

CARNEGIE AVENUE REHABILITATION

PUBLIC MEETING No. 2



Carnegie Avenue Rehabilitation
(E. 55th Street to E. 79th Street)

When: Tuesday, October 3, 2023 @ 5:00 PM

Where: CLEVELAND FOUNDATION
6601 Euclid Avenue, Cleveland, Ohio 44103

Richard A. Starr, Council Member
Ward 5

Blaine A. Griffin, Council President
Ward 6

James D. DeRosa, Director
Mayor's Office of Capital Projects

Richard J. Switalski, P.E., Administrative Manager
Division of Engineering and Construction



PROJECT AREA



 PROJECT LIMITS

AGENDA

Welcome and Purpose of Meeting – *Richard Starr, Council Member, Ward 5 & Blaine Griffin, Council President, Ward 6*

Opening Remarks and Project Team Introductions

Project Overview and Objectives – *Paul Fatica, P.E., City of Cleveland, Division of Engineering and Construction*

<u>Estimated Cost:</u>	\$9.2 Million	
<u>Funding source:</u>	Ohio Public Works Commission Issue I Grant, Public Utilities, City Road & Bridge Bonds	
<u>Project Schedule:</u>	Design Completed	September 2023
	Bid/Award	October 2023
	Construction Starts	April 2024
	Construction Duration	15 months
<u>Design Consultant:</u>	Mott MacDonald	

Project Work Scope – *Scott Piazza, PE, Mott MacDonald - Design Consultant*

Planned Street Improvements

Maintenance of Traffic During Construction

Public Input: Questions / Answers / Discussion

Closing Remarks

Open House Q&A

PROJECT SCOPE & SCHEMATIC PLAN



Carnegie Avenue Rehabilitation

- Repair and resurface the roadway.
- Reduce lanes and expand sidewalk under the NSRR overpass.
- Replace curbs, driveway aprons, sidewalks and curb ramps as needed.
- Reconstruct catch basins and reset utility castings to grade.
- Provide curbed median and midblock crossing between E. 65th Street and E 69th Street
- Provide curbed median and midblock crossing between E. 71st Street and E 77th Street.

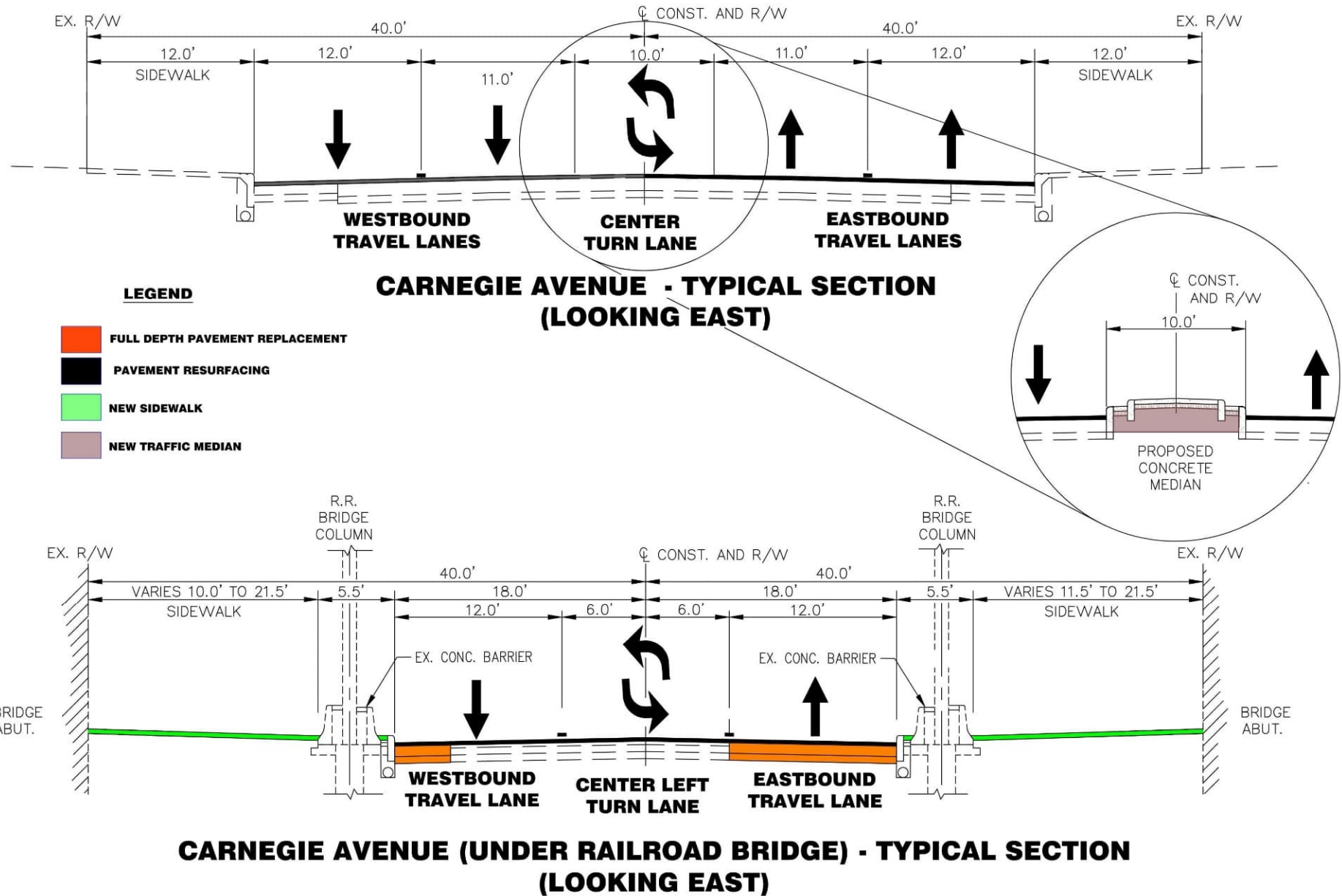
PROJECT SCOPE & SCHEMATIC PLAN



Carnegie Avenue Rehabilitation

- Replace 5,000 feet of water main and install new connections, valves, and hydrants.
- Install new high visibility pavement marking and signage.
- Replace signals at E. 71st Street
- Remove pedestrian traffic signal near East 77th Street.
- Relocate and consolidate poles where possible (utility pole owners).

PROPOSED TYPICAL SECTION



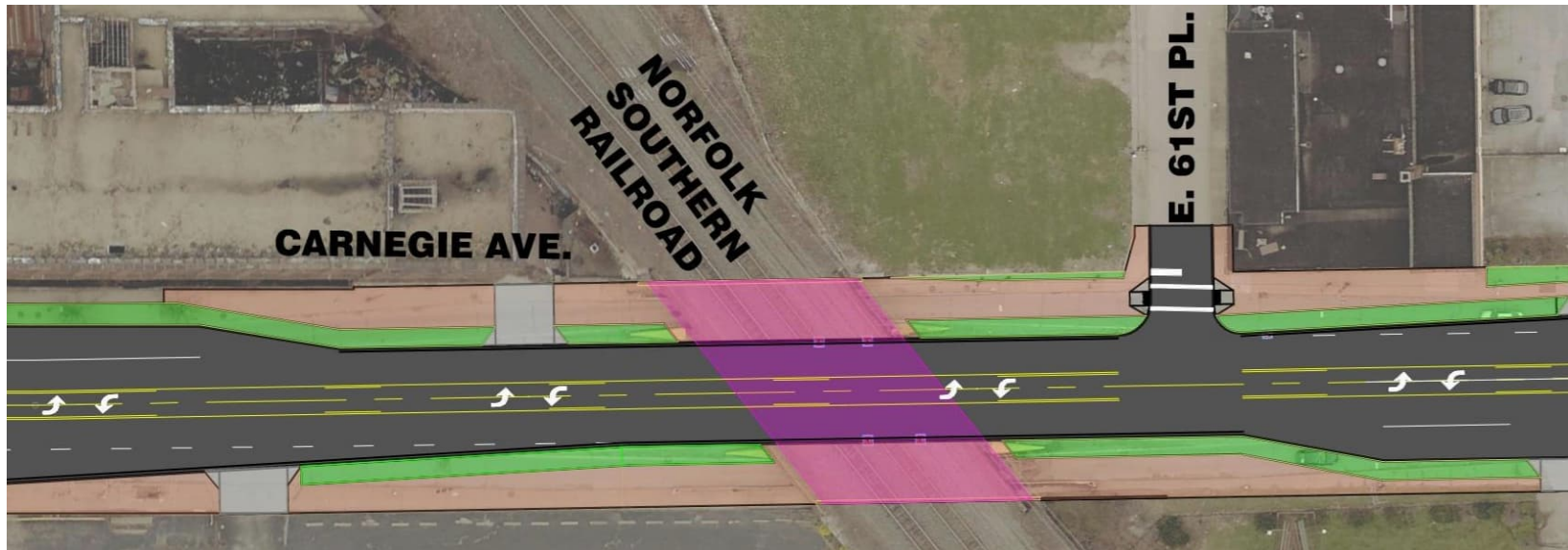
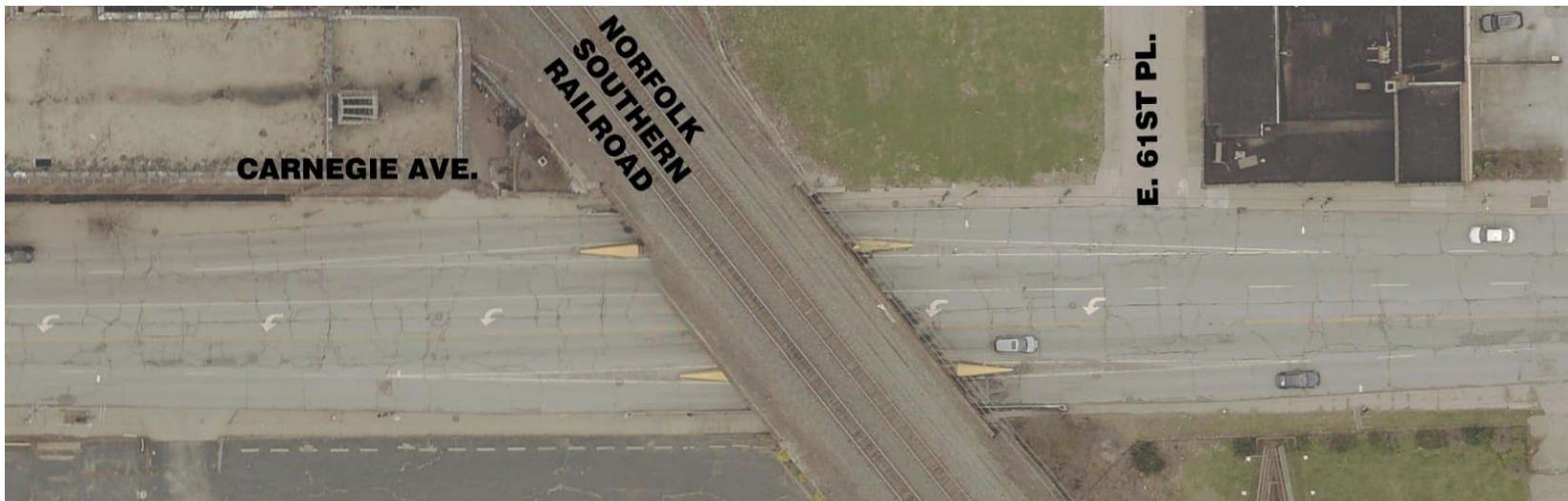
CARNEGIE AVENUE REHABILITATION

PROPOSED TYPICAL SECTION



CARNEGIE AVE TYPICAL SECTION

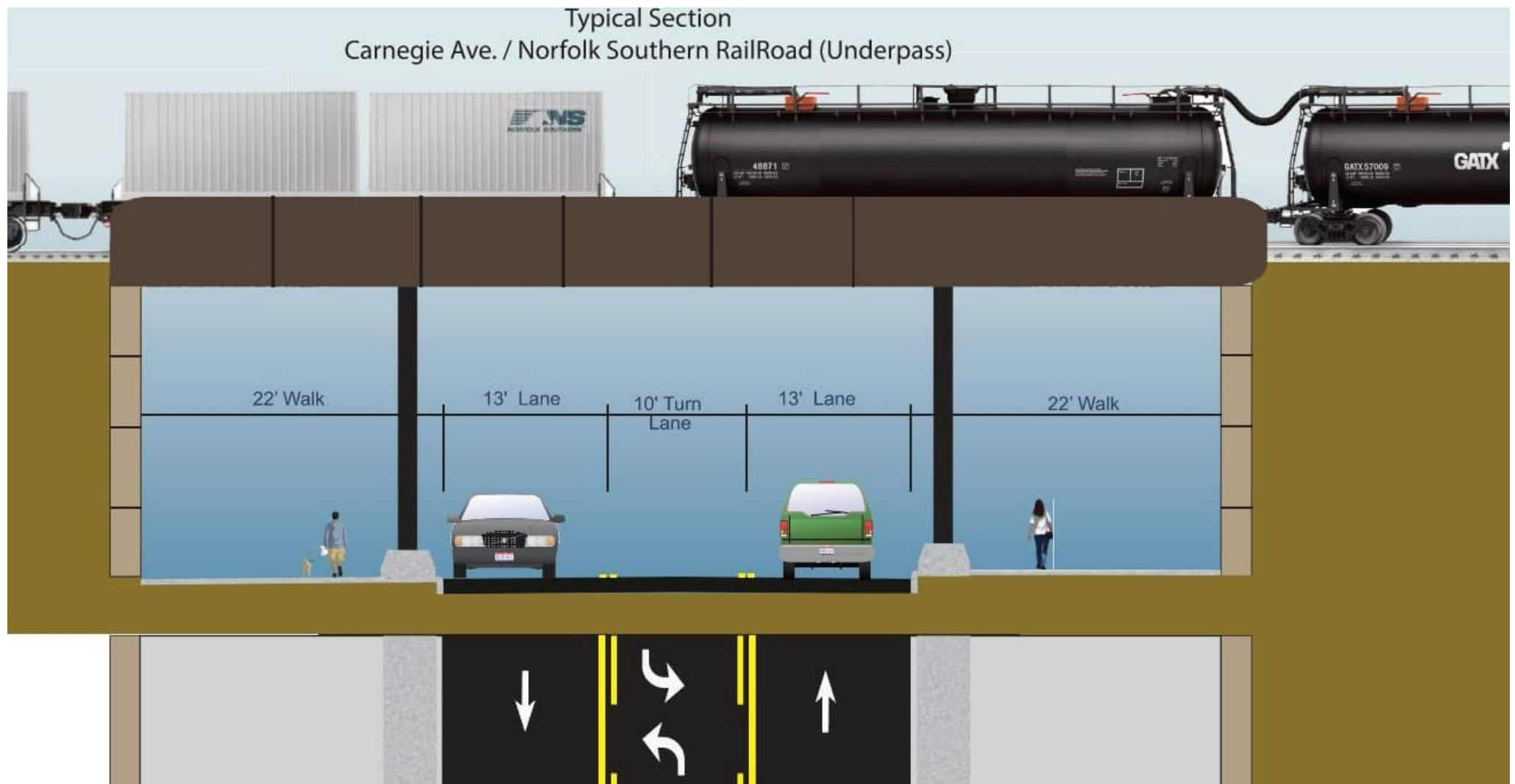
MAJOR PROJECT IMPROVEMENTS



CARNEGIE AVE AT NORFOLK SOUTHERN R.R. BRIDGE (UNDERPASS)

MAJOR PROJECT IMPROVEMENTS

Typical Section
Carnegie Ave. / Norfolk Southern Railroad (Underpass)



CARNEGIE AVE AT NORFOLK SOUTHERN R.R. BRIDGE (UNDERPASS)

PROJECT SIGNAL UPGRADES



TRAFFIC SIGNAL WORK LEGEND



Signal Reconstruction



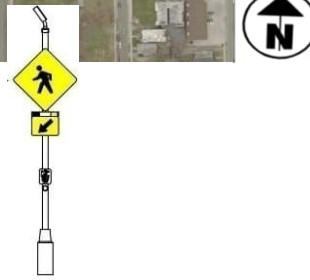
Existing Signal To Remain



Signal Removal



RRFB



Reconstruction – Carnegie Ave. and East 71st St.

- New traffic signals will be installed on new mast arms with new signal heads, pedestrian signals and push buttons and traffic signal heads with backplates.

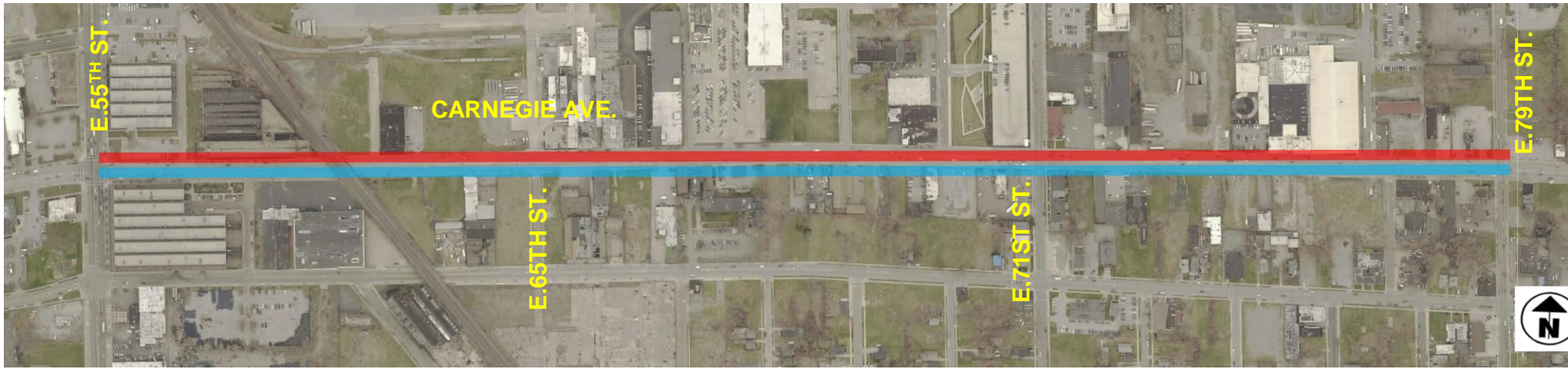
Removal – Carnegie Ave. east of East 77st St.

To Remain – Carnegie Ave. at East 55th St. and Carnegie Ave. at East 79st St.

- No work will be performed at these locations and the existing signal will remain in operation.

New RRFB – New median and midblock crossing with Rectangular Rapid Flashing Beacon (RRFB)

PLANNED CONSTRUCTION SEQUENCING



Maintenance of Traffic Stages

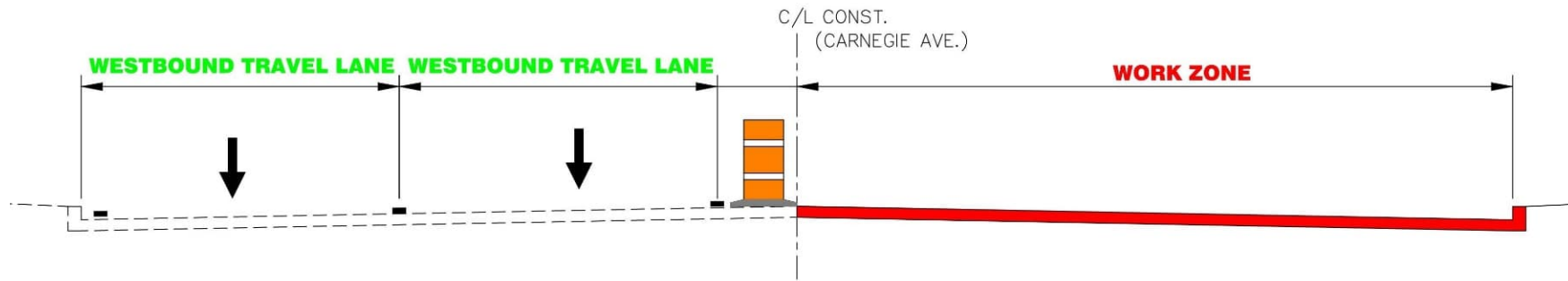
Stage 1 – East 55th Street to East 79th Street

- Maintain two lanes, one-way traffic Westbound on north side of Carnegie Ave.
- Construct south side of Carnegie Ave.

Stage 2 – East 55th Street to East 79th Street

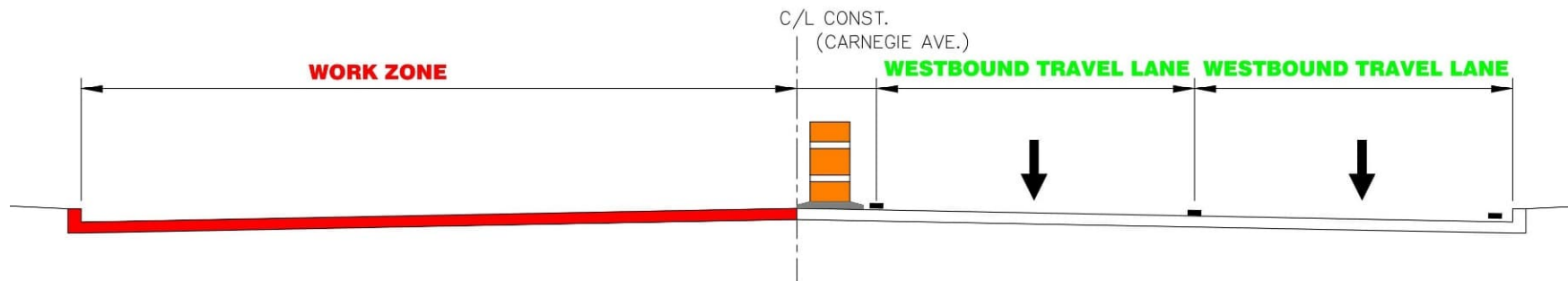
- Maintain two lanes, one-way traffic Westbound on south side of Carnegie Ave.
- Construct north side of Carnegie Ave.

MAINTENANCE OF TRAFFIC TYPICAL SECTION



PHASE 1 - E. 55TH STREET TO E. 79TH STREET

CONSTRUCT SOUTH SIDE OF CARNEGIE AVENUE
MAINTAIN ONE-WAY (WESTBOUND) TRAFFIC ON CARNEGIE



PHASE 2 - E. 55TH STREET TO E. 79TH STREET

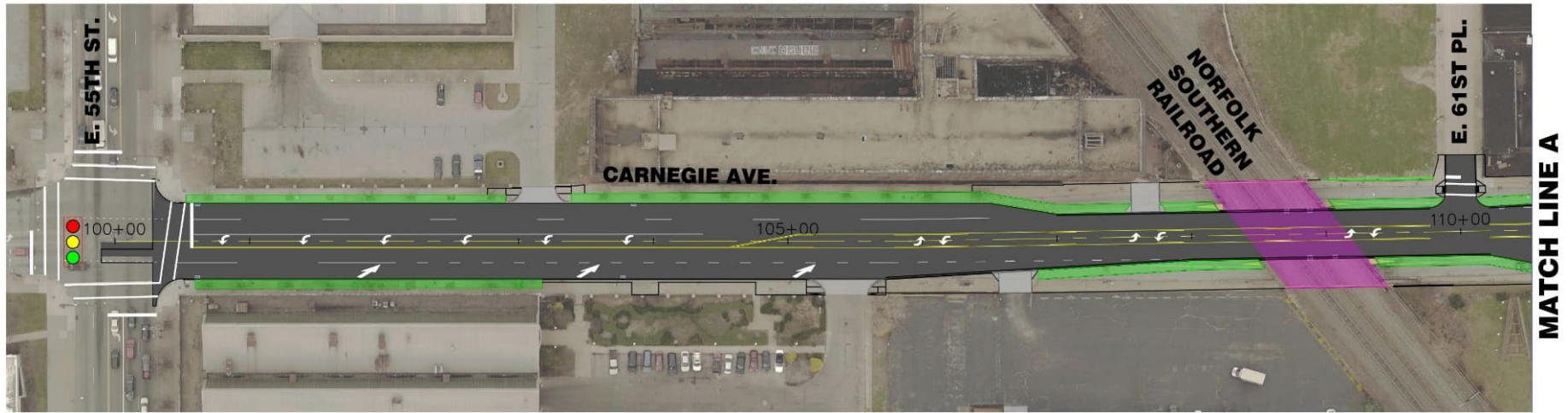
CONSTRUCT NORTH SIDE OF CARNEGIE AVENUE
MAINTAIN ONE-WAY (WESTBOUND) TRAFFIC ON CARNEGIE

PLANNED MAINTENANCE OF TRAFFIC DETOUR

DETOUR PLAN - E 55TH ST. TO E 79TH ST.



PAVEMENT MARKING PLAN



LEGEND

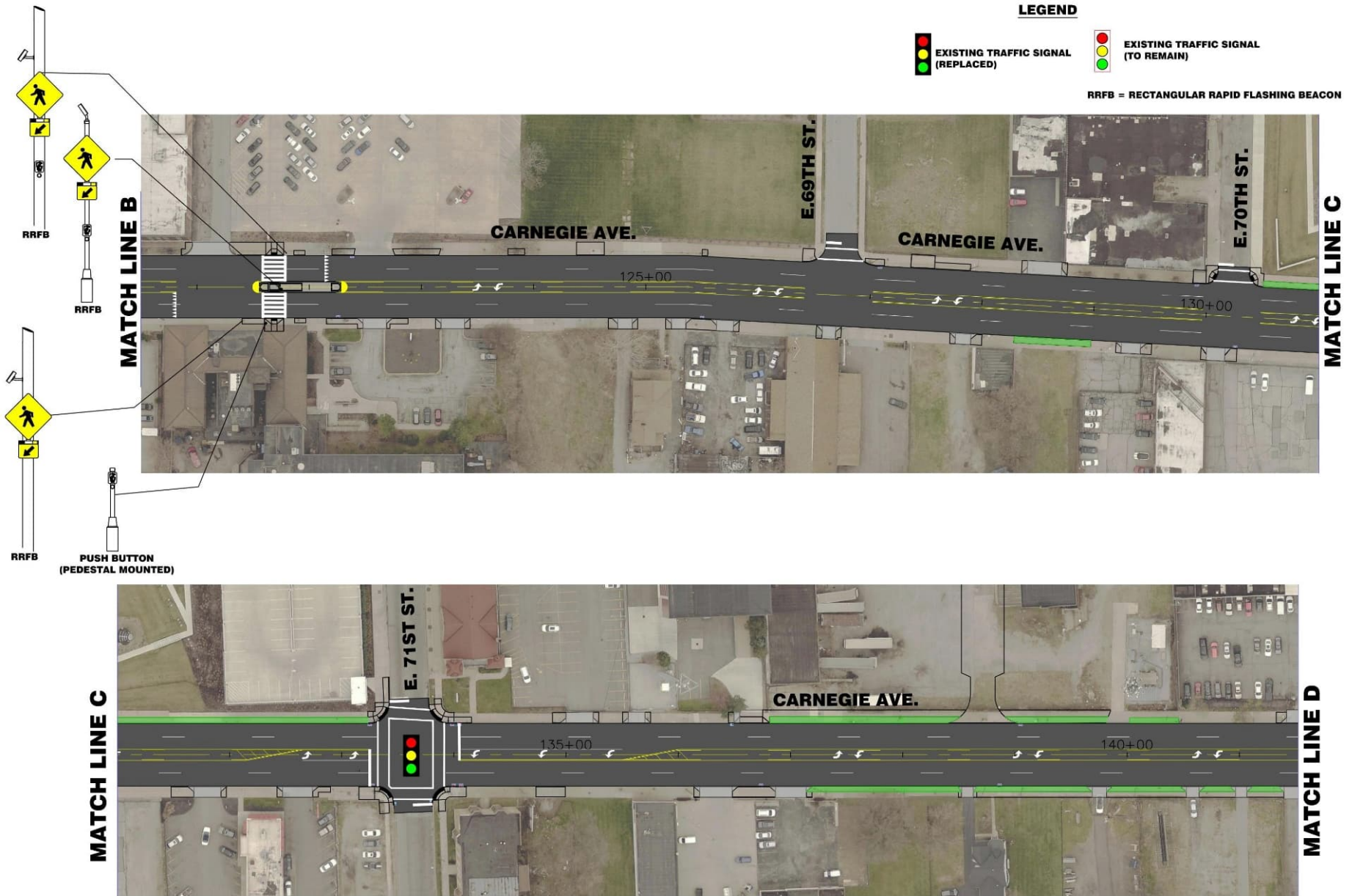


EXISTING TRAFFIC SIGNAL
(REPLACED)

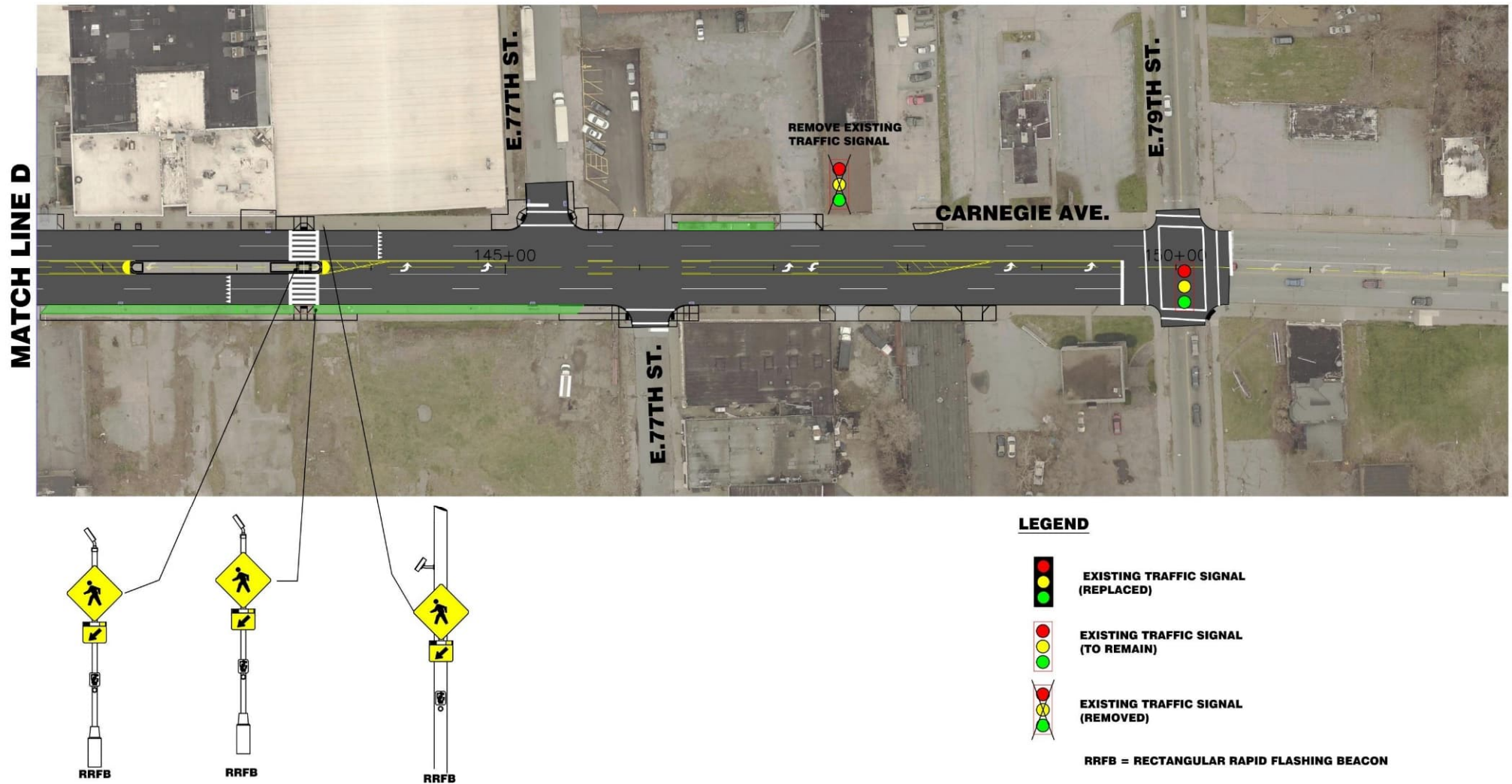


EXISTING TRAFFIC SIGNAL
(TO REMAIN)

PAVEMENT MARKING PLAN



PAVEMENT MARKING PLAN



CARNEGIE AVENUE REHABILITATION

COMMENTS FROM PUBLIC MEETING IN MAY 2023

1. *WILL E. 65TH OPEN BETWEEN EUCLID AND CARNEGIE?* East 65th north of Carnegie Avenue has been vacated.
2. *WILL ALL CURBS/DRIVES BE FIXED ALONG CARNEGIE, OR IS THIS THE PROPERTY OWNER'S RESPONSIBILITY?* Damaged or deteriorating curbs and drive aprons along Carnegie are scheduled to be repaired as part of this project.
3. *ADDITIONAL TRAFFIC CALMING NEEDED TO BE EXPLORED. THE ASPECT OF INSTALLING ELEMENTS OF A BOULEVARD (REMINISCENT OF CLIFTON BOULEVARD). RESIDENTS WANT MORE AESTHETICS, BARRIERS/BUFFERS AND WELL CURATED LANDSCAPED MEDIANS AND SKIRTS WOULD SOLVE MULTIPLE PROBLEMS.* Medians with step-up curb levels provided near the mid-block crossings. 25,776 square feet of grass tree lawn added where feasible, utilizing no-mow grass seed.
4. *GLAD TO SEE THE MEDIANS AND NARROWING UNDER THE NSRR BRIDGE. WE NEED TREELAWNS AND SPACE FOR TREES TO BE PLANTED. MEDIAN, RRFB AND NEW TRAFFIC LIGHT WOULD REALLY MAKE IT SAFER.* Tree lawns are added where feasible. Mid-Block crossings added with RRFBs to replace the ineffective Pedestrian Traffic Signal near East 77th Street.

CARNEGIE AVENUE REHABILITATION

COMMENTS FROM PUBLIC MEETING IN MAY 2023

5. *WE WOULD LIKE TO ADD SPEED BUMPS ON E. 68TH?* The City has added E. 68th to the evaluation for the traffic calming program.
6. *WHY IS DIRECTION OF TRAFFIC IN THE EASTBOUND DIRECTION FOR THE DETOUR ON CARNEGIE? WILL THIS AFFECT AMBULANCE DRIVE TIME TO THE CLINIC?* This Detour was used when Carnegie was resurfaced in 2005 and it worked well. When reconstructed, it was done in a way that would allow for the same traffic pattern for when the next Carnegie Reconstruction project occurs.
7. *WHY REDUCE LANES OF TRAFFIC UNDER THE NS RR BRIDGE?* This realignment improves safety to remove the tight lanes up against, and outside the bridge piers. Current traffic counts were taken and accident data reviewed. The numbers suggest that the traffic will work with the reduction of lanes under the bridge.
8. *WHY IS CEDAR ROAD THE DETOUR ROUTE? WON'T THAT PUT TOO MUCH TRAFFIC ON CEDAR.* See response to comment 6 above. Also, at the easternmost end Cedar ties directly back into Carnegie near MLK. It makes for a much simpler operation.

CARNEGIE AVENUE REHABILITATION

COMMENTS FROM PUBLIC MEETING IN MAY 2023

9. *CAN THE SIGNAL BE REPLACED AT E. 77TH STREET?* This is not part of the project scope and would also require property acquisition.
10. *CAN ONE-WAY SIDE STREETS BE LOOKED AT AS A PART OF THIS PROJECT?* The City can look at specific streets if there is a specific request. However, it would not be a part of this improvement project. In general, one-way streets have increased travel speeds.
11. *FOR THE CROSSING MOVED TO THE WEST OF E. 77TH STREET, CAN A HAWK SIGNAL BE PLACED INSTEAD OF AN RRFB?* The HAWK system was not a part of the original analysis and involves a warrant review and analysis which was not a part of this project. This can be studied once the Trails Project or other new developments occur.
12. *CAN E. 77TH STREET BE REALIGNED TO MATCH THE NORTH AND SOUTH LEGS?* This is not part of the Carnegie Avenue Improvement and would take considerable amount of Right-of-Way acquisition.

CARNEGIE AVENUE REHABILITATION



QUESTIONS



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