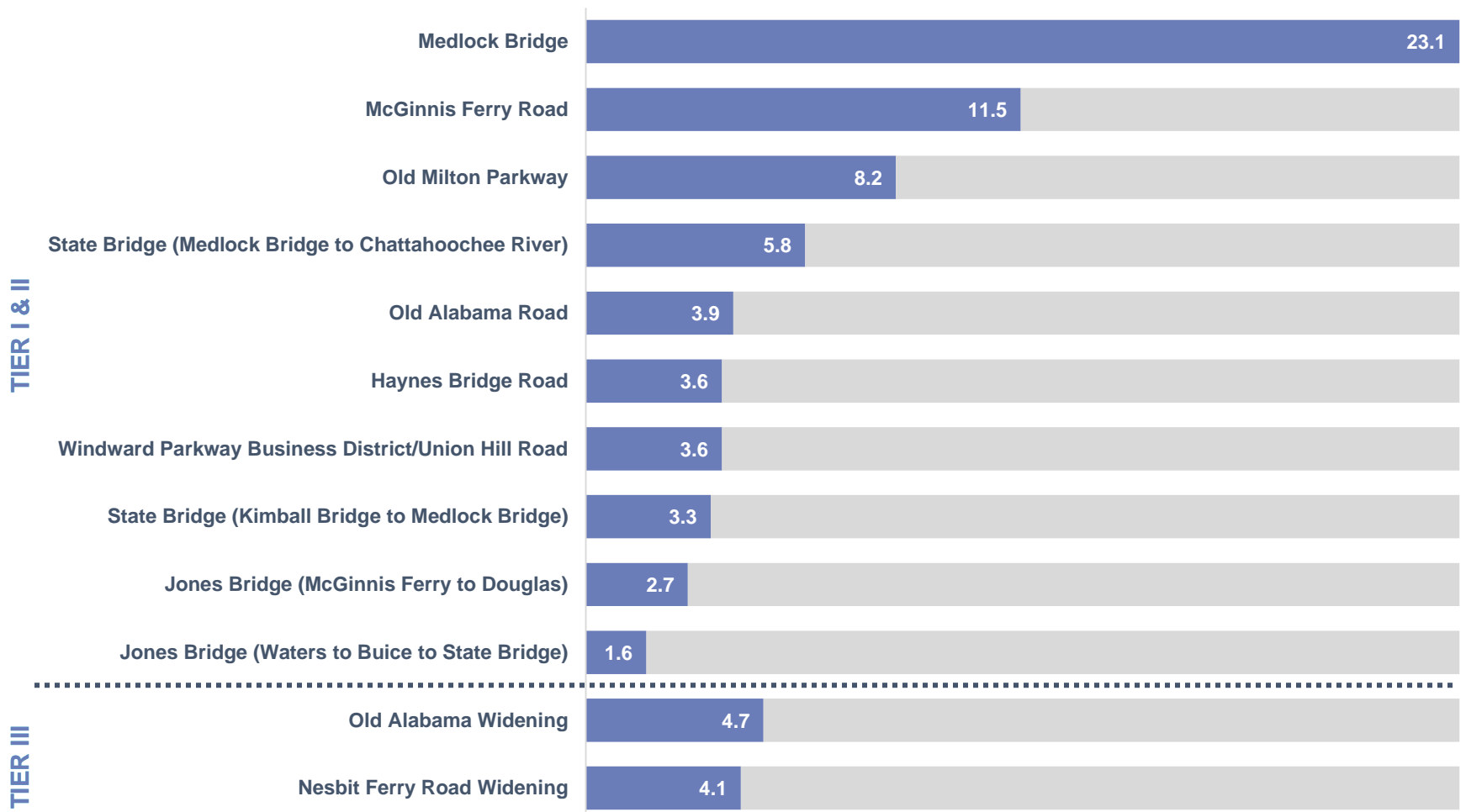


TSPLOST Impacts Project-Level Delay Reduction

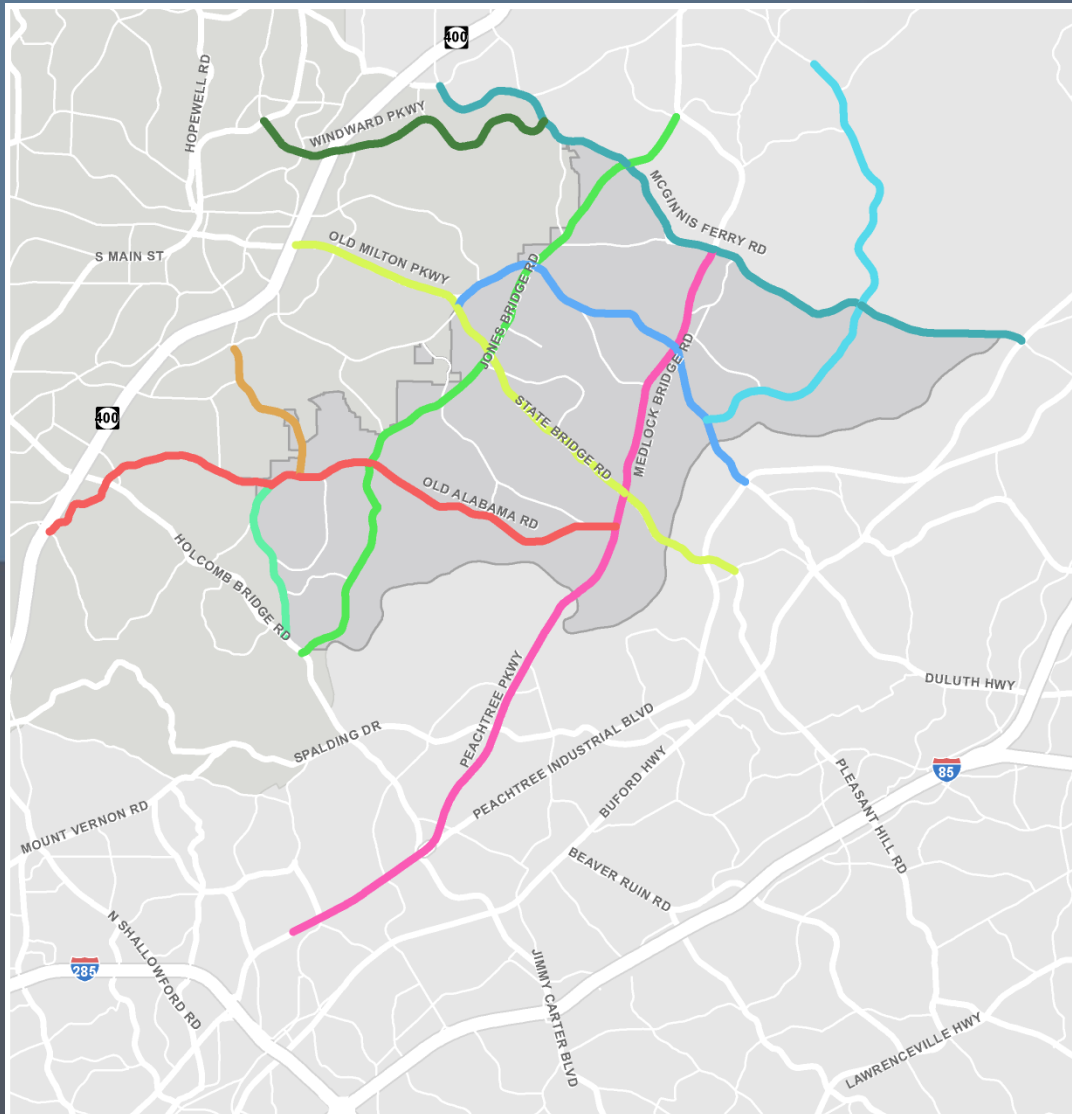


TSPLOST Impacts Project-Level

Annual Cost Savings (2024 Dollars, in millions)



Proposed Johns Creek TSPLOST Corridors



Corridors

-  McGinnis Ferry Road Corridor
-  Windward Parkway Business District / Union Hill Road Corridor
-  Jones Bridge Road Corridor
-  State Bridge Road / Old Milton Parkway Corridor
-  SR 120 / Abbotts Corridor
-  Medlock Bridge / Peachtree Parkway Corridor
-  Old Atlanta Road Corridor
-  Old Alabama Road Corridor
-  Nesbit Ferry Road Corridor
-  Haynes Bridge Road Corridor
-  Johns Creek City Limits
-  North Fulton

TSPLOST Impacts Corridor Level

➤ *Total travel cost savings = \$126.3 M each year*

➤ *Additional \$14.7M in travel cost savings due to cumulative network efficiencies*

