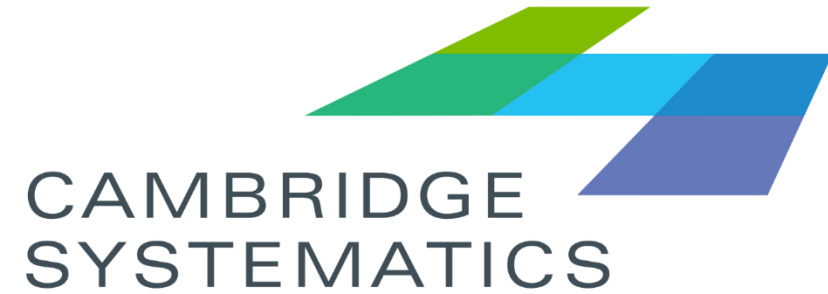
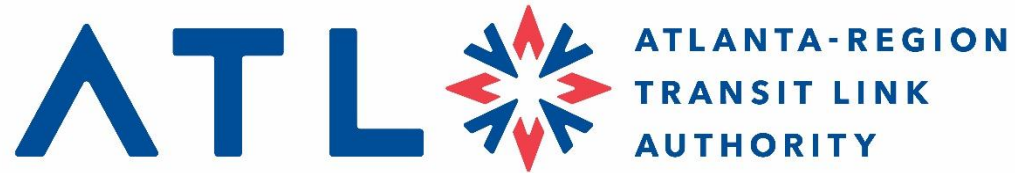




ATL Regional Transit Planning Committee

September 20, 2019



Think  Forward

ATL Regional Transit Plan *Status Update and Draft Results*

presented to

*Regional Transit Planning Committee
(Committee of the Whole)*

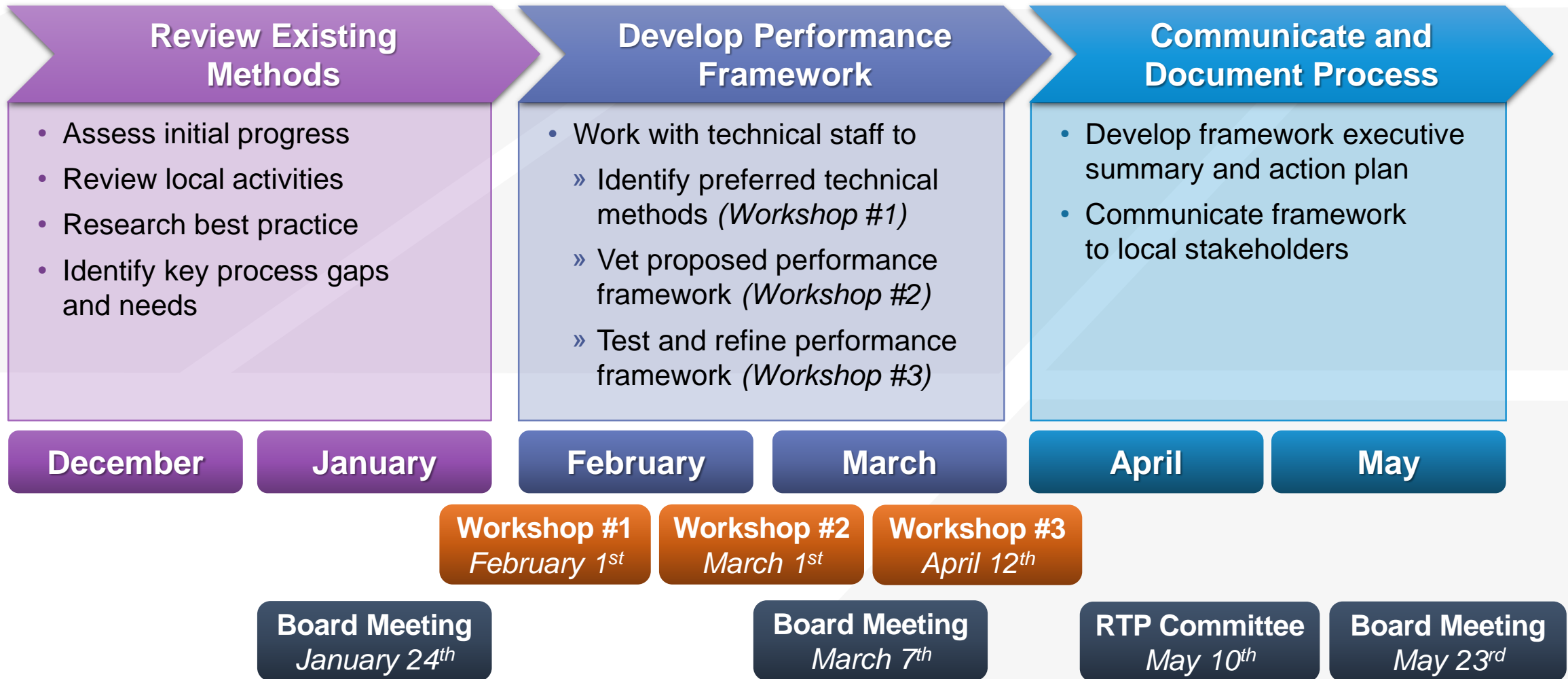
presented by

Cambridge Systematics, Inc.

September 20, 2019

Schedule

Developing the ARTP Performance Framework



Schedule

Applying the ARTP Performance Framework

Transit Project Submittal

- On-line application complete
- Project submittal window open
- Webform information sessions
- One-on-one meetings to communicate process

June

July

Webform #1
June 18

Webform #2
June 20

Webform #3
July 10

Webform #4
July 24

Transit Project Review

- Compile, review project submissions
- Apply ARTP performance framework
- QAQC with sponsors
- ATL Board Planning Committee review and input

August

September

Board Meeting
August 8th

RTPCommittee
September 20

Outreach and Engagement

- Complete plan-level analysis, plan narrative
- District outreach (*October*)
- Official 30-day public engagement period (*November*)
- Finalize plan for Board adoption (*December*)

October

November

Board Meeting
November 7

Board Meeting
December 13

Transit Project Submittal

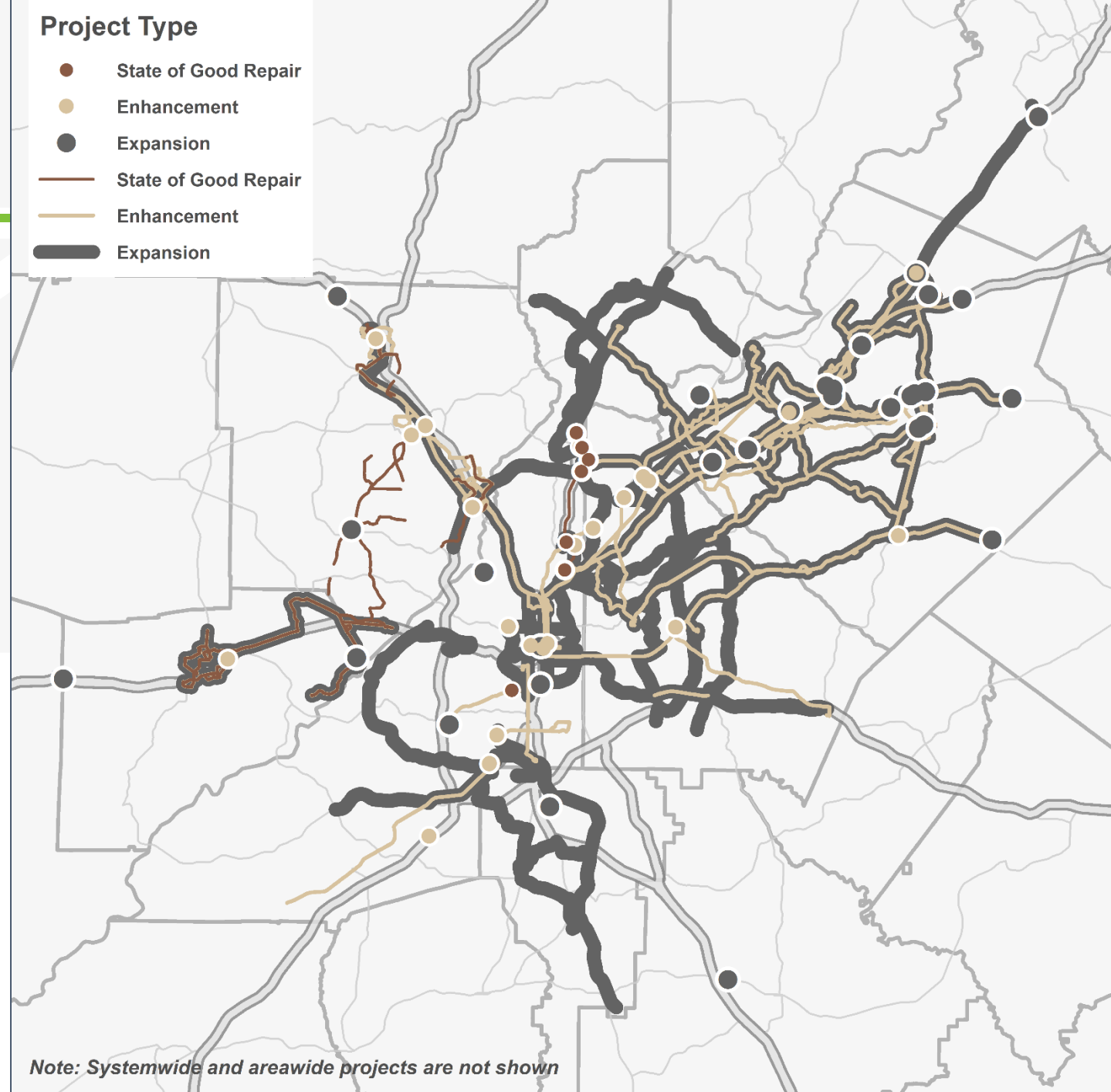
- 195 projects initially submitted through the ATL on-line application
- Project list refined to 192 based on review and QAQC with sponsors in August
 - » 49 system/area-wide investments
 - » 130 route/asset-specific investments
 - » 13 projects not yet associated with specific geographic area, route, or asset type (very early in development)

All Submitted Projects by Type

- 30 State of Good Repair
- 57 Enhancement
- 105 Expansion

Project Type

- State of Good Repair
- Enhancement
- Expansion
- State of Good Repair
- Enhancement
- Expansion



Note: Systemwide and areawide projects are not shown

Transit Project Submittal

District Summaries

DISTRICT 3

- 75 total projects
- 38 tiered

DISTRICT 4

- 9 total projects
- 6 tiered

DISTRICT 5

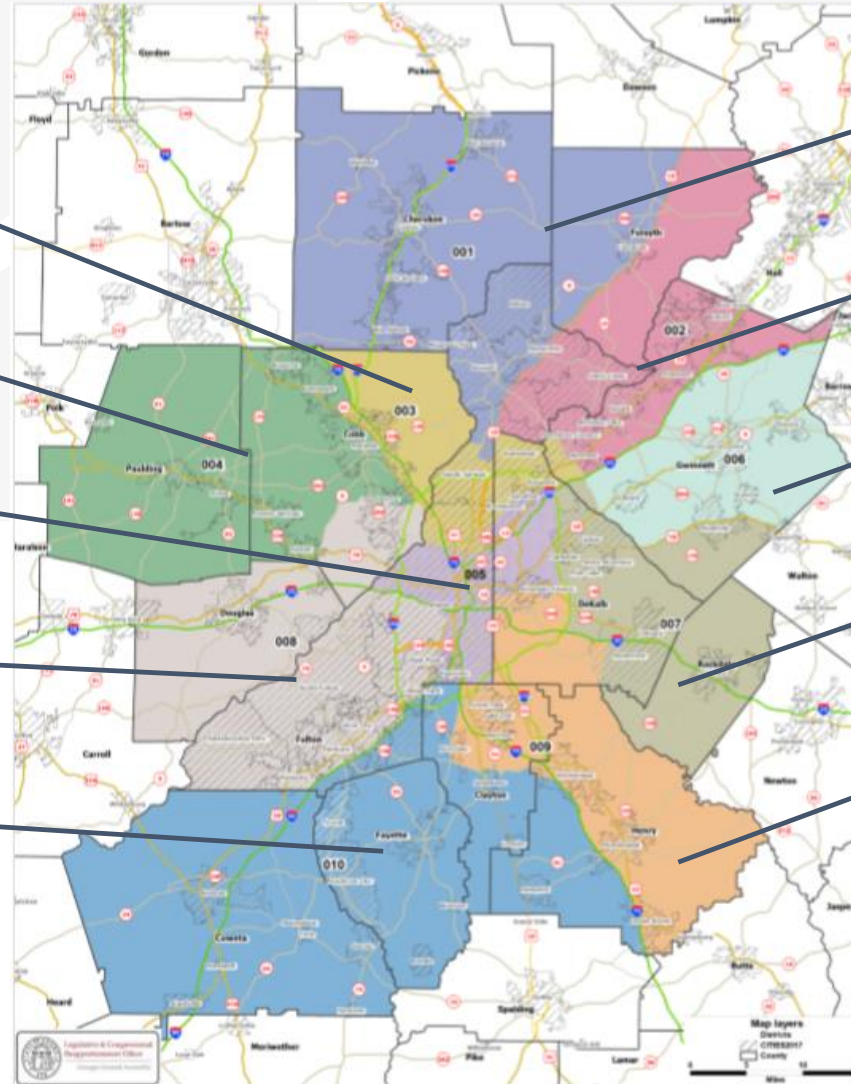
- 96 total projects
- 43 tiered

DISTRICT 8

- 53 total projects
- 18 tiered

DISTRICT 10

- 31 total projects
- 13 tiered



DISTRICT 1

- 18 total projects
- 5 tiered

DISTRICT 2

- 53 total projects
- 25 tiered

DISTRICT 6

- 40 total projects
- 22 tiered

DISTRICT 7

- 48 total projects
- 15 tiered

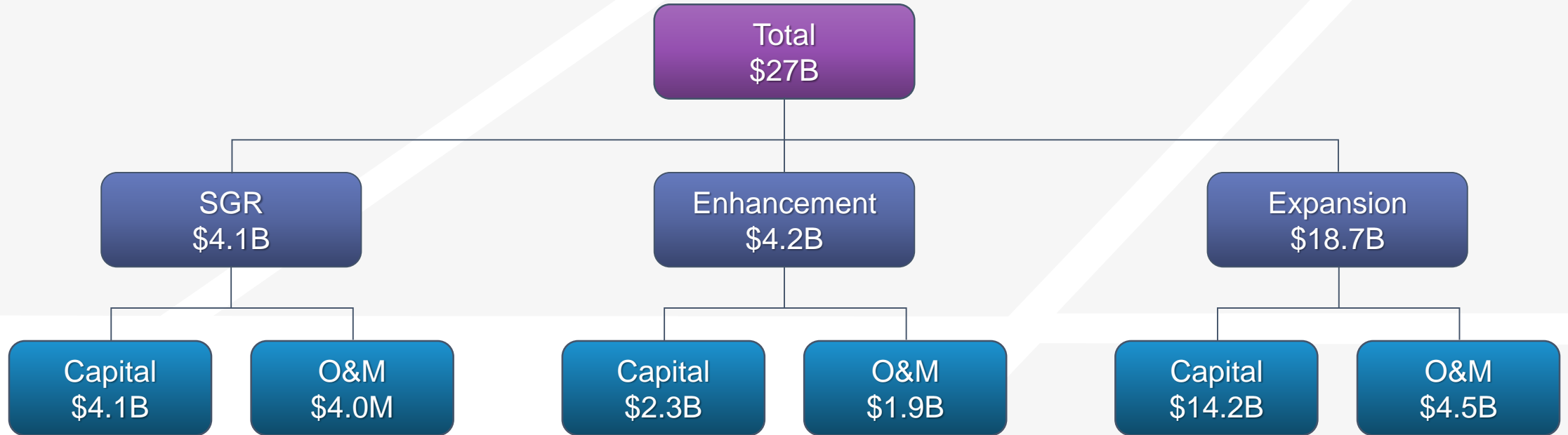
DISTRICT 9

- 42 total projects
- 13 tiered

*If a project enters any portion of a district, it is included in summary.
Projects can cover multiple districts*

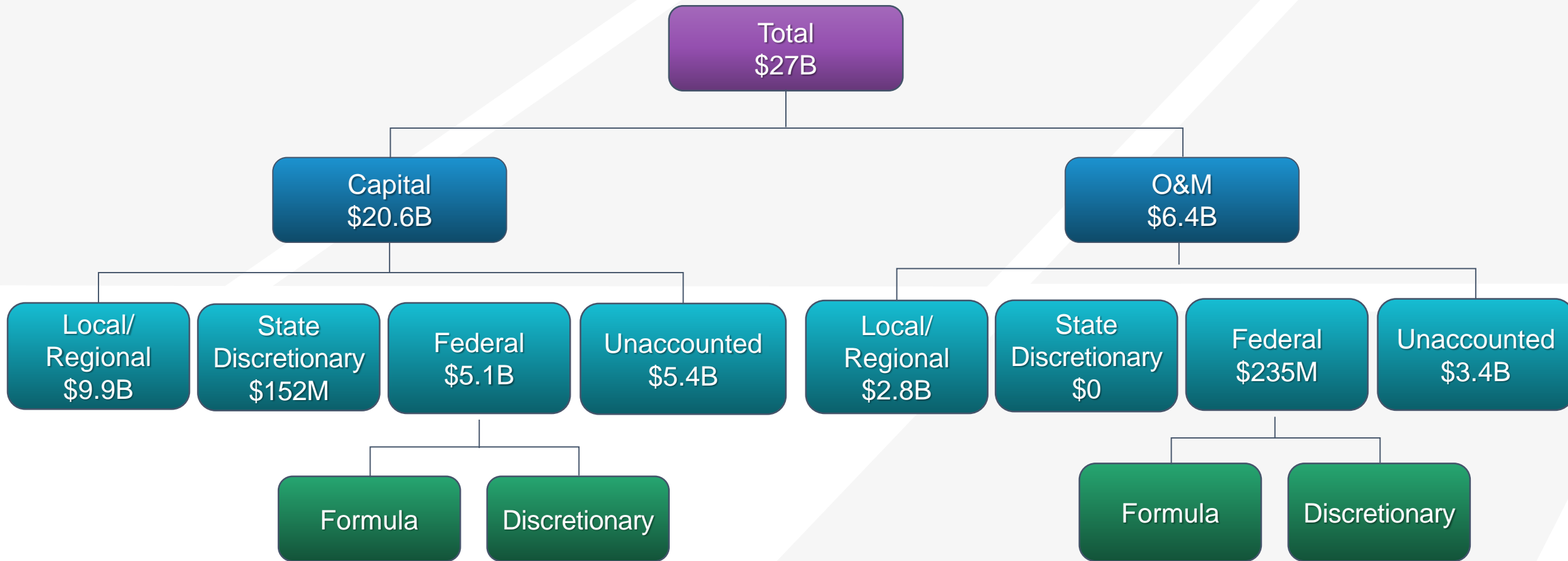
Transit Project Submittal

Total Costs (By Project Type)



Transit Project Submittal

Total Project Costs (By Fund Source)



Transit Project Review

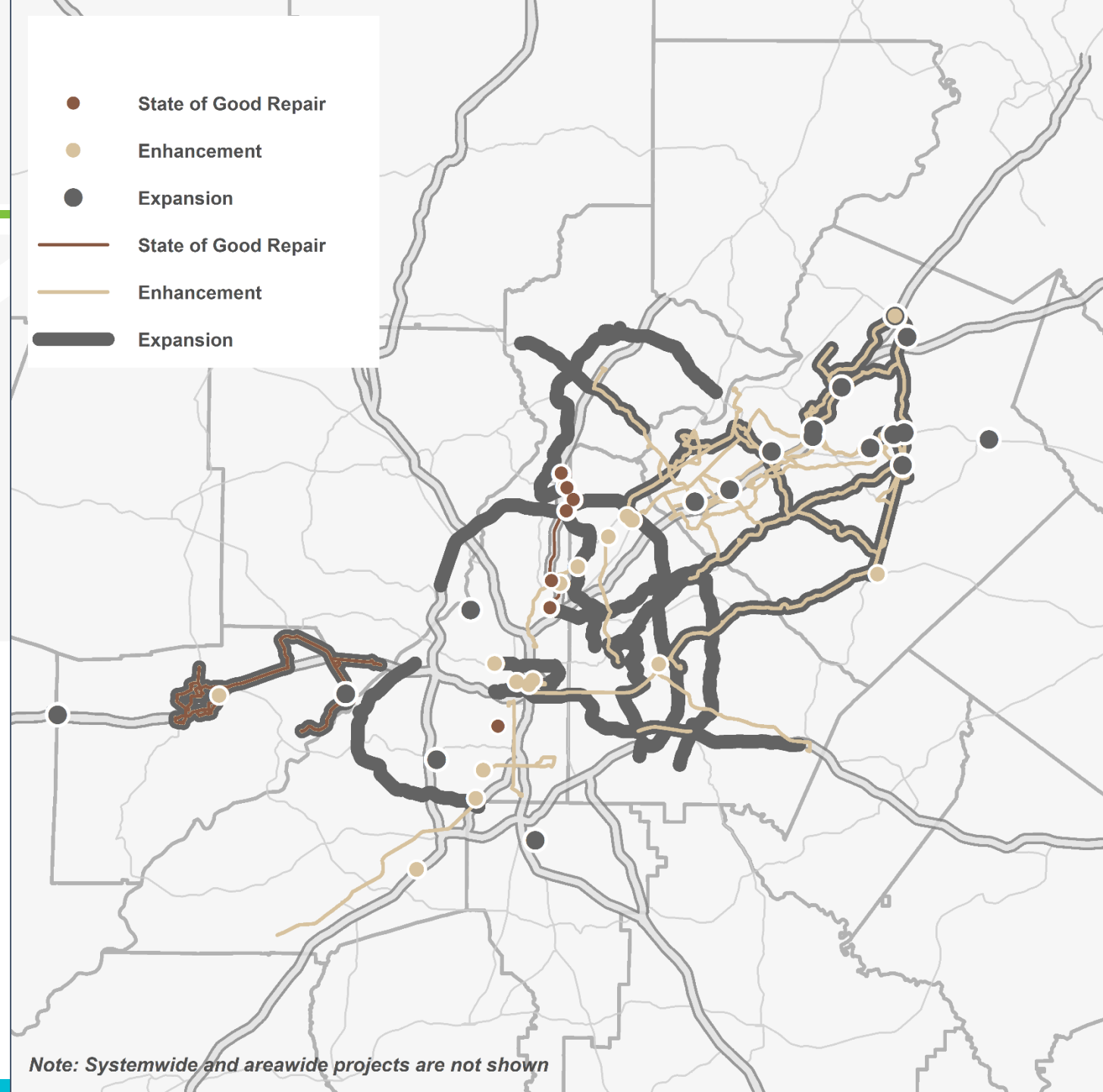
- ALL projects reviewed according to ARTP performance framework
- ARTP performance framework supports feedback and discussion with sponsors on:
 - » Project development needs at the local level
 - » Plan development needs at the regional level
 - » Next steps for advancing project and plan implementation



Projects with No Fed/State Discretionary Funding Identified

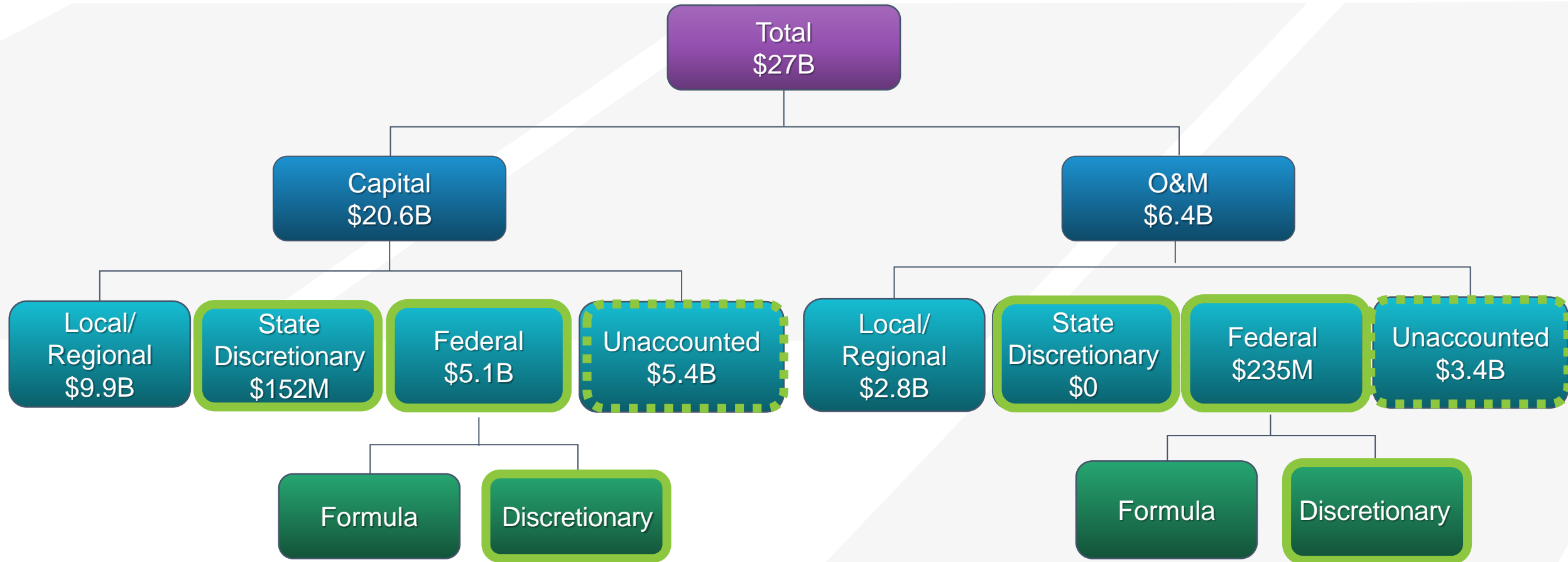
➤ 116 projects

- » Projects still under development; funding assumptions still unconfirmed
- » Projects to be completed exclusively with local and/or formula funds and do not meet the definition of regionally significant



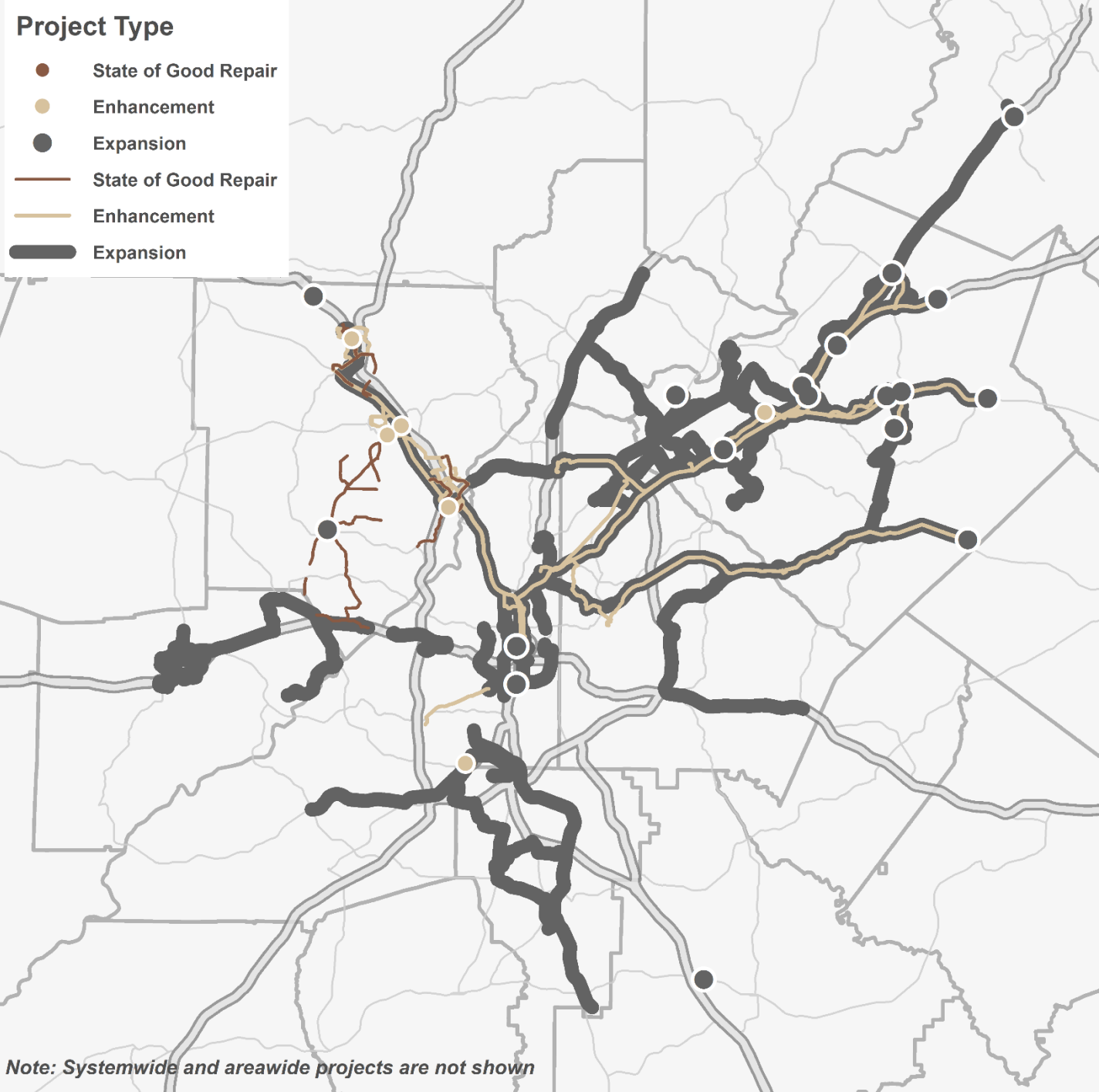
Transit Project Review

Projects Seeking Federal/State Discretionary Dollars



Projects with Fed / State Discretionary Funding Identified

- 76 projects, \$16.1B
 - » 40% by count
 - » 60% by \$-amount
- Any project seeking federal or state discretionary funding was placed into 1 of 3 project quadrants
- Project quadrants support project development discussions for the ARTP and RTP/TIP



Transit Project Review

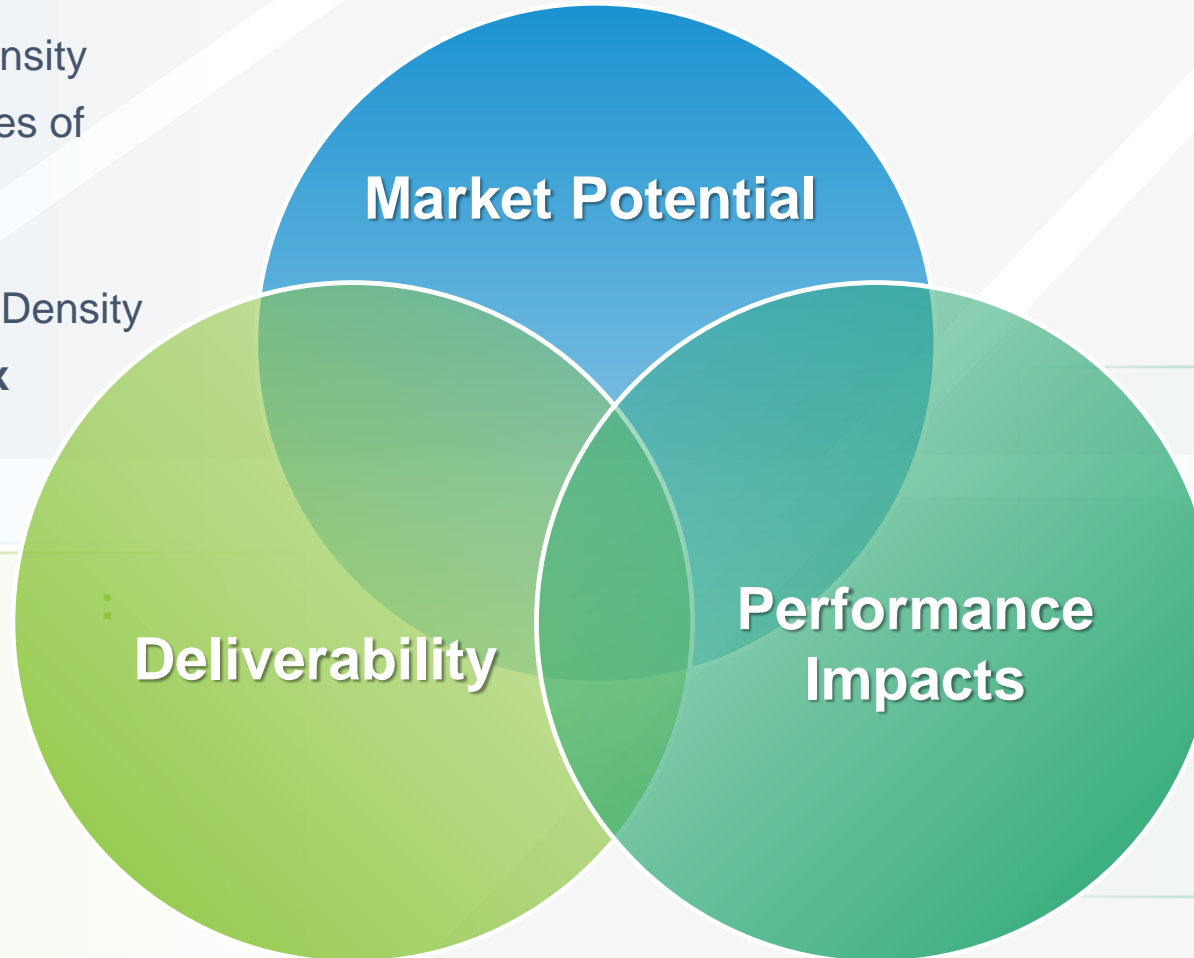
Multi-Criteria Prioritization Model

MARKET POTENTIAL:

- Existing/Projected Population Density
- Existing Population – Communities of Interest
- Existing Employment Density
- Existing Low Wage Employment Density
- **Existing/Planned Land Use Mix (+/- Community Impacts)**
- **(Re) Development Potential**

DELIVERABILITY

- **Financial Plan**
- Documented Project Support
- Project Readiness – Schedule, Environmental Impacts
- Regional Integration



PERFORMANCE IMPACTS:

- Transit Trips
- **Transit Reliability**
- Increased Useful Life
- Elements to Improve Safety / Security / Environment

Transit Project Review

Four-Quadrant Matrix Model

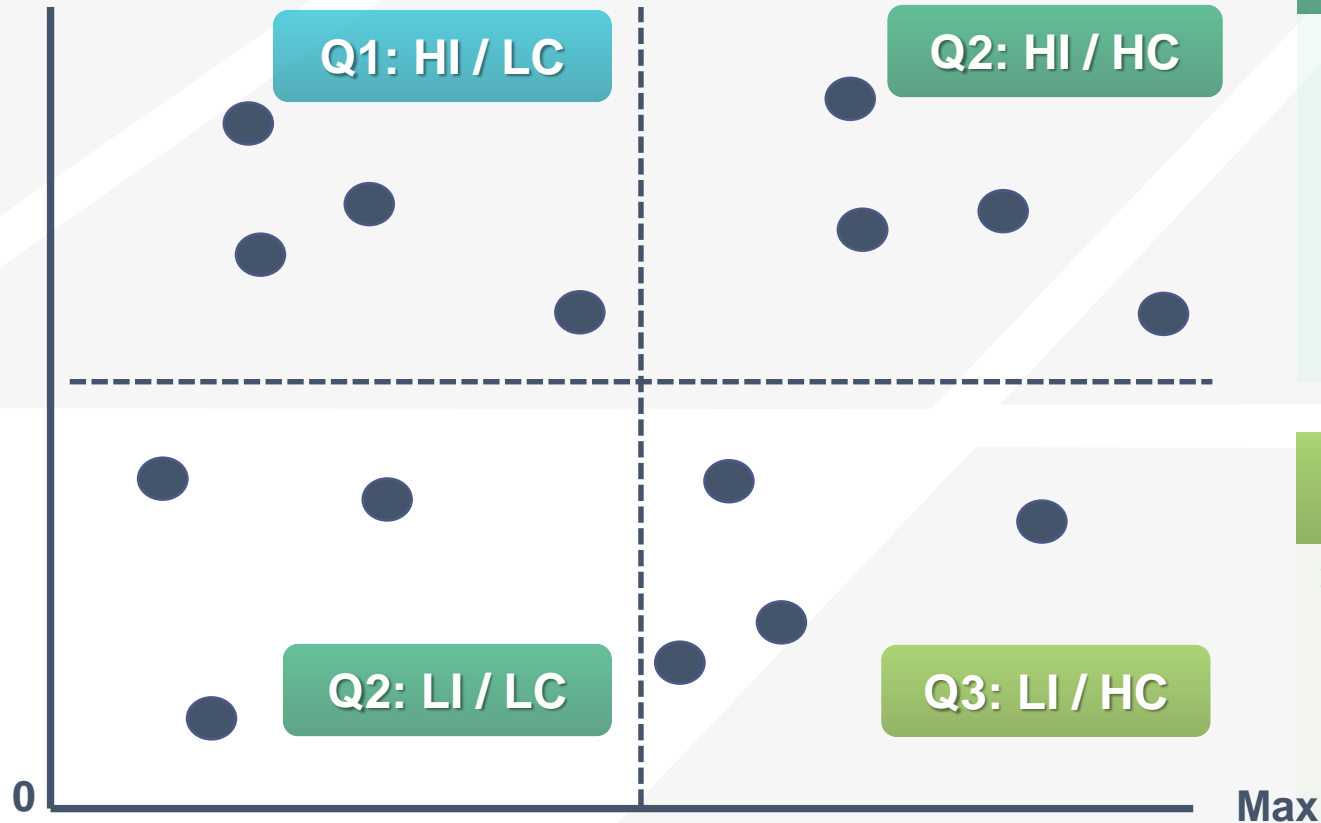
Quadrant 1 Higher Impact / Lower Cost

- » High impact (progress towards ARTP goals) at the least relative cost
- » **Investments that optimize both performance and funding**

Quadrant 2 Lower Impact / Lower Cost

- » Lower cost investments with less impact (progress towards ARTP goals)
- » **Investments that optimize funding**

Total Project Score
(0-100 pts)



Quadrant 2 Higher Impact / Higher Cost

- » High impact (progress towards ARTP goals) at a higher cost
- » **Investments that optimize performance**

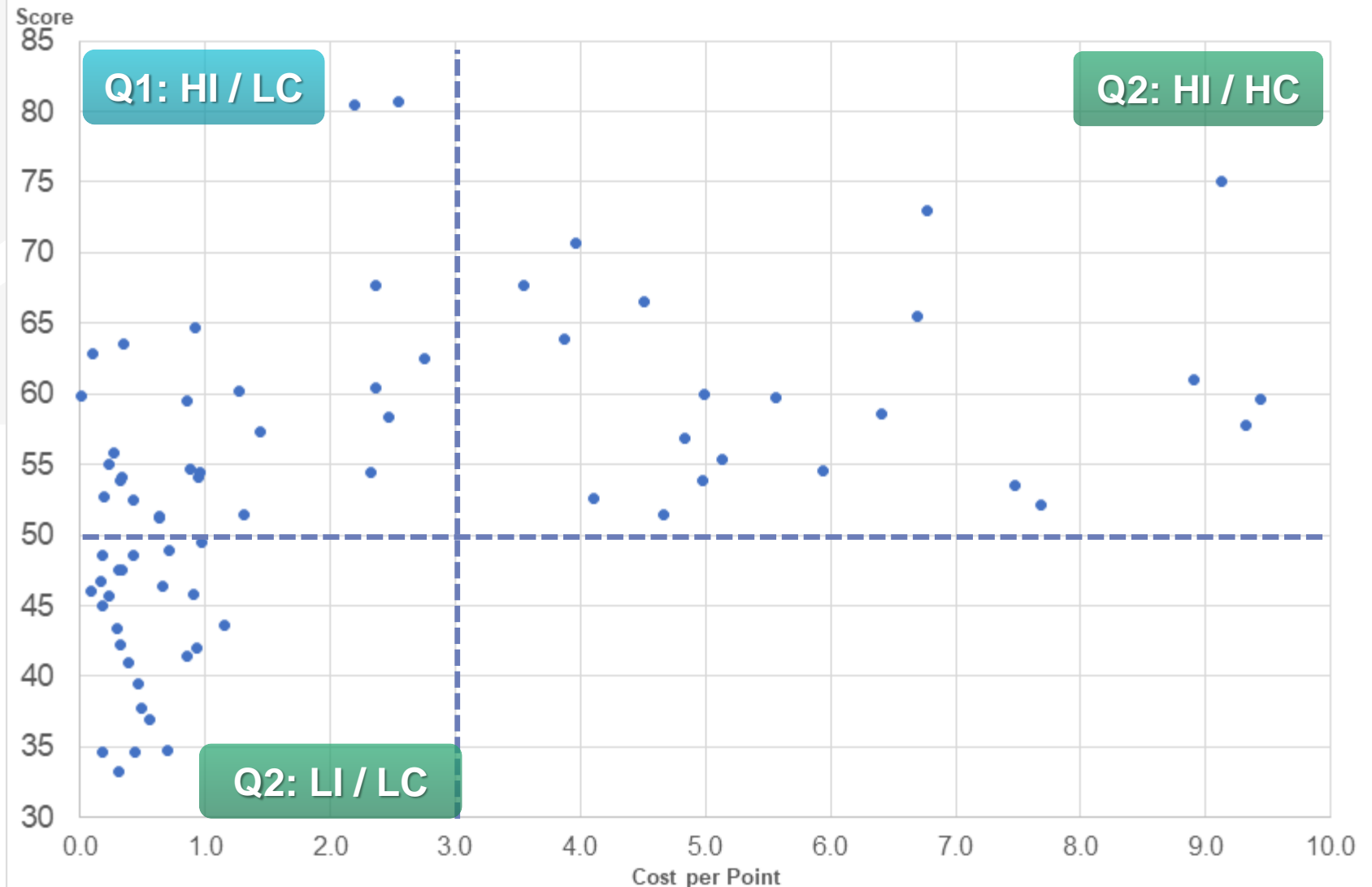
Quadrant 3 Lower Impact / Higher Cost

- » Higher cost investments with less impact (progress towards ARTP goals)

Transit Project Review

Projects Seeking Fed/State Discretionary Funding

Scatterplot for all 76 ARTP projects requiring federal or state discretionary funding

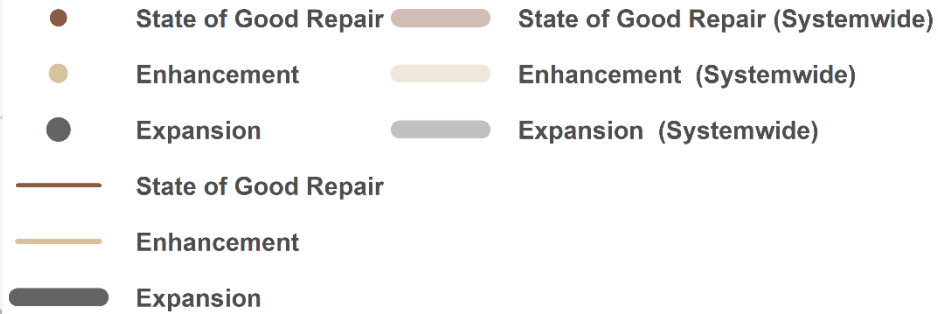


Quadrant 1

Higher Impact/Lower Cost

- High impact investment, lower cost
- Optimizes both performance and funding
 - » 26 projects
 - » Projects average 59 points
 - » \$1.8 billion (total cost)

Quadrant 1 Projects



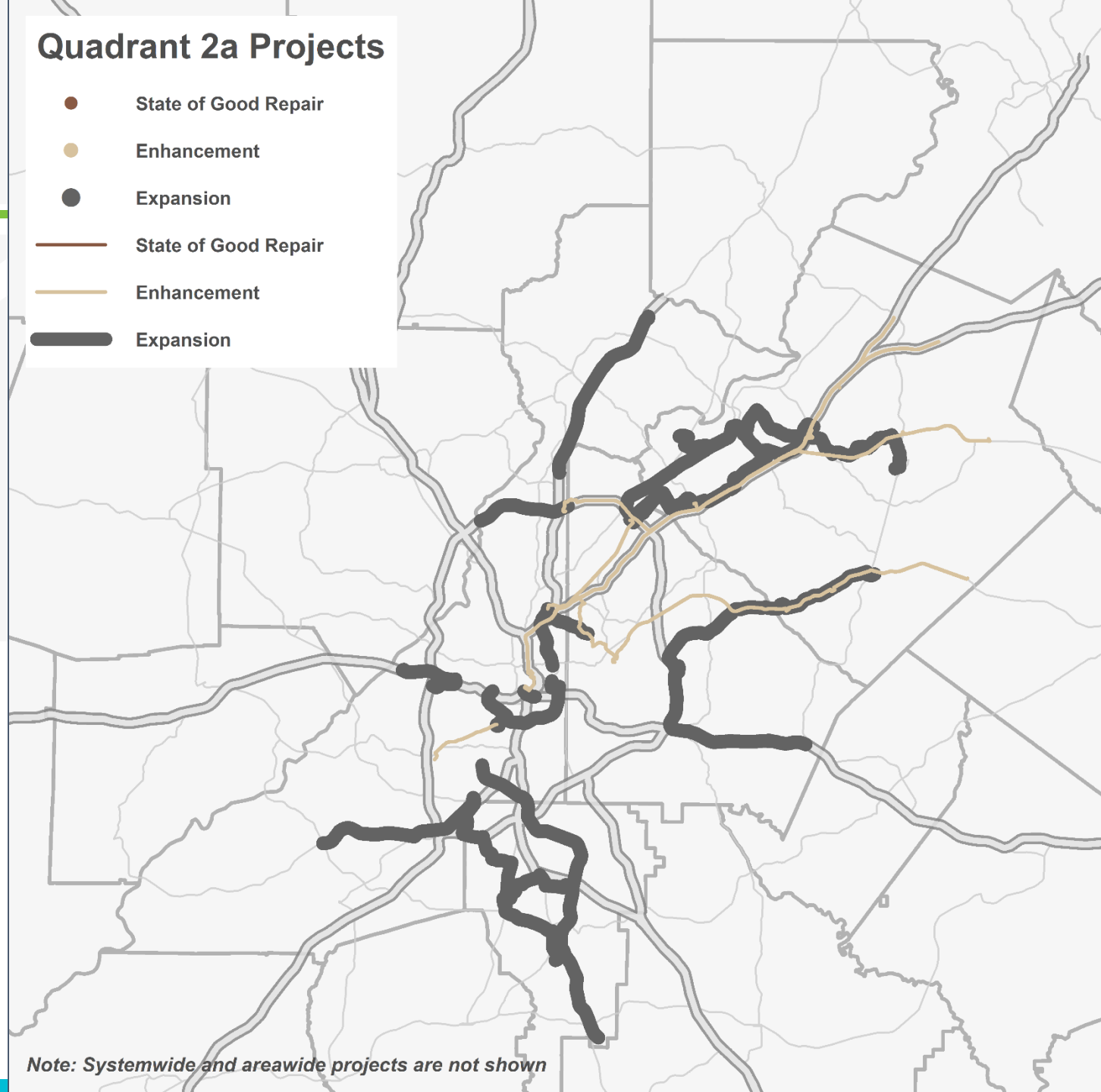
Quadrant 2

Higher Impact/Higher Cost

- High impact investment, at higher cost
- Optimizes performance
 - » 25 projects
 - » Projects average 60 points
 - » \$13.4 billion (total cost)

Quadrant 2a Projects

- State of Good Repair
- Enhancement
- Expansion
- State of Good Repair
- Enhancement
- Expansion



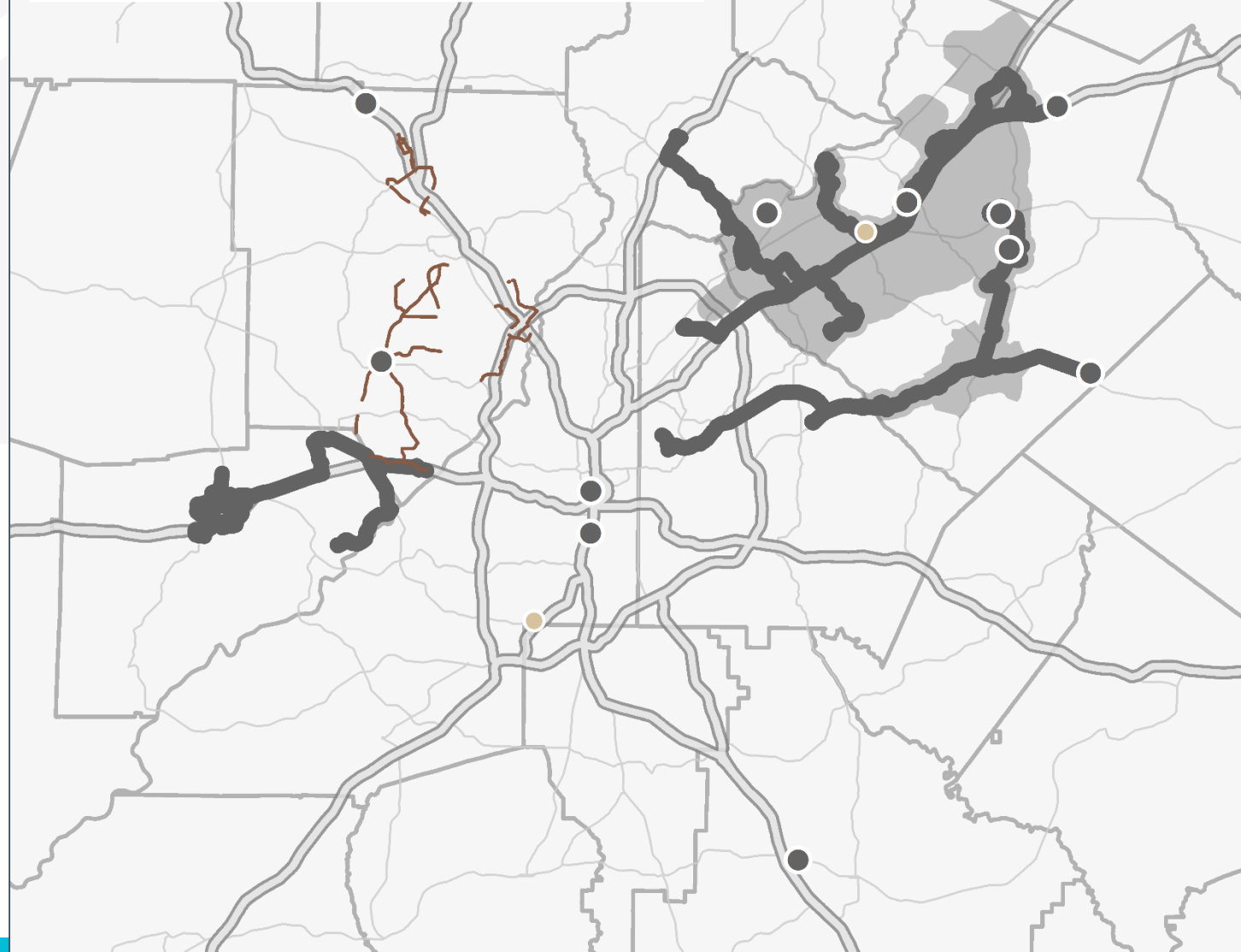
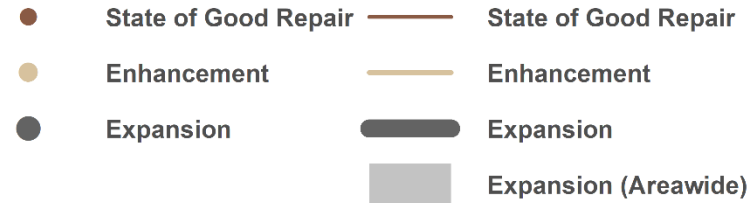
Note: Systemwide and areawide projects are not shown

Quadrant 2

Lower Impact/Lower Cost

- Lower cost investment with less impact
- Optimizes funding
 - » 25 projects
 - » Projects average 43 points
 - » \$0.5 billion (total cost)

Quadrant 2b Projects



Quadrant 3

- No projects fell into Quadrant 3 – our higher cost projects are maximizing performance
- This quadrant should capture projects where additional development or refinement is needed:
 - » Project scoping components that better align with market, performance and/or deliverability considerations
 - » Project cost considerations
- Projects that fall into Quadrant 3 need additional work to move them into one of the other quadrants; should trigger a conversation between sponsor and the ATL around if / how best to advance

Transit Project Review

Initial Findings

- Healthy distribution of projects by type; however, geographic distribution leaned towards areas with recently completed transit plans
 - » Over time a “top-down” planning approach will help balance this initial “bottoms-up” process
- Project data inconsistent across submissions
 - » Scope details
 - » Project cost and funding assumptions
 - » Supporting materials
- Projects yielded a reasonable distribution of points across ARTP performance framework criteria and cost-effectiveness
- Process is “stable” in that it can flex projects in or out without drastically restructuring results

Transit Project Review

Project Level Alignment to Governing Principles

Criteria Filter	Criteria 1 +	Criteria 2 +	Criteria 3 =	Total Point Value
Economic Development and Land Use	Regional Integration / Connectivity	Land Use Mix (+/- Community Impacts)		<p>Summarize across projects for each Governing Principle:</p> <p>-- Investments that are most directly advancing each principle</p> <p>-- Summary impact assessment for each principle (plan analysis)</p>
Environmental Sustainability	Elements to Improve Safety / Security / Environment			
Equity	Communities of Interest Population	Low Wage Employment Density	(Re)Development Potential	
Innovation	Transit Reliability			
Mobility and Access	Transit Trips			
Return on Investment	Cost-Effectiveness			

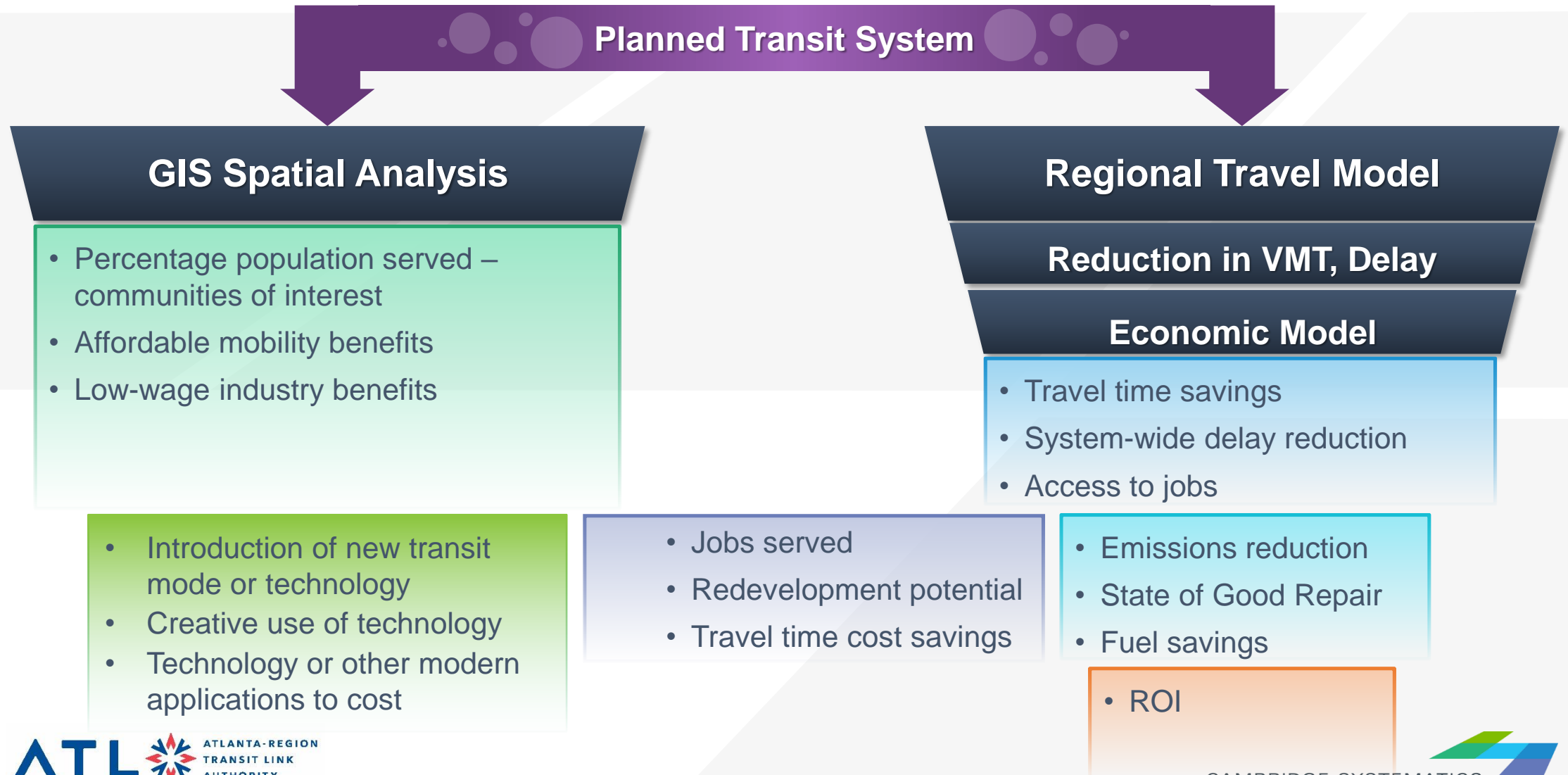
Next Steps

Plan-Level Evaluation



Next Steps

Plan-Level Evaluation



Next Steps

Outreach and Engagement

- Draft ARTP narrative
- District outreach/Engagement

Questions



ARTP OUTREACH PLAN

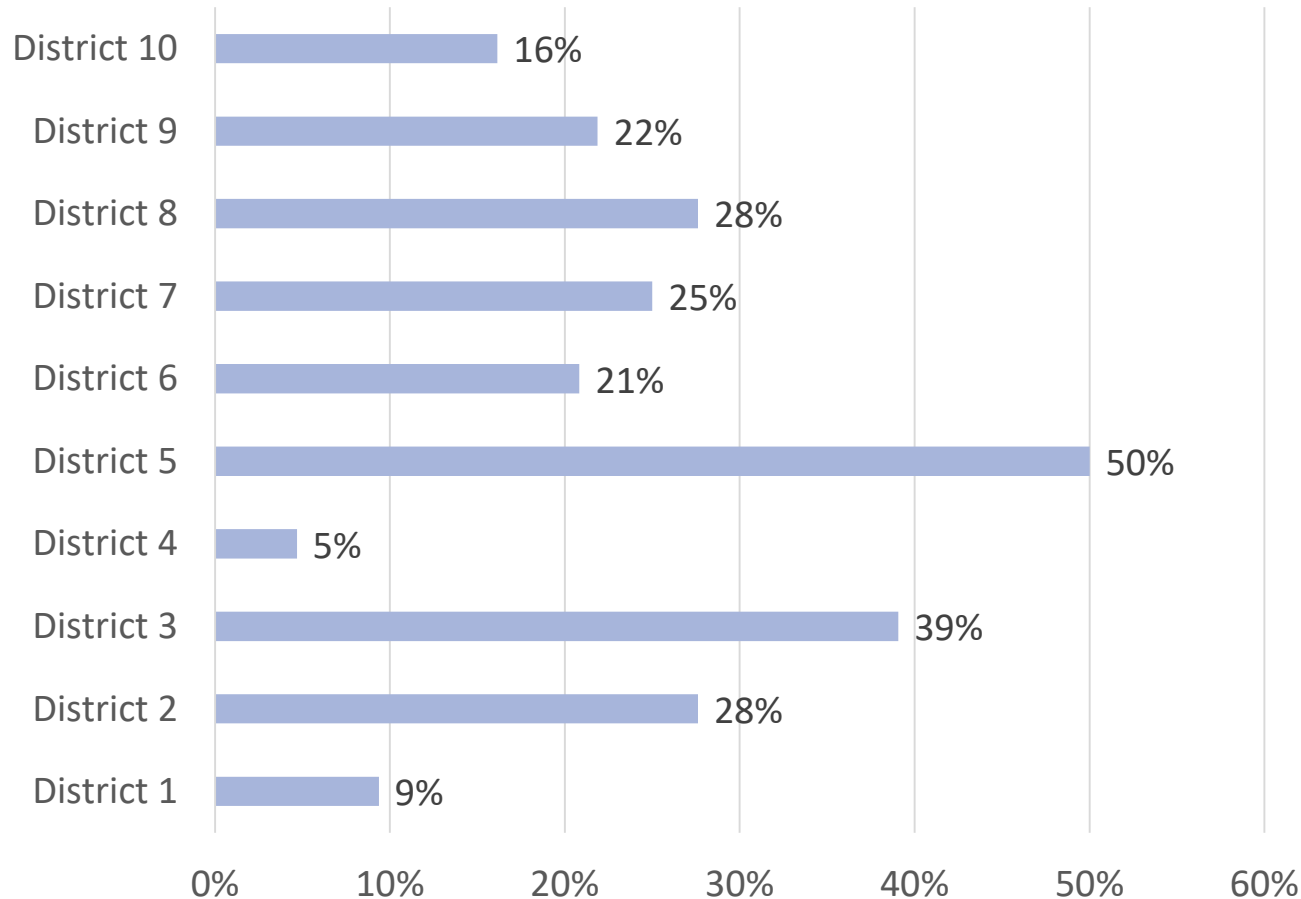
Scott Haggard

ATL Regional Transit Planning Committee

September 20, 2019

ARTP OUTREACH PLAN IN SUMMARY

Percentage of Total Projects Submitted By District



- ▶ ATL Board seeks public input on the Draft ARTP prior to Board adoption
- ▶ 10 public information sessions, one per ATL district, will reach a wide range of stakeholders and citizens
- ▶ Venues were selected based on public familiarity with and accommodations for this type of meeting, and in areas of each district convenient to major population centers

ARTP OUTREACH PLAN FORMAT

- ▶ All information sessions will be held at a consistent time (6:30-8:30 pm), and are open to anyone
- ▶ Specific invitations will be sent to elected officials (federal/state/local), CIDs, transit operators, project sponsors, and other interested stakeholders
- ▶ Sessions will include a brief presentation, in conjunction with information boards and staff to answer questions, similar to recent county approaches
- ▶ Comments on the draft plan will be collected and presented back to the Board in November

MEETING DATES AND LOCATIONS

ALL INFO SESSIONS OCCURRING FROM 6:30 – 8:30 PM

Tuesday October 8 – District 8, Douglasville, Douglas County Courthouse

Wednesday, October 9 – District 9, Stockbridge, Merle Manders Center

Monday, October 21 – District 3, Sandy Springs City Hall

Tuesday, October 22 – District 10, Jonesboro, Clayton Performing Arts Ctr.

Wednesday, October 23 – District 7, Lithonia, Lou Walker Center

Thursday, October 24 – District 6, Lawrenceville, Gwt. Justice/Admin. Ctr.*

Monday, October 28 – District 4, Marietta, Sewell Mill Library

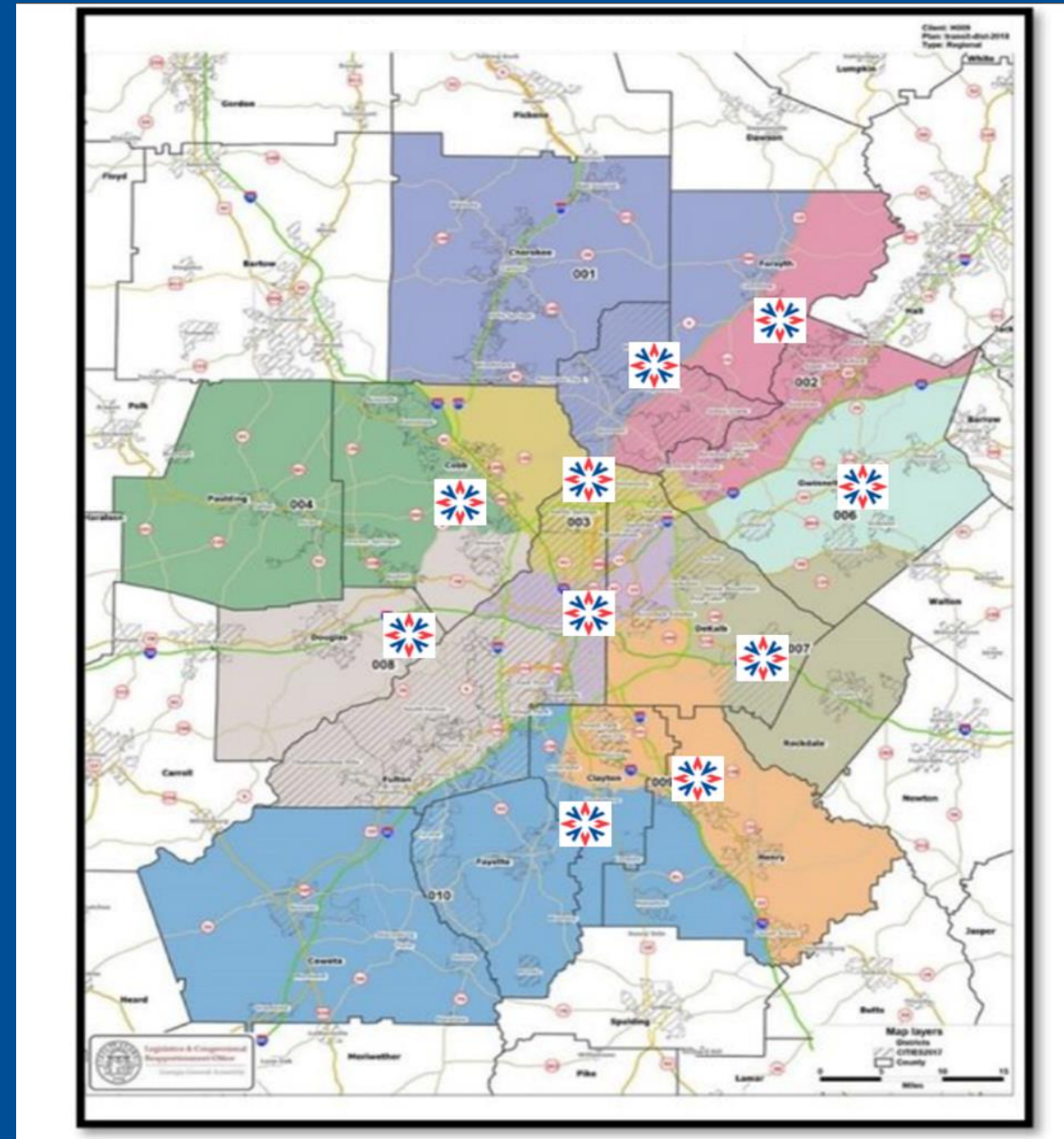
Tuesday, October 29 – District 1, Alpharetta City Hall

Wednesday, October 30 – District 5, Atlanta, ATL Office**

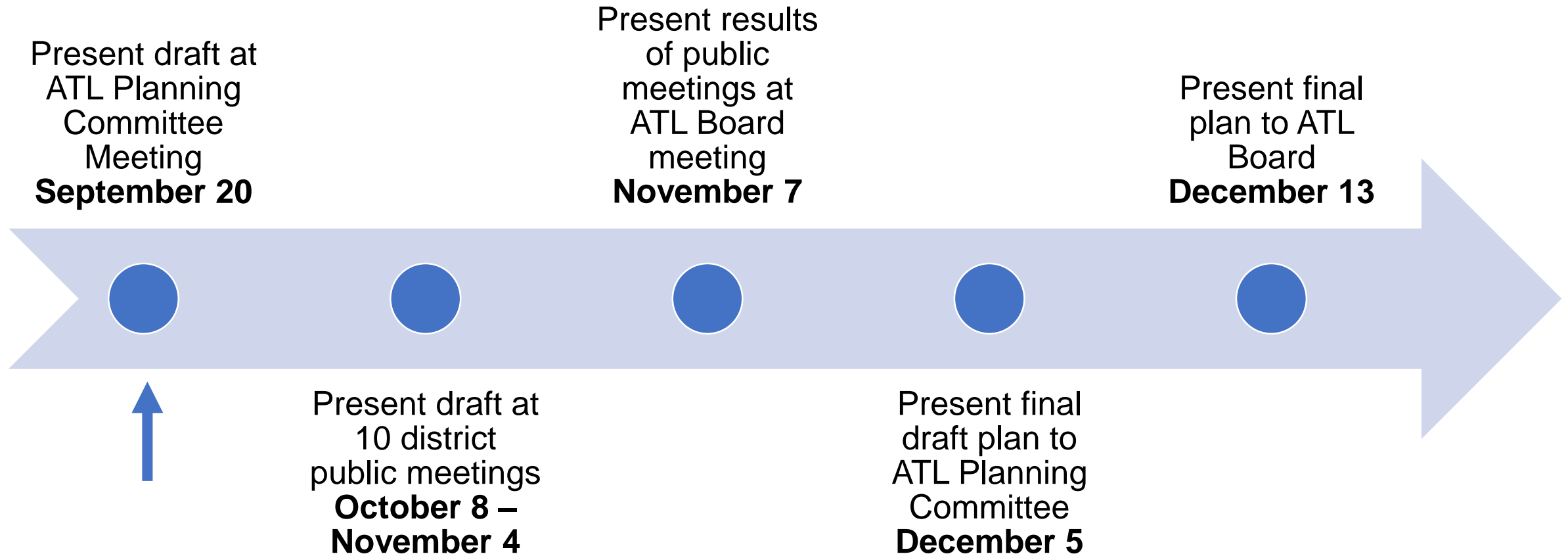
Monday, November 4 – District 2, South Forsyth Co., Sharon Forks Library

* *in conjunction with a meeting of the Gwinnett Transit Review Committee*

** *will also function as federally-required Title VI public hearing*



NEXT STEPS: TIMELINE



Thank You.



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ATL Regional Transit Planning Committee

September 20, 2019