

West Side Manhattan Transportation Study Future Conditions & Recommendations



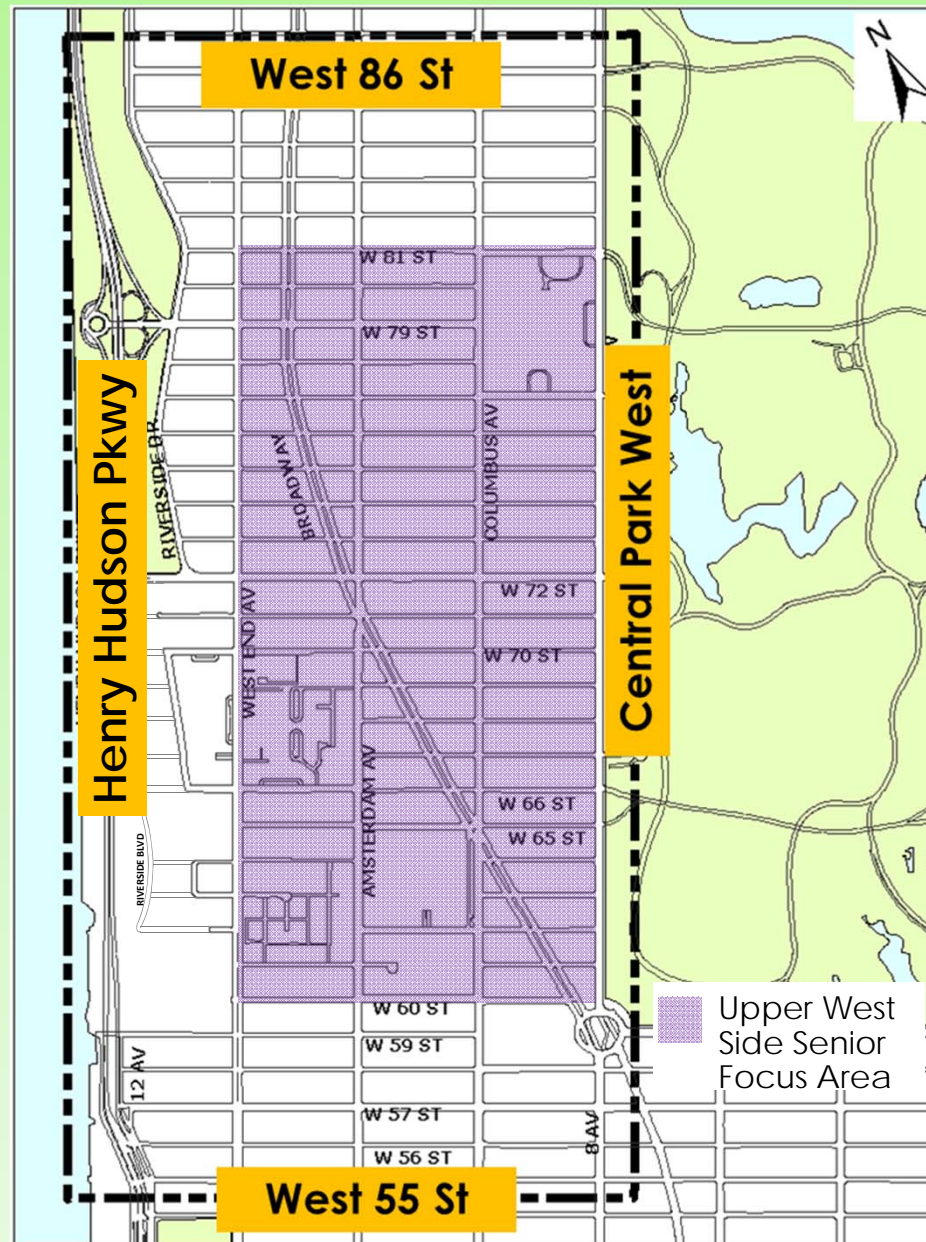
Public Meeting #3

April 25, 2012

Commissioner Janette Sadik-Khan New York City Department of Transportation



Study Area



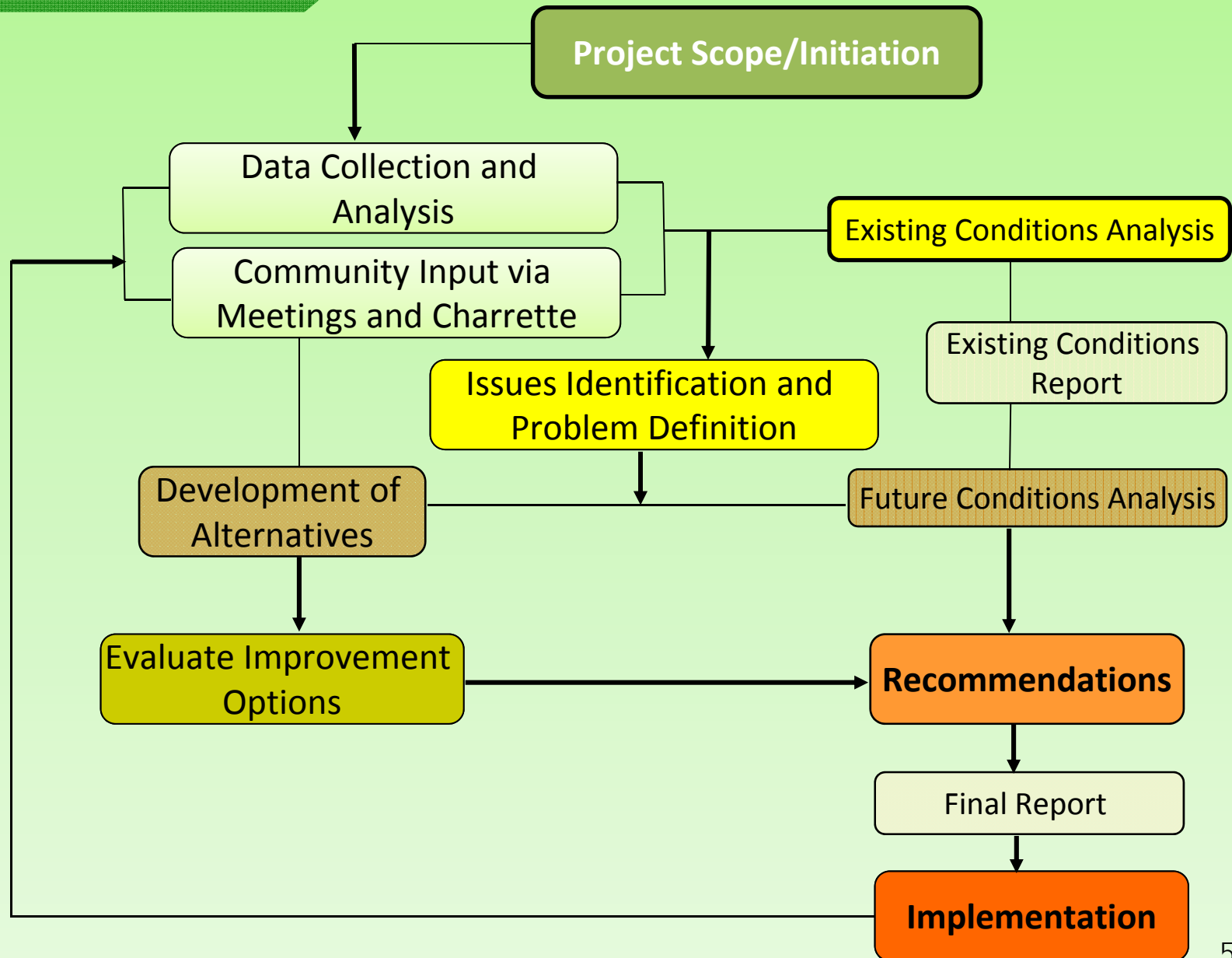
Study Goals

- ❑ Improve travel conditions and enhance the quality of life of the people who live, work and shop in the study area.
- ❑ Facilitate public and community participation in the planning process.
- ❑ Bring stakeholders together and build consensus on problem definition and potential remedies.

Study Objectives

- ☐ Identify the travel and traffic characteristics, assess the existing and future transportation demand and needs of the study area.
- ☐ Reduce vehicular congestion and improve safety for all users (vehicle, pedestrian and bicycle).
- ☐ Effective management of curb usage for parking and loading/unloading.
- ☐ Identify problems and make recommendations.
- ☐ Develop improvement measures to address existing and future needs.

Study Process



Study Status

- ☐ Technical Memorandum 1 (Existing Conditions) – Completed 2010
- ☐ Draft Final Report (Future Conditions & Recommendations) Completed – September 2011
- ☐ TAC Meeting – January 2012
- ☐ Project Development – 90% completed
- ☐ Public Meeting – April 25, 2012
- ☐ Final Report
- ☐ Project Implementation (subject to CB review/approval)

Community Participation

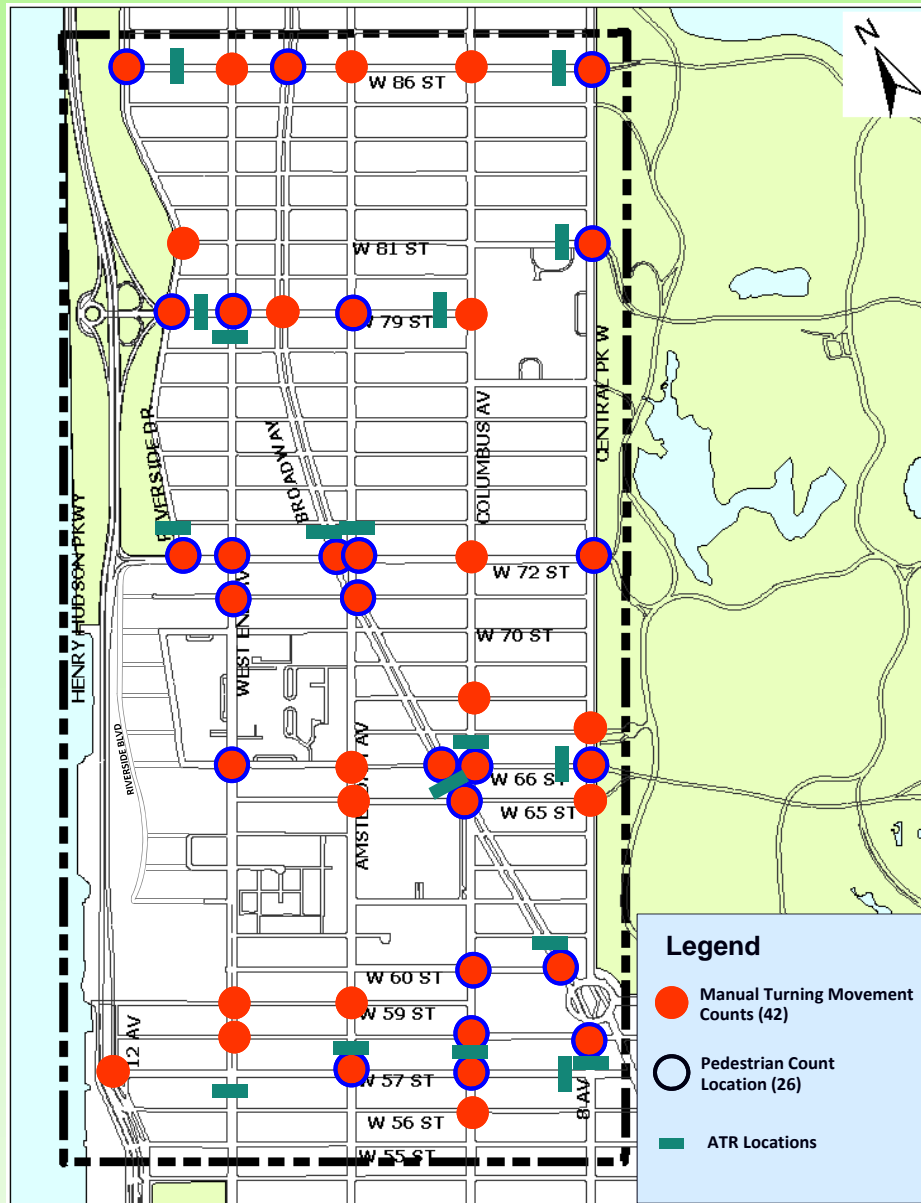
Formats:

- ☐ Two public meetings
- ☐ Two Technical Advisory Committee meetings
- ☐ One business survey
- ☐ Letters/Emails

Community Issues:

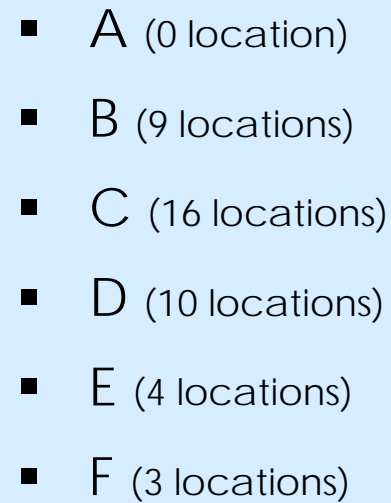
- ☐ Pedestrian Safety
- ☐ Double Parking
- ☐ Congestion
- ☐ Enforcement
- ☐ Truck Traffic

Traffic Data Collection

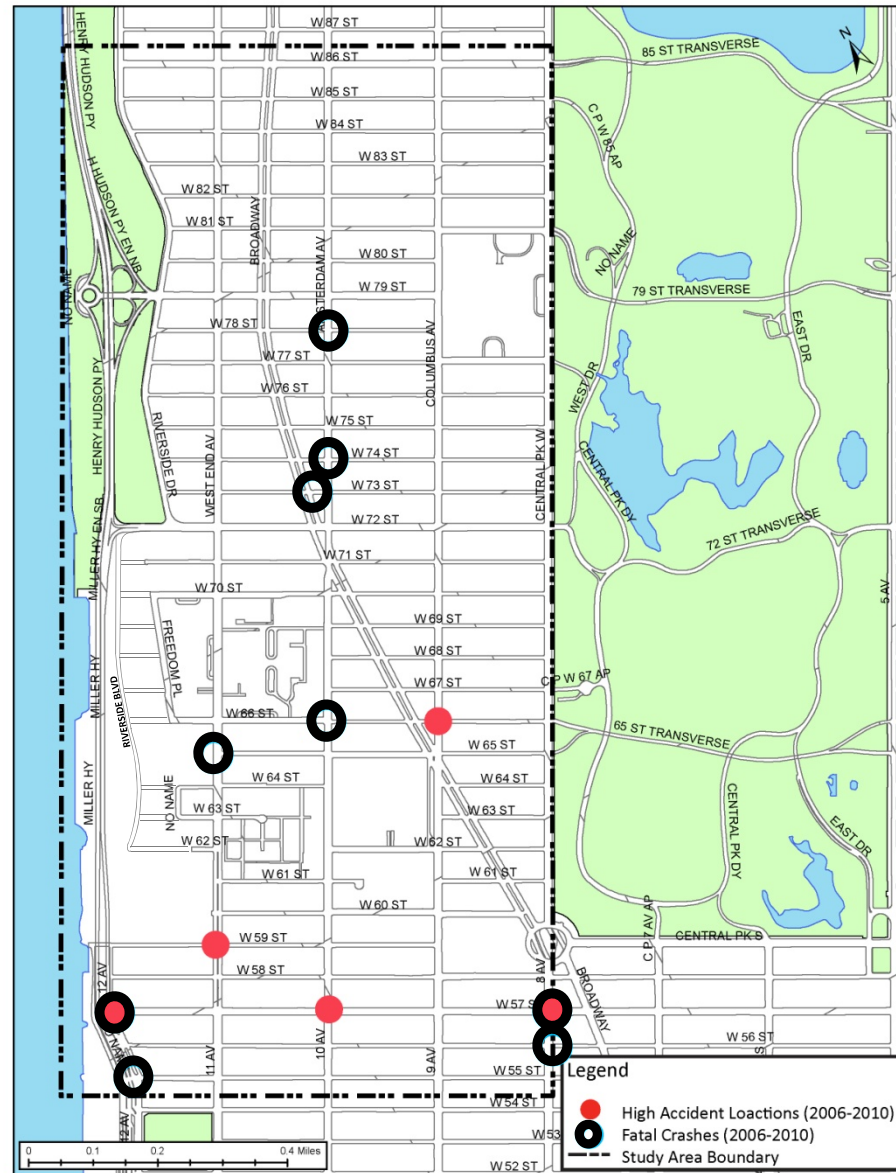


- Pedestrian Counts (26 locations)
- Manual Turning Movement Counts (42 locations)
- ATRs (18 locations)
- Travel Speeds (12 corridors)
- Accidents Data (2006-2010)
- Parking Survey

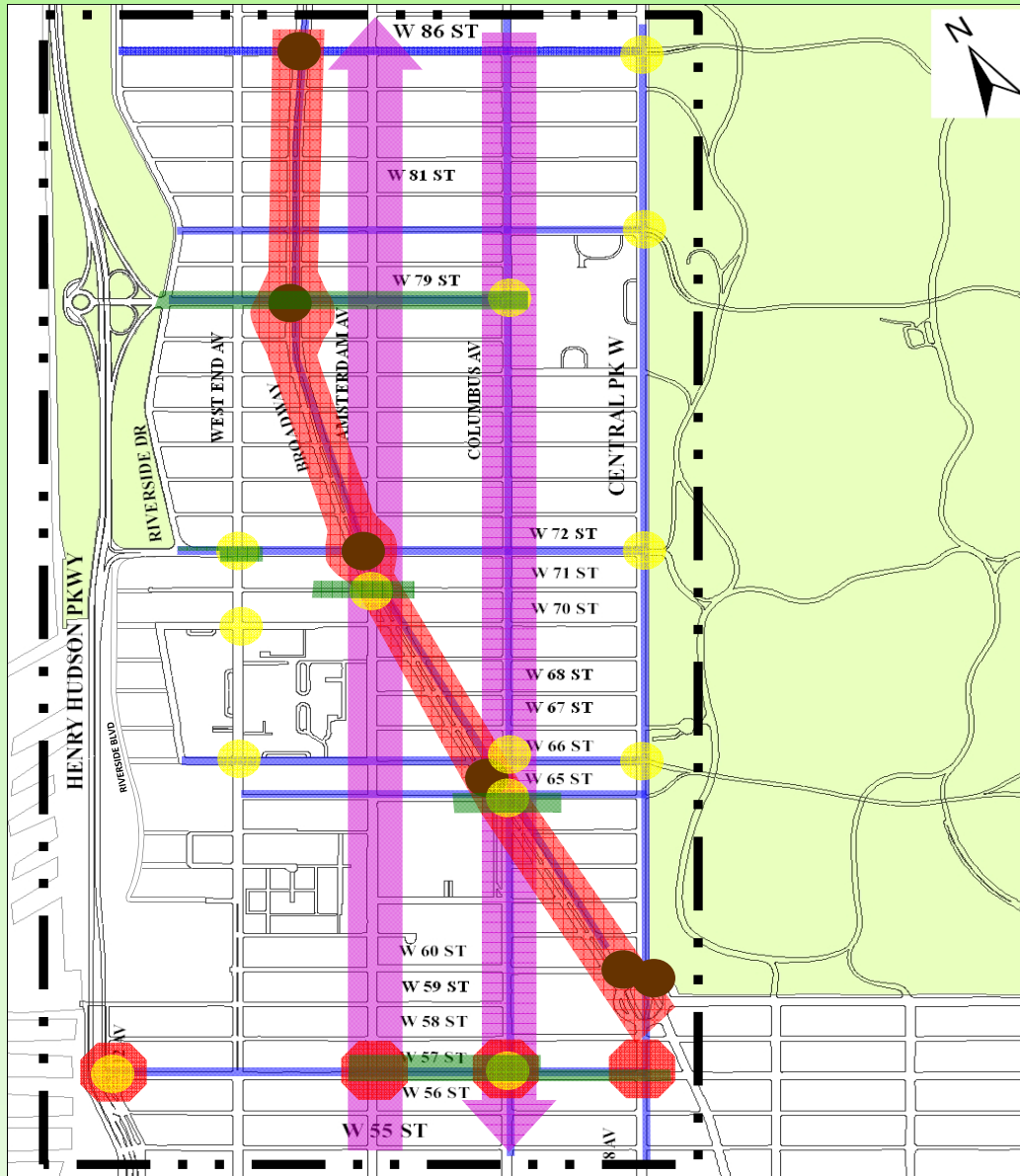
Intersection LOS



Accident Analysis - (2006-2010)



Issues



Legend

- Double parking
- Traffic congestion
- Pedestrians safety issues
- Heavy truck vol.
- High pedestrian vol./subway stations
- High accidents locations
- Low travel speed (range between 3 and 15 mph)

Implemented Improvements



Broadway/West 71 St/Amsterdam Ave looking south



Broadway/West 71 St/Amsterdam Ave looking north



West End Ave/West 75 St - neckdown



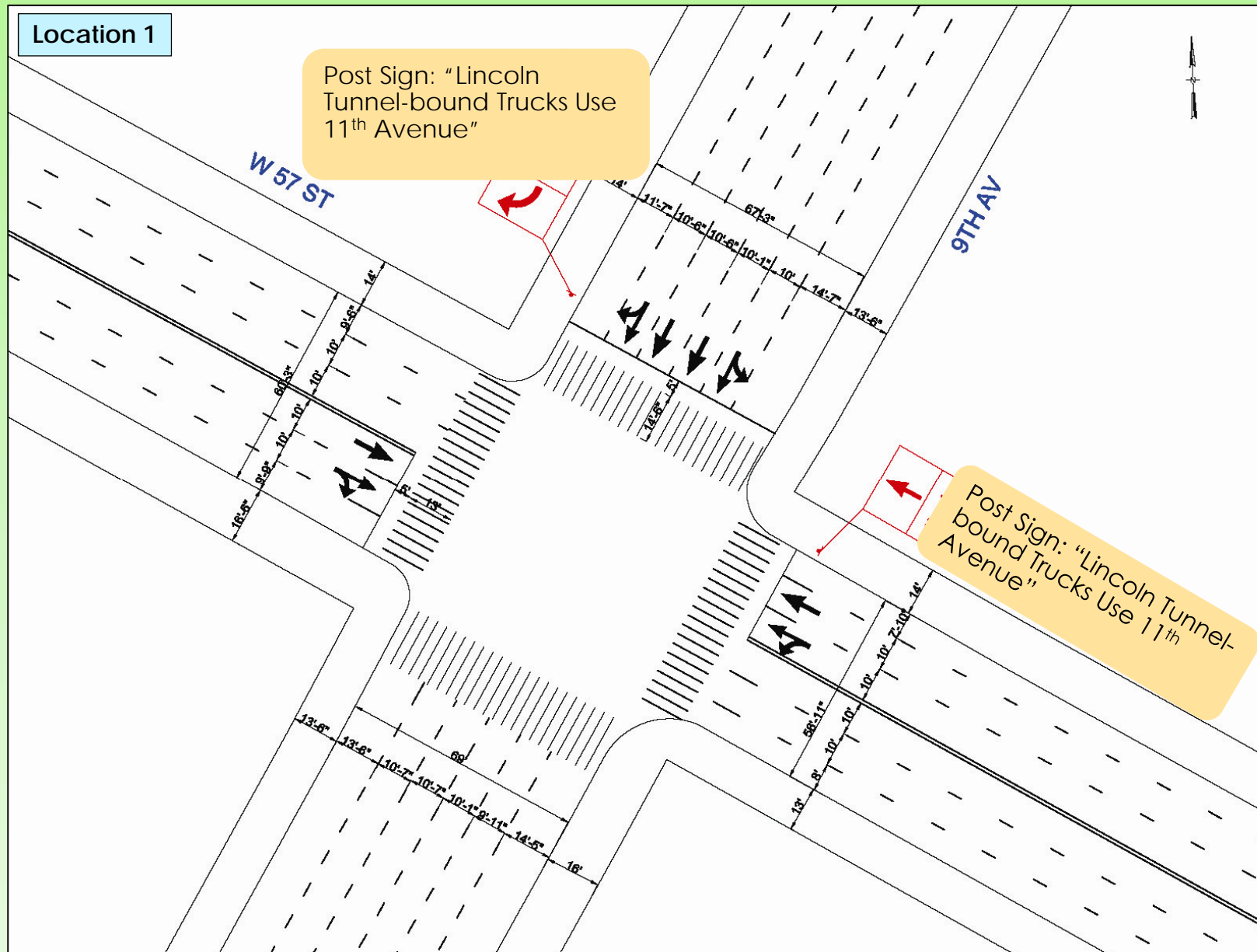
West 66 St/West End Ave – Pedestrian refuge

- Redesign Broadway/ West 71st St/Amsterdam Ave intersection
- Pedestrian refuge - West 66 St/West End Ave and West 61st St/West End Ave
- Neckdowns – West 75 St/West End Ave, West 66 St/Amsterdam Ave,
- Leading Pedestrian Interval
- Increase Pedestrian Crossing Time (3.5 ft/sec)
- Columbus Avenue bike lane
- Countdown signals on Broadway & Route 9A
- Riverside Blvd/Riverside Drive Connection Opened
- Muni-meter along Columbus and Amsterdam Aves

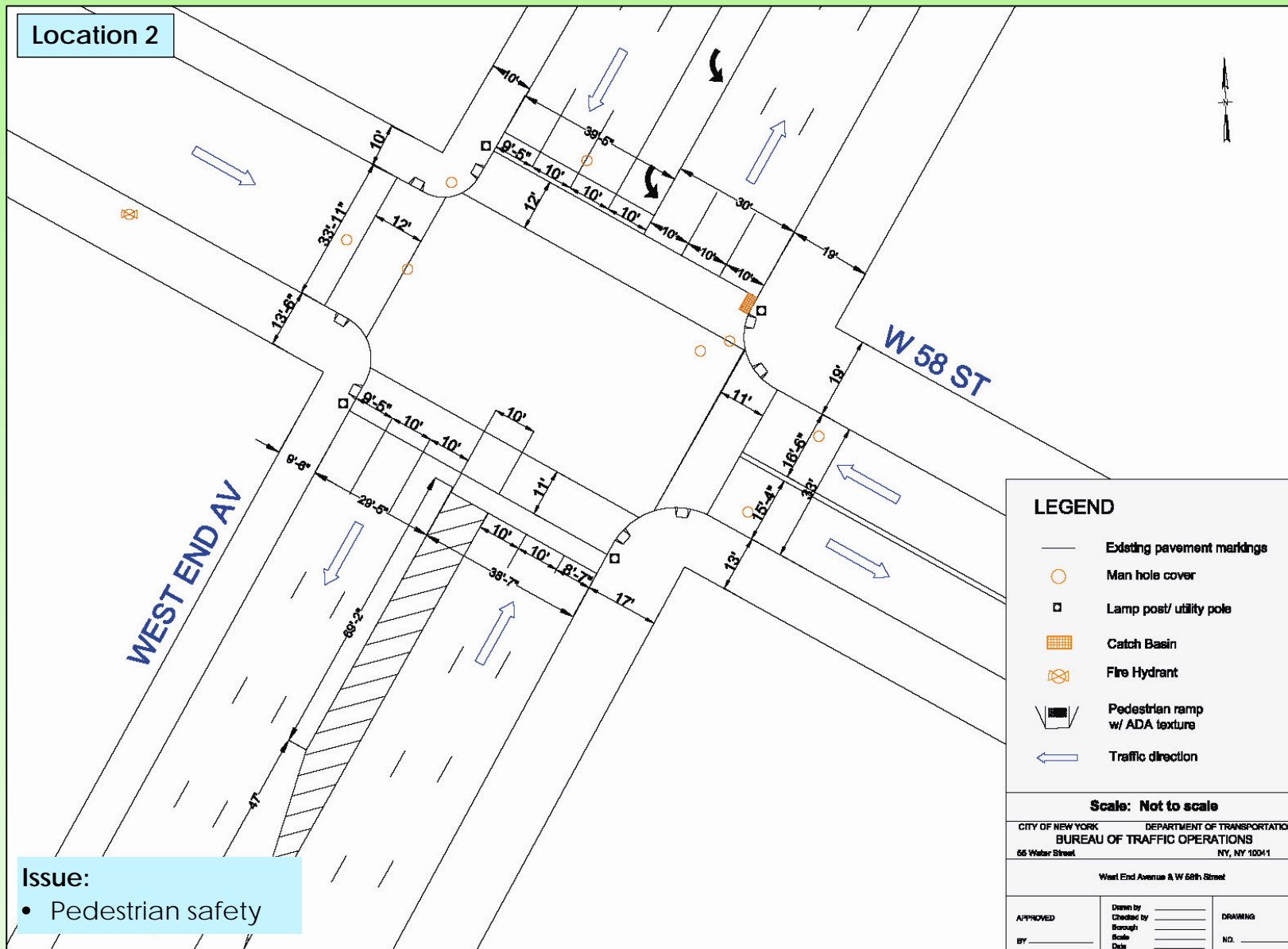
Major Improvements



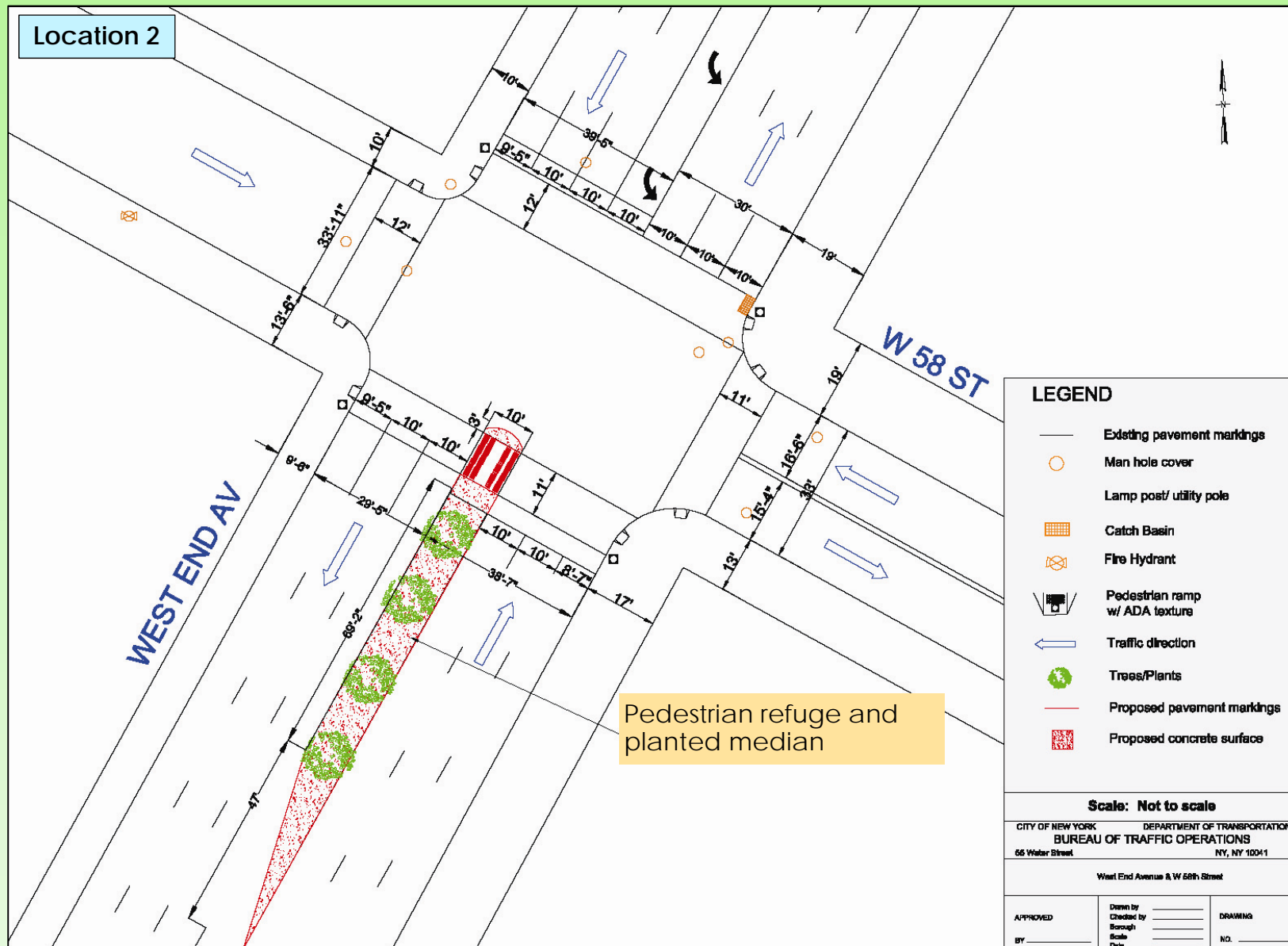
Truck Advisory – West 57th St/Ninth Ave - Proposed



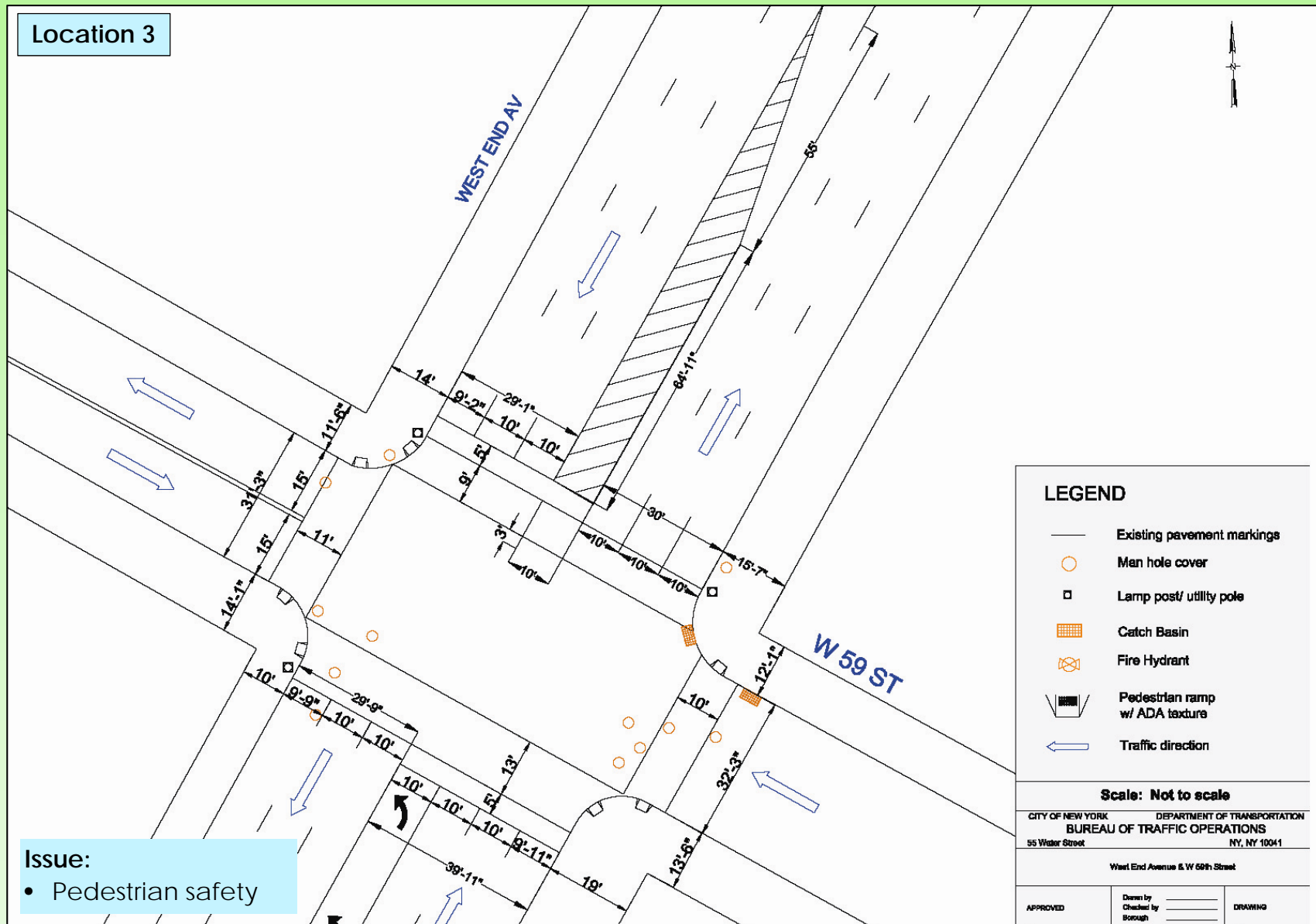
West 58 Street & West End Avenue - Existing



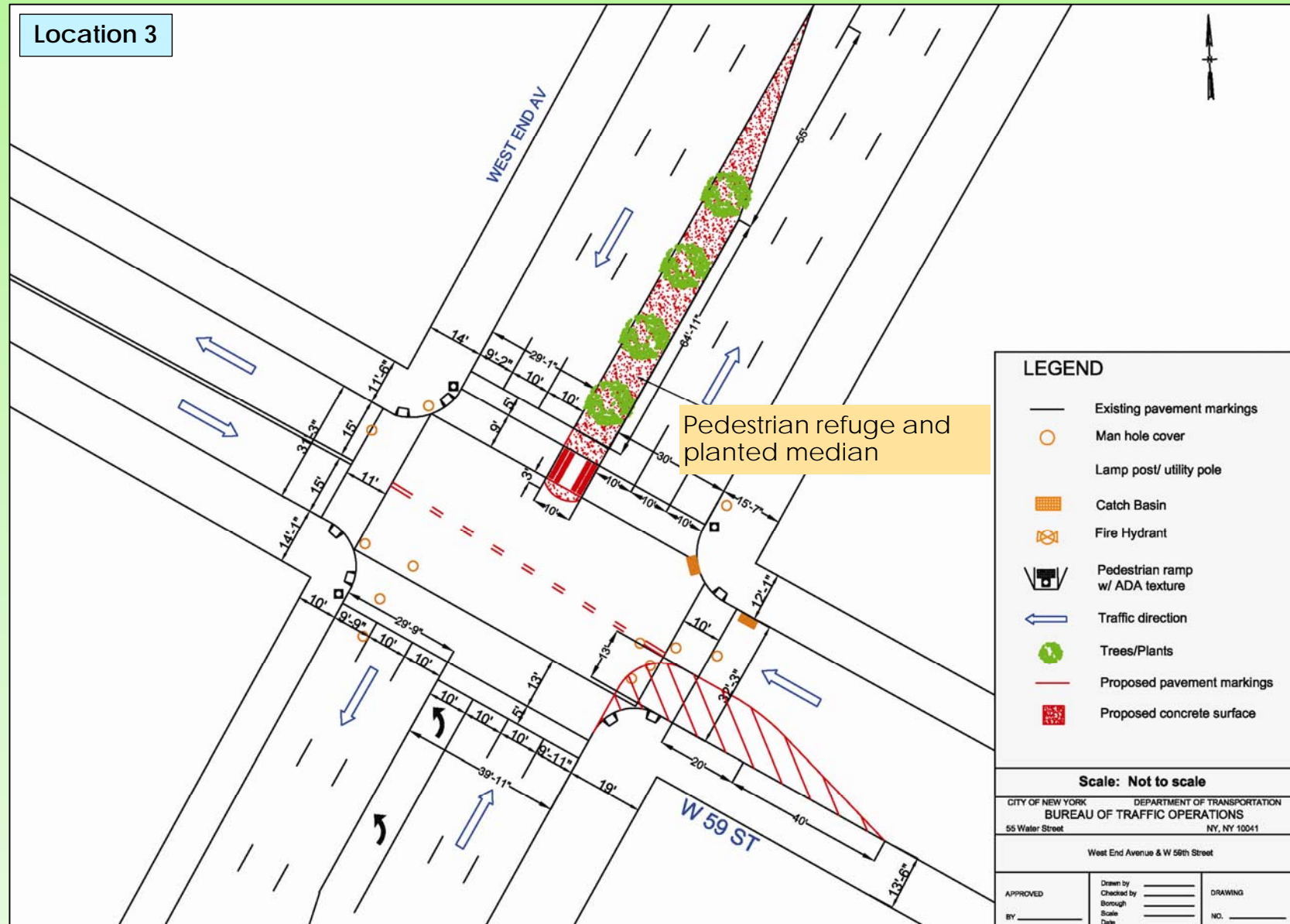
West 58 Street & West End Avenue - Proposed



West 59 Street & West End Avenue - Existing

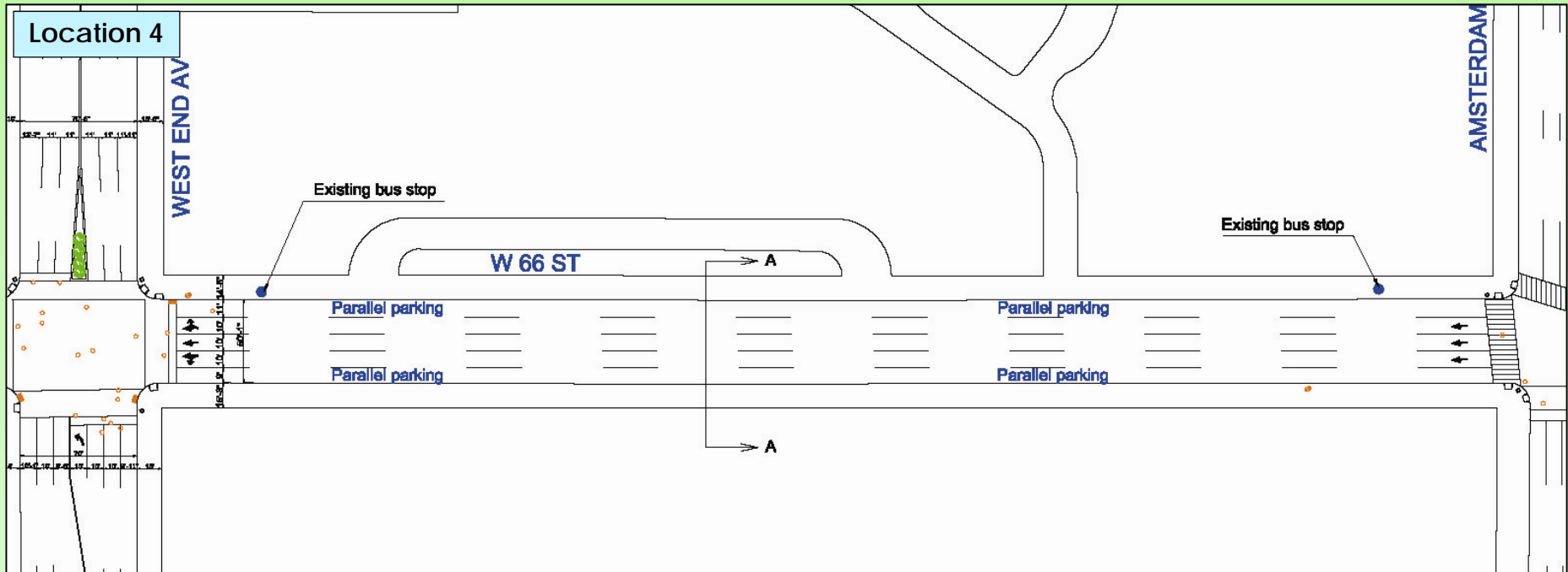


West 59 Street & West End Avenue - Proposed



West 66 Street – West End Ave to Amsterdam Ave

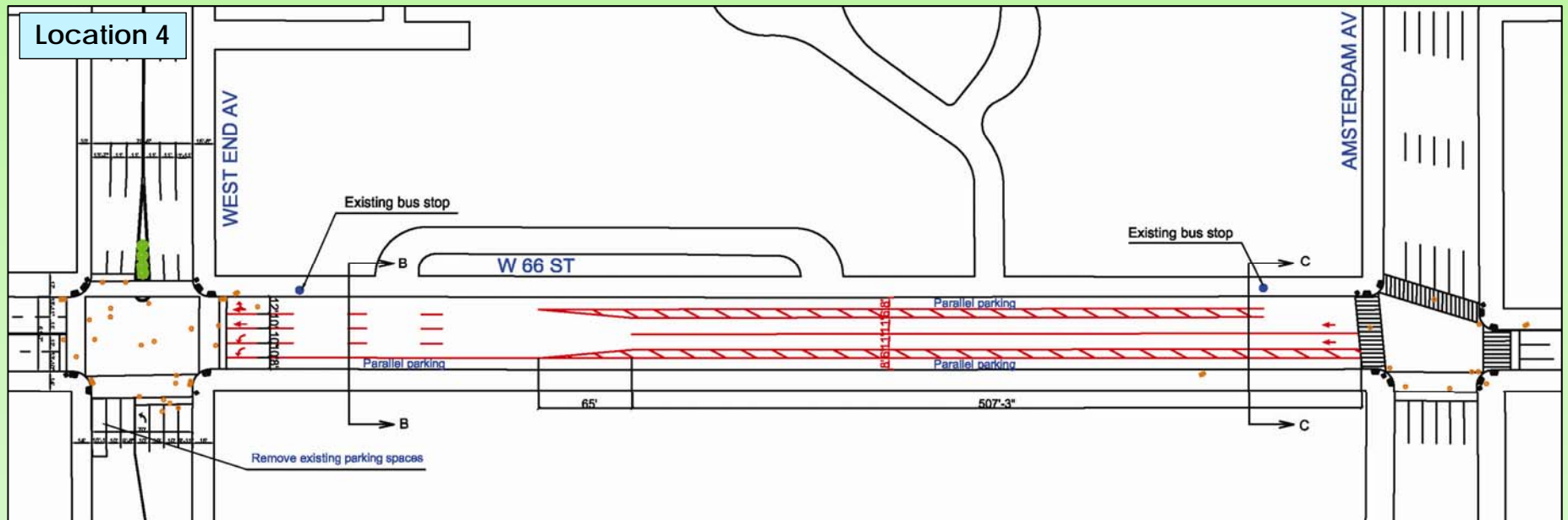
Existing



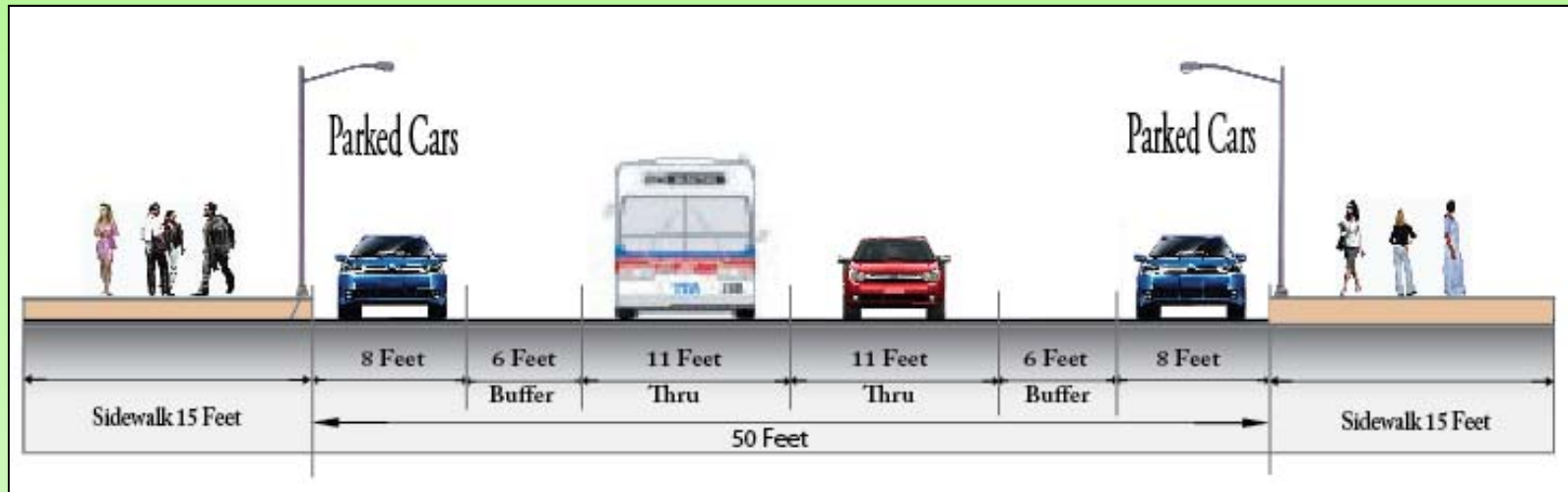
Issues:

- Observed speeding
- Heavy westbound left turns

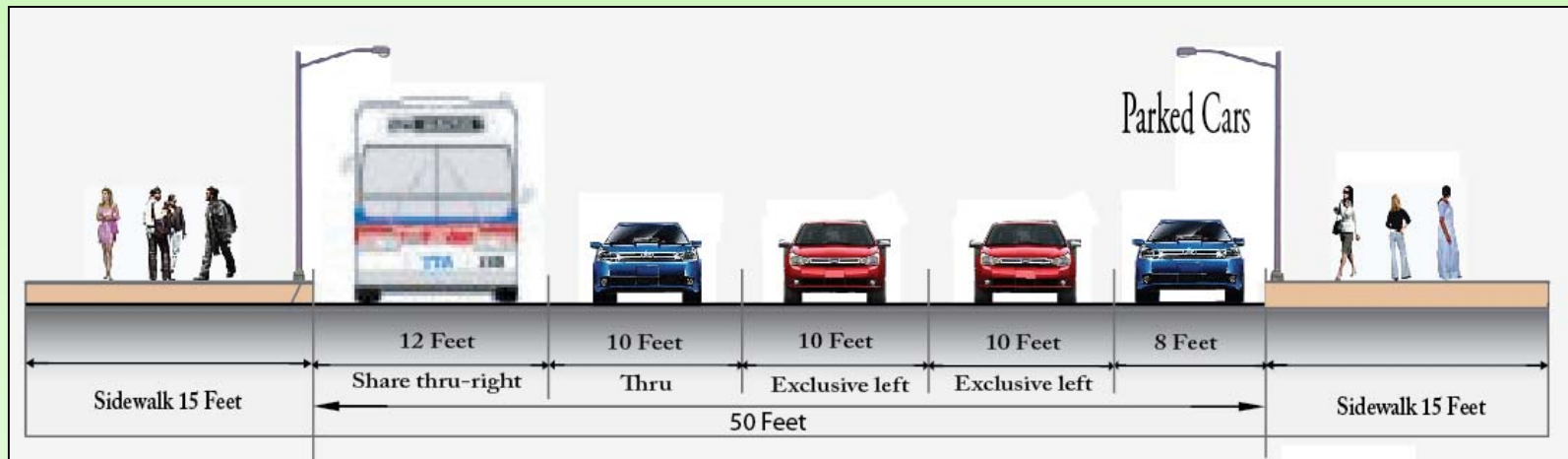
West 66 Street – West End Ave to Amsterdam Ave Proposed



West 66 Street – West End Ave to Amsterdam Ave Proposed (Cross-section)

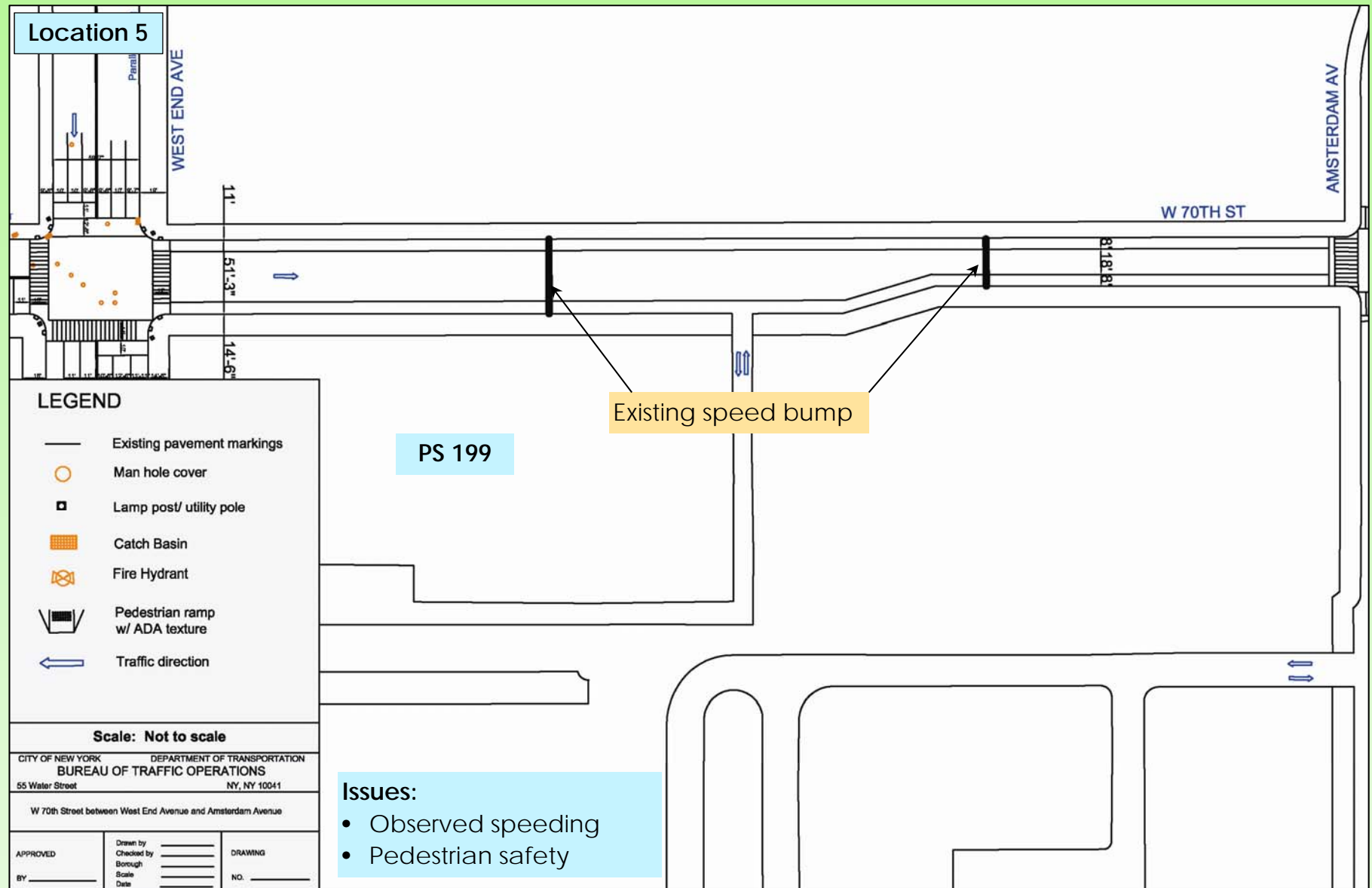


Midblock - West of Amsterdam Avenue (Cross-section C-C)

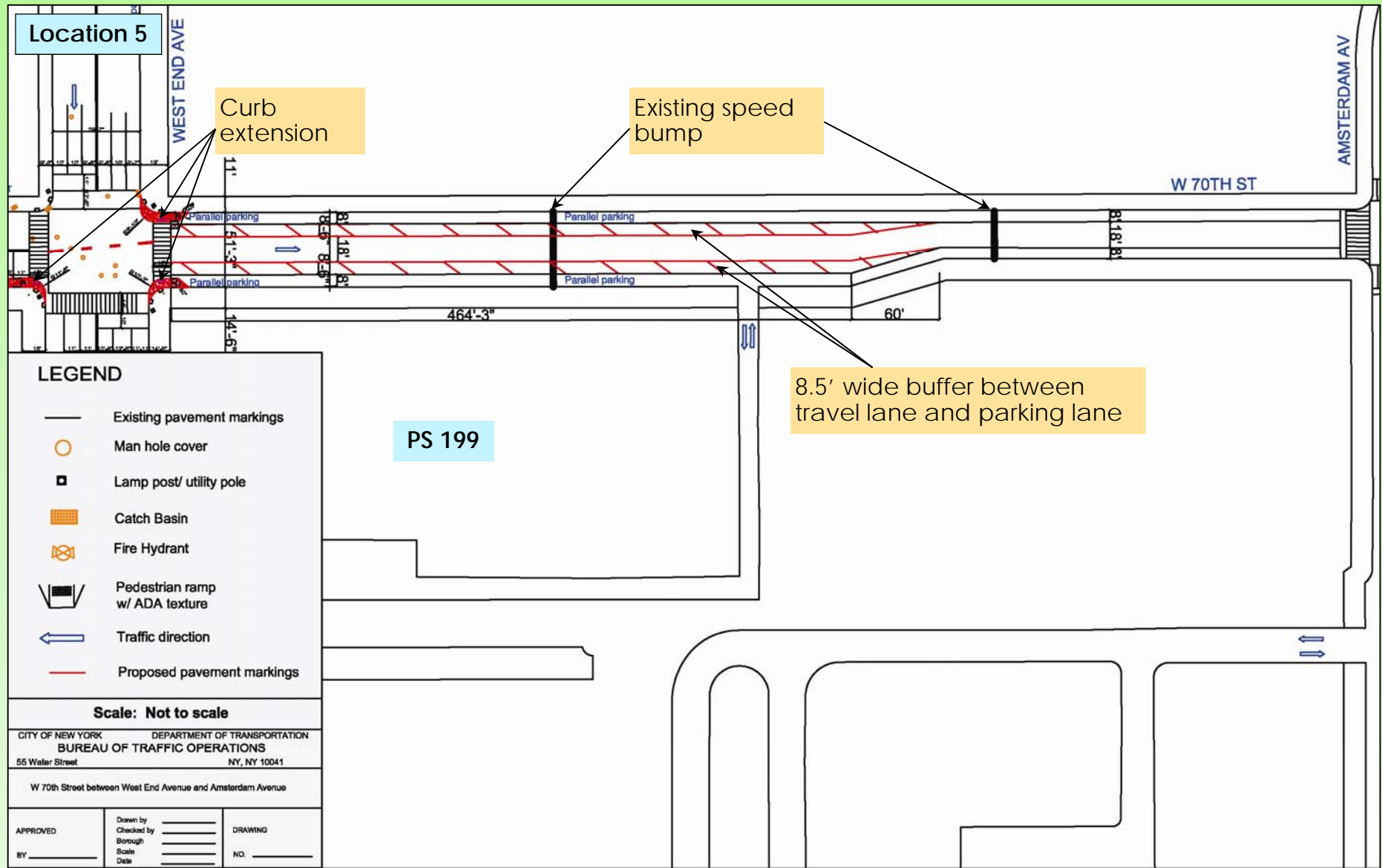


Approaching West End Avenue (Cross-section B-B)

West 70 Street – West End Ave to Amsterdam Ave Existing



West 70 Street – West End Ave to Amsterdam Ave Proposed

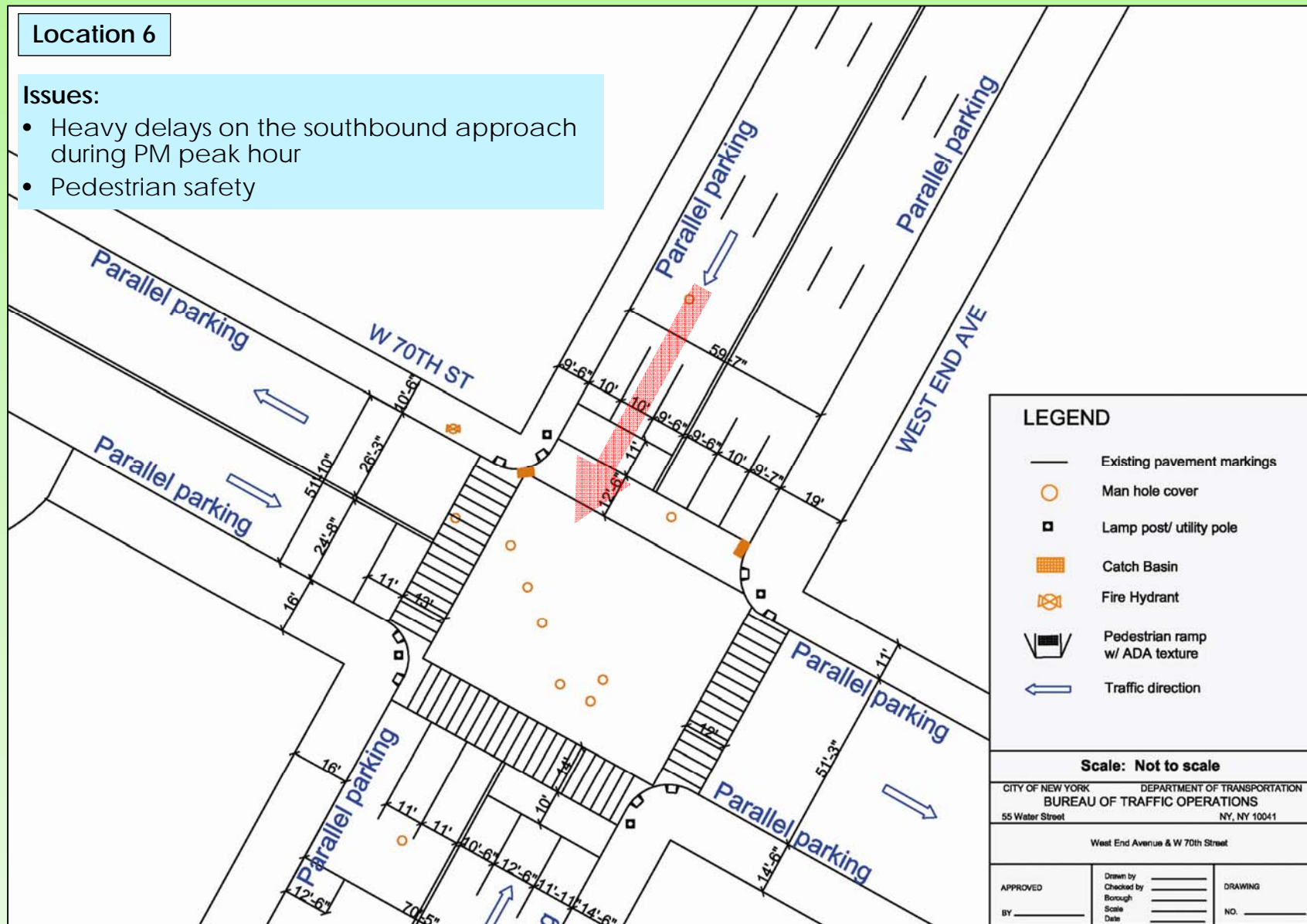


West 70 Street & West End Avenue - Existing

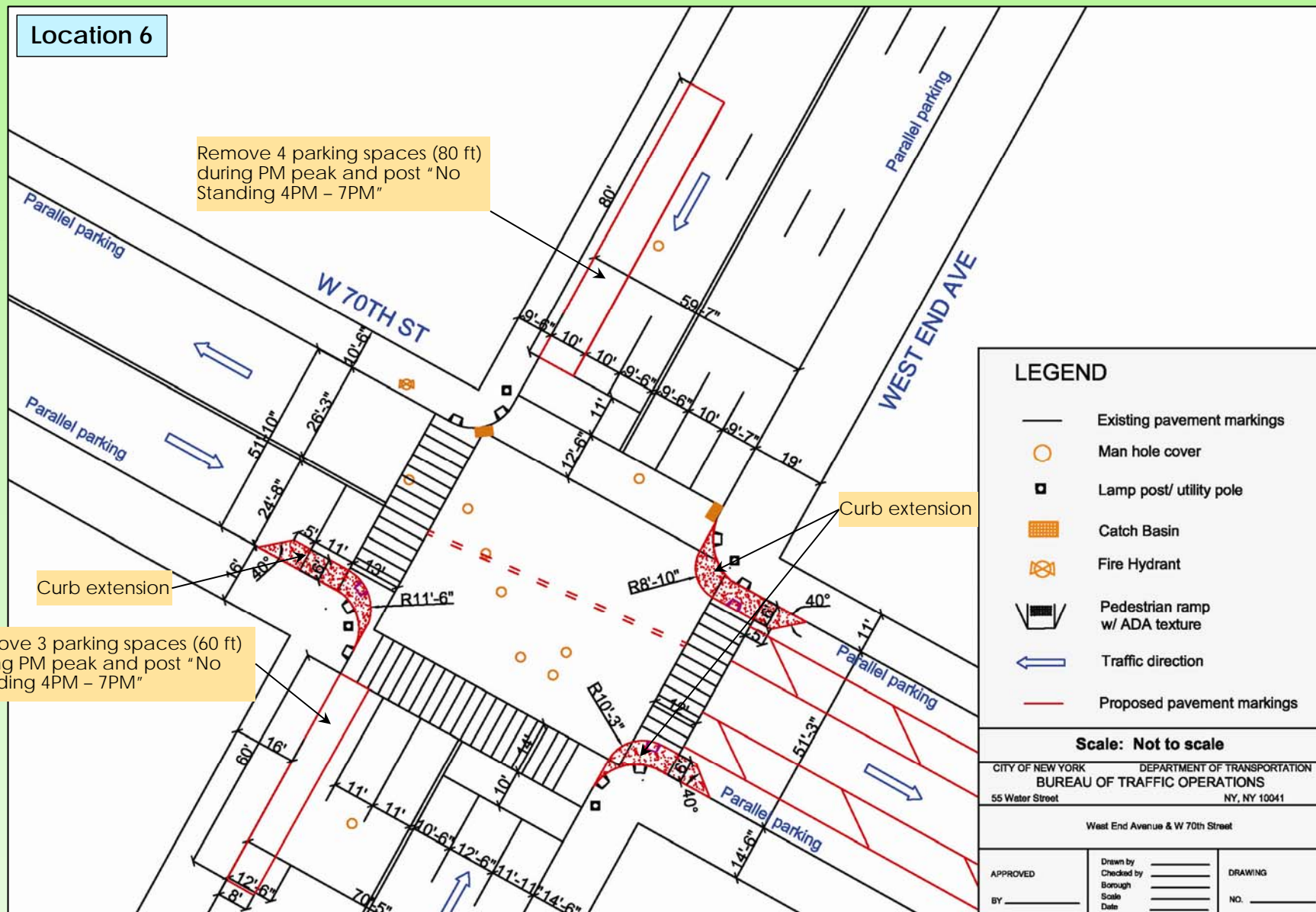
Location 6

Issues:

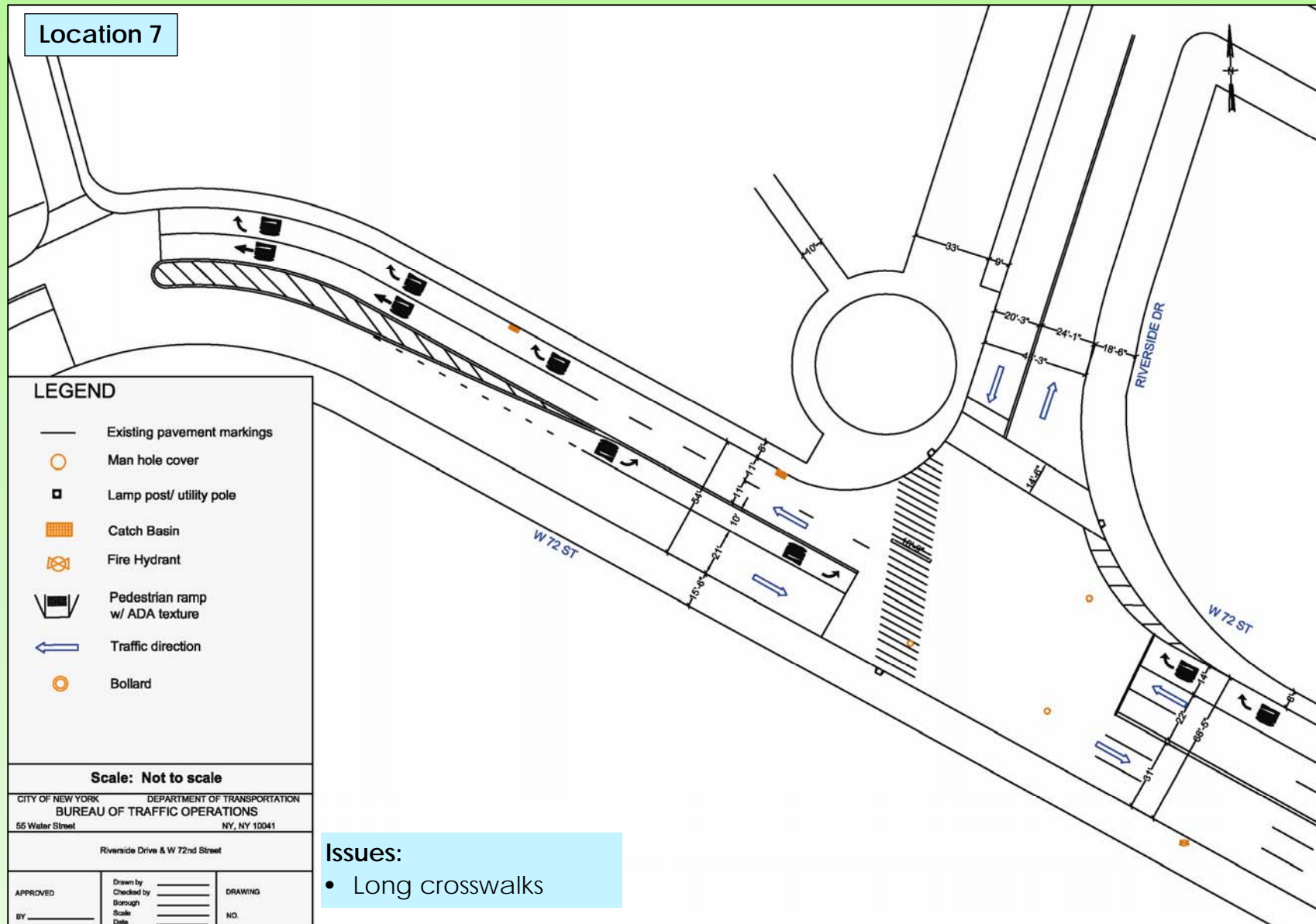
- Heavy delays on the southbound approach during PM peak hour
- Pedestrian safety



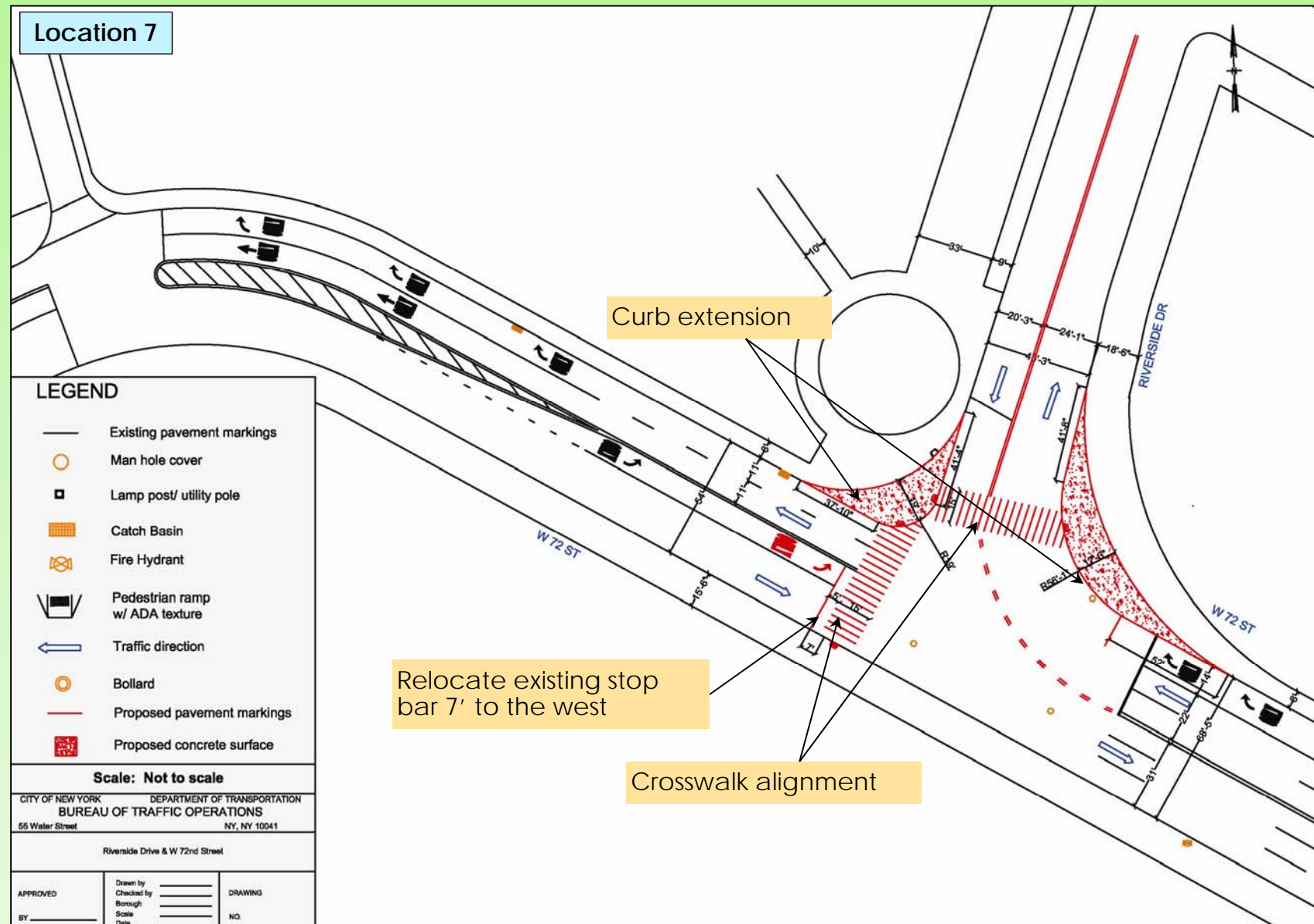
West 70 Street & West End Avenue - Proposed



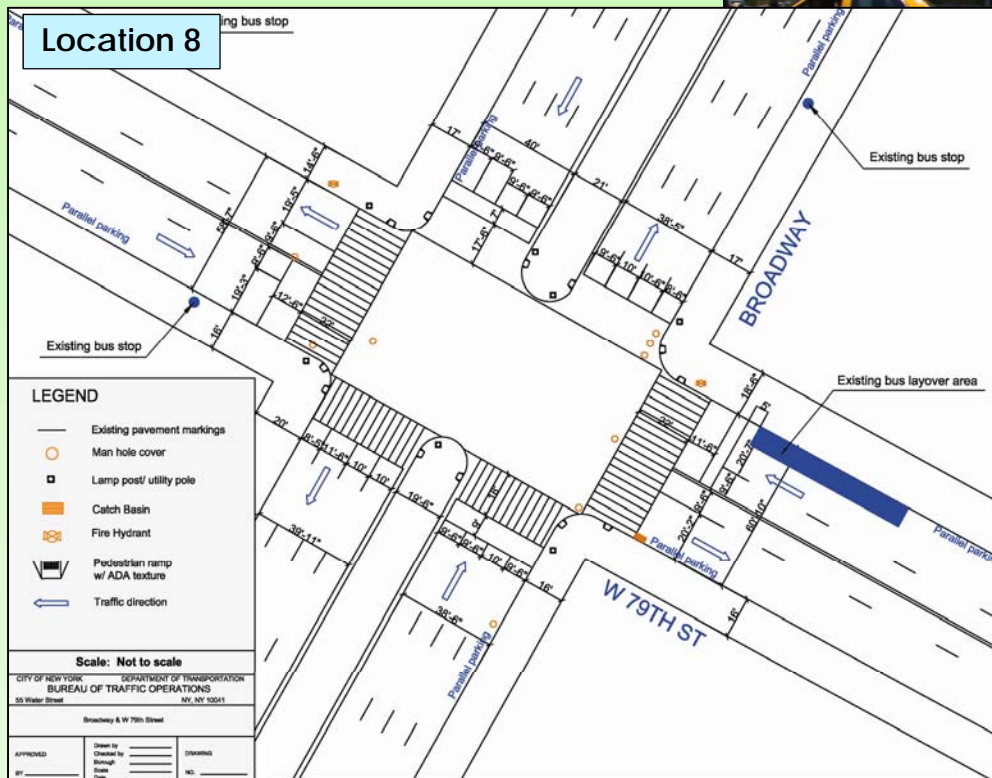
West 72 Street & Riverside Drive - Existing



West 72 St & Riverside Drive - Proposed



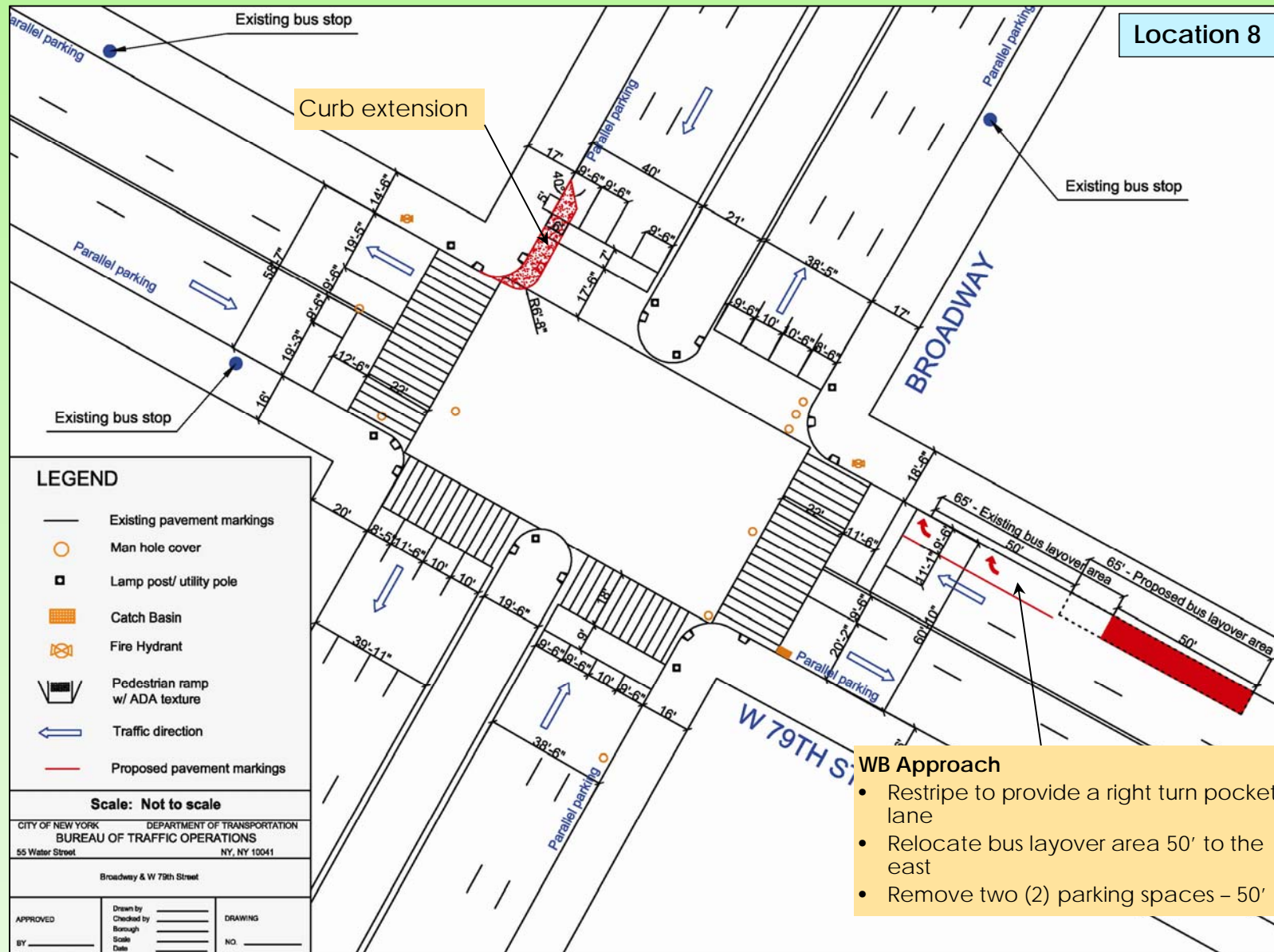
West 79 Street & Broadway - Existing



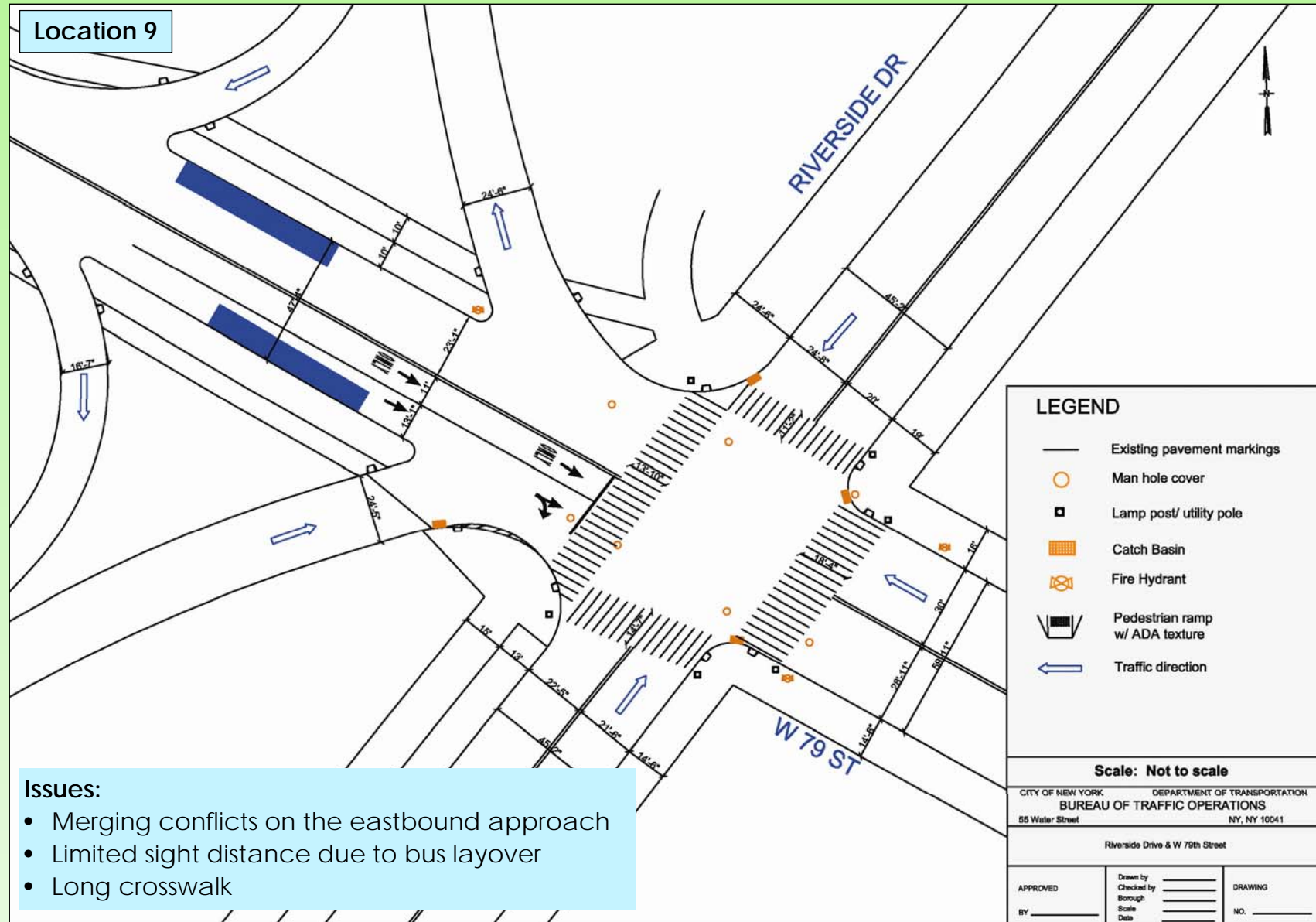
Issues:

- Heavy westbound right turn volumes
- Pedestrian safety

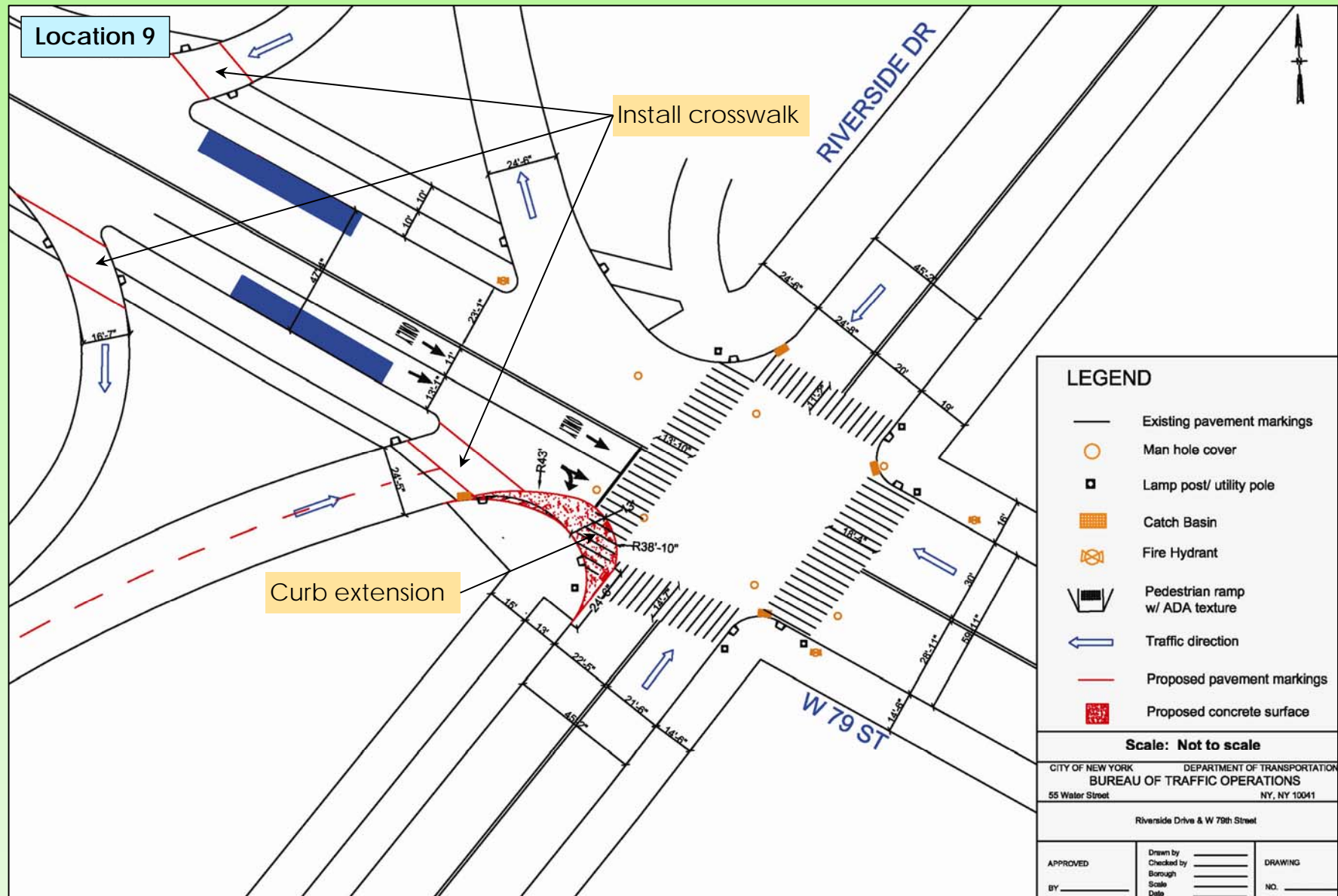
West 79 Street & Broadway - Proposed



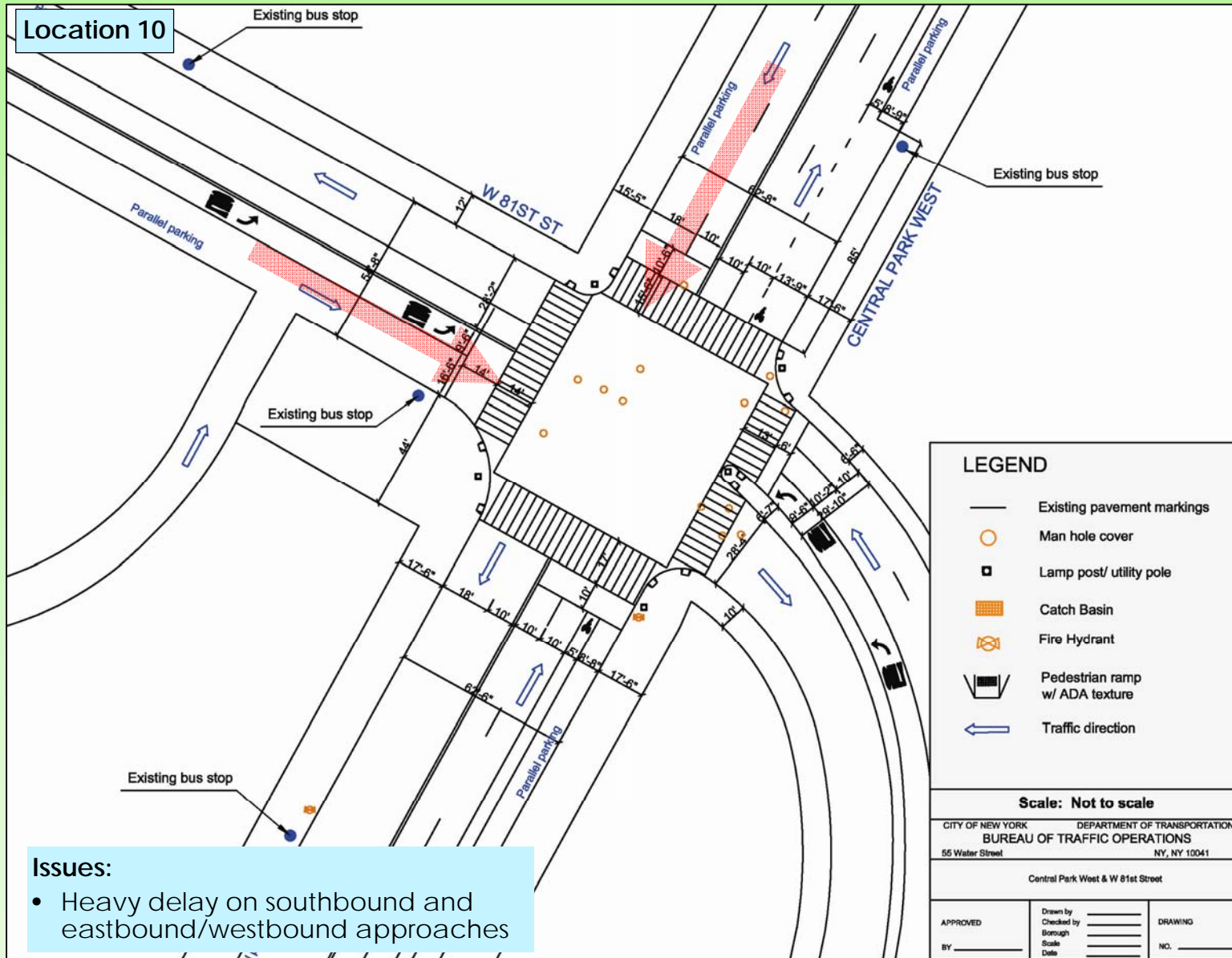
West 79 Street & Riverside Drive - Existing



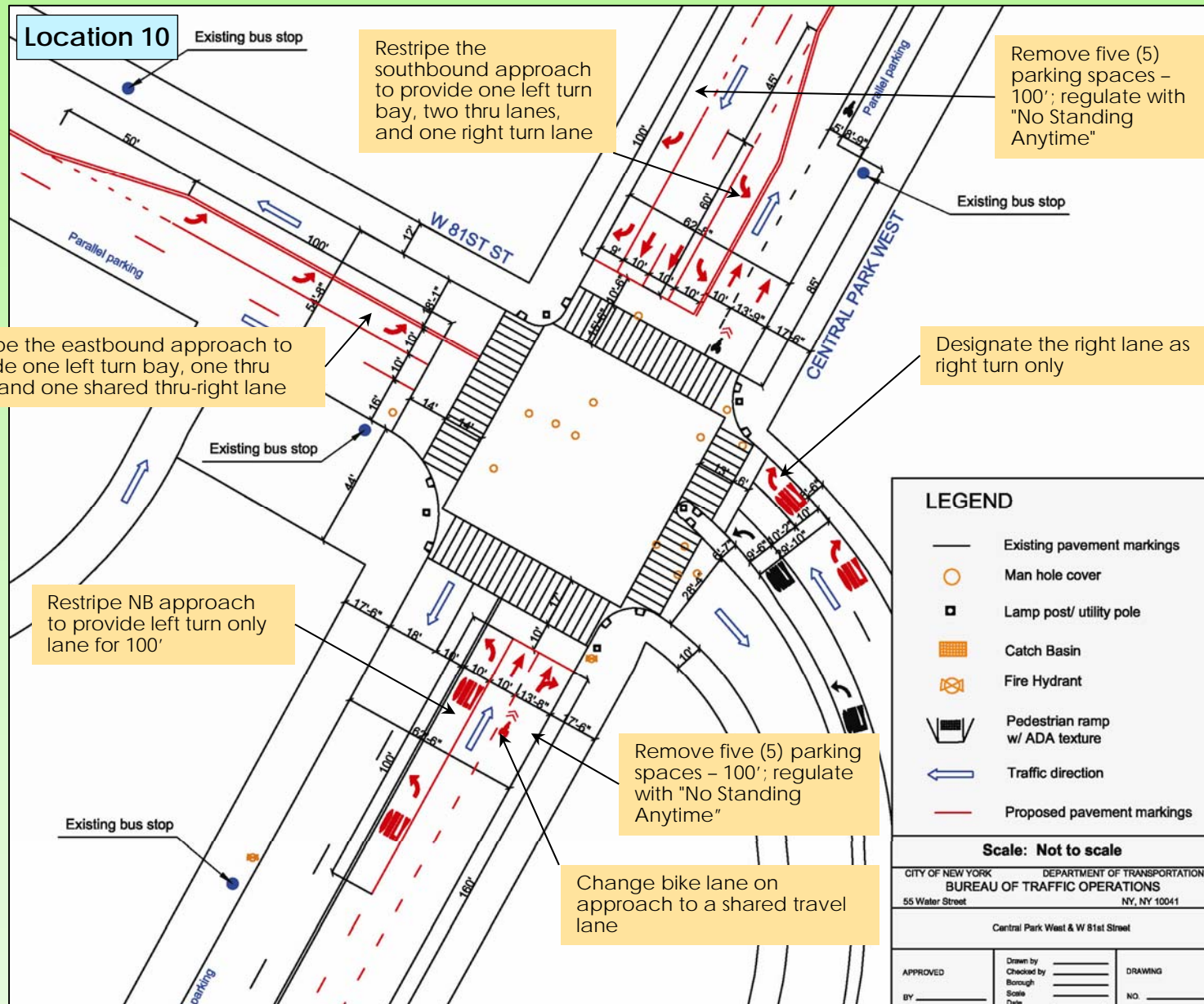
West 79 St & Riverside Drive - Proposed



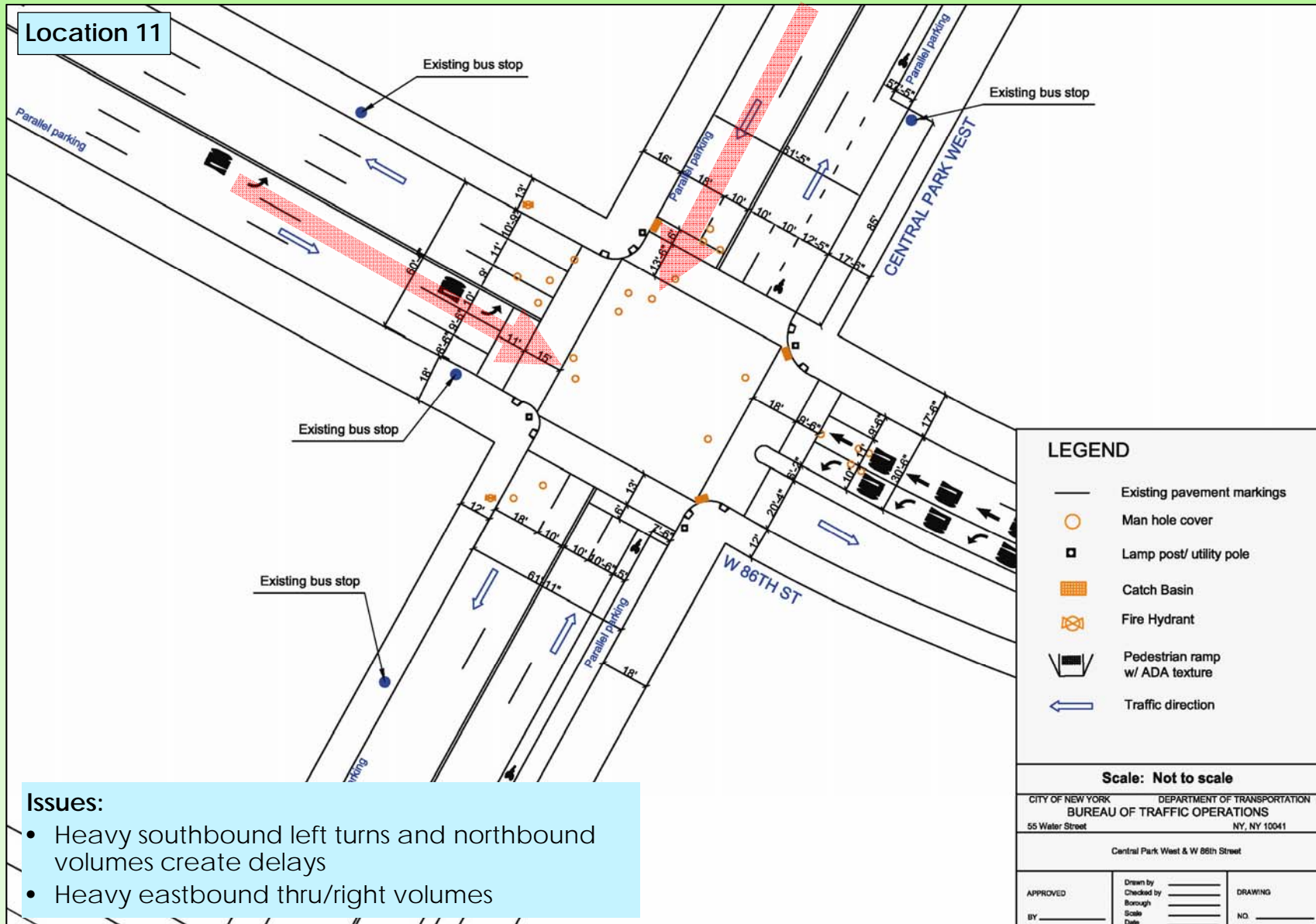
West 81 Street & Central Park West - Existing



West 81 Street & Central Park West – Proposed

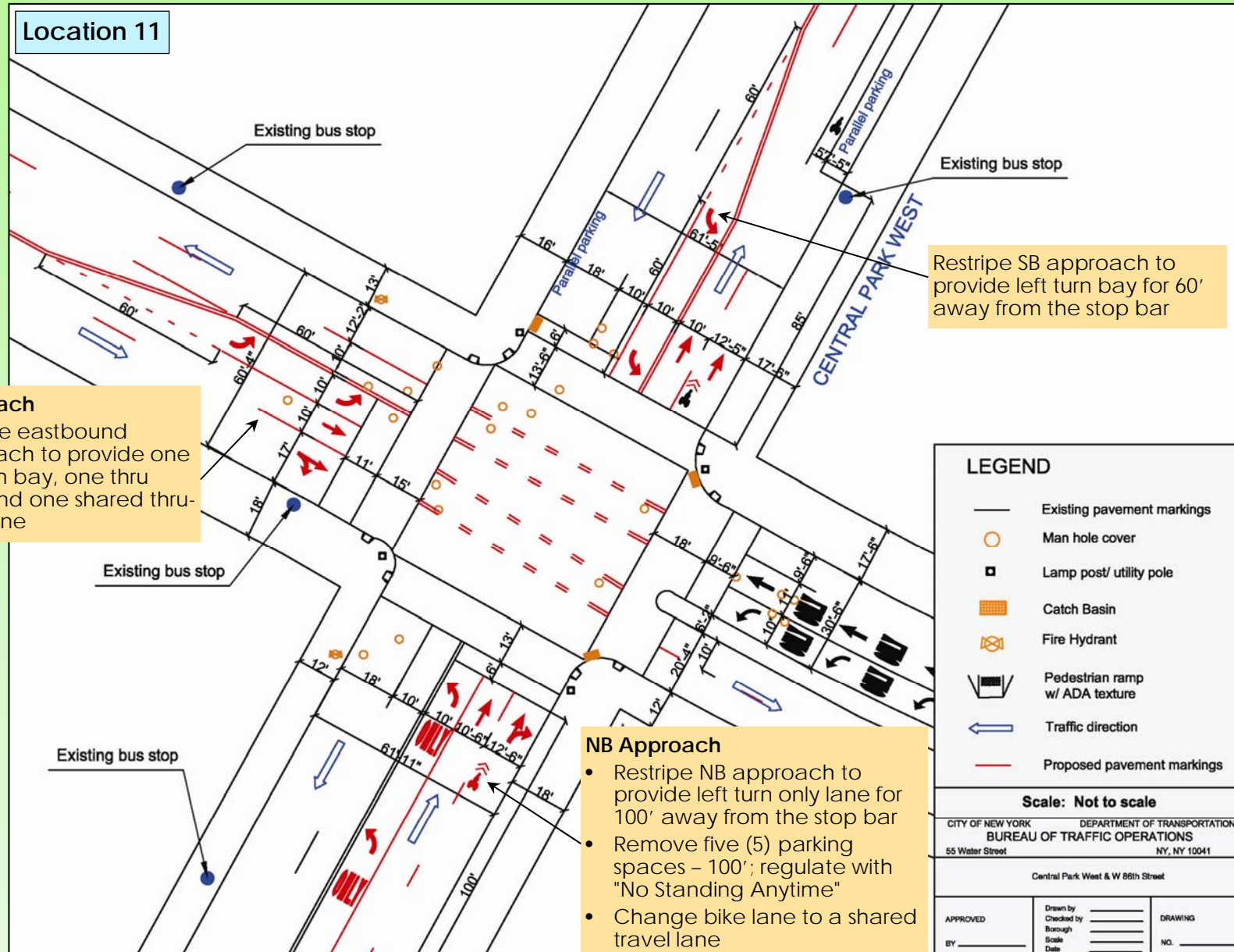


West 86 Street & Central Park West - Existing

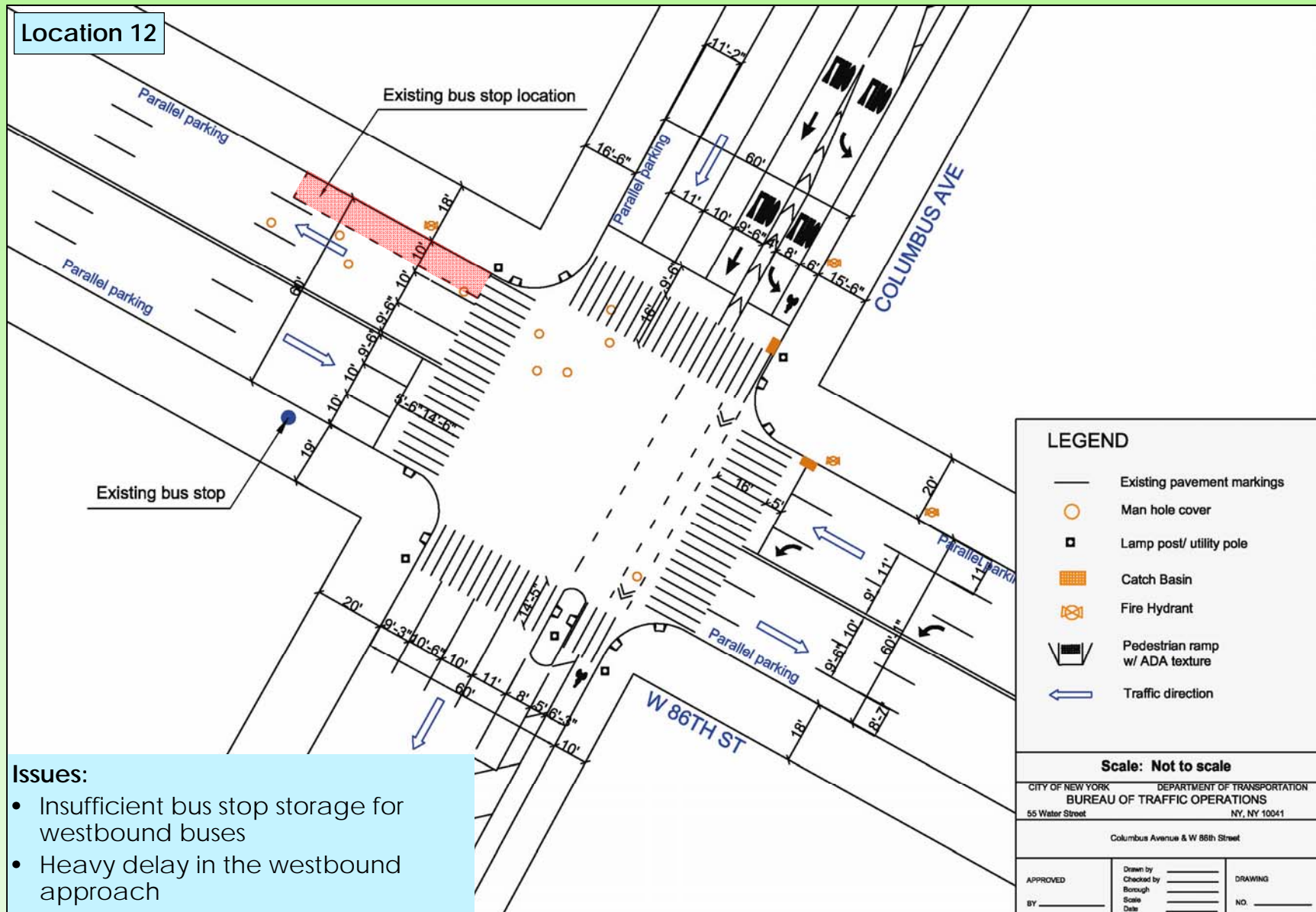


West 86 Street & Central Park West - Proposed

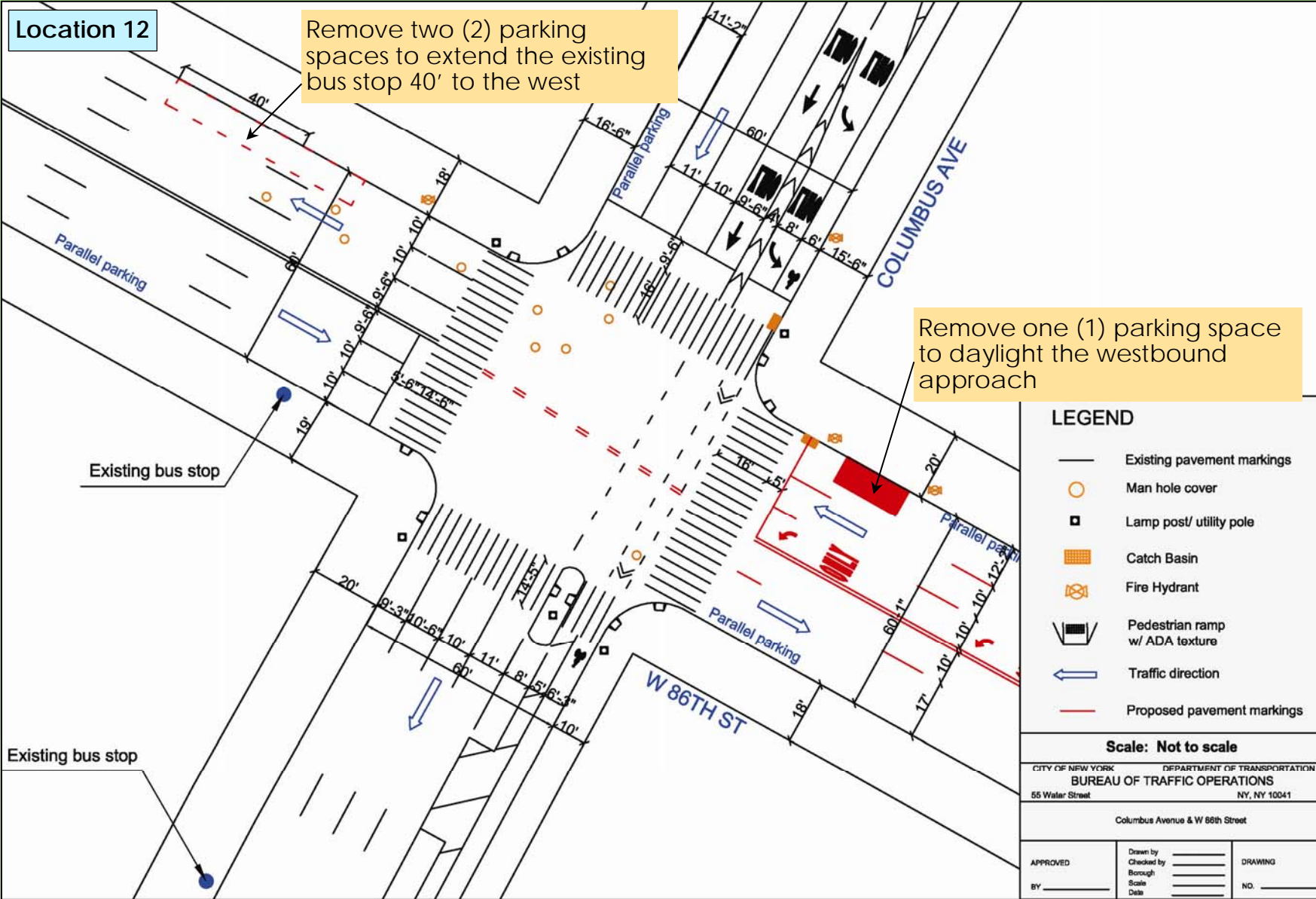
Location 11



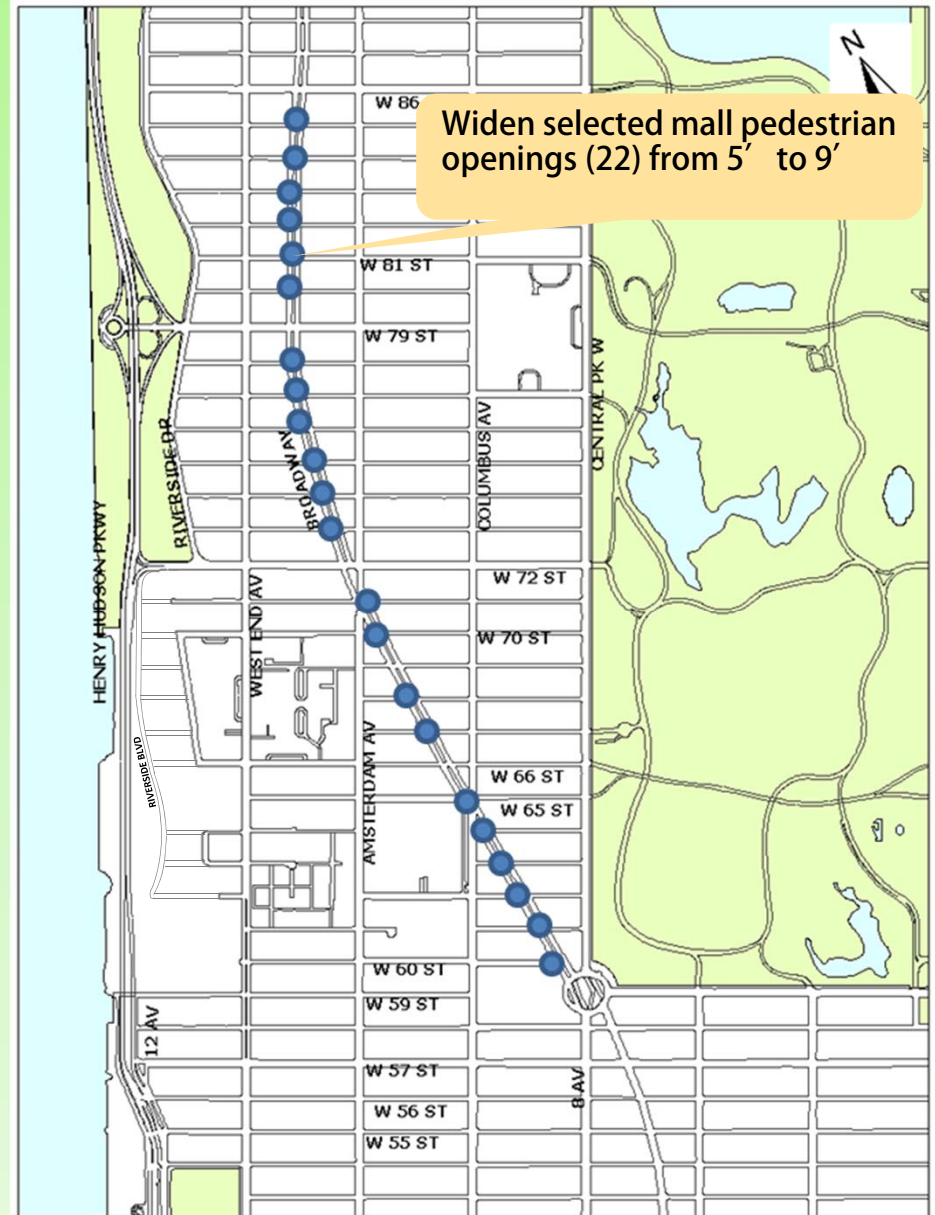
West 86 Street & Columbus Avenue- Existing



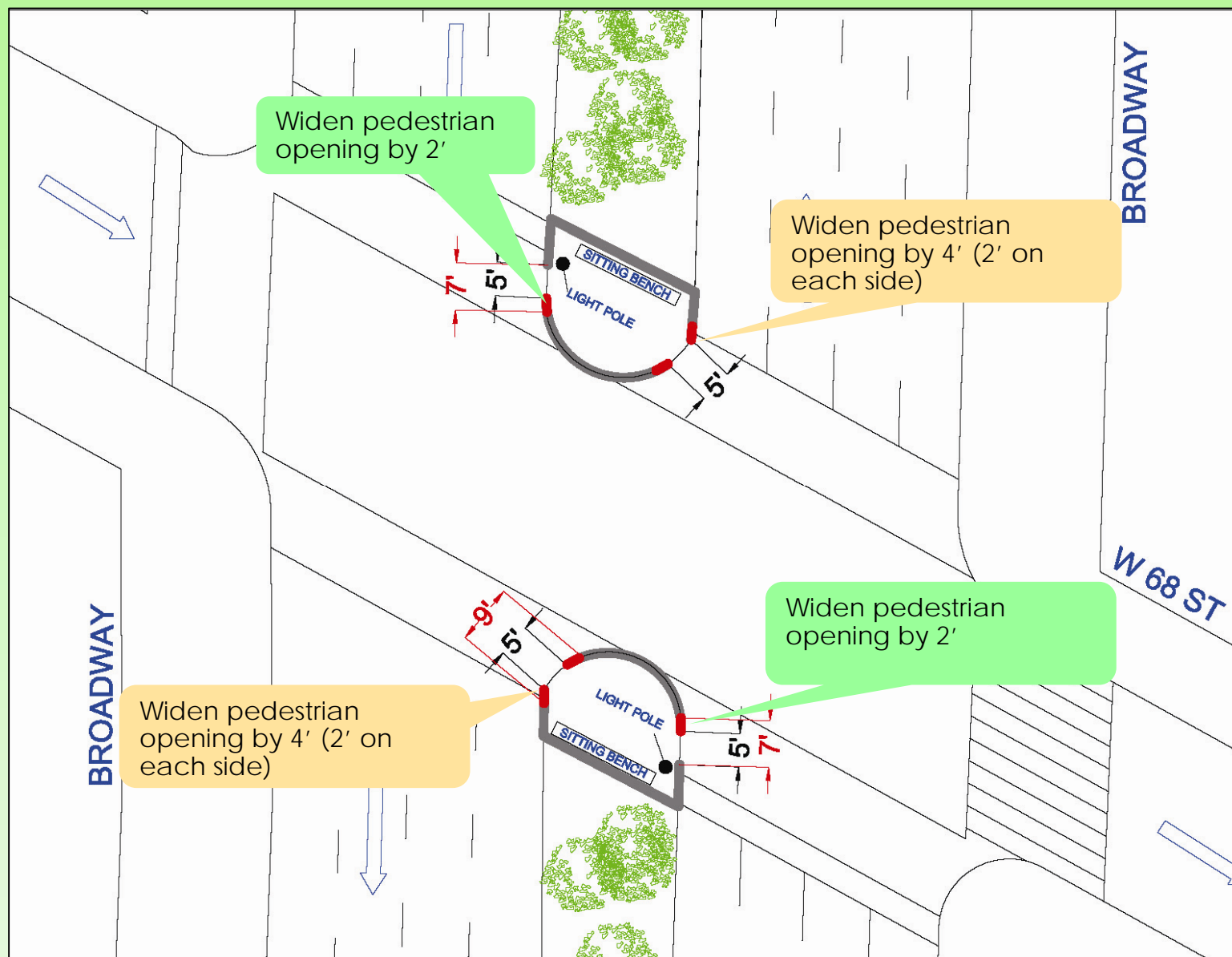
West 86 Street & Columbus Avenue - Proposed



Broadway Mall Tips



Broadway Mall Tips - Proposed



Parking

Truck Loading/Unloading



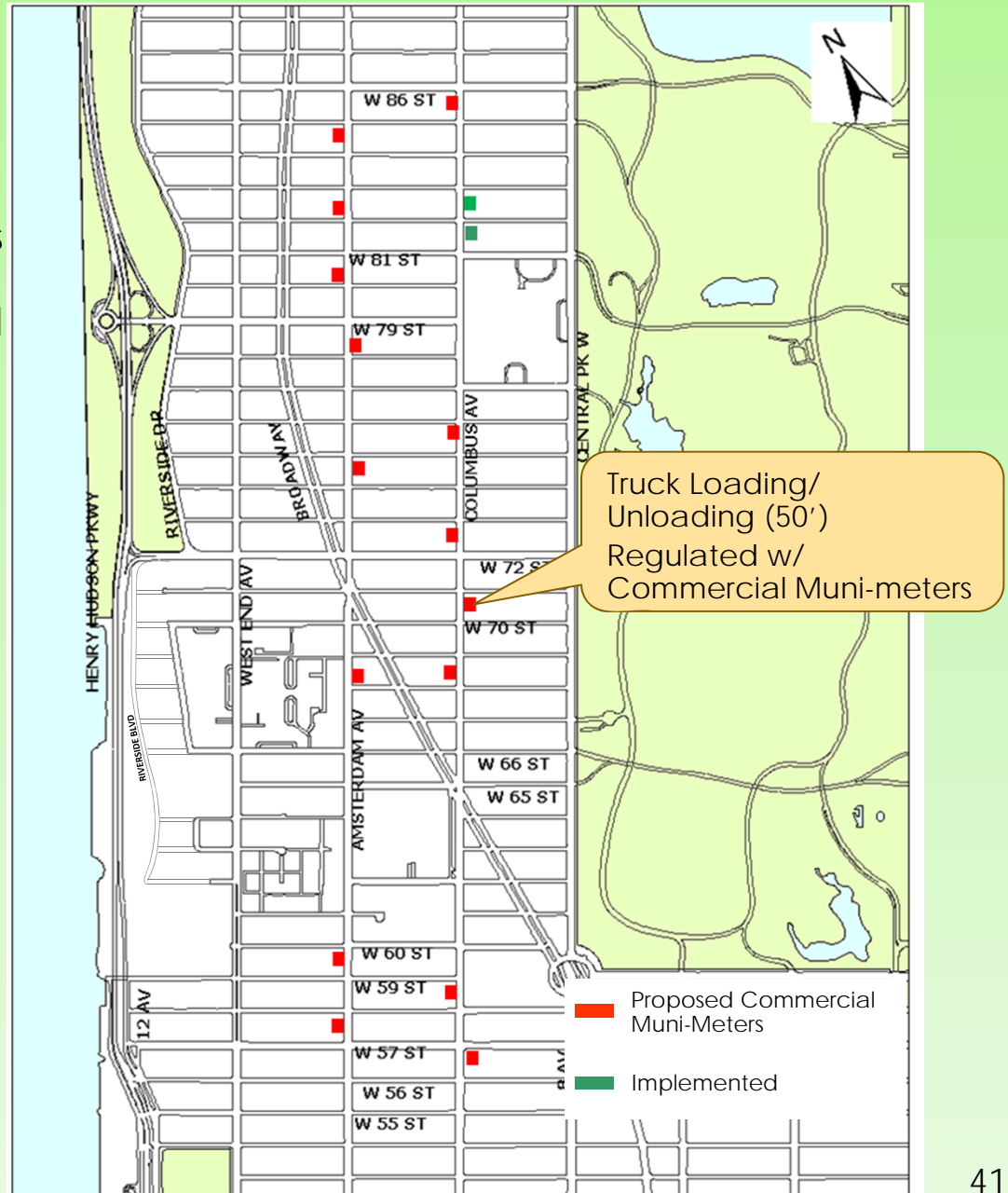
Amsterdam & Columbus Aves



Commercial Parking - Proposed

Truck Loading/Unloading Zones

- Columbus & Amsterdam Avenues between West 55th and West 86th Streets (Subject to community board approval)



Next Steps

- ☐ Incorporate comments into Final Report
- ☐ Detail Implementation Plan
- ☐ Refer plans for implementation to CB Transportation Committee for concurrence
- ☐ Schedule Implementation
- ☐ Monitor operation

Thank you!