














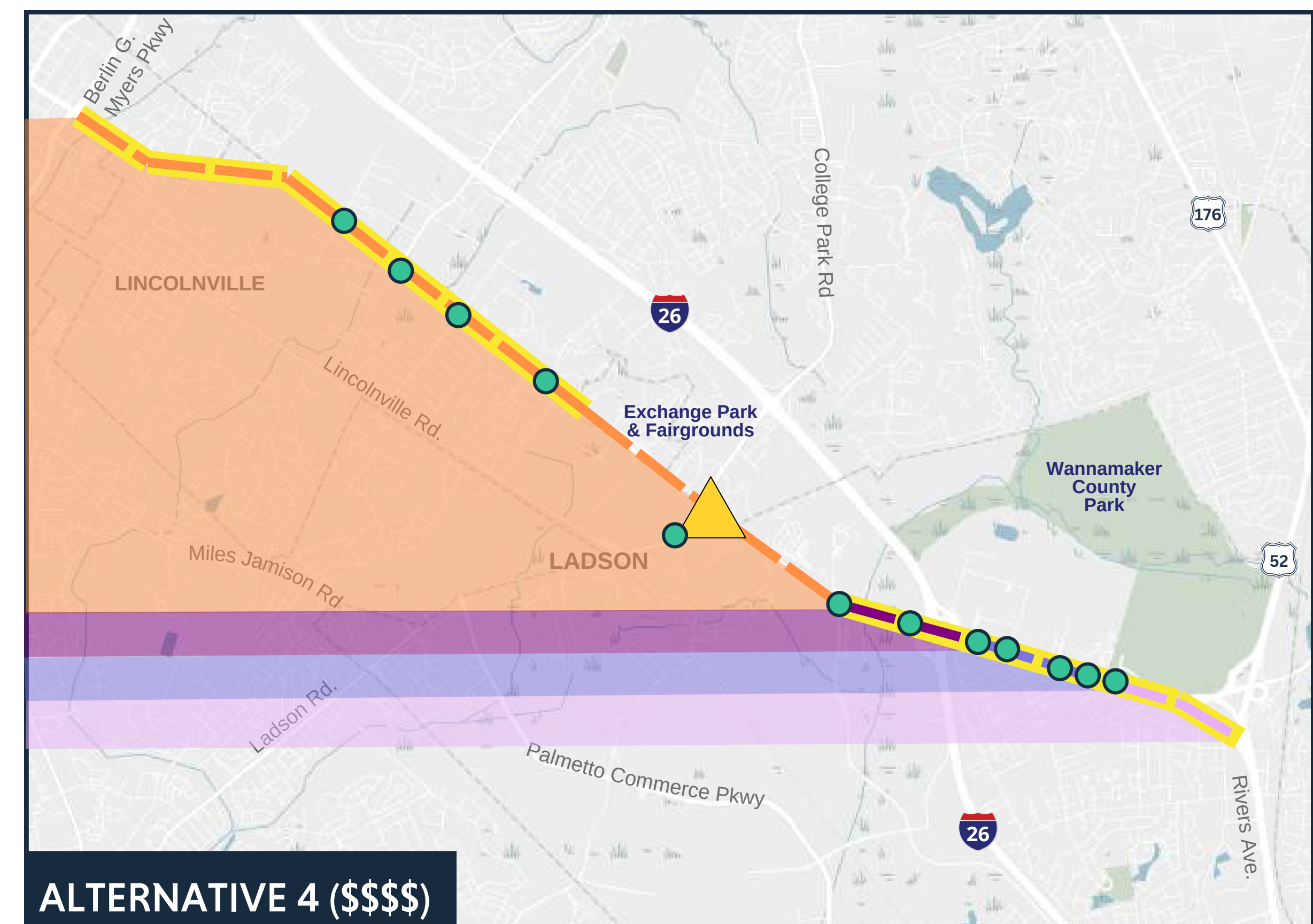
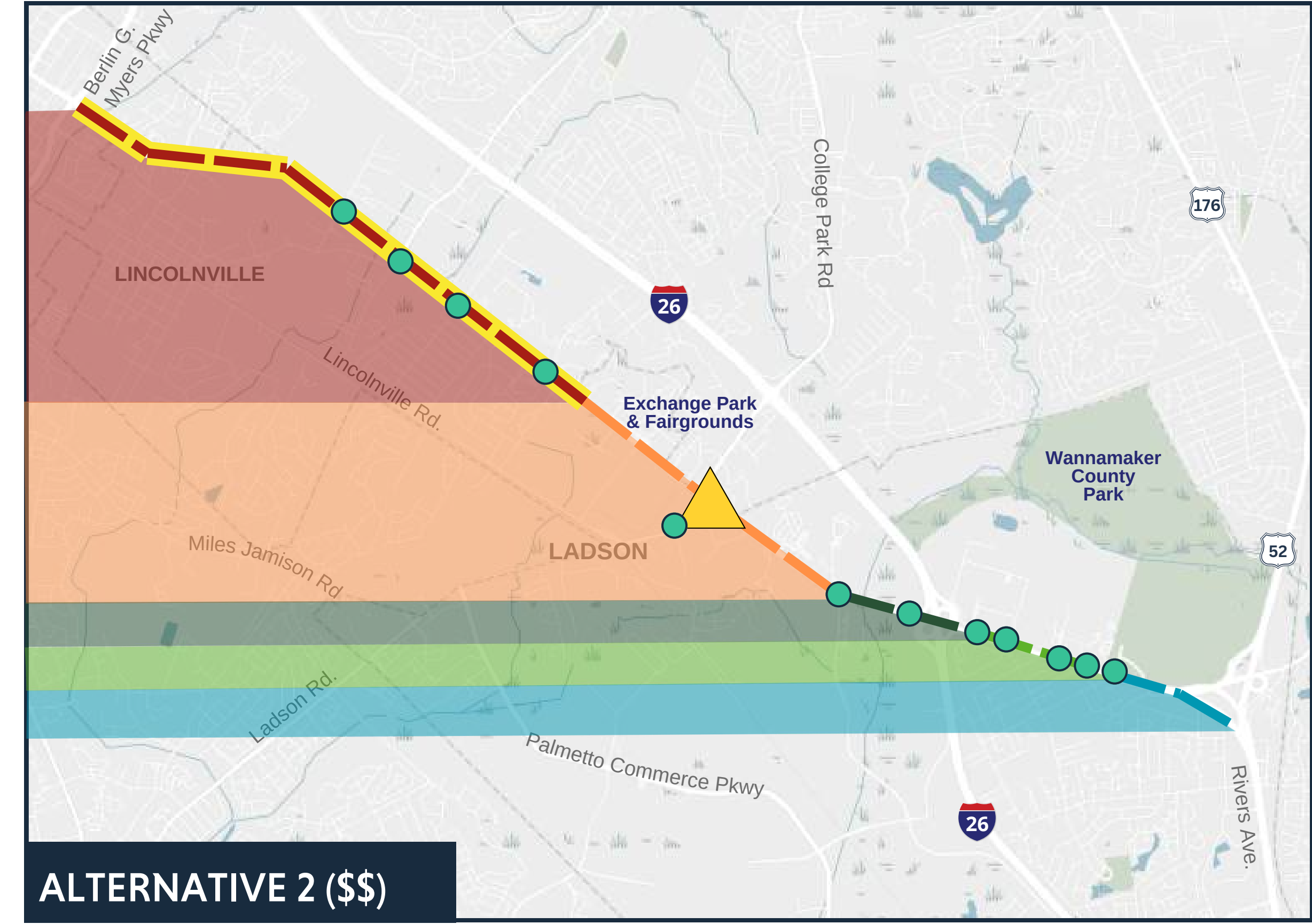
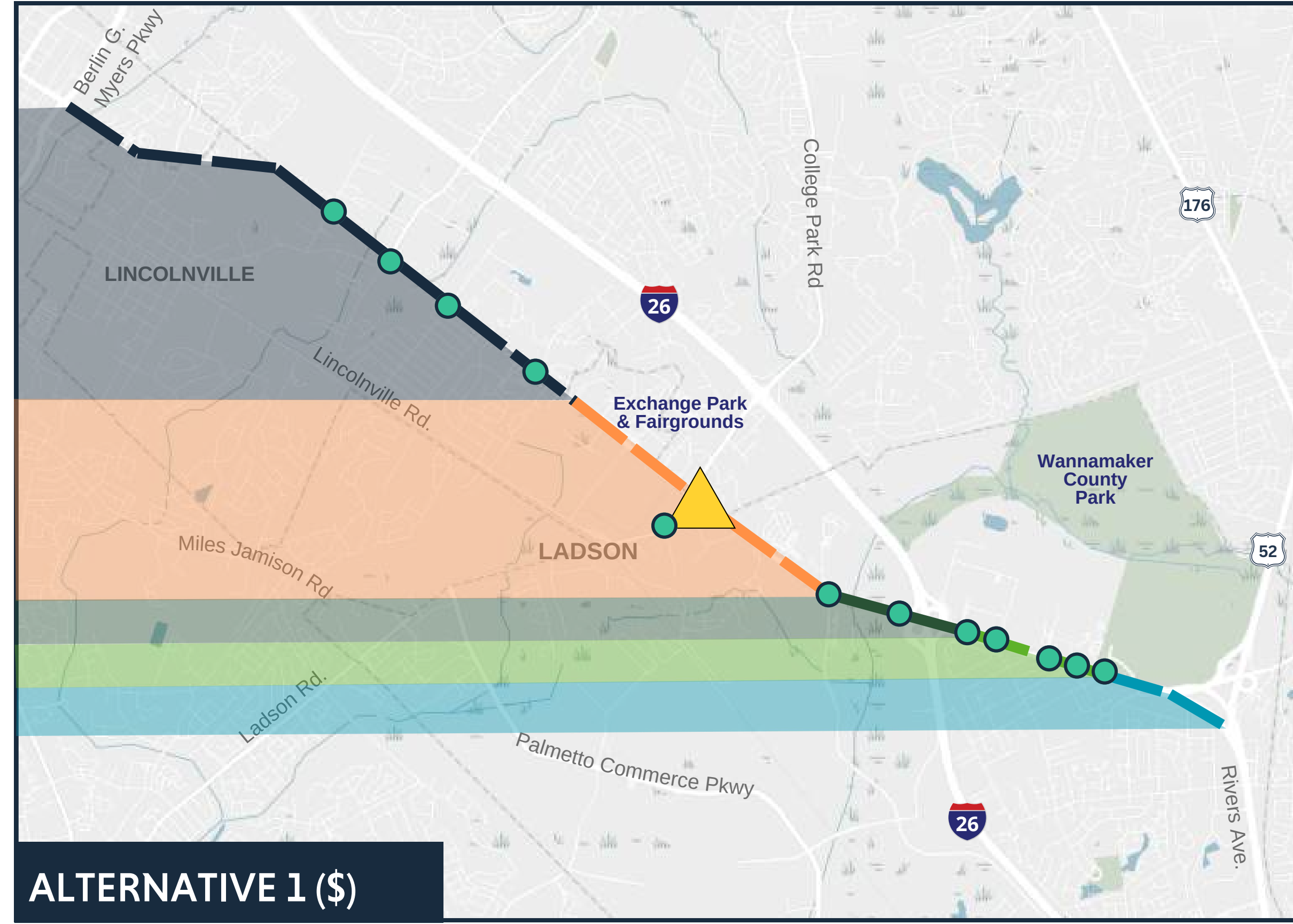


# Corridor Improvements

# ALTERNATIVES 1-4

### LEGEND

-  Intersection Improvement
-  College Park/Ladson Road Intersection
-  Existing Roadway Typical Sections
-  Proposed Roadway Typical Sections
-  1 Travel Lane in Each Direction
-  1 Travel Lanes in Each Direction w/ TWLT
-  2 Travel Lanes in Each Direction w/ TWLT
-  LCRT Bi-directional Reversible Lane
-  LCRT Center-Running BRT
-  LCRT Side-Running BRT
-  LCRT Bi-directional Reversible Lane w/ 3 Travel Lanes Each Direction
-  LCRT Center-Running BRT w/ 3 Travel Lanes Each Direction
-  LCRT Side-Running BRT w/ 3 Travel Lanes Each Direction





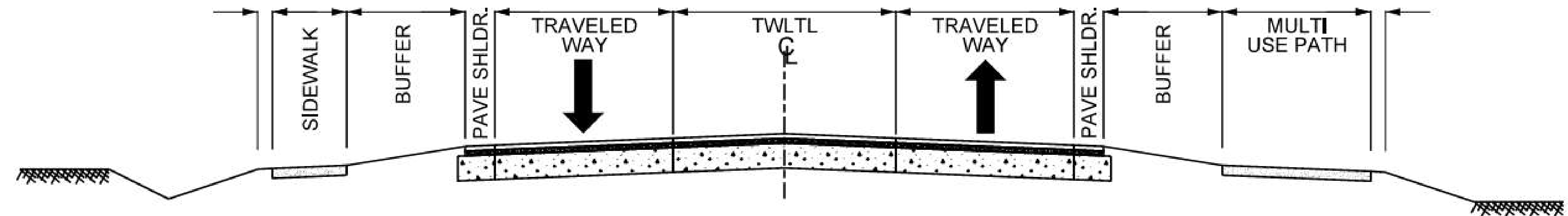
# Corridor Improvements

# TYPICAL SECTION

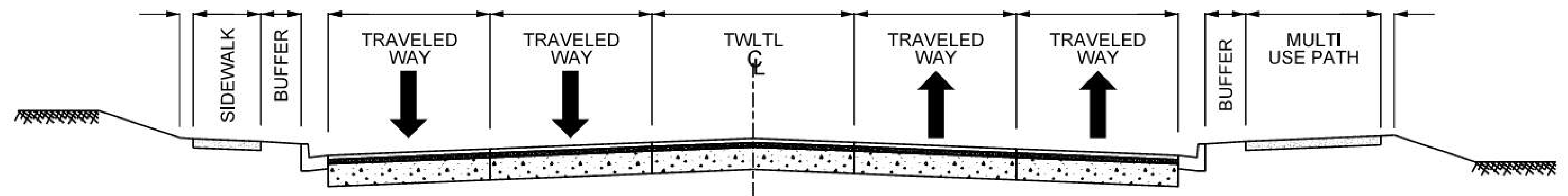
Over the course of five years, a total of 171 rear-end crashes took place within the existing two-lane section of Highway 78. These rear-end collisions accounted for 53.4% of all crashes occurring in that same section.

The proposed addition of a two-way center turn lane (TWLT) will effectively eliminate vehicles waiting to make left turns from the travel lanes. By removing left-turning vehicles from these lanes, the number of stopped vehicles waiting to turn is reduced, ultimately enhancing safety, and minimizing the likelihood of rear-end crashes.

## 1 Travel Lane in Each Direction w/ TWLT



## 2 Travel Lanes in Each Direction w/ TWLT





# Corridor Improvements

# ALTERNATIVE 1

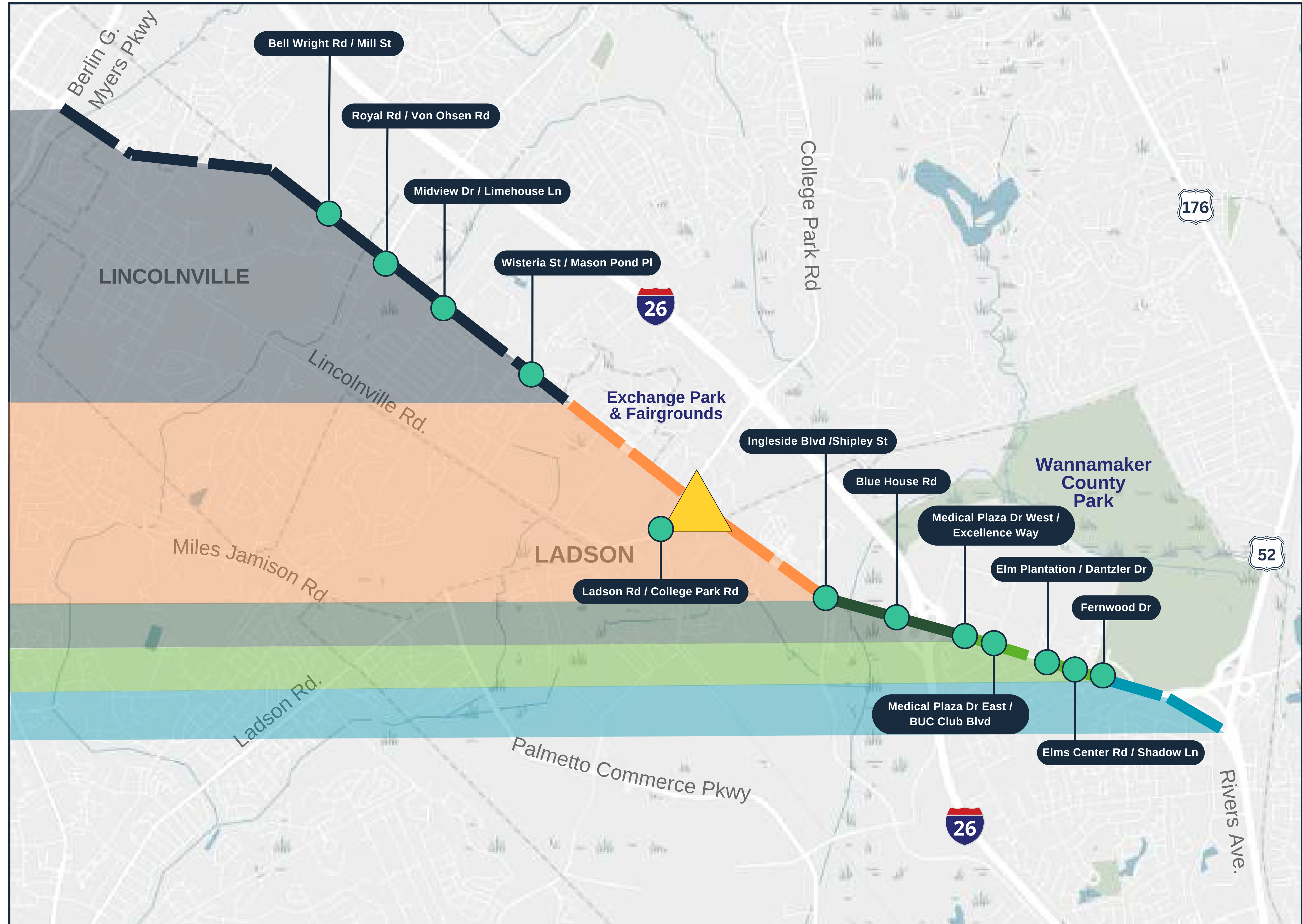
### PROPOSED IMPROVEMENTS (\$)

- Intersection Improvements
- 10' Multi-Use Path and 5' Sidewalk throughout Corridor

### LEGEND

- Intersection Improvement
- College Park/Ladson Road Intersection
- Existing Roadway Typical Sections

	1 Travel Lane in Each Direction
	2 Travel Lanes in Each Direction w/ TWLT
	LCRT Bi-directional Reversible Lane
	LCRT Center-Running BRT
	LCRT Side-Running BRT





# Corridor Improvements

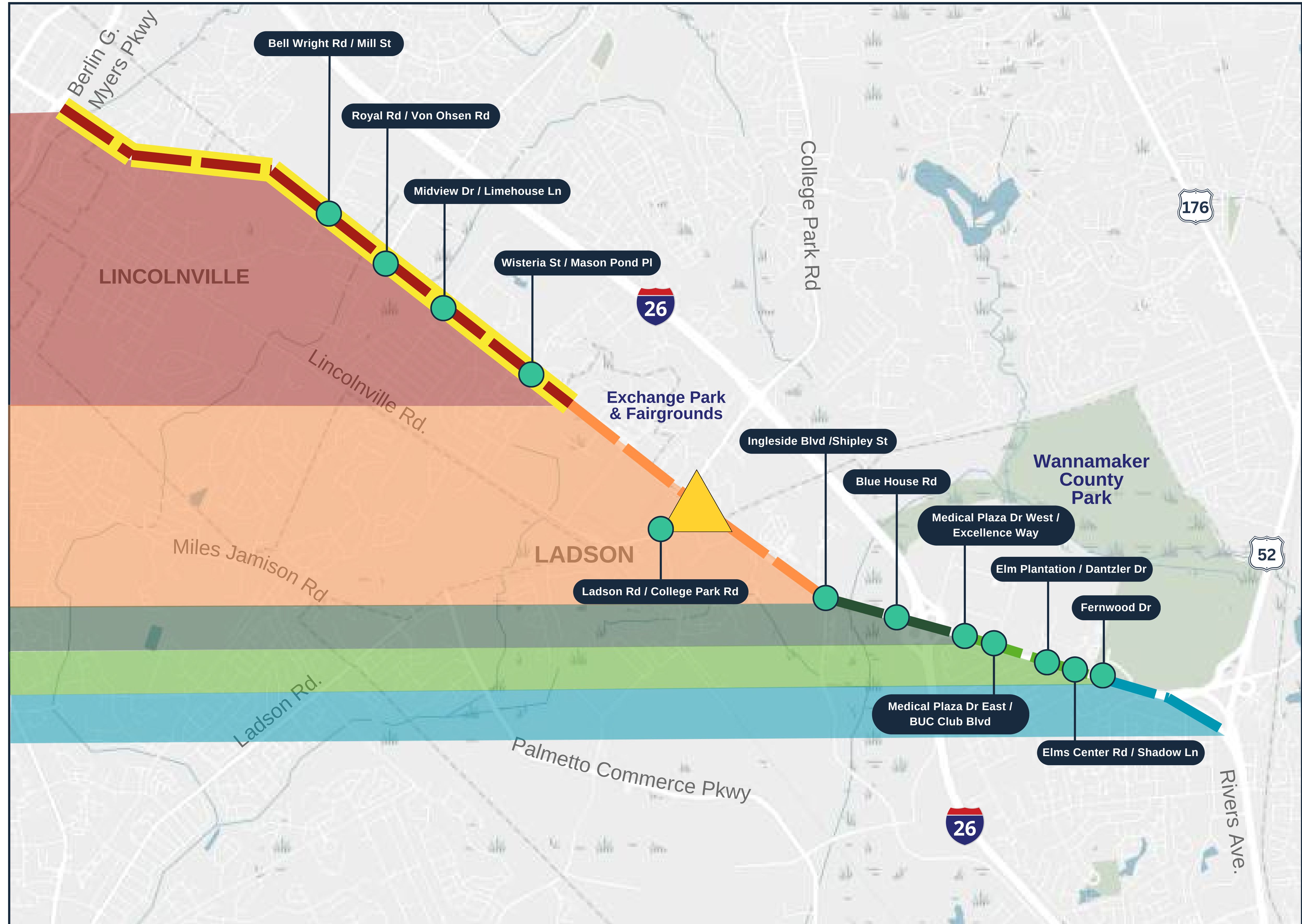
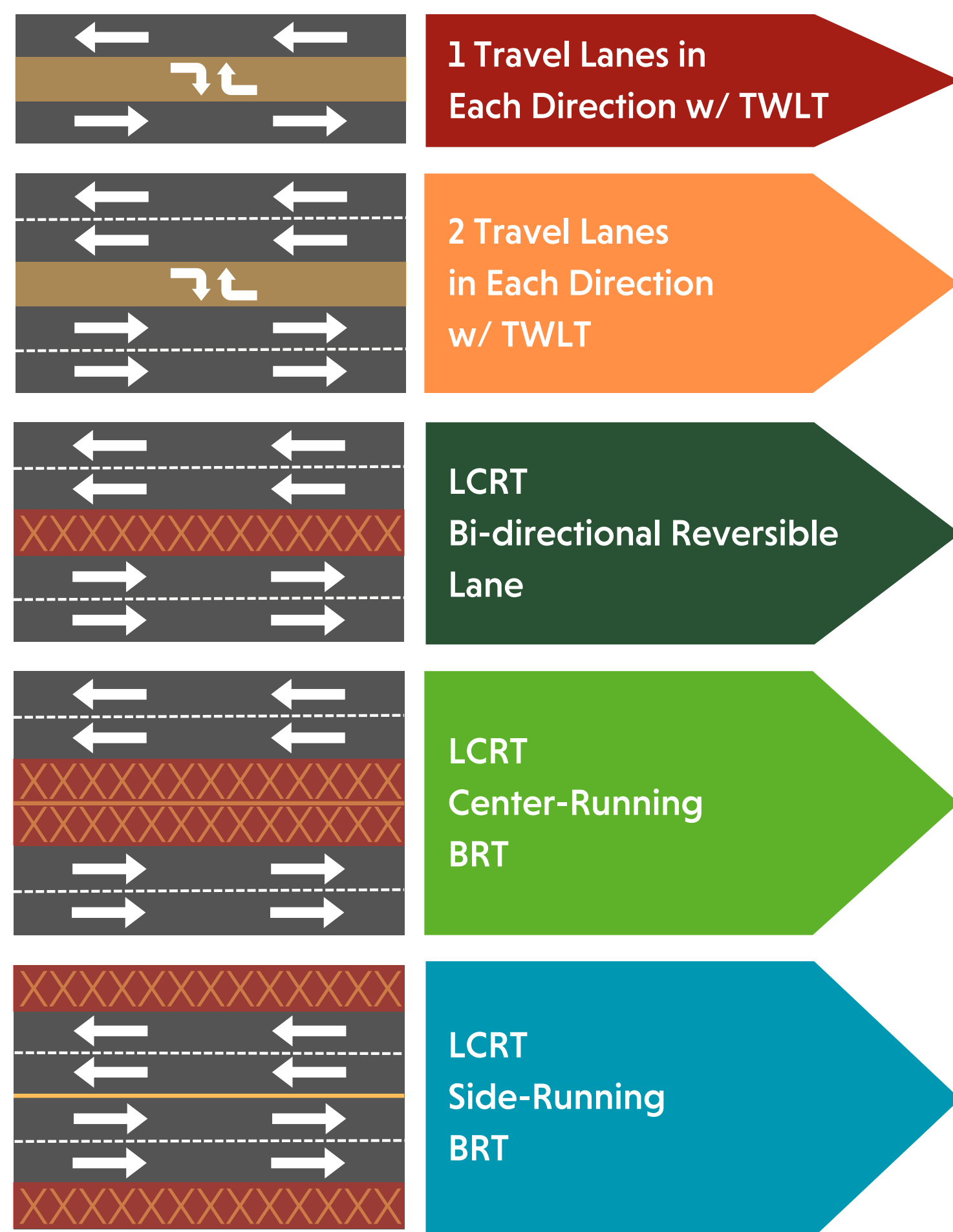
# ALTERNATIVE 2

## PROPOSED IMPROVEMENTS (\$\$)

- Intersection Improvements (same as Alt 1)
- 3 Lane Widening from Berlin G Myers to Fairground
- 10' Multi-Use Path and 5' Sidewalk throughout Corridor

## LEGEND

- Intersection Improvement
- College Park/Ladson Road Intersection
- Existing Roadway Typical Sections
- Proposed Roadway Typical Sections





# Corridor Improvements

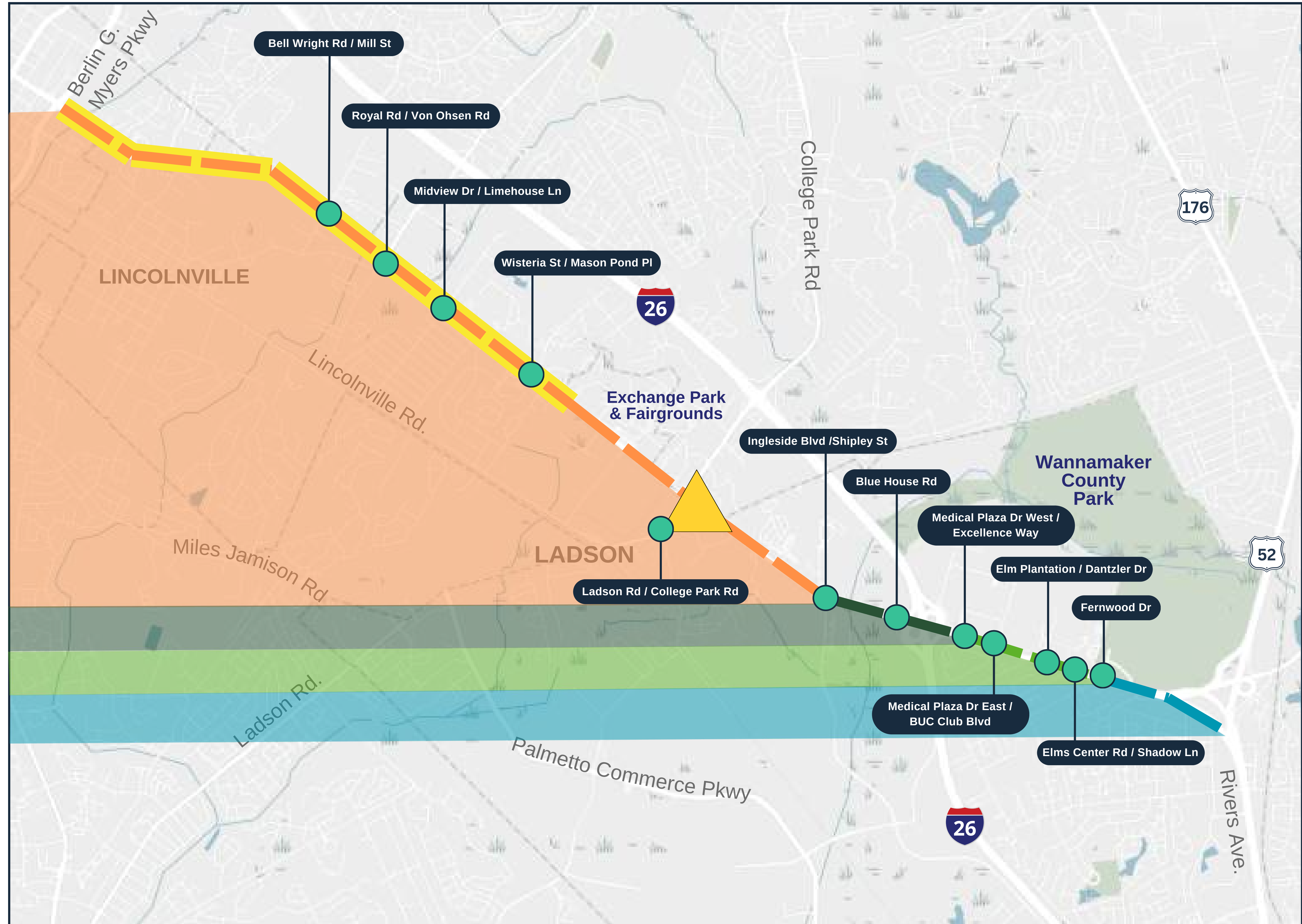
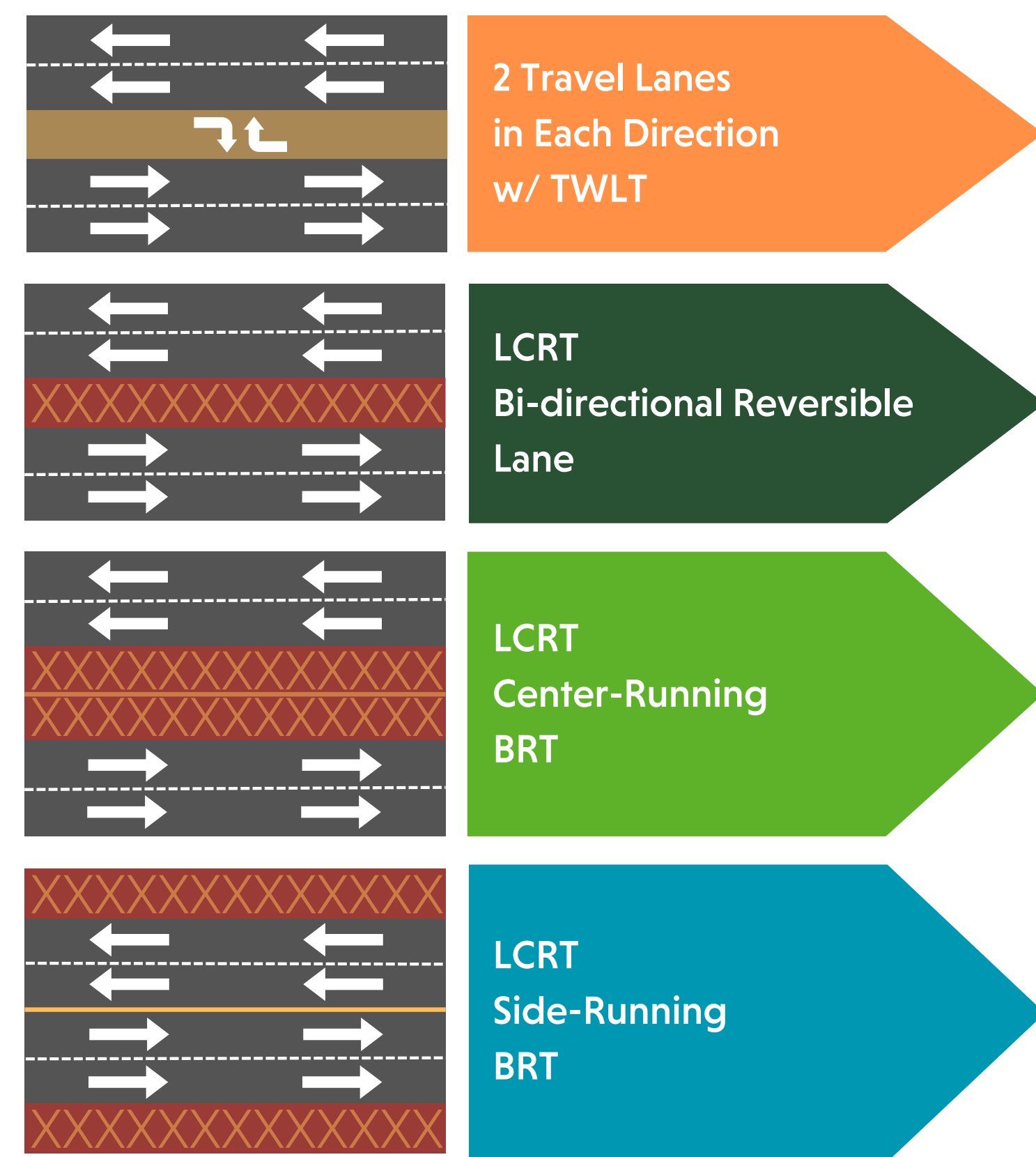
# ALTERNATIVE 3

### PROPOSED IMPROVEMENTS (\$\$\$)

- Intersection Improvements
- 5 Lane Widening from Berlin G Myers to Fairground
- 10' Multi-Use Path and 5' Sidewalk throughout Corridor

### LEGEND

- Intersection Improvement
- College Park/Ladson Road Intersection
- Existing Roadway Typical Sections
- Proposed Roadway Typical Sections





# Corridor Improvements

# ALTERNATIVE 4

### PROPOSED IMPROVEMENTS (\$\$\$\$)

- Intersection Improvements
- 5 Lane Widening from Berlin G Myers to Fairground
- 6 Lane Widening from I-26 to Rivers Ave
- 10' Multi-Use Path and 5' Sidewalk throughout Corridor

### LEGEND

- Intersection Improvement
- College Park/Ladson Road Intersection
- Existing Roadway Typical Sections
- Proposed Roadway Typical Sections

