

# West Side Manhattan Transportation Study Future Conditions & Recommendations



**Public Meeting #3**

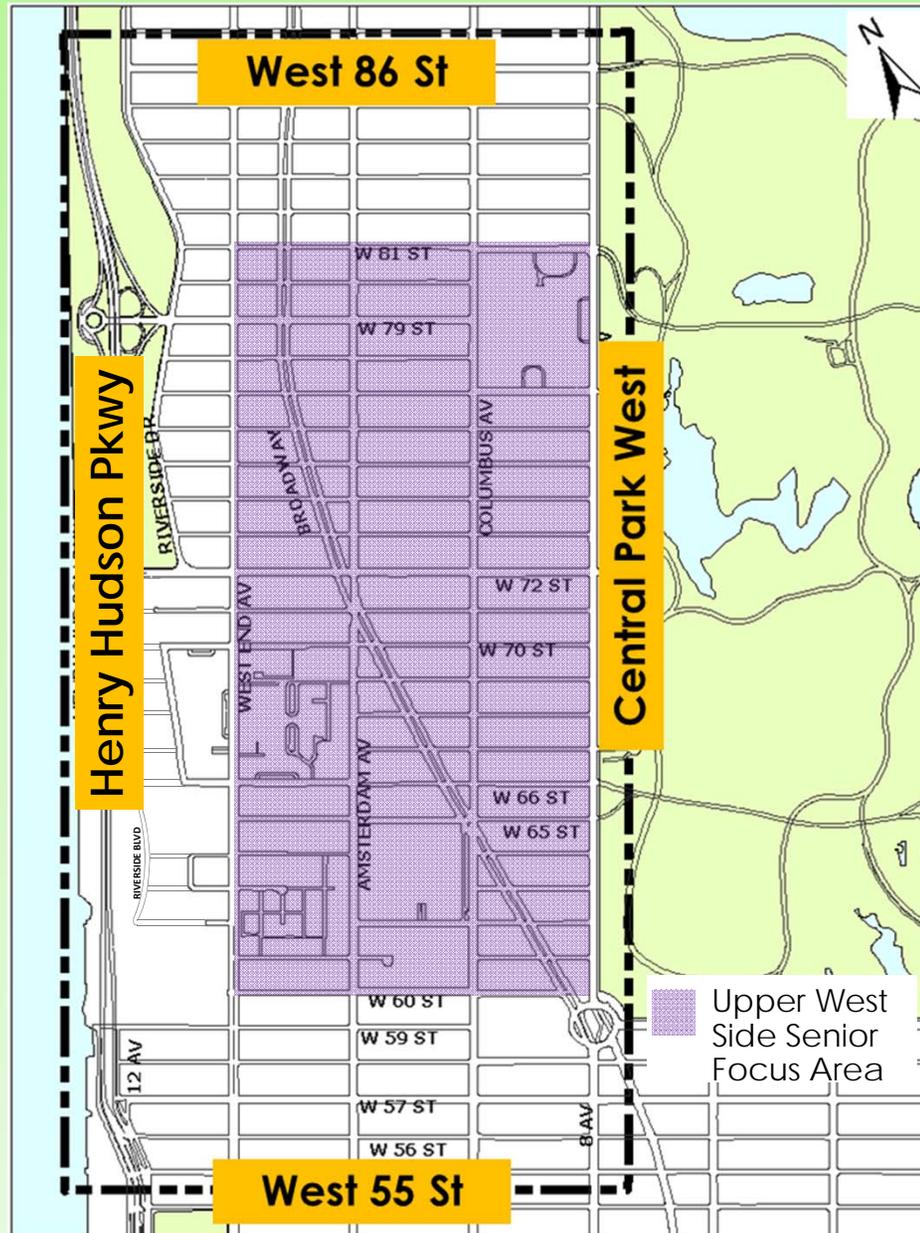
**April 25, 2012**

Commissioner Janette Sadik-Khan New York City Department of Transportation



Janette Sadik-Khan  
Commissioner

# Study Area



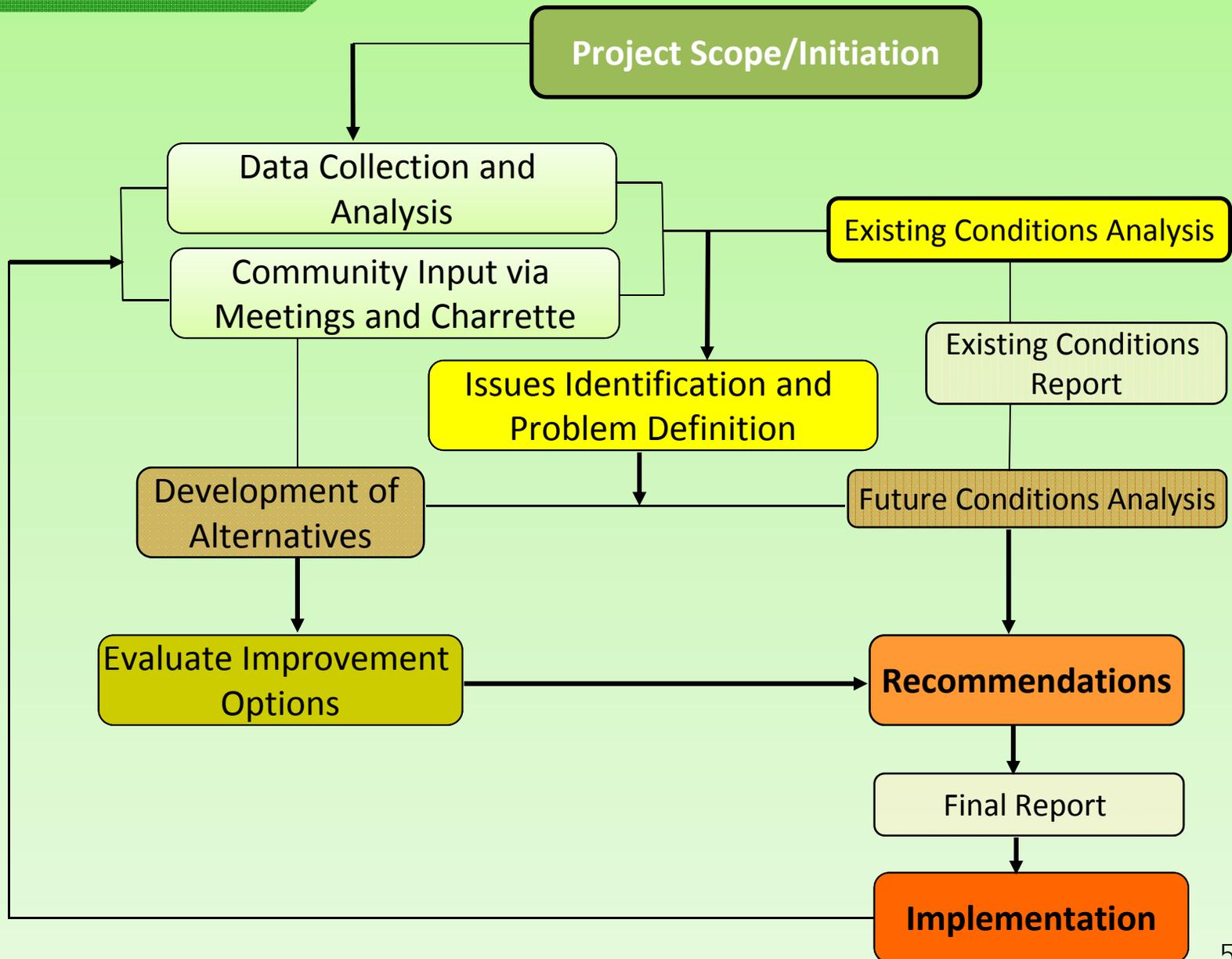
## Study Goals

- ❑ 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

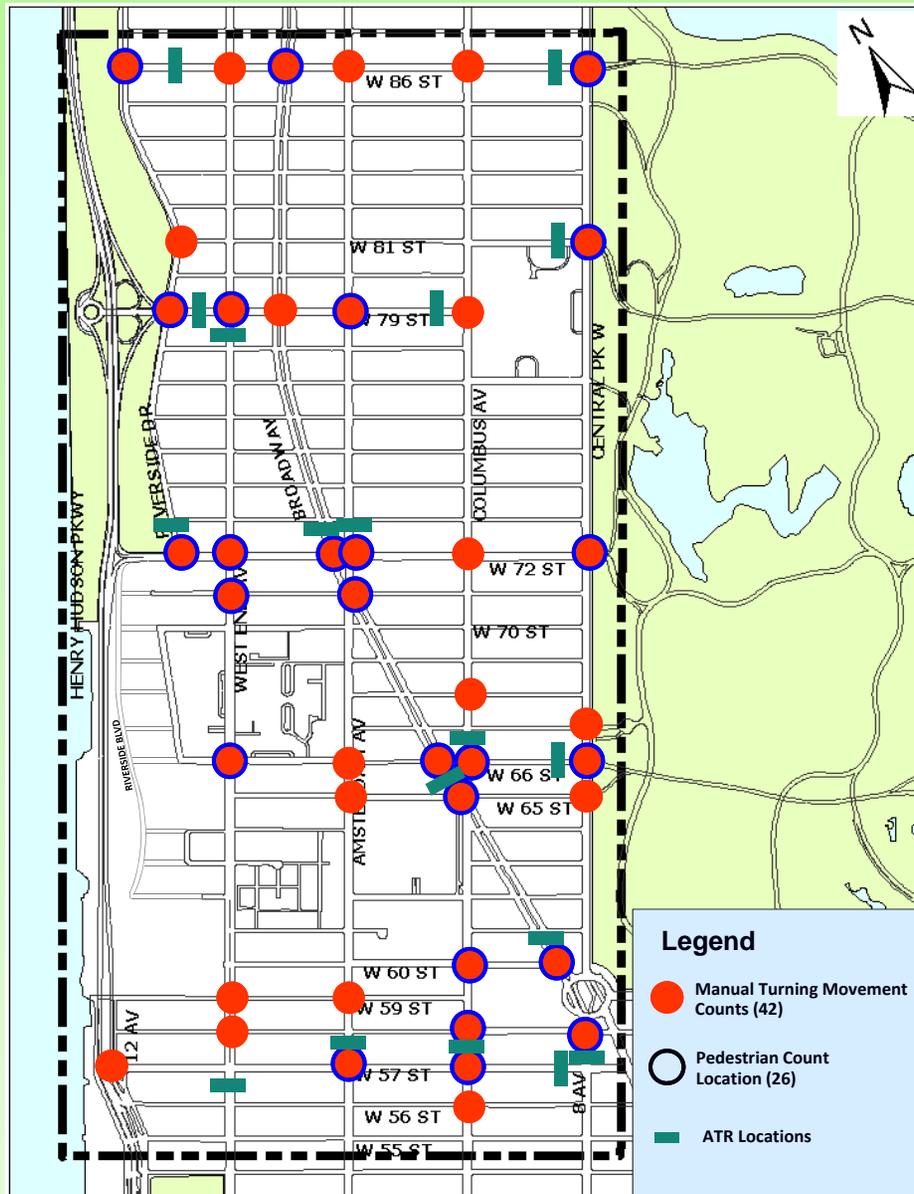
## Formats:

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

## Community Issues:

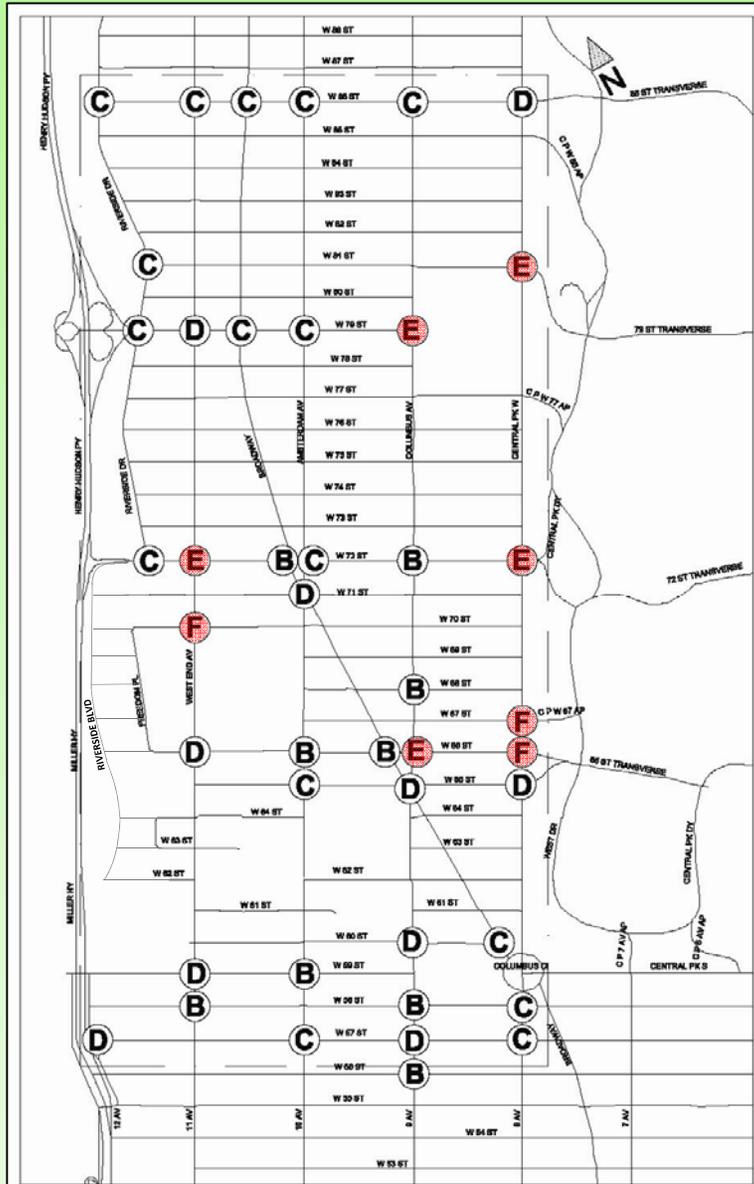
- Pedestrian Safety
- Double Parking
- Congestion
- Enforcement
- Truck Traffic

# 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

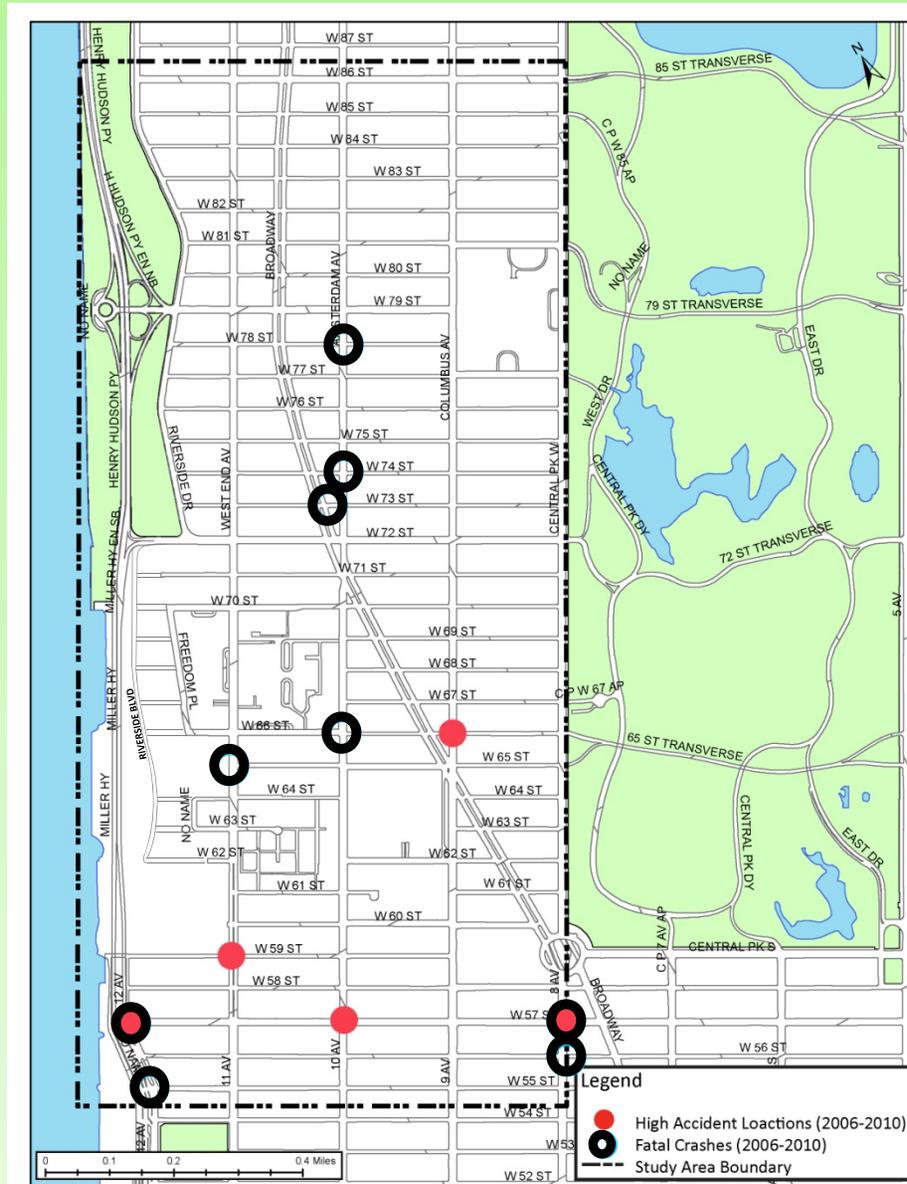
# Traffic Analysis Results (PM) - LOS



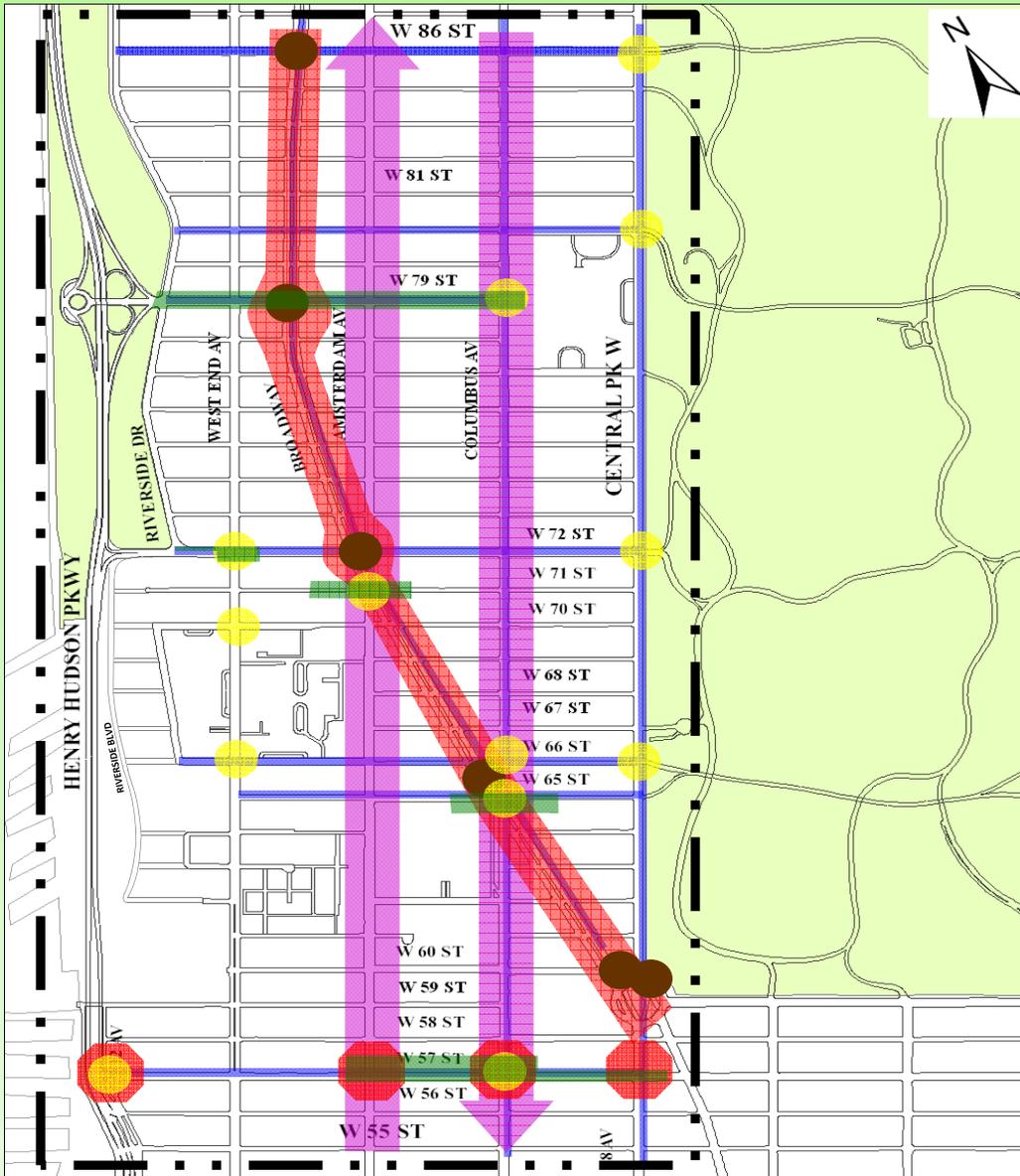
## Intersection LOS

- A (0 location)
- B (9 locations)
- C (16 locations)
- D (10 locations)
- E (4 locations)
- F (3 locations)

# 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

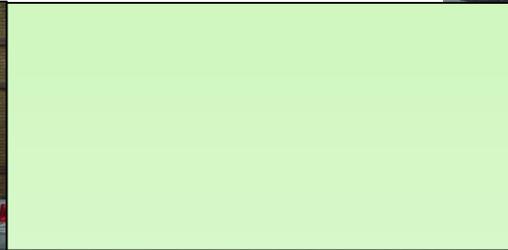


Broadway/West 71 St/Amsterdam Ave looking north

Painted median extension



West End Ave/West 75 St - neckdown



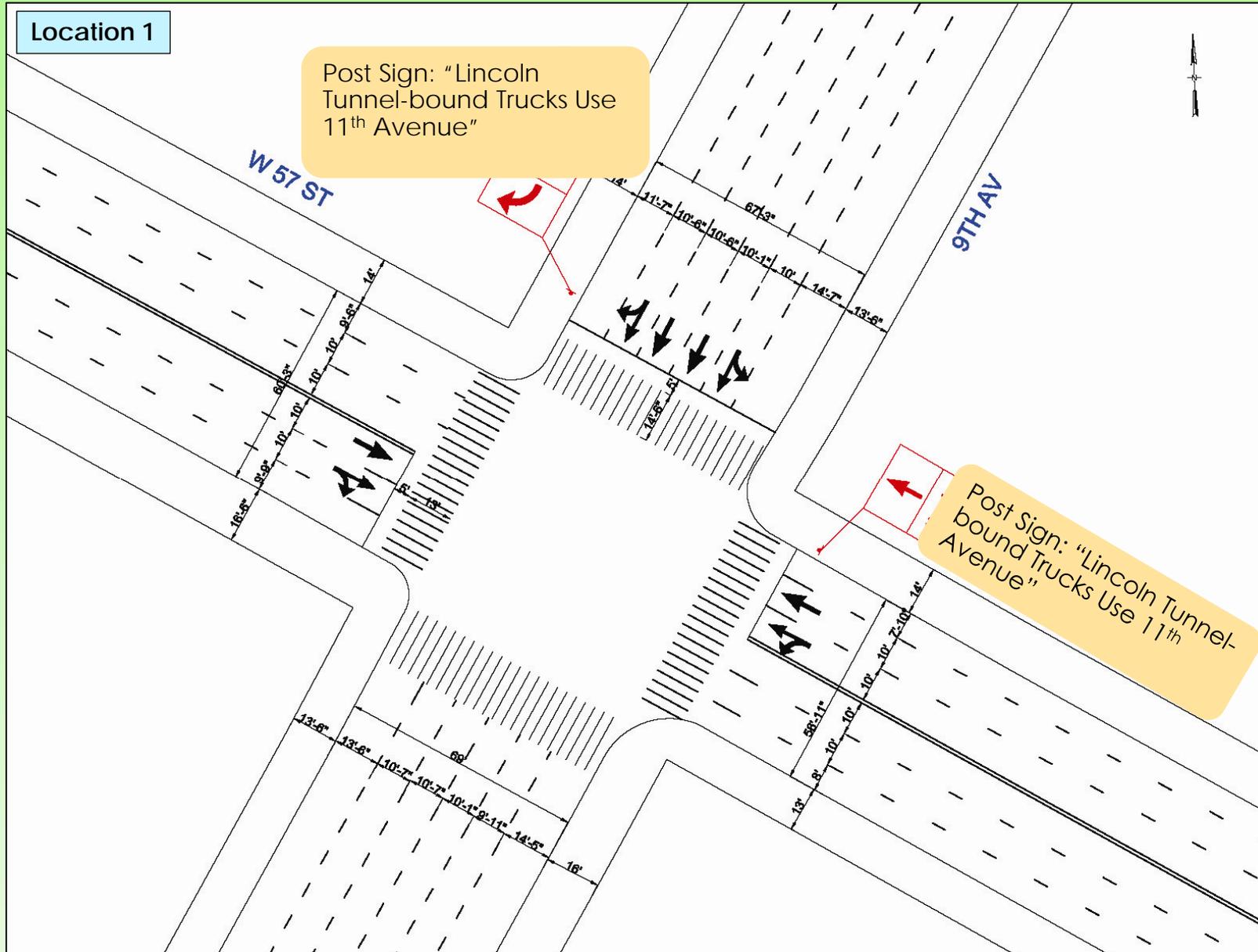
West 66 St/West End Ave - Pedestrian refuge

- Redesign Broadway/ West 71<sup>st</sup> St/Amsterdam Ave intersection
- Pedestrian refuge - West 66 St/West End Ave and West 61<sup>st</sup> 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

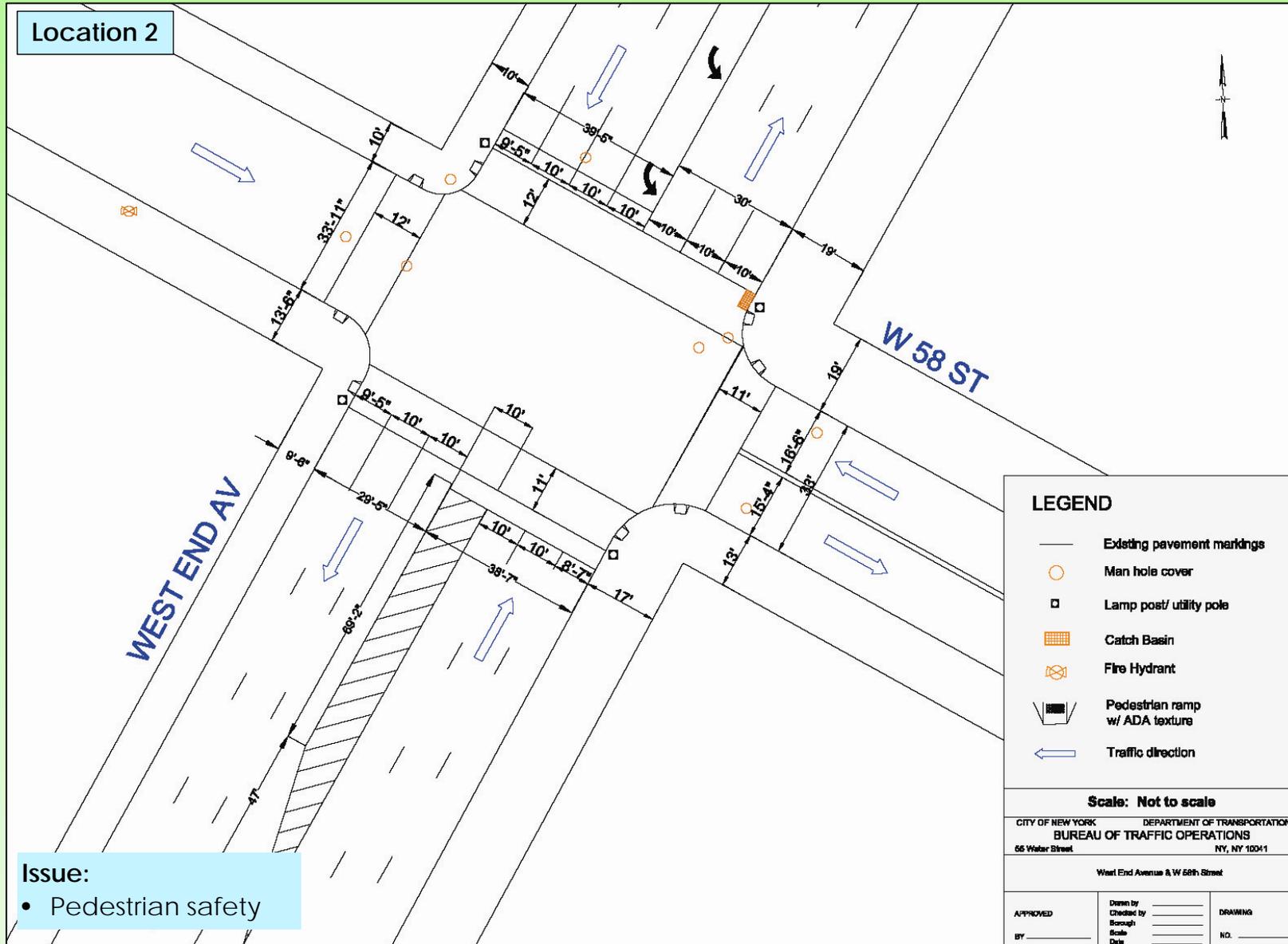
# Major Improvements



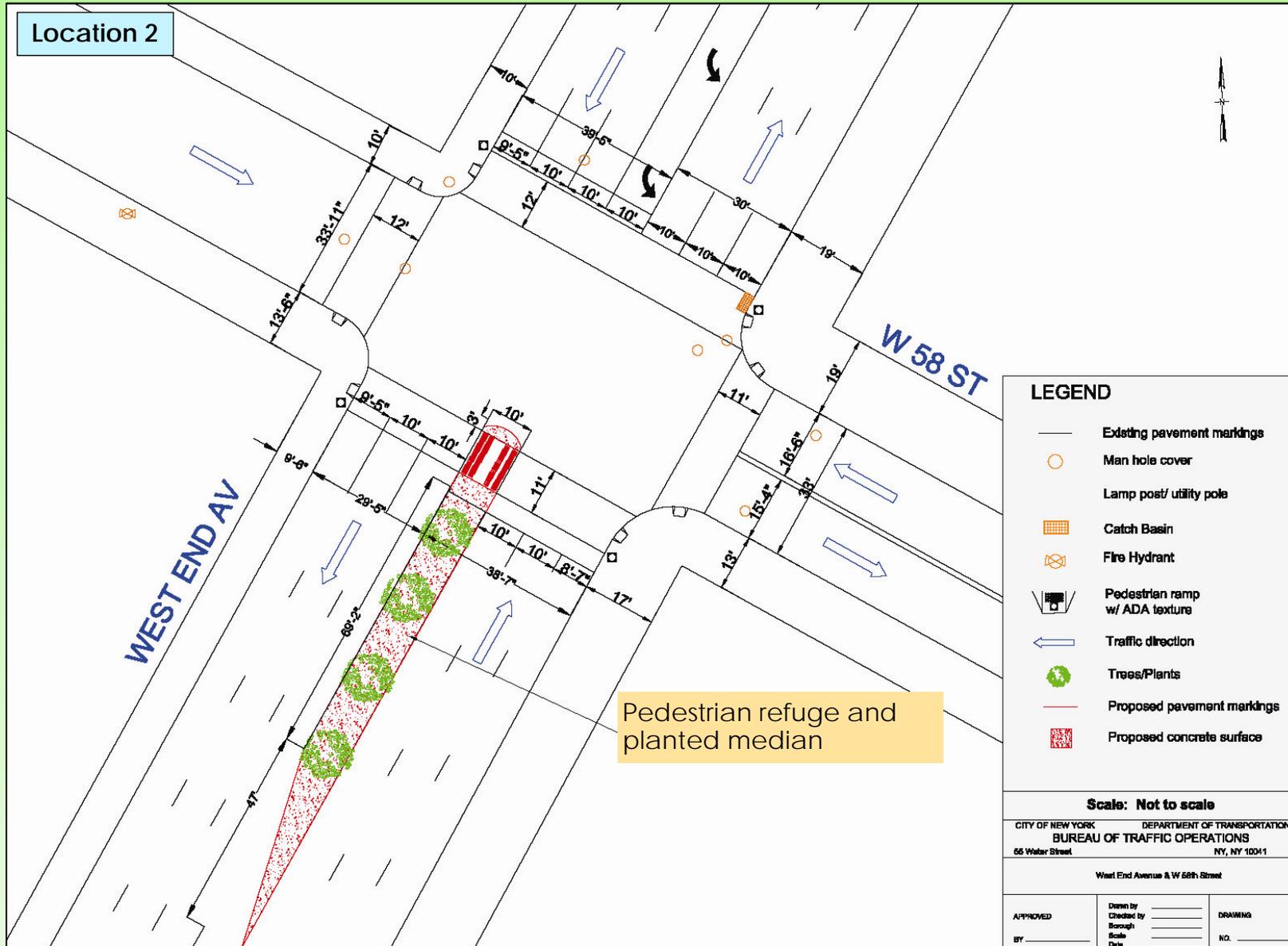
# Truck Advisory – West 57<sup>th</sup> St/Ninth Ave - Proposed



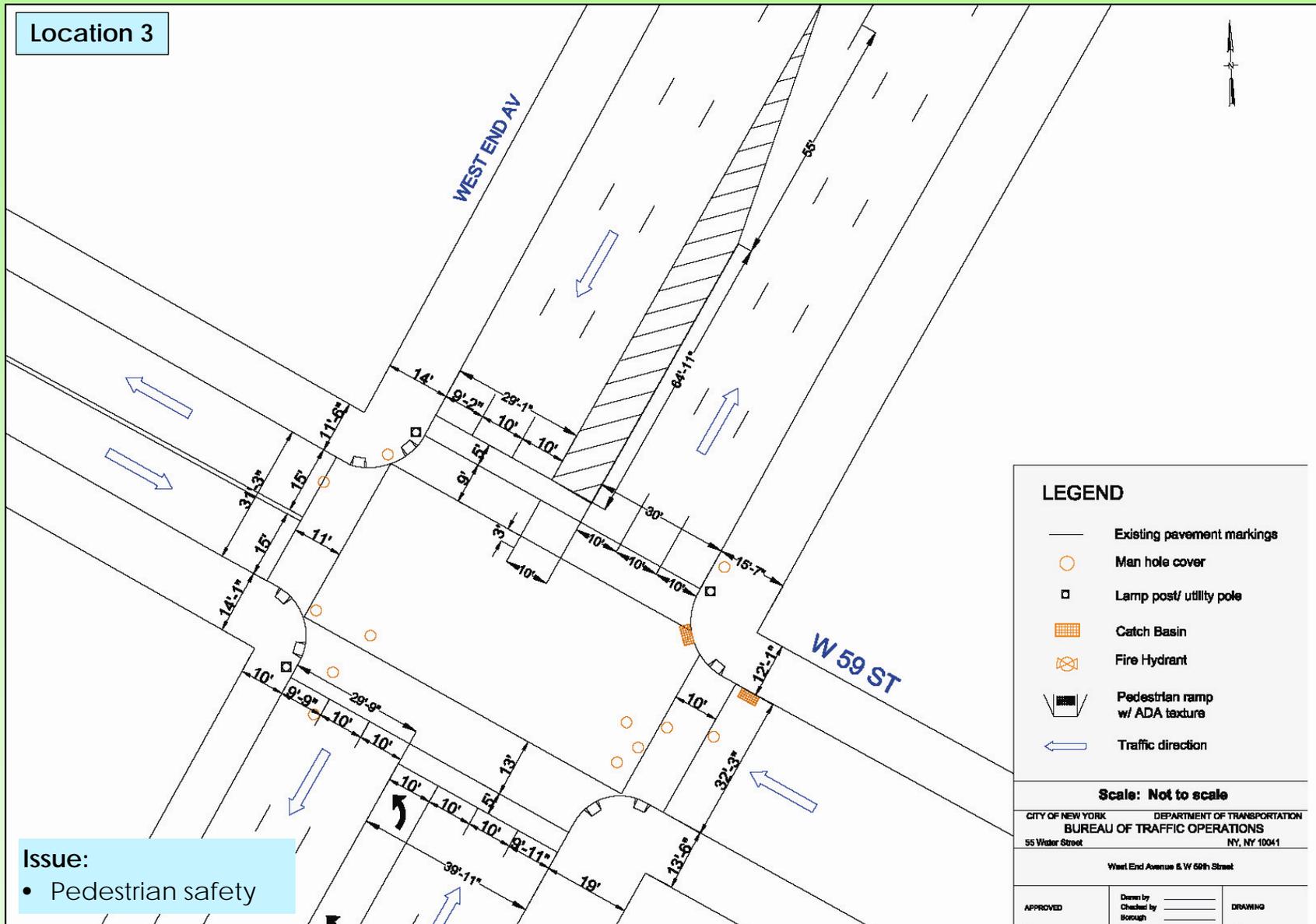
# West 58 Street & West End Avenue - Existing



# West 58 Street & West End Avenue - Proposed



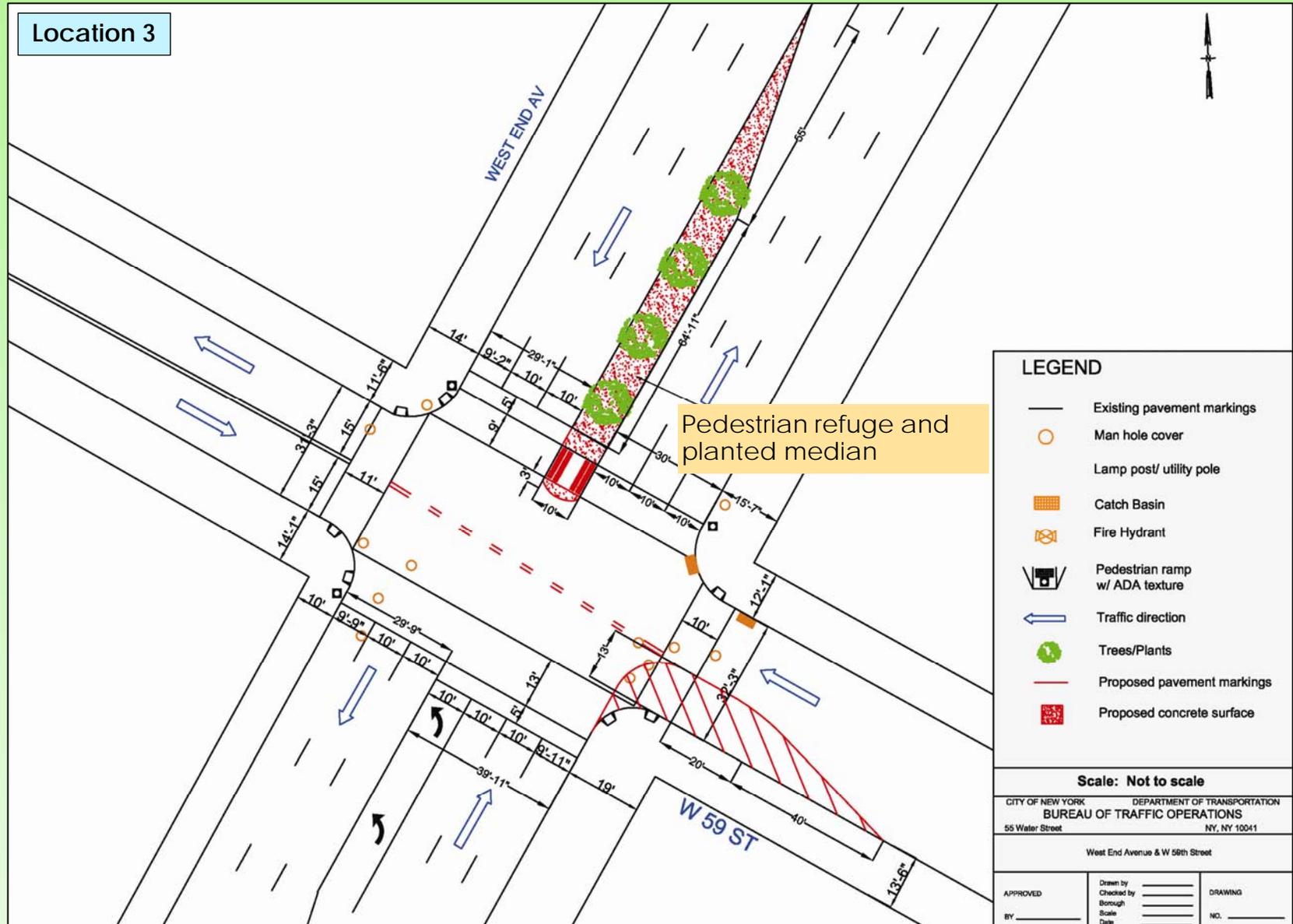
# West 59 Street & West End Avenue - Existing



**Issue:**

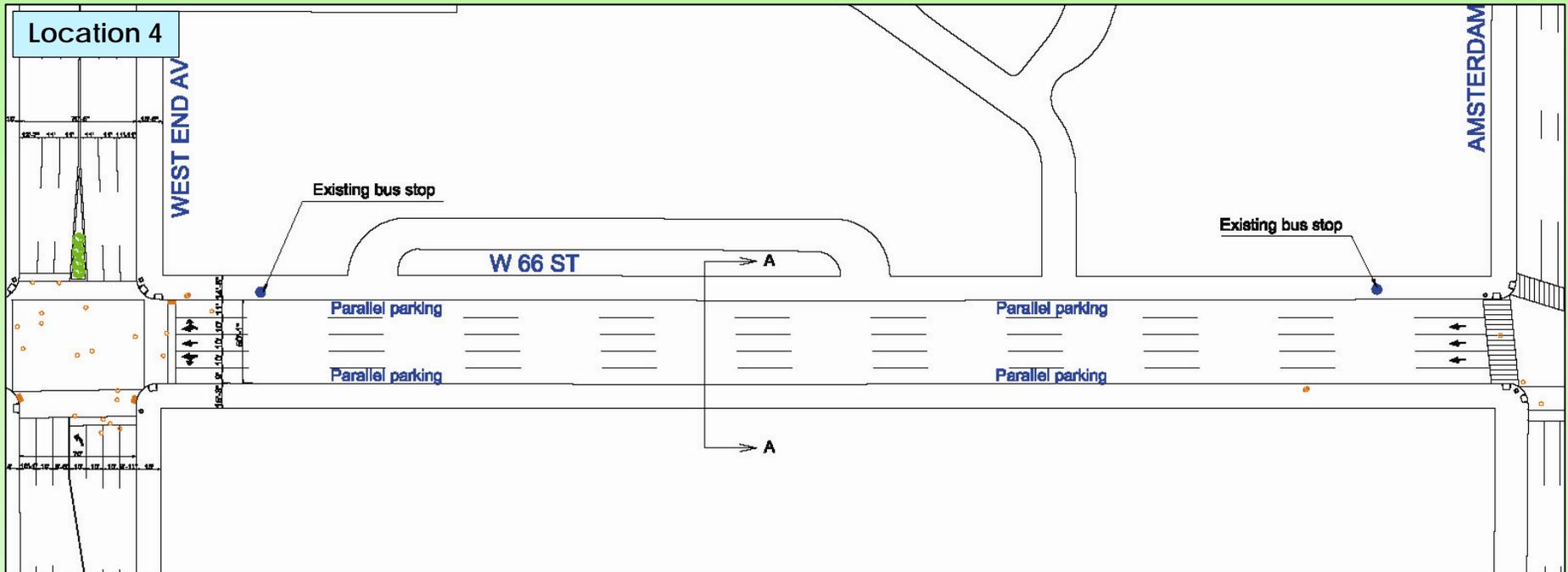
- Pedestrian safety

# West 59 Street & West End Avenue - Proposed



# West 66 Street – West End Ave to Amsterdam Ave

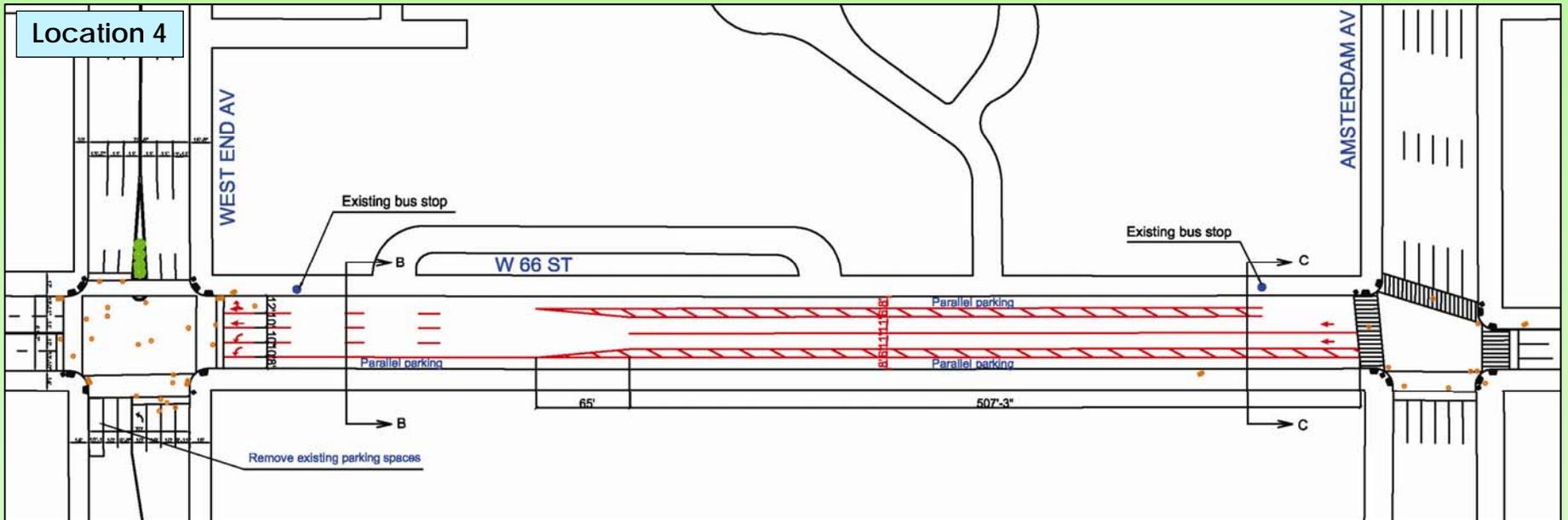
## Existing



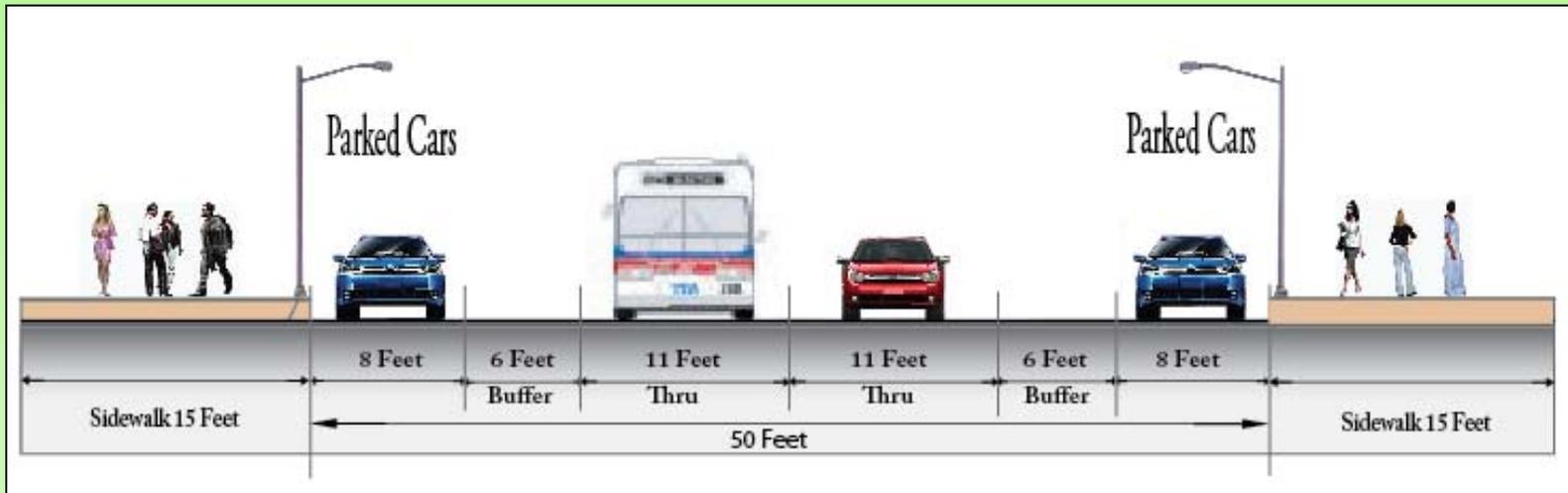
### Issues:

- Observed speeding
- Heavy westbound left turns

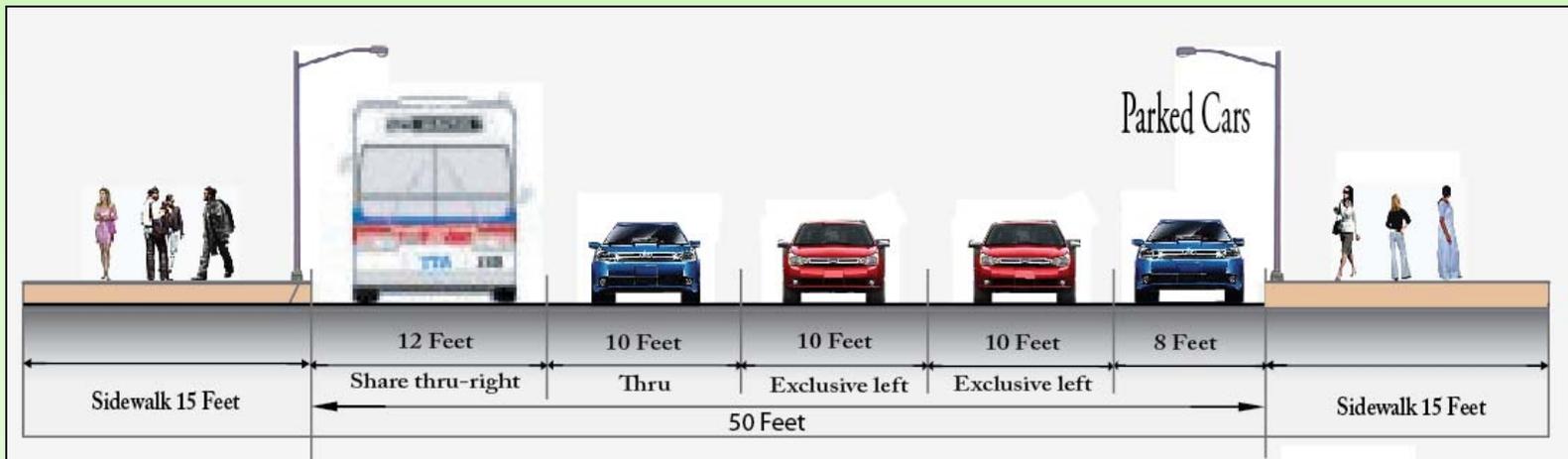
# West 66 Street – West End Ave to Amsterdam Ave Proposed



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

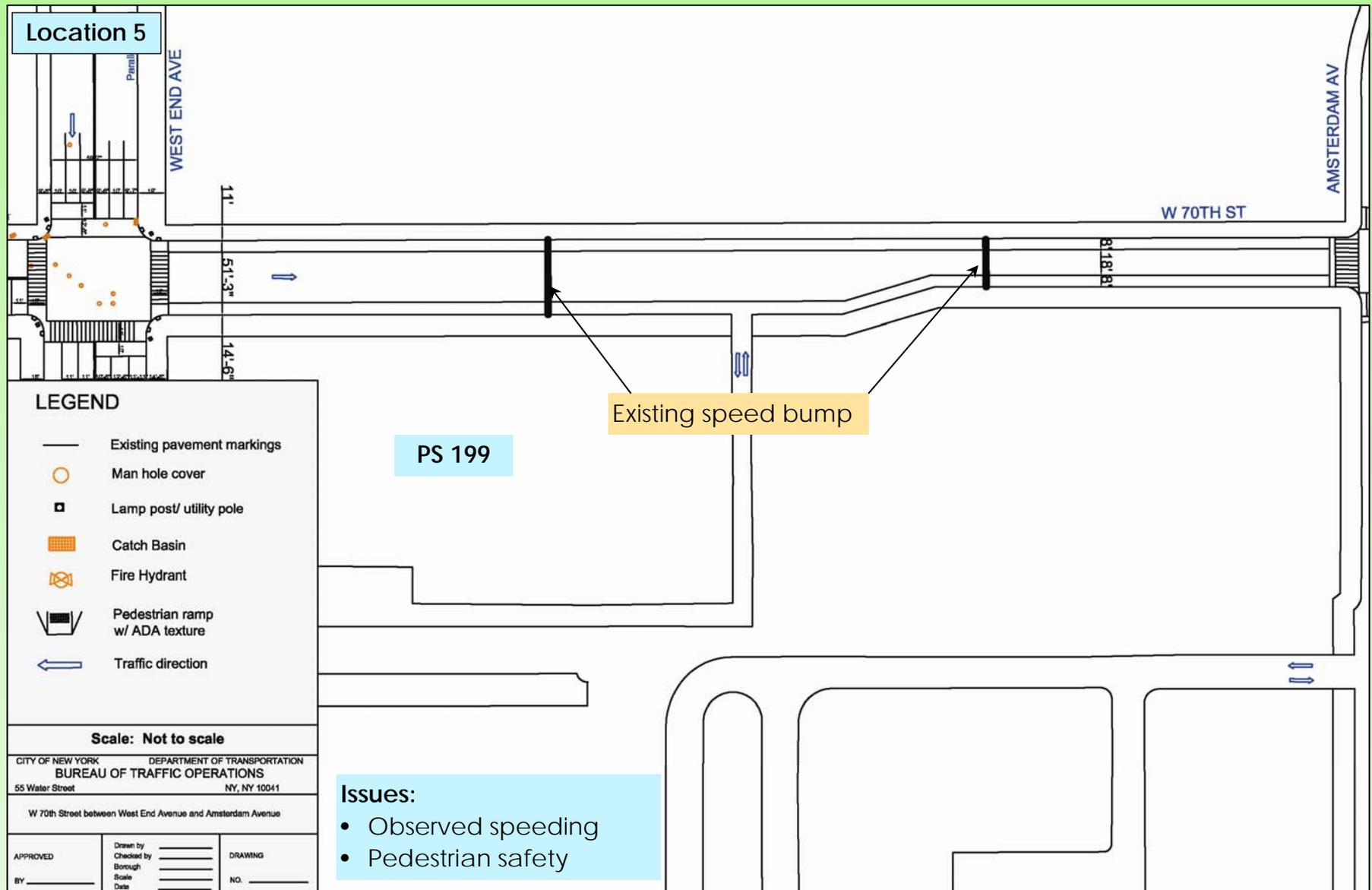


Midblock - West of Amsterdam Avenue (Cross-section C-C)



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

# West 70 Street – West End Ave to Amsterdam Ave Existing



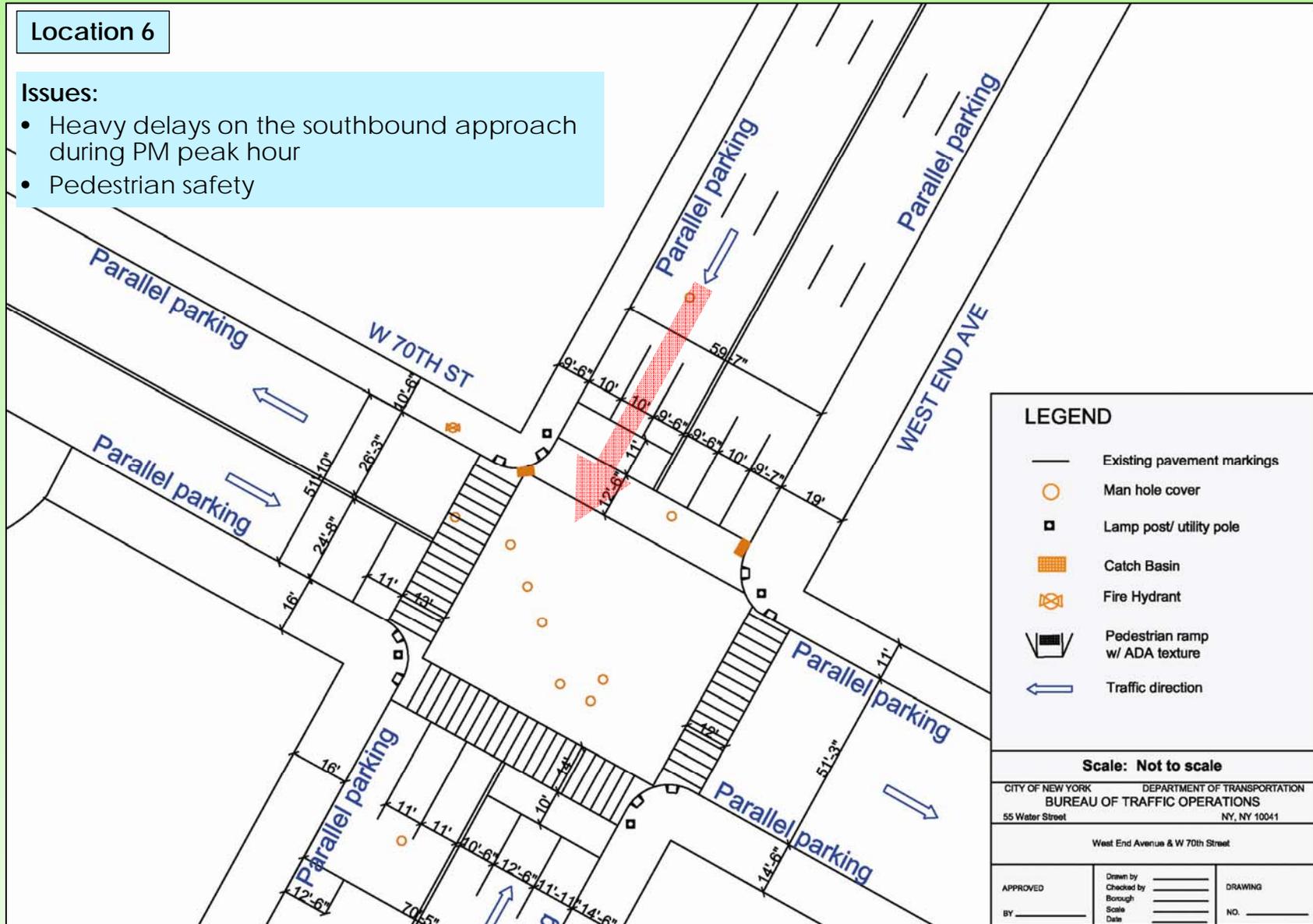


# West 70 Street & West End Avenue - Existing

## Location 6

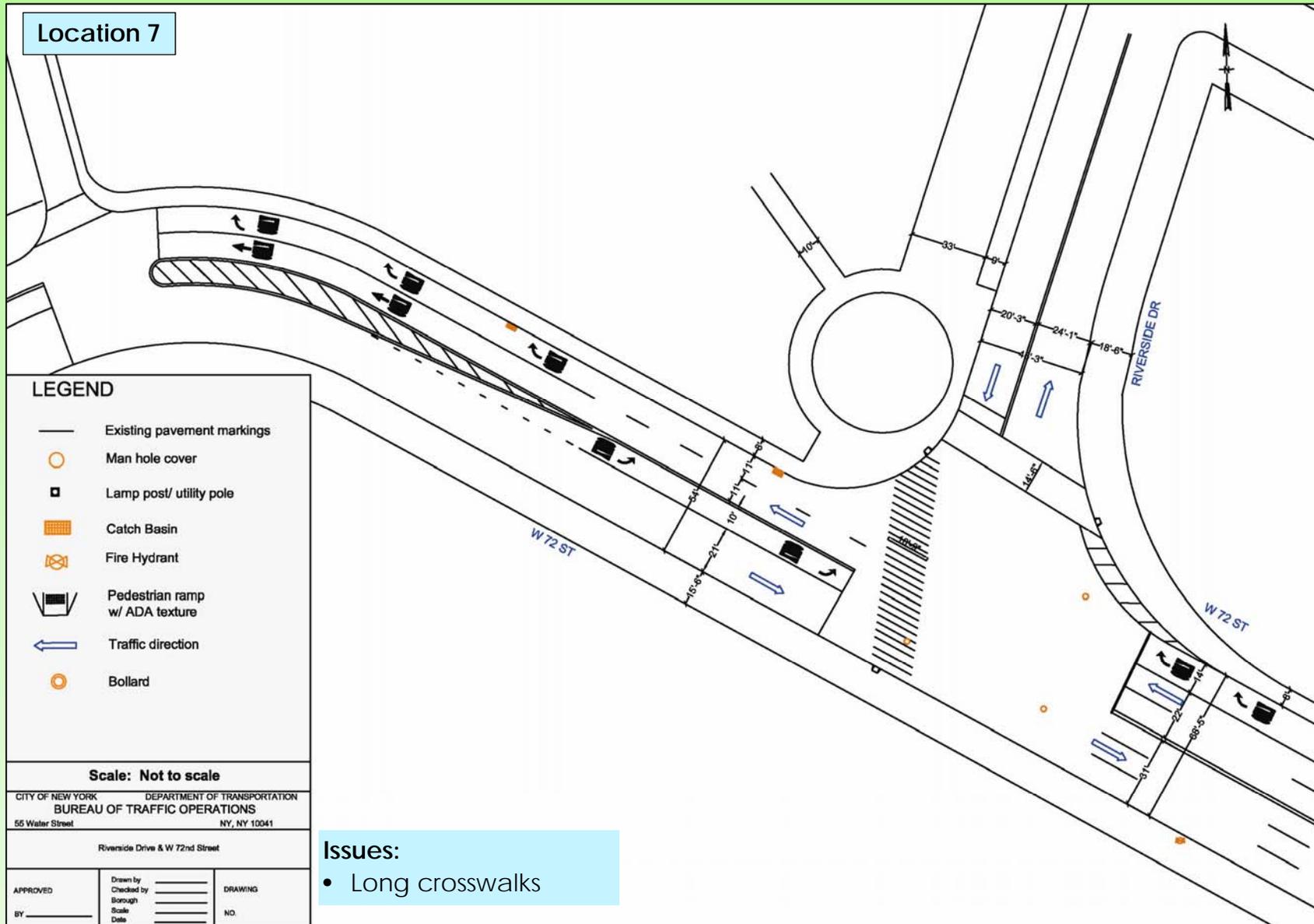
### Issues:

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





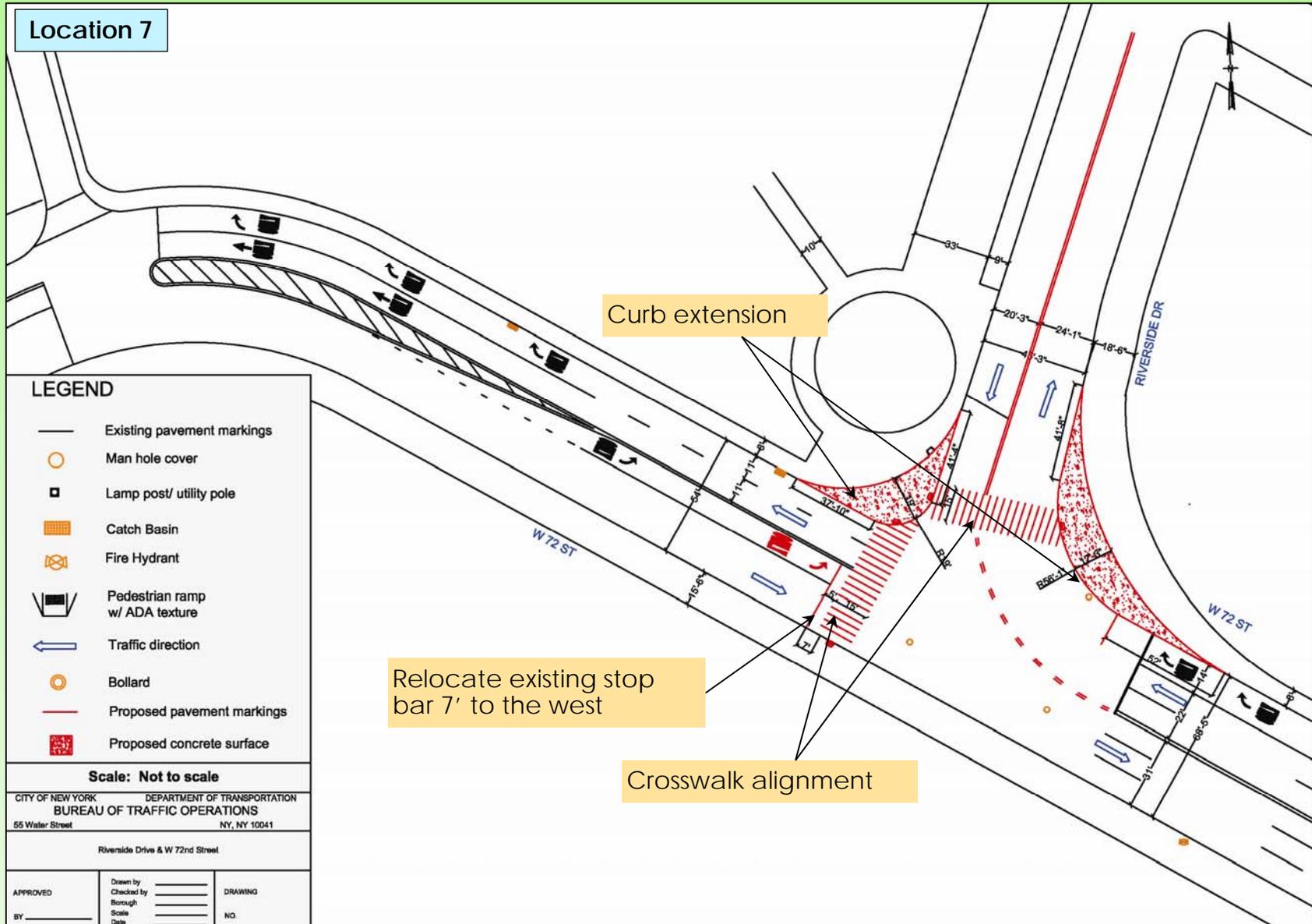
# West 72 Street & Riverside Drive - Existing



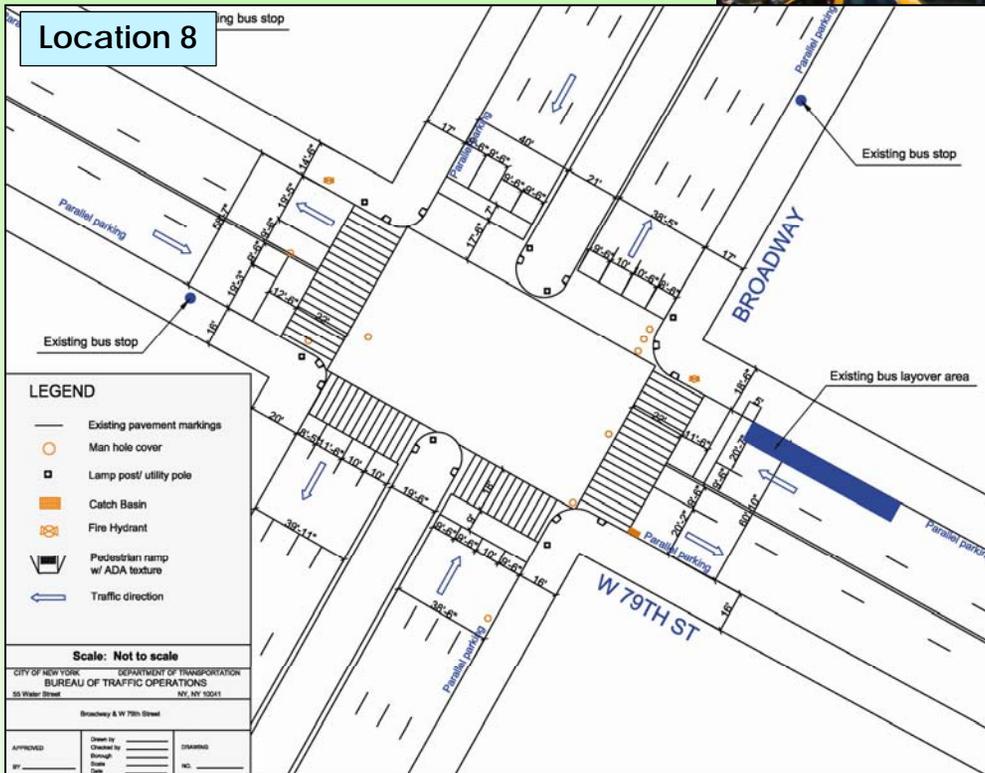
**Issues:**

- Long crosswalks

# West 72 St & Riverside Drive - Proposed



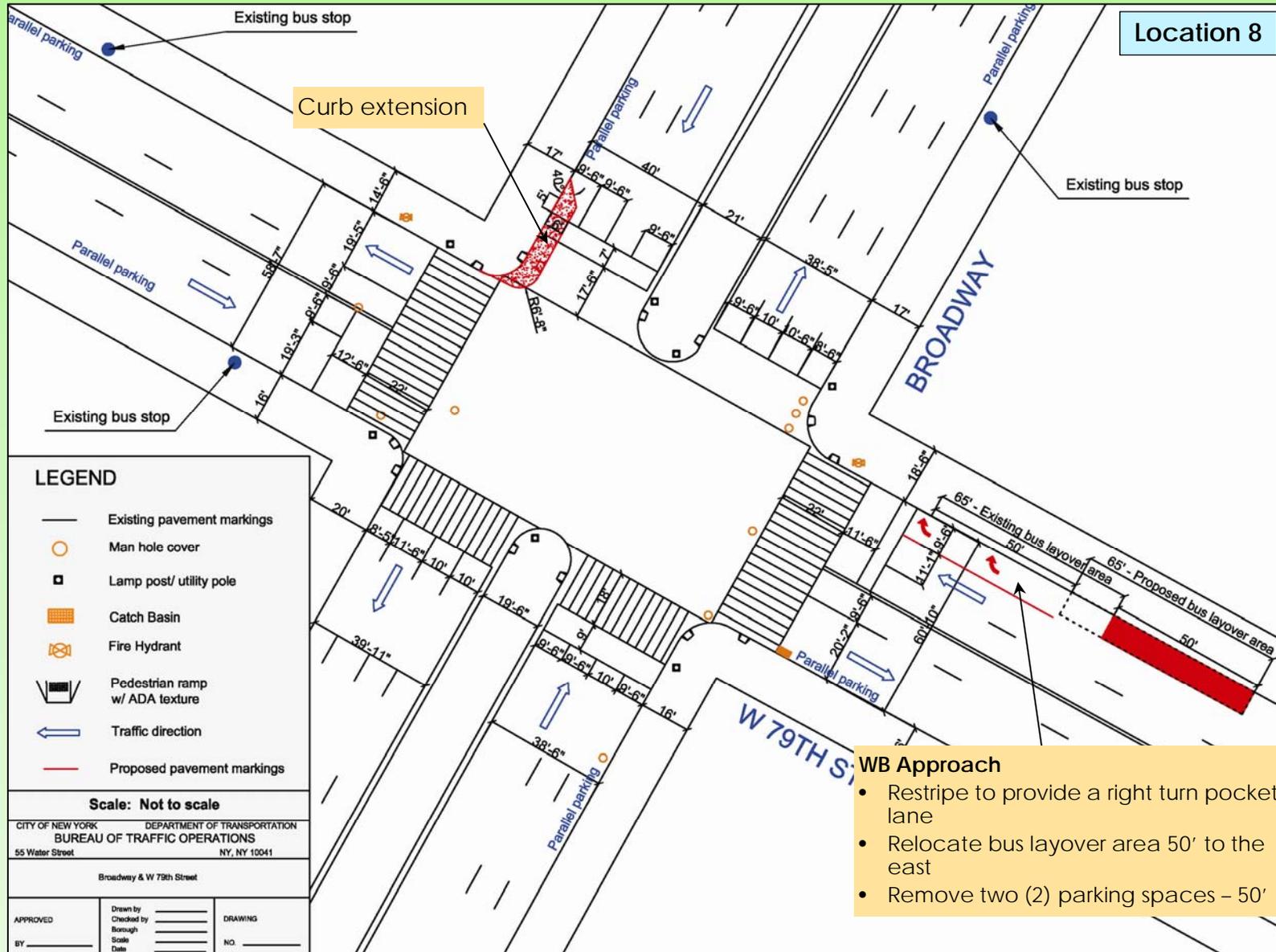
# West 79 Street & Broadway - Existing



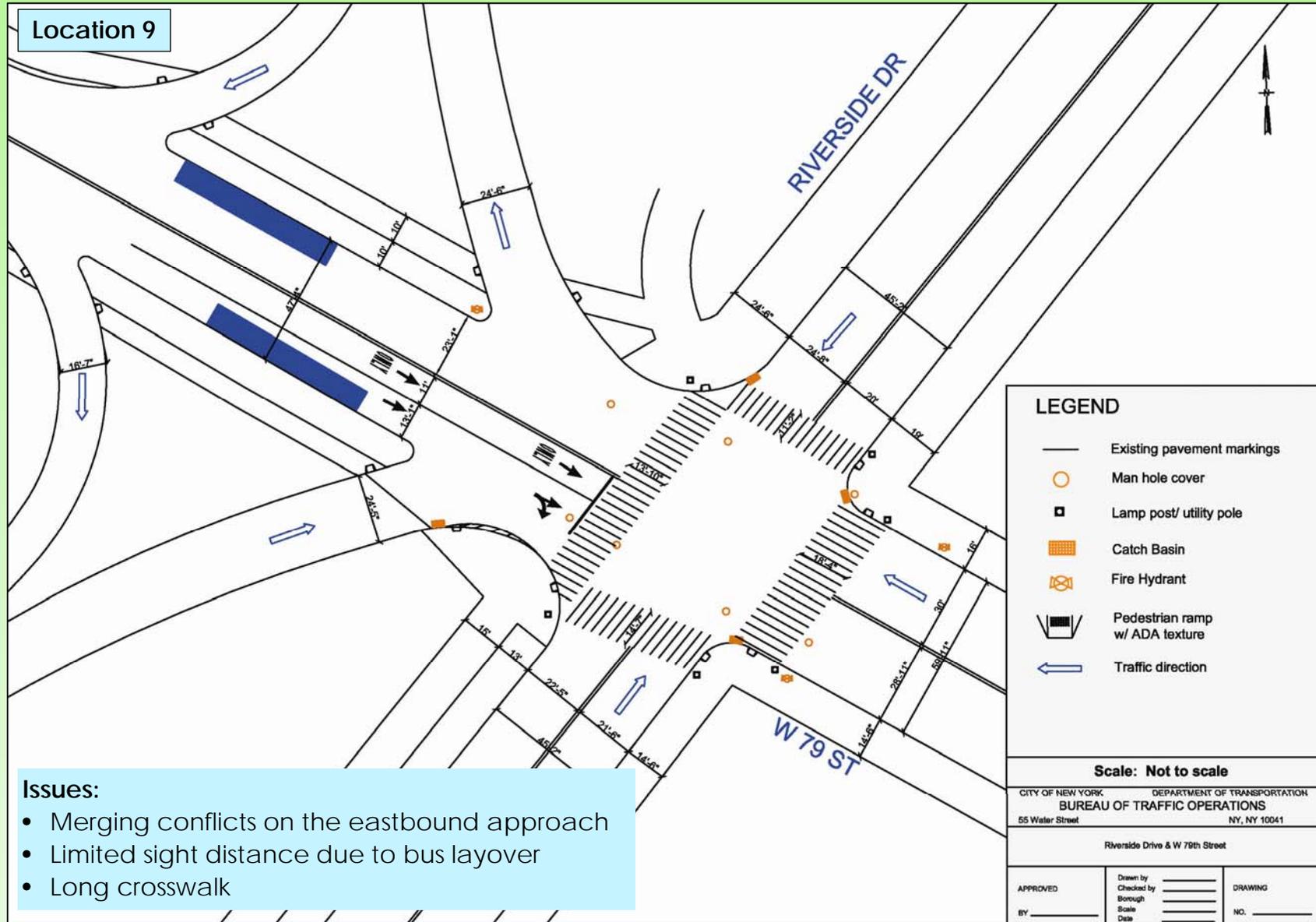
## Issues:

- Heavy westbound right turn volumes
- Pedestrian safety

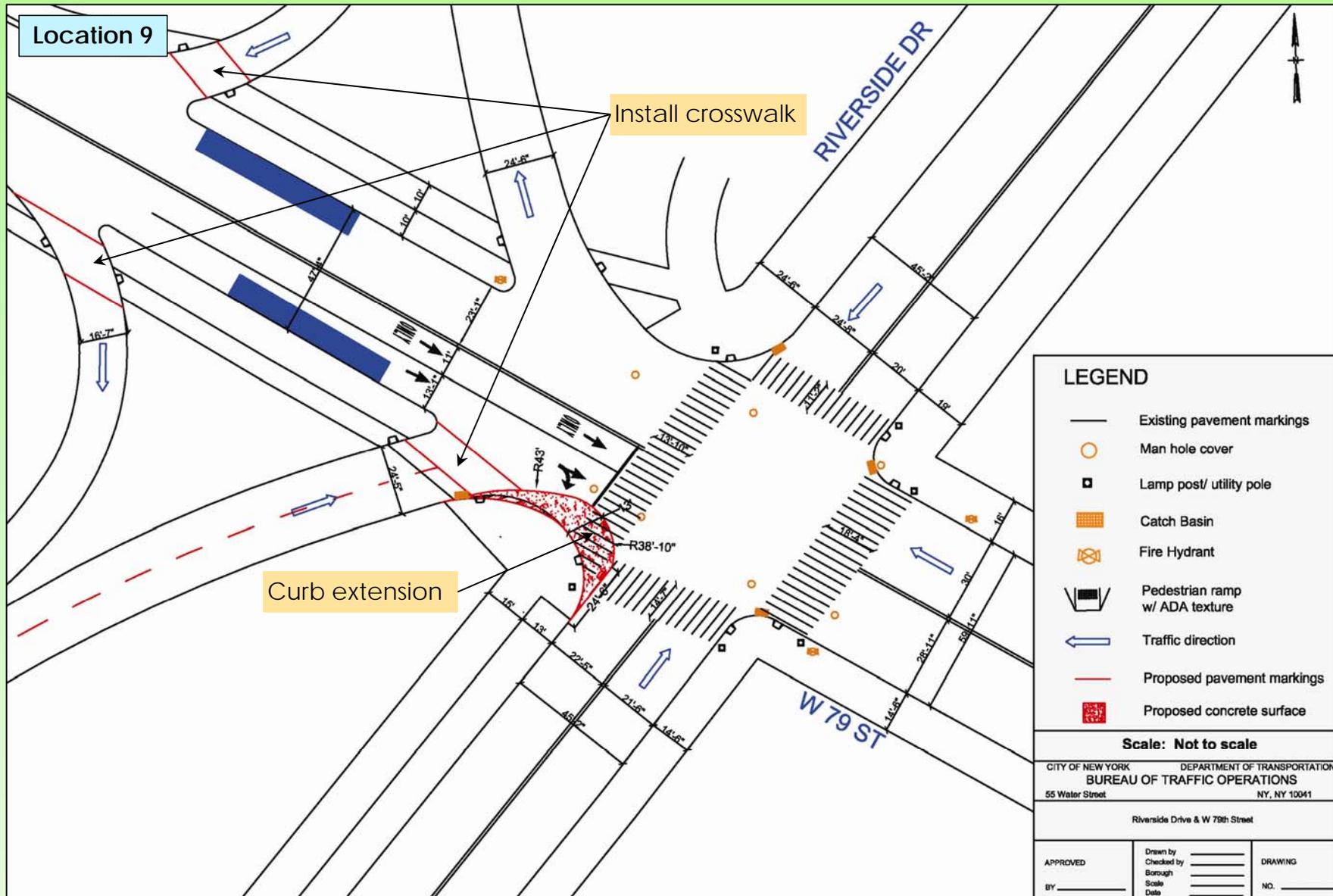
# West 79 Street & Broadway - Proposed



# West 79 Street & Riverside Drive - Existing

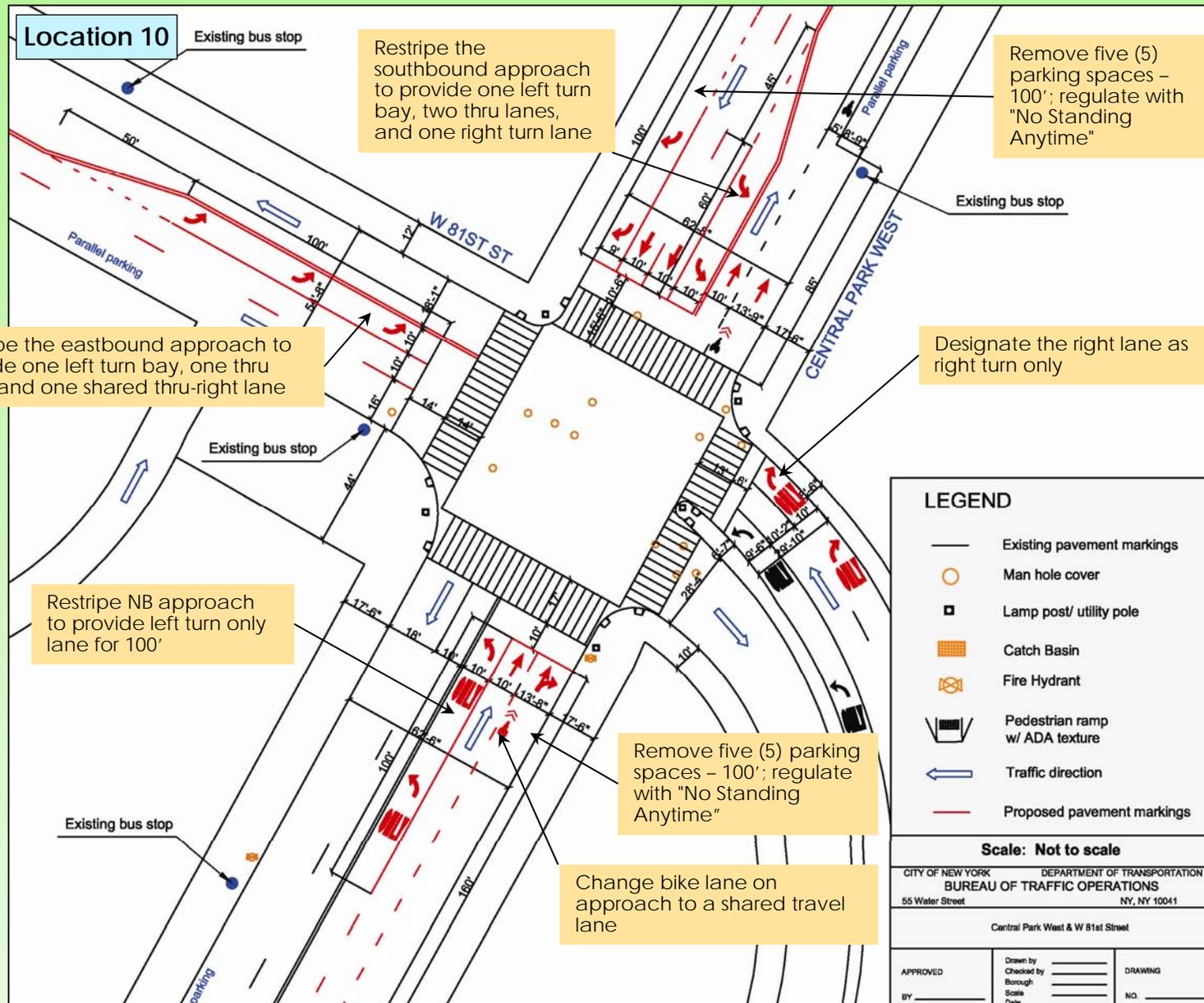


# West 79 St & Riverside Drive - Proposed



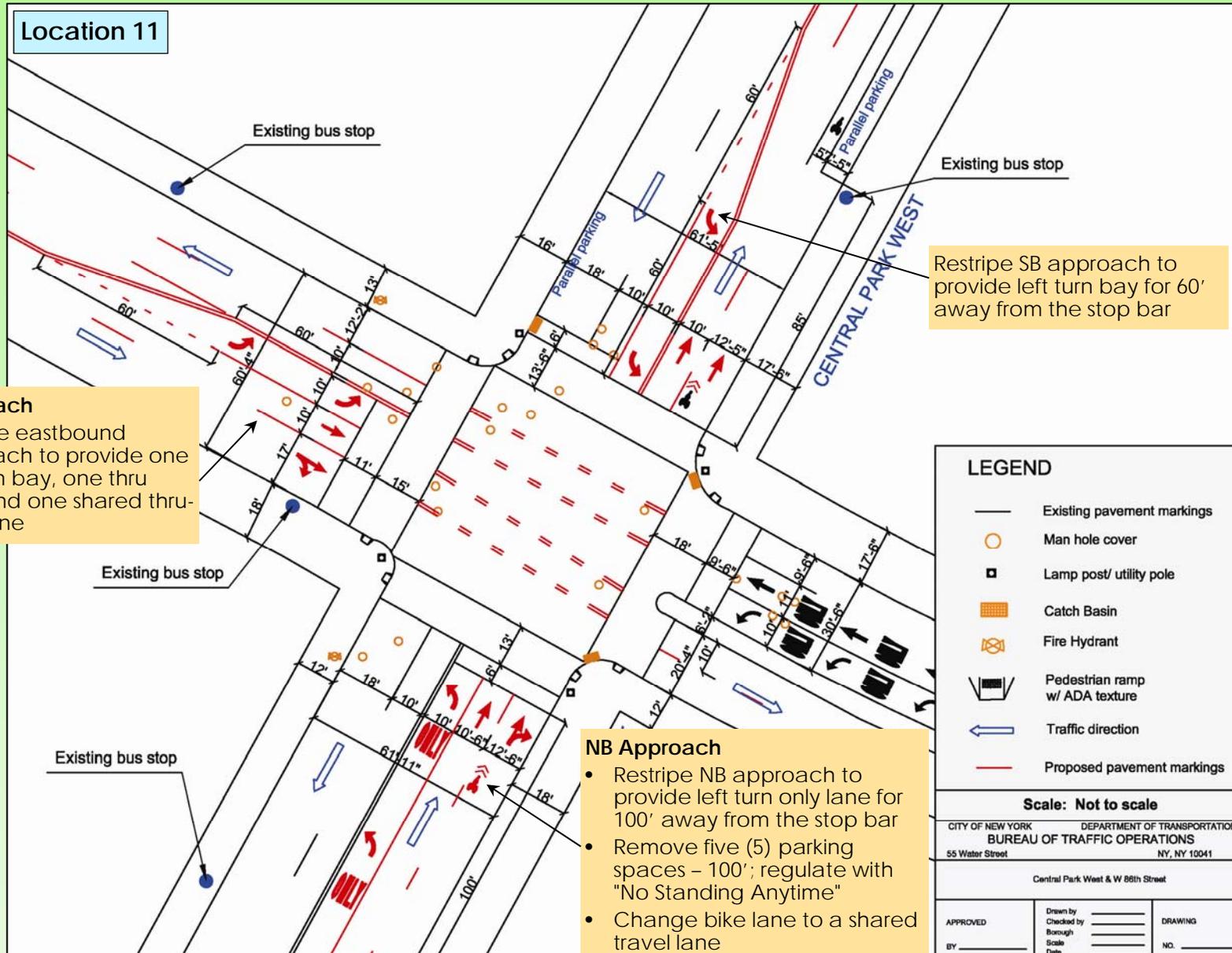


# West 81 Street & Central Park West – Proposed

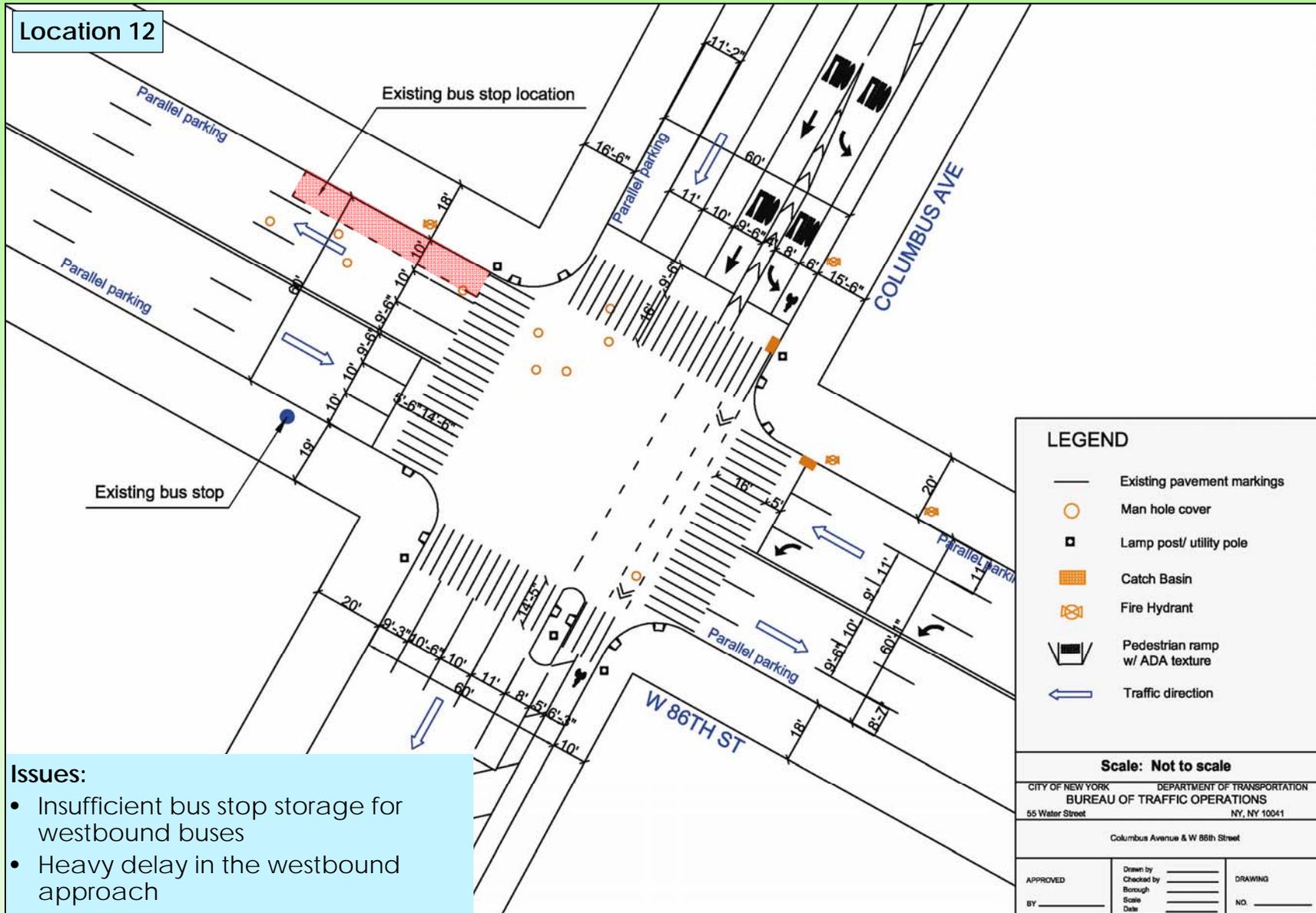




# West 86 Street & Central Park West - Proposed



# West 86 Street & Columbus Avenue- Existing



**Issues:**

- Insufficient bus stop storage for westbound buses
- Heavy delay in the westbound approach



# Broadway Mall Tips



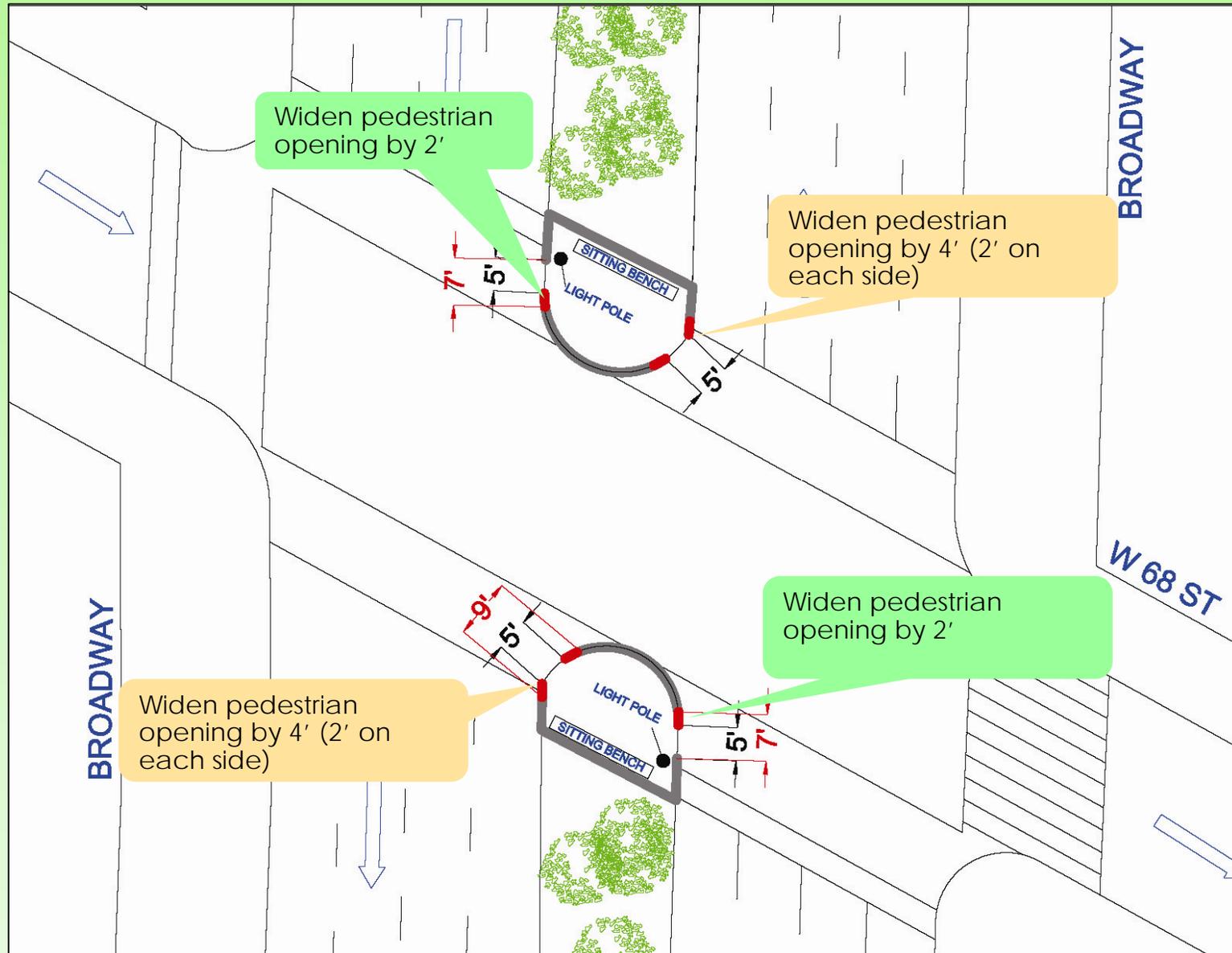
EXISTING



PROPOSED



# Broadway Mall Tips - Proposed



# Parking

## Truck Loading/Unloading



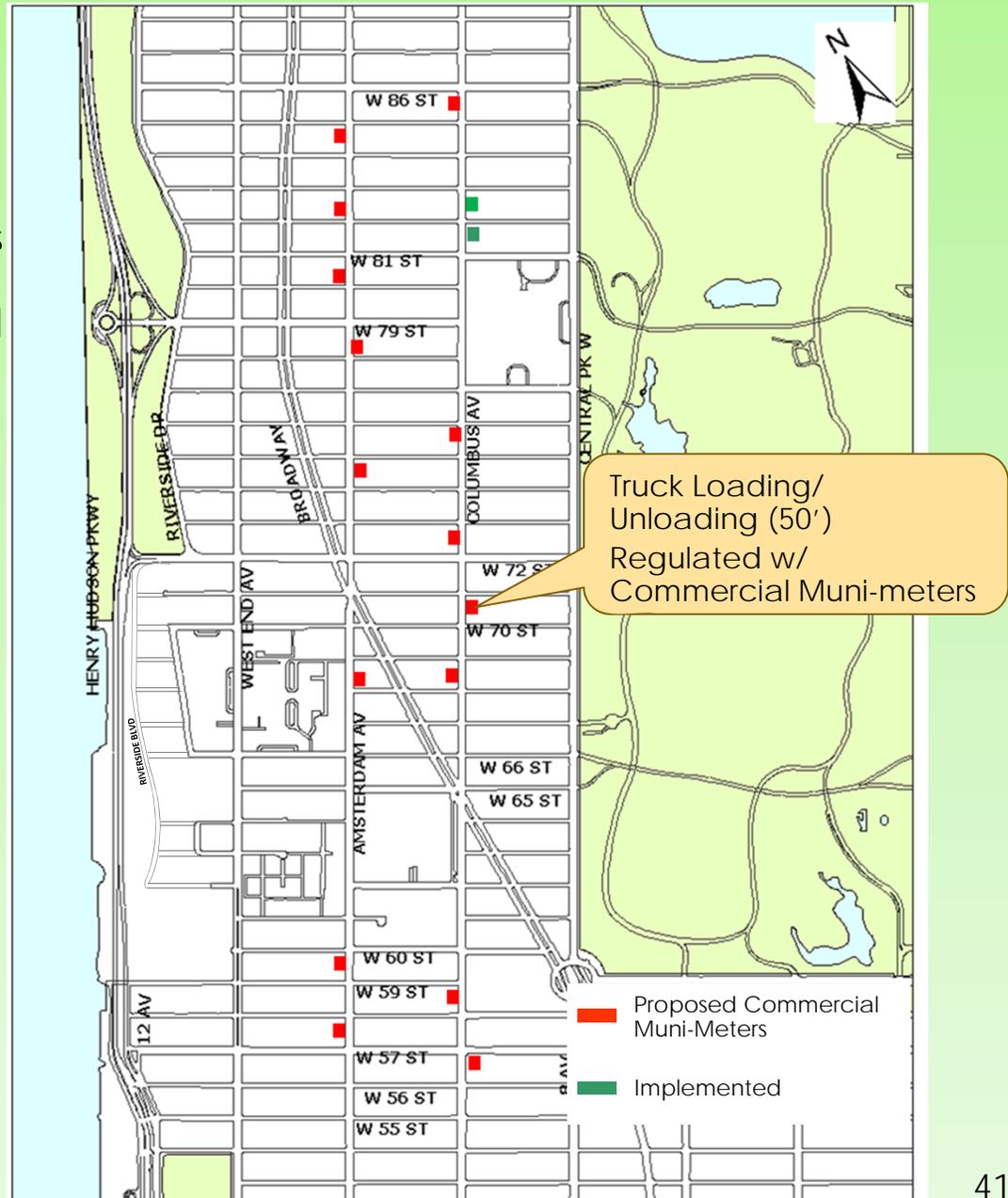
Amsterdam & Columbus Aves



# Commercial Parking - Proposed

## Truck Loading/Unloading Zones

- ❑ Columbus & Amsterdam Avenues between West 55<sup>th</sup> and West 86<sup>th</sup> 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!