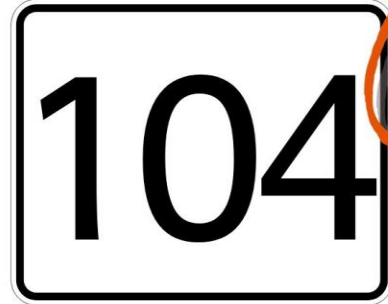


# ROUTE BRIDGEWATER



## Old Colony MPO Meeting Item 8-C Route 104 Corridor Transportation Study Preview

November 19<sup>th</sup>, 2024

Old Colony Metropolitan Planning Organization  
FFY 2025 UPWP Task 3400



OLD COLONY  
PLANNING COUNCIL

# Bridgewater Route 104 Corridor Overview

## ✓ Key places:

- ✓ Route 24 Interchange
- ✓ BR Regional High School
- ✓ Middle School
- ✓ Central Square
- ✓ BSU

## ✓ Jurisdiction:

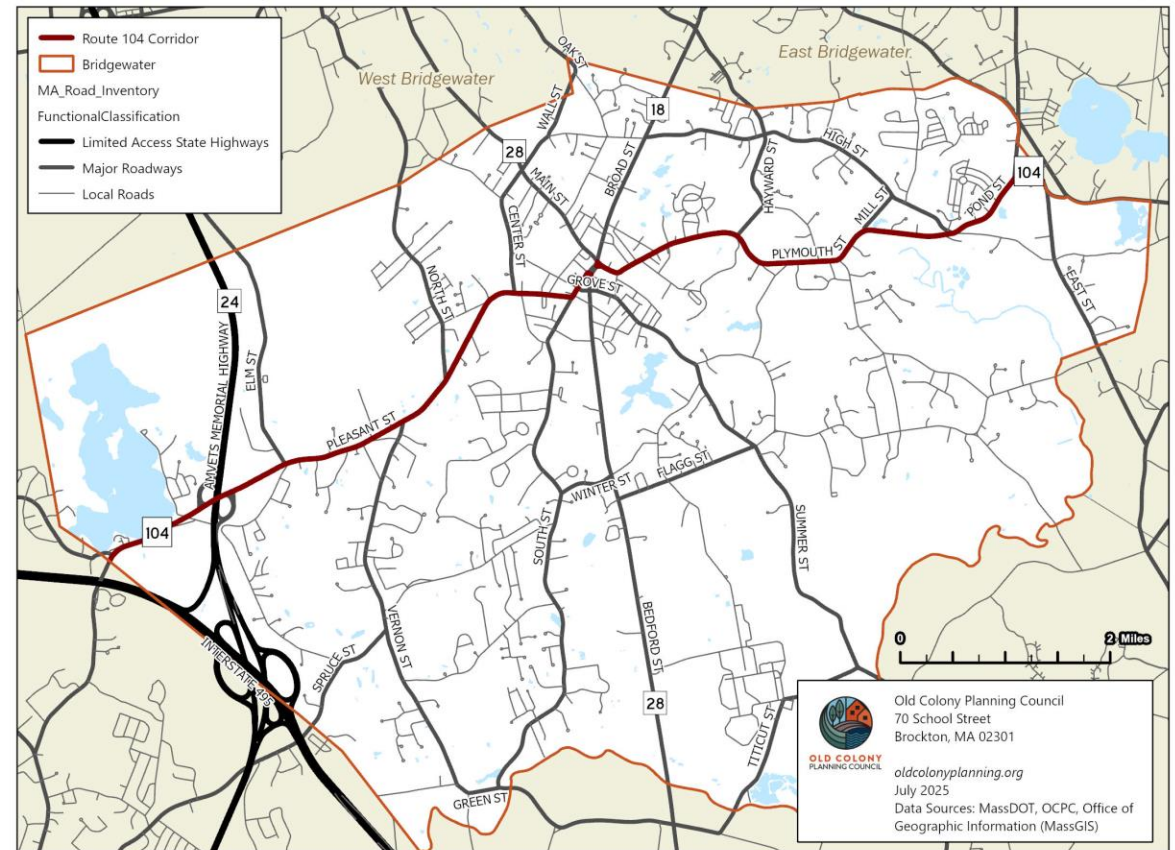
- ✓ Majority under local jurisdiction, exception MassDOT owned over Route 24 overpass

## ✓ Road functional classification:

- ✓ Urban minor arterial

APPROXIMATELY  
**8 MILES**  
in centerline distance

Route 104 Corridor Study Area



# Route 104 Corridor Study Key Steps

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## Documentation of existing conditions

- ATR, TMC, intersection and corridor operation
- Data platforms research and field audits

## Short-term and long-term improvements developments

- Multimodal modeling, simulation
- Evaluation of improvement alternatives

## Prepare conclusions and recommendations

- Community and MassDOT/District 5 coordination
- Current and future programs, and fundings opportunities

## Public and communities outreach

- Survey Monkey
- Meetings (Communities, stakeholders, MassDOT, regional partners and the public)



# Route 104 Corridor Study Products

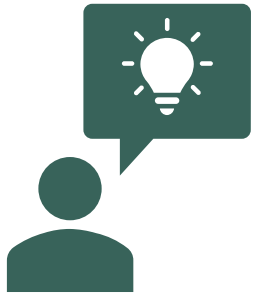
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Data, maps and analysis summary

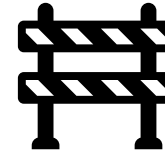


Congestion, safety and traffic flow analysis

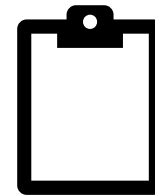


## Recommendations

- Intersection geometric improvements
- Corridor layout
- Bicycling and pedestrian accommodation
- Transit planning
- Access Management
- Speed zone, heavy vehicle exclusion



Implementation plan



General Survey, Public Meetings



# Route 104 Corridor Study Project Development Timeline

Tasks	Steps	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	
Project Initiation	Initial interview with community, MassDOT and regional partners	█	█											
	Develop Scope of Work, plans for the studies	█	█											
	Review previous studies, plans and documents	█	█											
Public and Community Engagement	Formation of OCPC Study Team and Community Work Group	█	█											
	Initial stakeholders interview meeting	█	█											
	General public user preference survey		█	█	█	█	█							
	Community, stakeholders meetings		█	█										
	JTC, or MPO project update meetings	█					█						█	
	Public Meetings								█					
	ATR count, TMC count	█	█											
	Collect and review speed regulation, signal permit and timing plans	█	█	█										
Data Collection	Road inventory studies, on-line and field audit	█	█	█										
	Multi-modal planning data collection	█	█	█										
	Environmental data collection	█	█	█										
	Develop GIS base and operational data maps		█		█	█								
	Capacity analysis (LOS, delay and air quality)			█	█	█	█							
Mapping and Data Analysis	Safety analysis (collision cause and countermeasures)			█	█	█	█							
	Multi-modal planning analysis (bicycling, walking, transit and etc)			█	█	█	█							
	Existing Condition Assessment	Intersection operational evaluation			█	█	█	█						
		Corridor planning and operational evaluation			█	█	█	█						
Transportation safe system analysis				█	█	█	█							
Climate change and environmental review				█	█	█	█							
Future Projection and Assessment	Estimate background traffic growth and conditions				█	█	█	█	█					
	Compile site specific land use and road development plans				█	█	█	█	█					
	Identify future deficiencies				█	█	█	█	█					
Plan Design Alternatives Assessment	Alternatives analysis and comparison				█	█	█	█	█					
	Development recommendations				█	█	█	█	█					
Draft Report	Circulate draft report for review								█	█				
	Solicit comments and suggestions for updating draft report								█	█				
	Provide project development coordination in various funding resources								█	█				
Final Report	Circulate the final report									█	█	█	█	
	Final Document and archive									█	█	█	█	





# QUESTIONS / COMMENTS?

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**OLD COLONY**  
PLANNING COUNCIL

[www.oldcolonyplanning.org](http://www.oldcolonyplanning.org)

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