Island Wide Traffic and Paved Area Design
Overall Project Limit of Work

Limit of Work for this project begins at the entrances of the South Point Park travelling North towards the Octagon Building.
Project Schedule

- RFP for Design released: Summer 2021
- Design consultant selection: Fall 2021
- Construction Bid Documents/ Construction RFP: Early Spring 2022
Current Maintenance Work

- RIOC Maintenance department has an active Maintenance plan to address potholes and paver repairs.
- Comprehensive Capital plan is required to address the island issues holistically.

Current and Planned maintenance work scheduled before Spring 2022 will continue.
Planned Maintenance Work

Coler Hospital Turnabout

East Loop Road

Main Street by Public School

West Loop Road
Comprehensive Capital Project Objectives

- Study and then create phased construction documents for pedestrian and automotive traffic patterns, congestion, parking, ADA accessibility, paved walking surfaces, roadways and related effects for Roosevelt Island.
- Study phase to include topographical studies, geotechnical studies, coordination with other agencies such as DOT, DEP, ConEd etc.
- Provide construction bid documents that address challenges associated with biking, striping, trip and fall hazards, parking, RIOC Red Bus Service, ADA accessibility and wayfinding throughout the island roadways.
Traffic Study

- The addition of new residential buildings, increasing truck deliveries of online shopping and groceries, double parking issues on the main street, growing biking activities on the island and continued construction improvements impose a challenge to the island with one arterial street.
- A more current traffic data will aid RIOC’s vision for a safer traffic environment, better parking infrastructure and fewer illegal parking issues, a more populated Main Street and North end of the Island.
Past traffic studies

- Following prior traffic studies were conducted on the island:

- The following actionable items from the above studies have been addressed:
  - 1. Implemented Red Bus tracker
  - 2. Provided better ADA access to Subway (being addressed by MTA)
  - 3. Provided Bike Lane along East promenade (Current Capital Project in design)

Based on age of existing reports, we noted that existing studies are not enough for current and future island transportation development.
Existing Condition- South to Main Street
Existing Condition- South to Main Street
Existing Condition- Main Street to North
Existing Condition- Main Street to North
Existing Condition- Main Street to North
Existing Condition- Main Street to North
Exiting Condition- Towards North
Existing Condition – Repetitive Unclear Signage

- Existing wayfinding and street signage will be evaluated and remediated.
Island wide Traffic and Paved Area Challenges Summary

- Illegal Parking
- Z-brick Main Street road and Z-brick sidewalks in disrepair due to underground utility failures
- Sidewalk curb cuts code compliance issue
- Repetitive, Unclear Signage
- Heavy Traffic Volume vs. Narrow Street
- Disparity of traffic volume between southern vs. northern island
Project Schedule

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Thank You