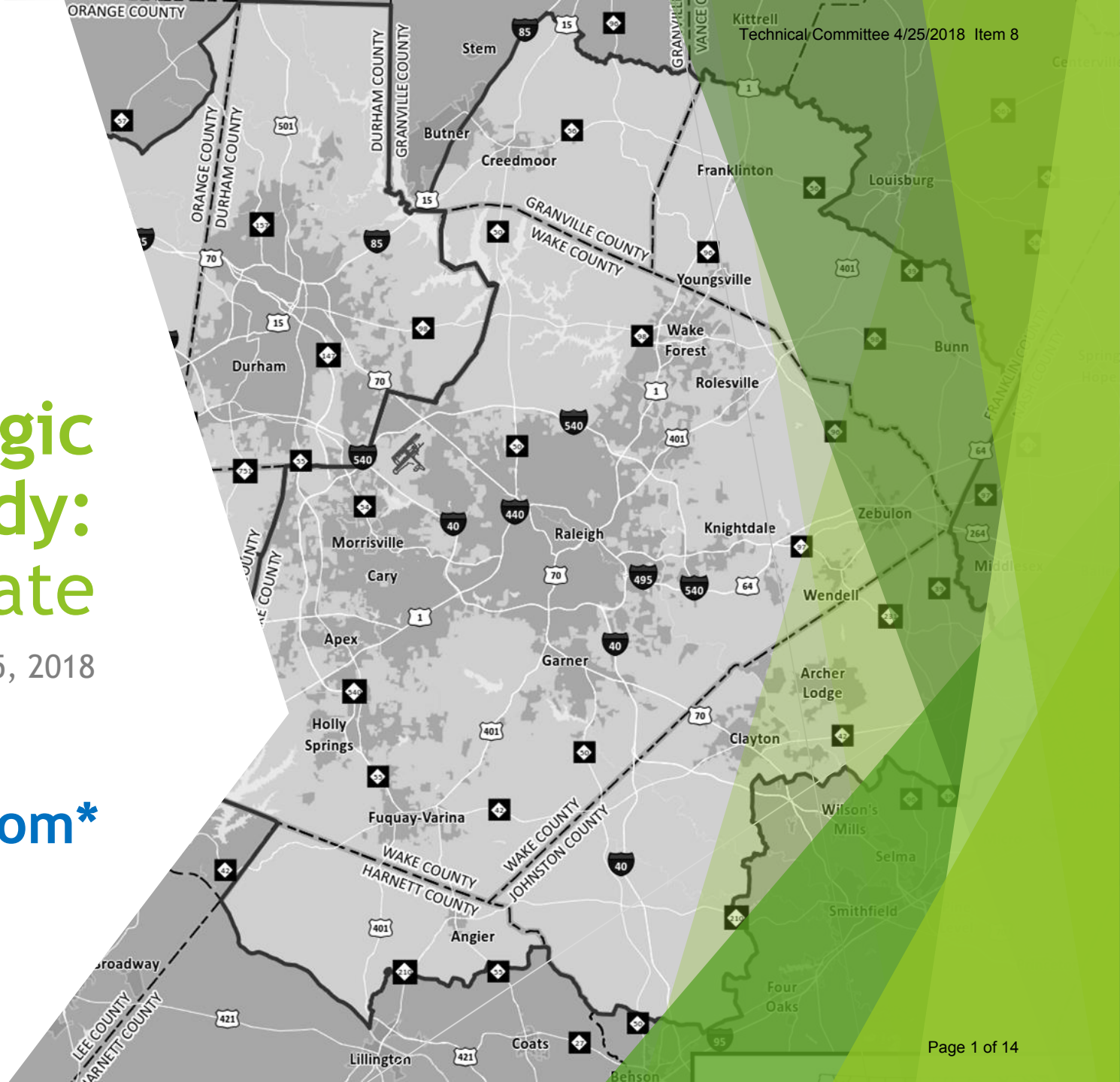


Triangle Strategic Tolling Study: Update

April 25, 2018

www.TriangleTollingStudy.com*

* For more detailed copy of this presentation
and copy of Best Practices report



Study Overview

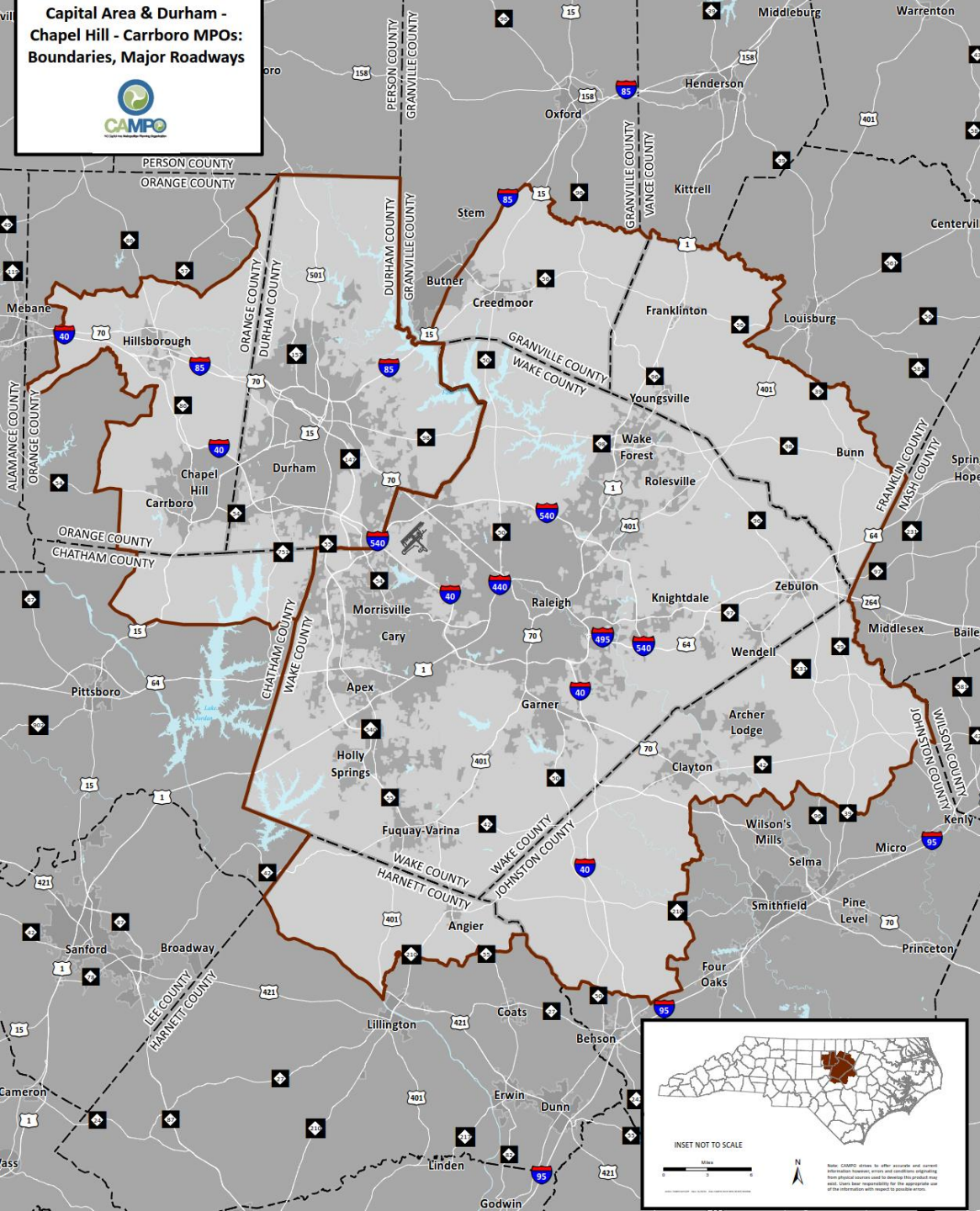
► This study is a collaborative effort of:

Capital Area
MPO

Durham-
Chapel Hill-
Carrboro MPO

NCDOT

TRIANGLE STRATEGIC
TOLLING STUDY



Capital Area & Durham -
Chapel Hill - Carrboro MPOs:
Boundaries, Major Roadways



Study Overview

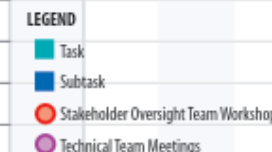
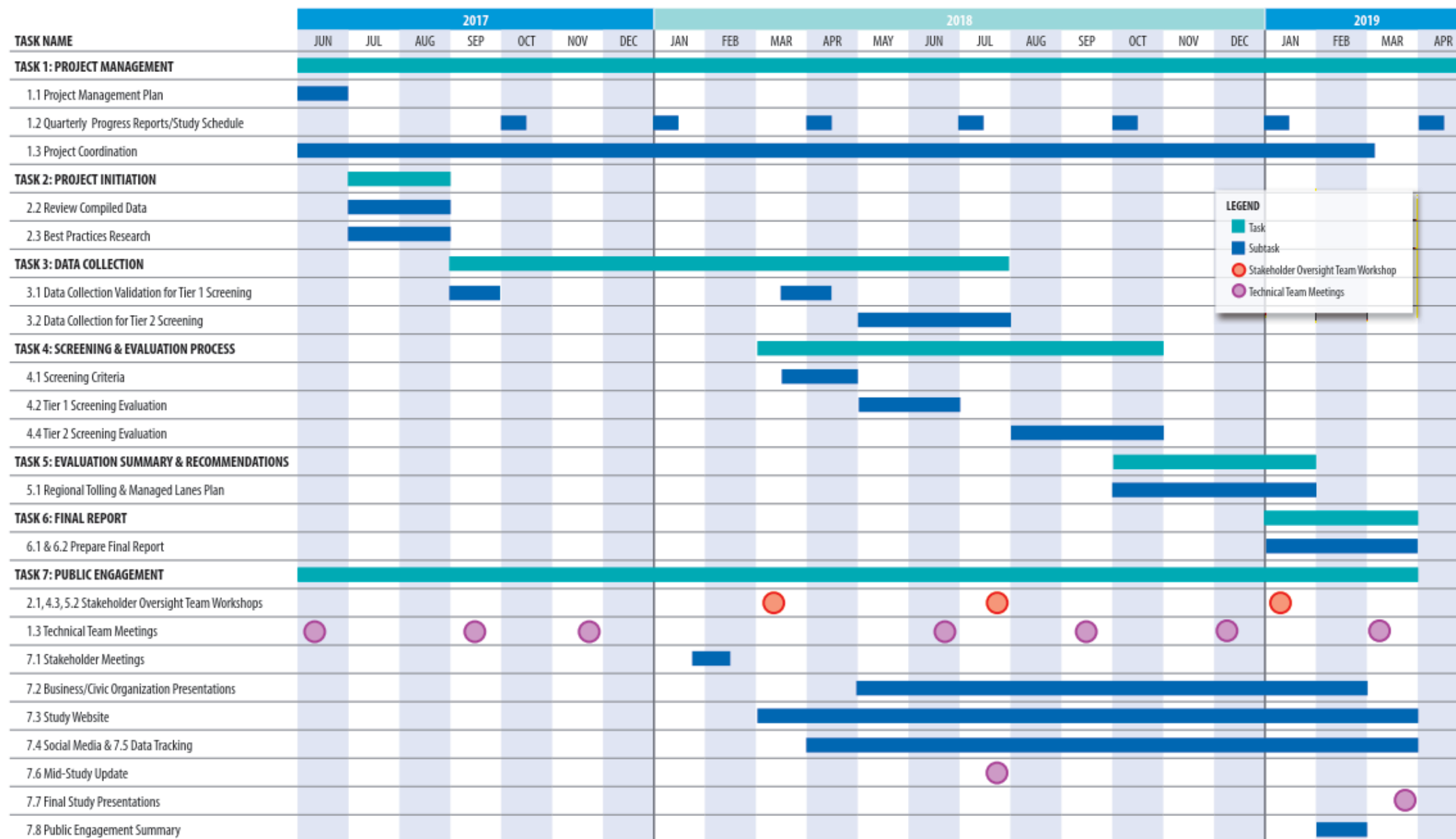
- The Triangle Region is growing rapidly and to stay competitive with other regions, a study is being conducted to:

Evaluate the regional transportation network

Determine if toll lanes and/or managed lanes are applicable to the Triangle Region

Develop a toll lane and/or managed lane strategy to address current and future capacity needs with funding deficiencies

Triangle Toll Feasibility Study Schedule



Revised February 14, 2018

What About the Income Equity of Tolls?

- ▶ Using policies to address effect of tolling on low income travelers ('income equity')
 - ▶ Low income incentive programs
 - ▶ Link to transit fare discount qualifications
 - ▶ Carpool incentives
 - ▶ Enhanced / targeted investments in transit service
 - ▶ Expanded options for electronic toll participation
 - ▶ Redistribution of net revenue

Studies have shown that low income drivers use priced facilities and benefit significantly from improved travel time and travel time reliability

Best Practice Highlights - Equity Considerations

Common Equity Objections

- Paying for what has traditionally been “free”
- Paying twice (motor fuel taxes + tolls)
- Disproportionate distributions of costs/benefits

Equity Analysis & Framework

- Income Equity
- Modal Equity
- Geographic Equity

Potential Mitigation Strategies

- Revenue Allocation
- Toll Discounts
- Toll Transit Credits
- Carpool Loyalty Program

Best Practice Highlights - Operating Policy

- ▶ Electronic Toll Collection (ETC)
- ▶ Pricing Models
- ▶ Exemptions & Vehicle Eligibility
- ▶ Building Consensus
- ▶ Public Outreach
- ▶ Use of Revenue
- ▶ Benefits of Express Lane Bus Service
- ▶ Design Considerations



Copy of full report at:

<http://triangle tolling study.com/resources/>

Stakeholder Meetings Overview

- ▶ Seven meetings involving 1, 2 or 3 interviewees
- ▶ Meeting attended by 6 elected officials and representatives of RTA and GoTriangle
- ▶ Meeting attended by 9 staff representatives of MPOs, NCDOT & other relevant groups

QUESTION: Current Community Issues Potentially Impacting the Perception of Tolling/Express Toll Lanes in the Triangle



QUESTION: Mitigating Identified Impacts or Problems

Enhance Transit Service/Rideshare
Free Use for Transit Vehicles
Different Transponders/Subsidies for Low Income Users
Rebate/Refund for Economically Disadvantaged Populations
Use revenue to improve transit and bike/ped projects

Clearly Communicate Information
Find Ways to Offset Impacts
Free/Reduced Pricing
Bring Communities in Early
Transparency of Impacts
Reduce Barrier by Free HOV2
Allow Occasional Free Use

QUESTION: Views on Potential Environmental Benefits/Concerns

Will environmental impacts
decrease/increase?

Invest in transit
Less incentive to widen the road
once managed lanes are added
Toll revenue provides opportunity to build larger
than necessary – more destructive to the
environment
Same concerns as non-toll roads
Natural limits of growth
Water quality control?
Improve air
quality
Makes the best use of limited ROW
Does not promote transit

Reduces stop and go
traffic/congestion

Increase in ride-sharing/transit

Makes people more conscious of the
cost of traveling
Do tolls encourage more
vehicles on roadway or not?

QUESTION: Biggest Opportunities For Improving the Perception of Tolling During the Triangle Strategic Tolling Study



Outreach & Education

- Transparency (cost of tolls, toll lane revenue, positives of Triangle Expressway, tolls based on traffic flow)



Marketing/Social Media (Reach as Many People as Possible)



Open Triangle Expressway Early to Demonstrate Value

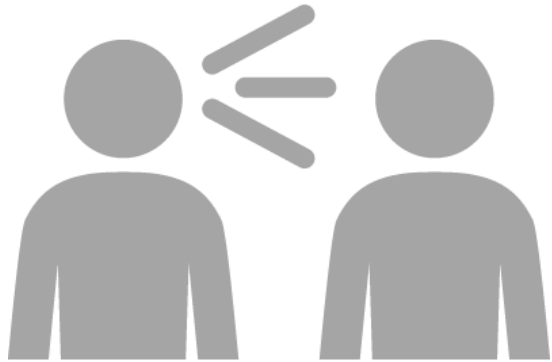


Identify Options for Beneficial Tradeoffs (Mitigation of impacts to low income populations, environmental sustainability, supporting transit)

Next Steps

- ▶ Develop screening criteria (performance measures)
- ▶ Complete Tier 1 screening evaluation
- ▶ Present update and Tier 1 screening results to MPO Boards early August
- ▶ Continue public engagement (website, social media, etc.)

More Information?



- ▶ <http://triangleollingstudy.com>

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