# OMNIRIDE EASTERN SERVICE RESTRUCTURE

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TRANSIT OPERATIONS PLANNER II

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# PROPOSED THREE PHASED APPROACH

**Spring/Summer 2023**

Introduce Microtransit within the Towns of Dumfries and Quantico

**February 2024**

Local Eastern Restructure with introduction of Paratransit

**October 2024**

Transfer Hub moves to Stonebridge Garage

# RESTRUCTURE GOALS

MAINTAIN CURRENT SERVICE AREA

SHORTER ROUTES WITH MORE RELIABLE SERVICE

CONVERSION TO LOCAL FIXED ROUTES

INTRODUCE PARATRANSIT SERVICE

INTRODUCE MICROTRANSIT SERVICE

# MAINTAIN CURRENT SERVICE AREA

OmniRide has designed routes to better serve our current eastern local service area

OmniRide Transit Center will remain main transfer hub until completion of Stonebridge Garage

Proposed New Service Area!

- Route 234 from Route 1 to Lake Montclair Center
- Fettler Park Dr / Old Stage Rd

# ADDITIONAL RESTRUCTURE CHANGES

## New numbering scheme for routes

- All local bus routes receive route numbers
- Metro Express and Express Routes also converted to route numbers

## New bus stop signs

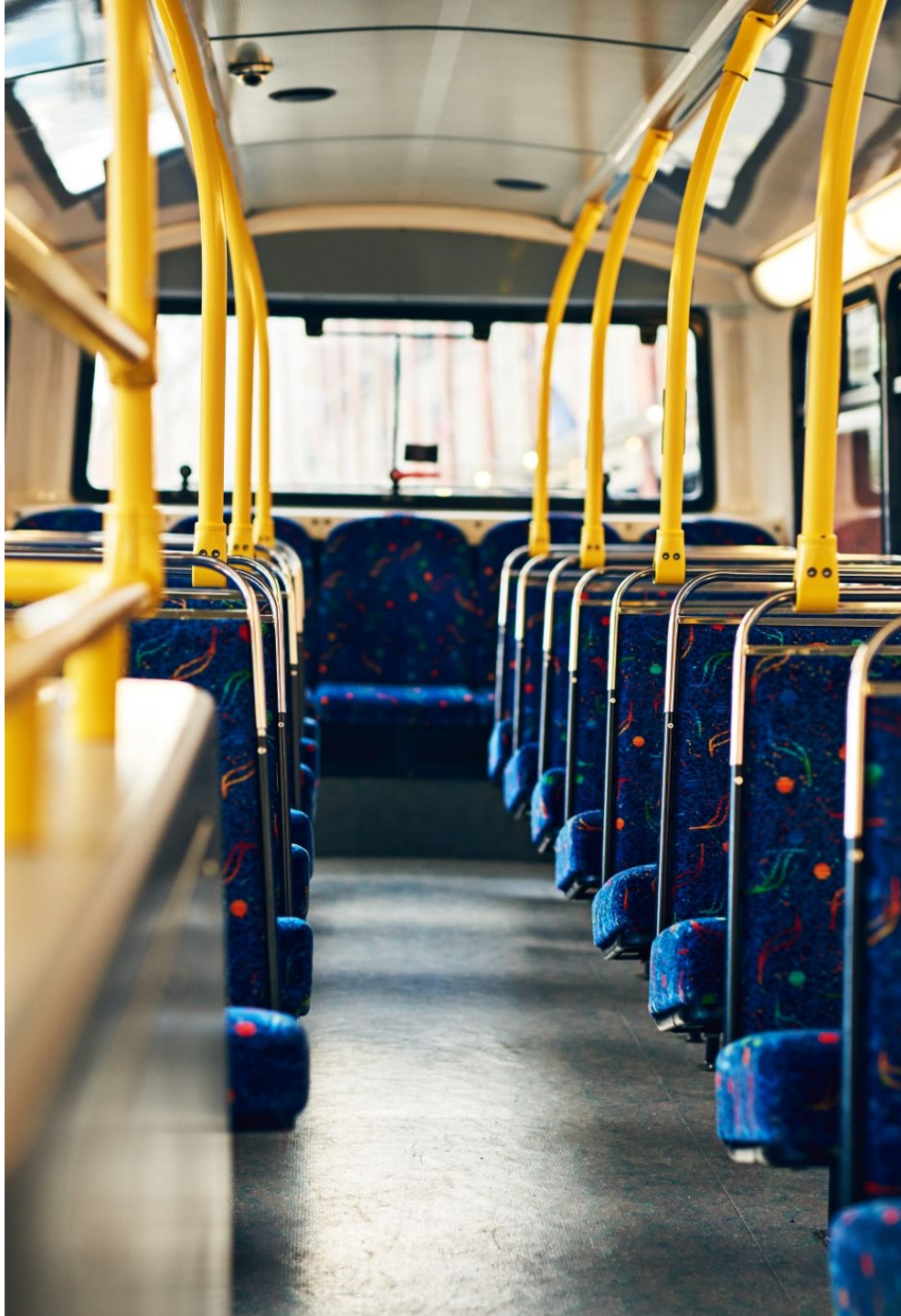
- Eastern bus stop signs will be updated to match our current bus stop design in the western service area
- Lollypop sign with bus stop ID number
- Flag signs with Route information

# SHORTER ROUTES

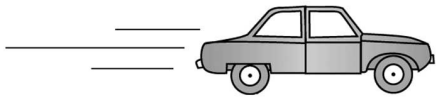
- Eastern Local Routes will be shortened with timed transfer points
- More reliable and consistent service with less resources
- Easier to maintain on-time-performance

# NO MORE DEVIATIONS

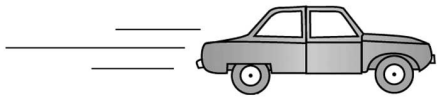
- OmniRide currently provides a FLEX service on eastern local routes
- Current OmniRide local schedules are timed to allow for FLEX trips
  - If deviations are not booked to a schedule, buses will sit and wait at timepoints along the route
- Fixed routes schedules are timed without excess time between timepoints



# DEVIATED VS. FIXED ROUTING



Car takes 20 minutes to travel path



Fixed Route Bus takes 40 minutes to travel path

BUS STOP — BUS STOP — BUS STOP — BUS STOP — BUS STOP

Bus with Deviation takes 60 minutes to travel path

BUS STOP

7 Minutes to travel off Route

6 minutes to load passenger

BUS STOP — BUS STOP — BUS STOP — BUS STOP

7 Minutes to travel back to route

OMNIRIDE ACCESS

# OMNIRIDE ACCESS PARATRANSIT SERVICE

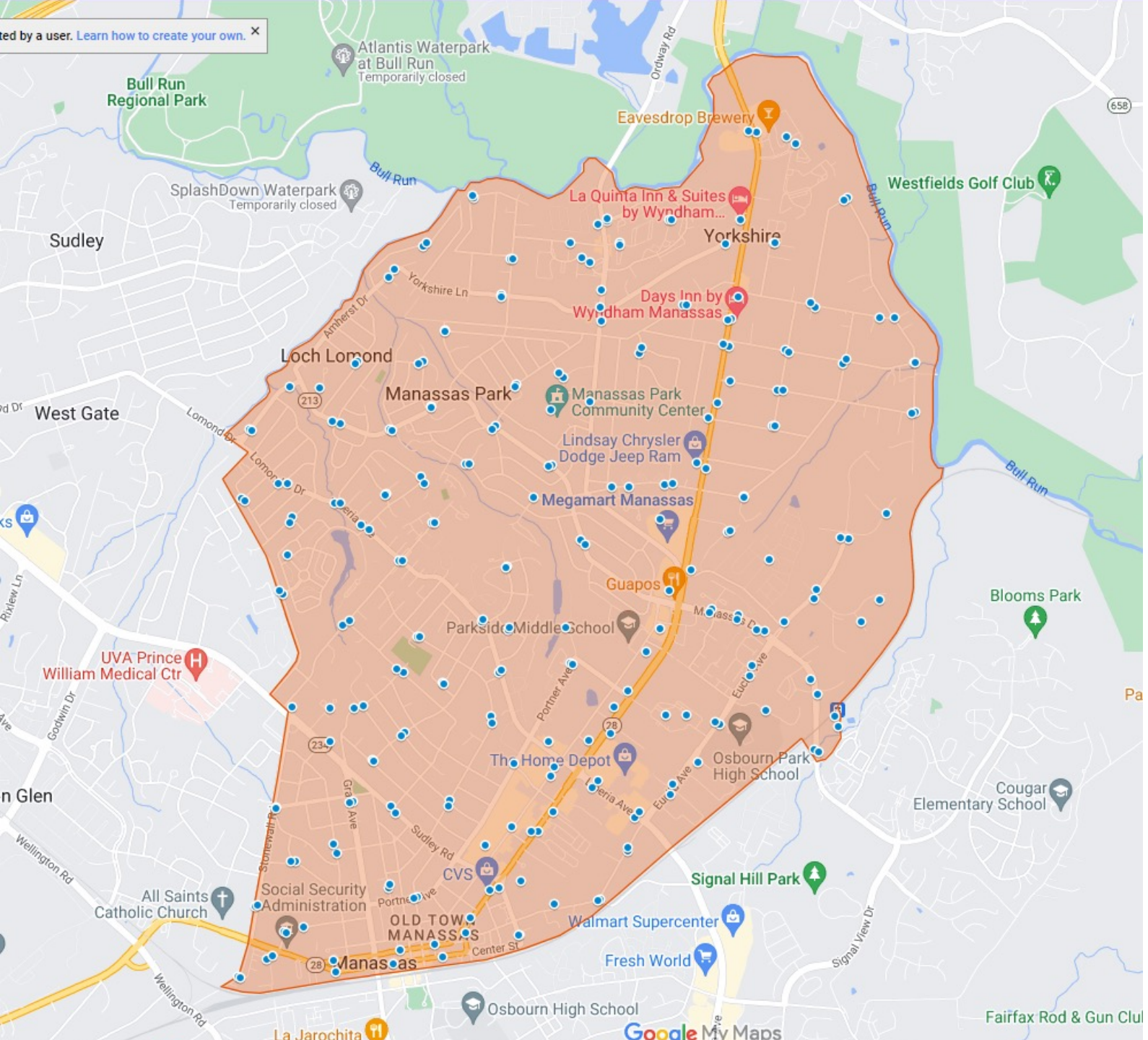
- Paratransit provides transportation for people with disabilities, who are unable to use the regular fixed route transit
- Must be available in the same service areas and during the same hours of operation as the rest of the transit system.
- Paratransit must be provided as long as the trip starts and ends within ¾ mile of a local fixed bus route.
- Door-to-Door service

# OMNIRIDE CONNECT MICROTRANSIT SERVICE

- On-demand rideshare service, offering trips within a defined service area
- Serves passengers using dynamically generated routes in response to individual or aggregate consumer demand
- Uses smaller vehicles and capitalizes on widespread mobile GPS
- Passengers are expected to make their way to and from common pick-up or drop-off points
- Corner-to-Corner service using virtual bus stops

# CORNER-TO-CORNER SERVICE

- Transportation service that directs passengers to a nearby pickup point and drops them off at a point close to their destination.
- Vehicles are routed using a proprietary algorithm that determines the most efficient path to the requested pickup and drop off locations, with the ability to optimize for multiple parameters (eg. Traffic, new passengers, construction).




# MANASSAS PARK MICROTRANSIT ZONE

- This map depicts all approved microtransit stops within the polygon
- All stops are within ¼ mile walking distance from each other

# MICROTRANSIT TIMELINE

- Order 2 new vans in January
- Hold Public Hearings in February
  - Comment on Microtransit Zone
- March 2023 – PRTC Board approves service
- April 2023 – May 2023 implement service

# EASTERN LOCAL ROUTE RESTRUCTURE TIMELINE

## May 2023

Public Hearings

- Comment on New Routings
- Comment on New Transfer Points
- Comment on New Bus Stops

## June 2023

Adjustments to Plans based on Public Comments

## July 2023

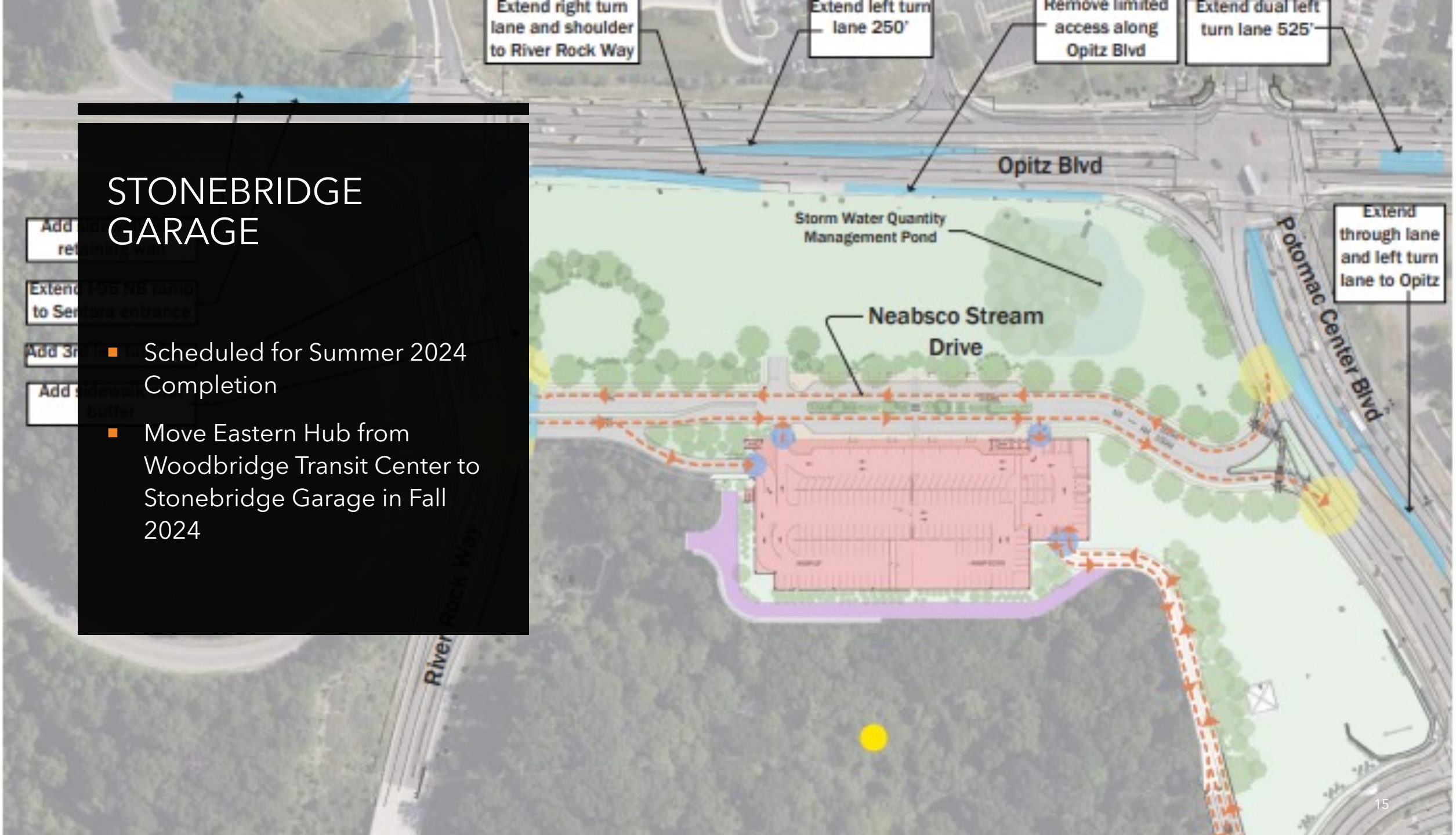
PRTC Board of Commissions approve Eastern Local Route Restructure

## Feb. 2024

Implementation of Eastern Local Route Restructure with complementary paratransit

# STONEBRIDGE GARAGE

- Scheduled for Summer 2024 Completion
- Move Eastern Hub from Woodbridge Transit Center to Stonebridge Garage in Fall 2024



# THANK YOU