

# Washtenaw Avenue

## Bus Rapid Transit Study Update



WATS Policy Committee



# Why Bus Rapid Transit on Washtenaw?

- 5,000+ rides daily

- Studies to date:

-  **TheRide** • 2012 Let's Roll

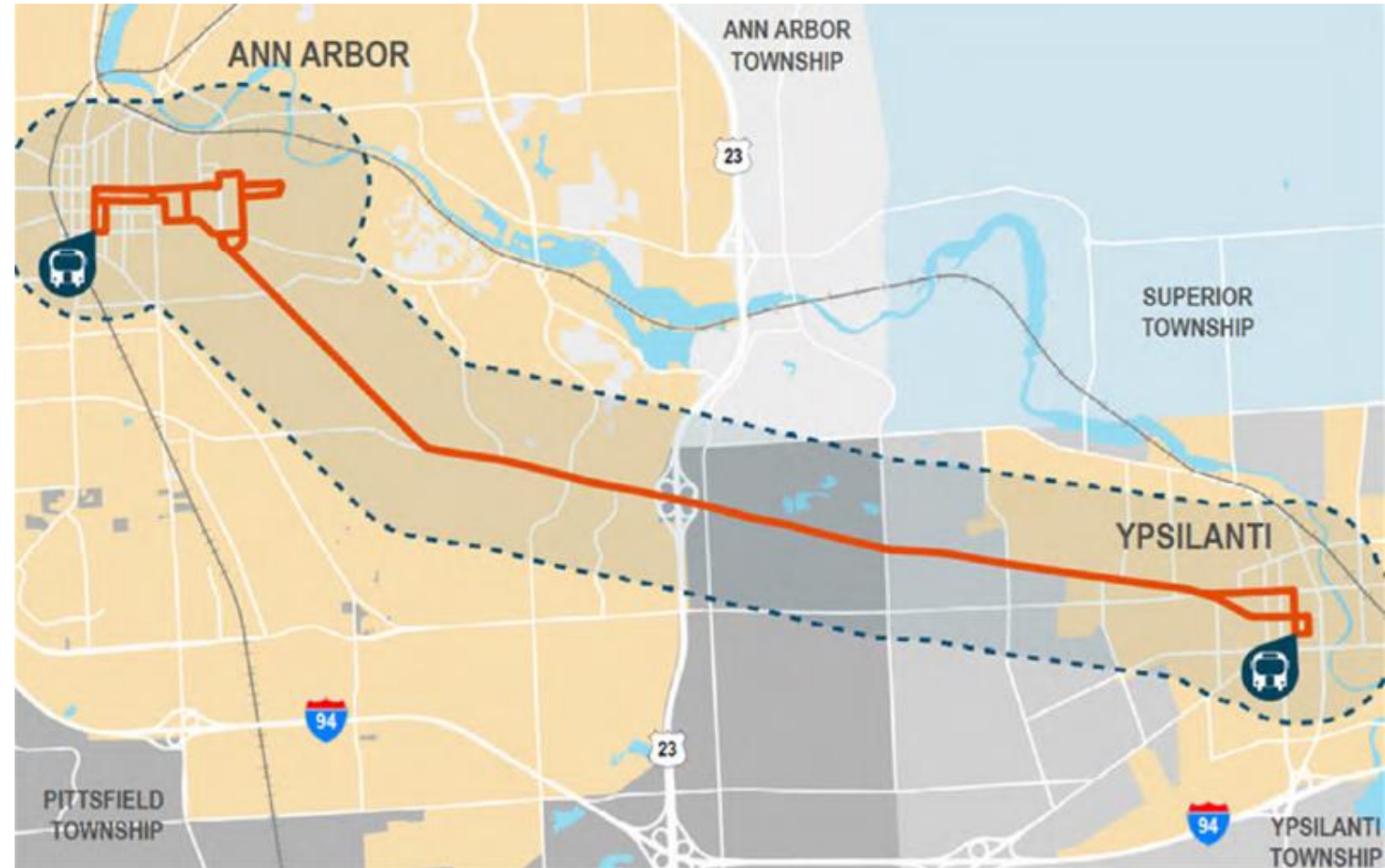


- 2014 Reimagine Washtenaw

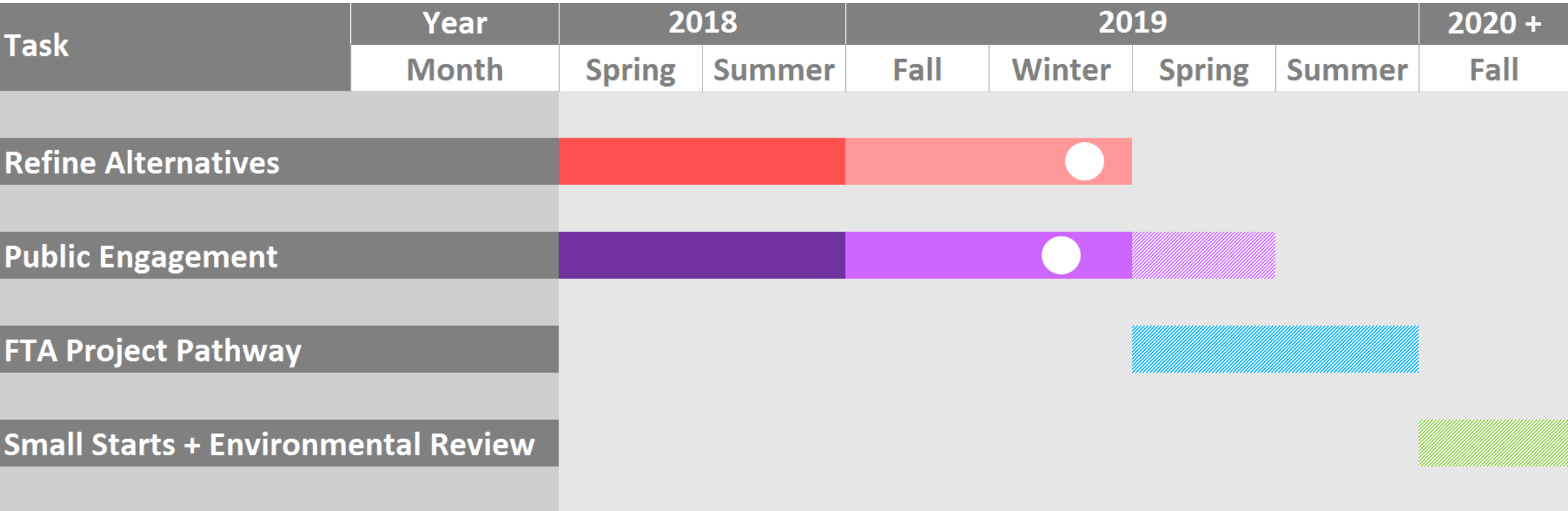
- 2016 RTA Michigan Corridor



- 2018 Washtenaw BRT Update



# Project Progress



# About the Right of Way

		Bus Rapid Transit		
		Do Nothing	BRT Lite	Full BRT
Cost	Financial	\$0 M	\$30 M	\$80+ M
	Political	Low	Medium	High
Benefit	Travel Time	0 min	-11 mins	-19 mins

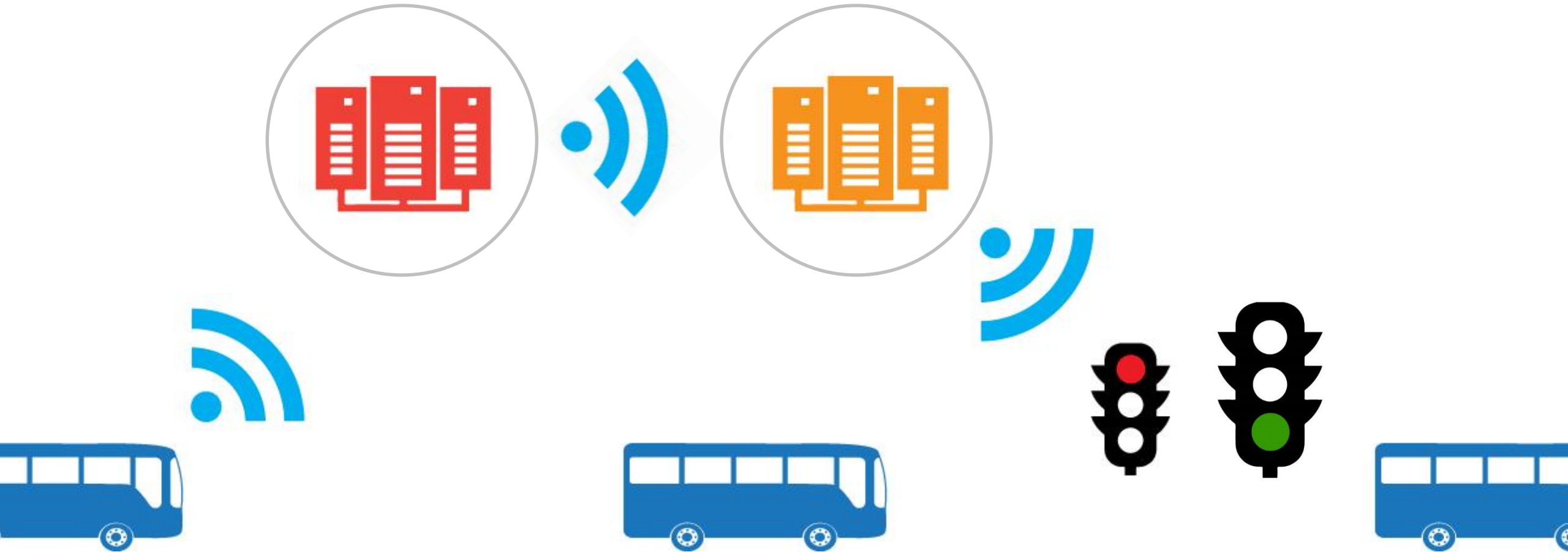


# Key Elements

Transit Signal Priority -- Queue Jump Lanes -- Limited Stops -- Super Stop Stations

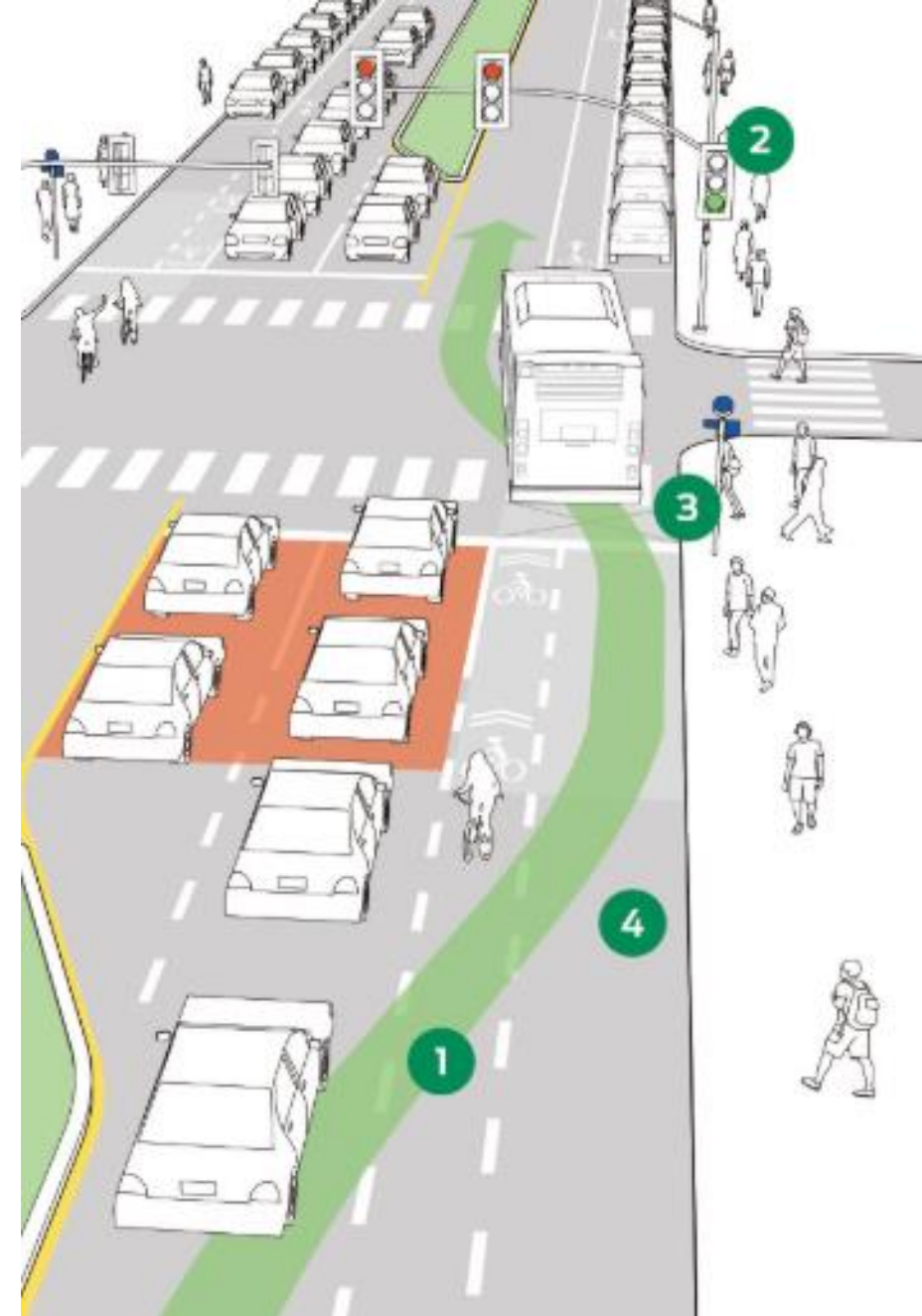


# Transit Signal Priority





# Queue Jump Lanes



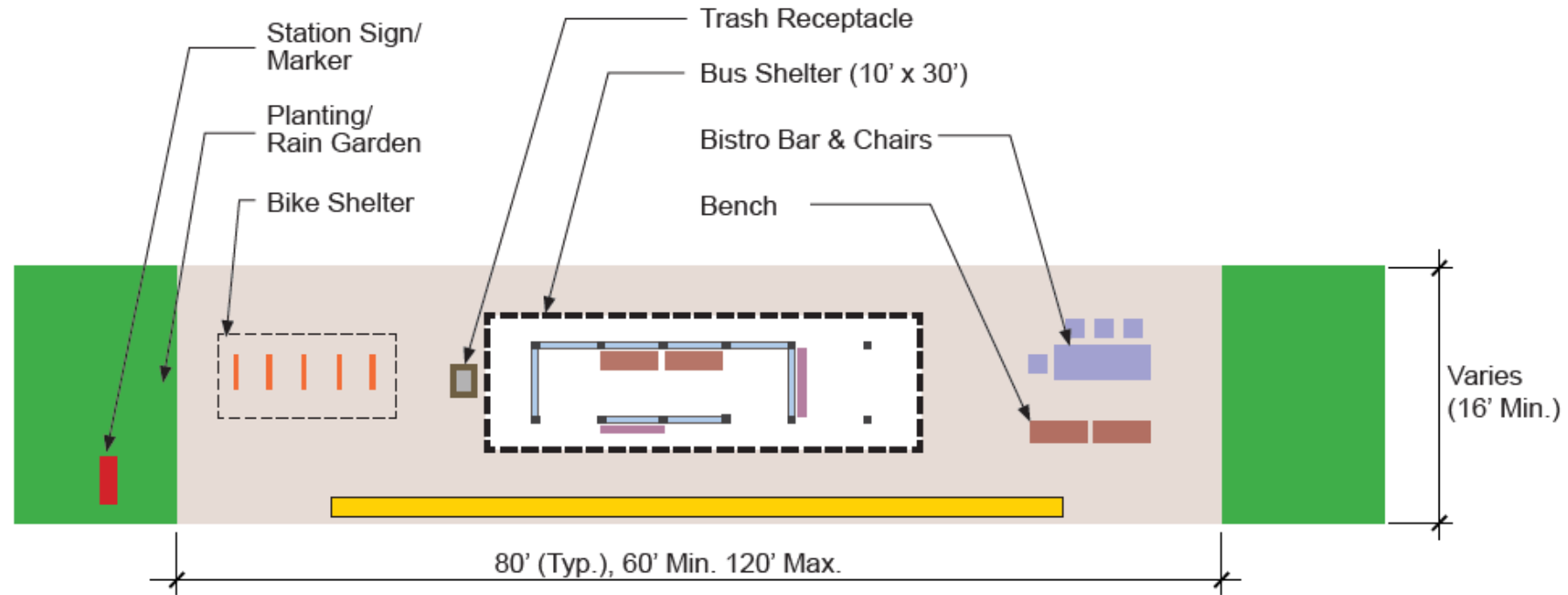
# Limited Stops

- Evaluation Criteria:
  - Population
  - Equity
  - Employment
  - Ridership
  - Connectivity
  - Development





# Super Stop Stations



Typical Super Stop Station Layout



# Cost Estimates

## Capital

## Operating

Service	Total O&M Cost [FY18\$]
Existing Route 4	\$4,543,000
<i>Proposed BRT</i>	<i>\$3,417,000</i>
<i>Proposed Local</i>	<i>\$2,029,000</i>
<b>Total Proposed</b>	<b>\$5,446,000</b>
<b>Difference from Existing</b>	<b>\$903,000</b>

Project Element	Range of Costs (2018\$)	
	Basic BRT investment	Including "added value" elements
Roadway	\$3,700,000	\$4,800,000
Stations	\$4,800,000	\$9,200,000
Maintenance Facility Upgrades	\$3,900,000	\$4,700,000
Systems	\$1,300,000	\$5,400,000
Vehicles	\$7,600,000	\$11,300,000
Professional Services	\$5,000,000	\$8,900,000
Unallocated Contingency	\$2,600,000	\$4,300,000
	<b>\$28,900,000</b>	<b>\$48,600,000</b>
<b>New Maintenance Facility</b> <i>(may be advanced as a separate project by AAATA)</i>	\$30,300,000	\$30,300,000
	<b>\$59,100,000</b>	<b>\$78,900,000</b>

# What's Next

- Civic Engagement
  - Revise design & operations plan
  - Prepare for upcoming steps
  - Incorporate responses
- FTA Small Starts Process
  - Review Entry
  - Class of Action Update
  - Environmental Scoping





Thank you

Your Questions  
and Feedback?

