

42ND STREET PEDESTRIAN SECURITY MEASURES BETWEEN 7TH AND 8TH AVENUE

COMMUNITY BOARDS 4 AND 5 - BRIEFING
PROJECT ID # HWM42PSM/MED679
BOROUGH OF MANHATTAN

January 2025

AGENDA



Background

Project Location

Goals

Funding & Stakeholders

Envision

Site Photos

Existing Site Plan

Existing Condition Plans

Existing Street Furniture

Concept Plans

Proposed Utility Work

Conceptual Bollard Layout Plan

Potential Security Elements

Project Schedule

Next Steps

Background



- 1) Project is located in the Theater District
 - Intense pedestrian congestion
- 2) Tourism and entertainment land uses
 - Theaters, cinemas, flagship chain restaurants and retail spaces, hotels
- 3) MTA New York City Transit infrastructure
 - Subway lines – 7th Avenue 1,2,3, 8th Avenue A,C,E, Broadway N,Q,R,W, 7 Train
- 4) Bus stops
 - M42, M7, M20, M104, BxM2, and Express commuter bus
- 5) Recent Work
 - NYC DOT installed bus lanes along 42nd St in 2019 to improve bus speeds. Section of corridor between 7th and 8th Avenues included extra wide bus lanes to save space for eventual sidewalk widenings and pedestrian security infrastructure

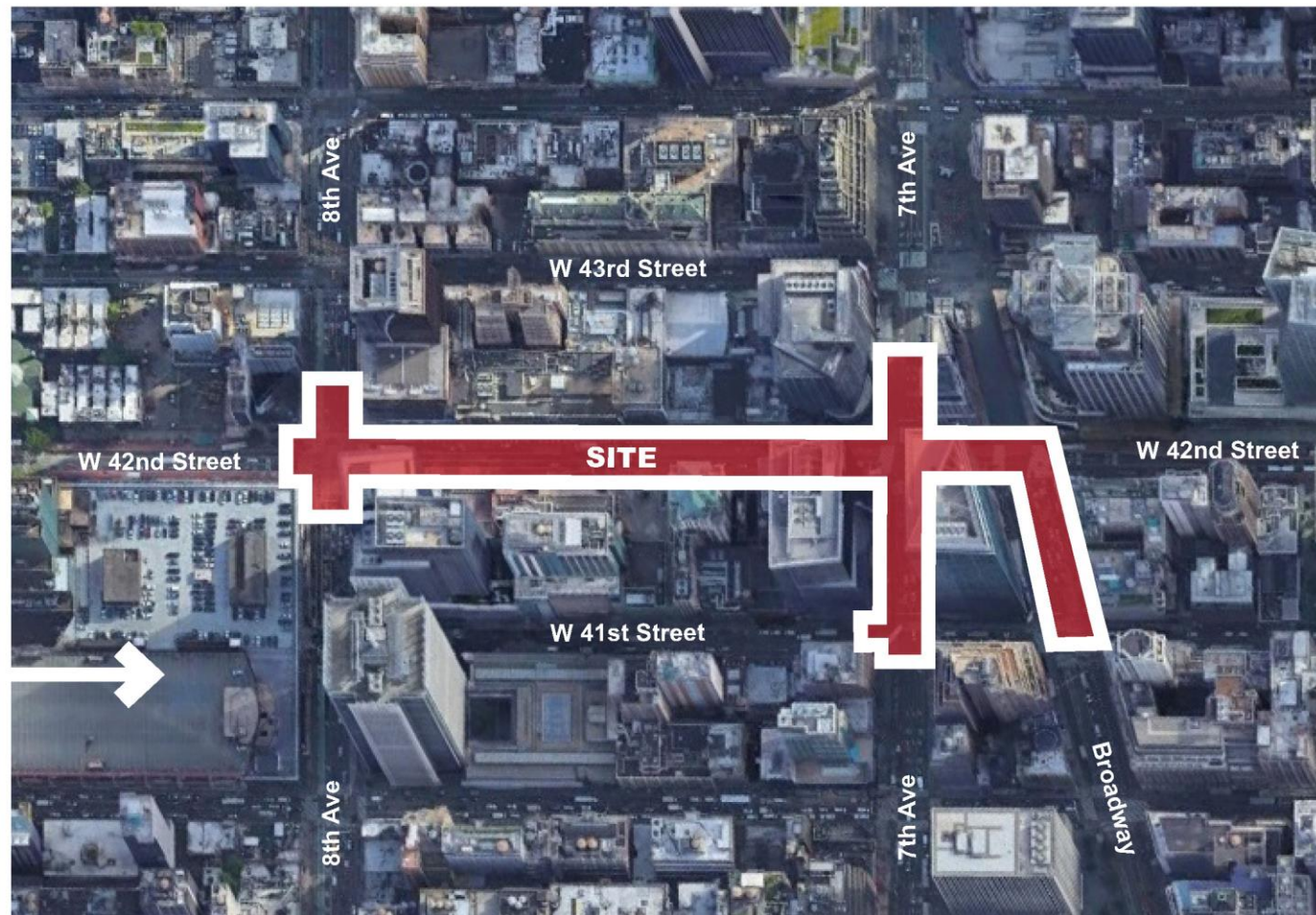




CITY



NEIGHBORHOOD



SITE



Goals



- 1) Ease sidewalk congestion and improve pedestrian safety by widening sidewalks
- 2) Introduce new, permanent security infrastructure to protect pedestrians from aberrant driver behavior, removing temporary security items
 - North and south sidewalks of 42nd Street between 7th and 8th Avenues
 - West sidewalk on 7th Avenue between 41st and 42nd Streets
 - East sidewalk curb extensions on 8th Avenue
- 3) Full reconstruction along 42nd Street between 7th and 8th Avenues
- 4) Water main and combined sewer replacements on 42nd Street, 7th Avenue and Broadway (DEP scope)
 - 48" trunk water main:
 - 42nd Street between 7th and 8th Avenues
 - 7th Avenue between 41st and 42nd Streets
 - 12" distribution water main:
 - 7th Avenue between 41st and 42nd Streets and 42nd Street between 7th Avenue and Broadway
 - 20" distribution water main:
 - Broadway between 41st and 42nd Streets
 - 15" combined sewer:
 - 7th Avenue between 41st and 42nd Streets
- 5) Address sustainability measures through Envision

Funding & Stakeholders



Funding Sources

NYC DOT: City Mayoral, Construction - \$ 41,707,000.00

NYC DEP: Construction - \$ 15,201,900.00

Stakeholders

- NYCDDC
- NYCDOT
- NYCDEP
- NYC Parks
- PDC
- NYCT
- PANY & NJ
- FDNY
- NYPD Counter Terrorism
- Community Boards 4 and 5
- Times Square Alliance - BID
- Broadway League

Envision



ENVISION

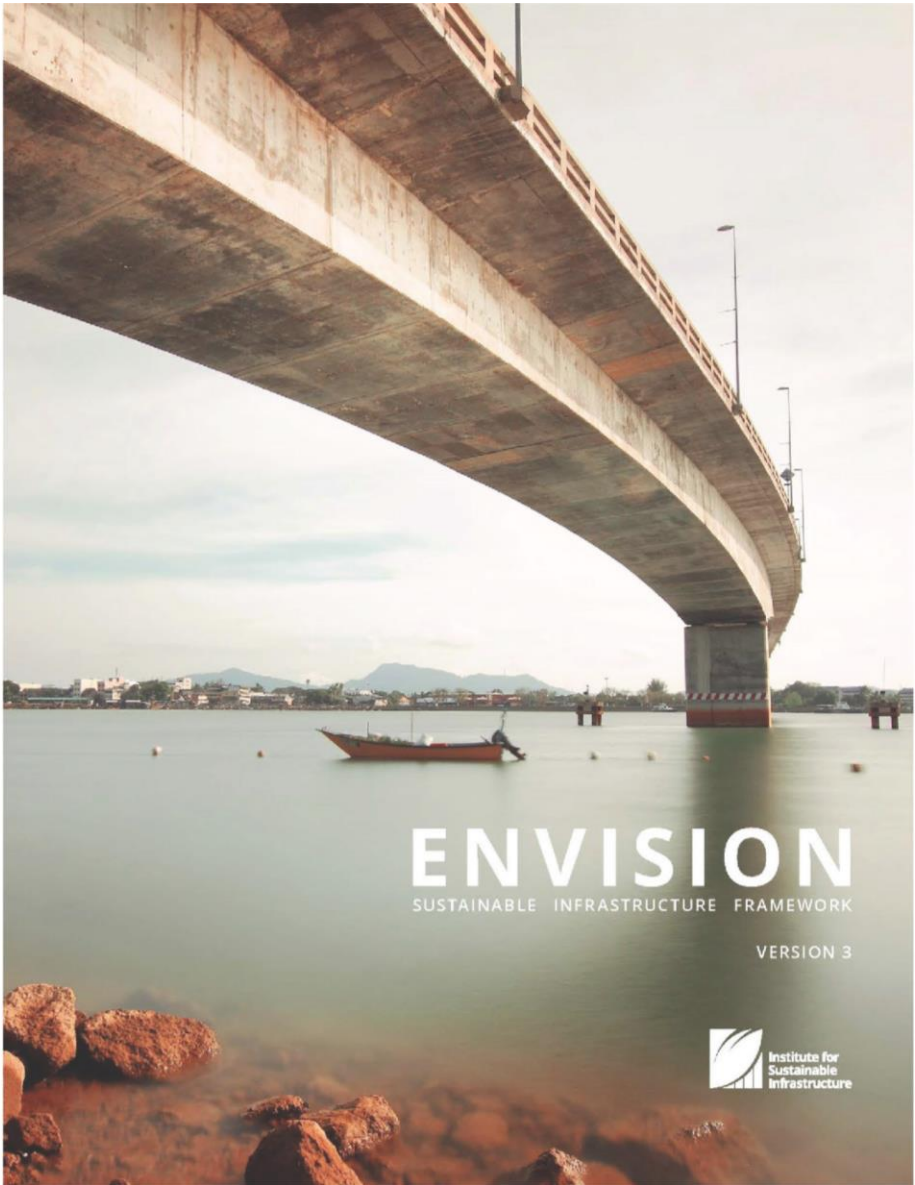
Envision is a framework that includes 64 sustainability and resilience indicators, called ‘credits’ organized around 5 categories.



DDC uses Envision as a tool to implement sustainable and resilient design strategies on infrastructure projects.

TASK ORDERS WITH ENVISION

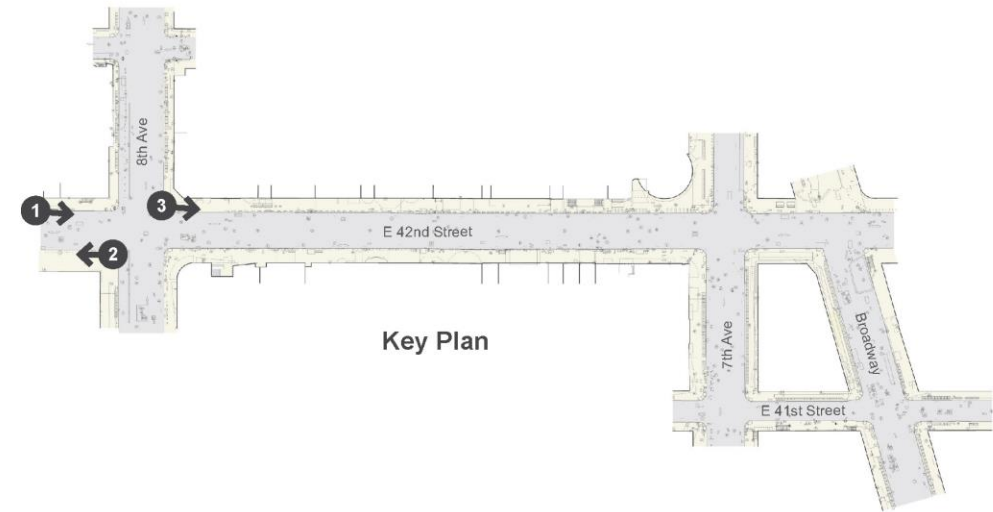
Pathway A: Design + Post-Construction

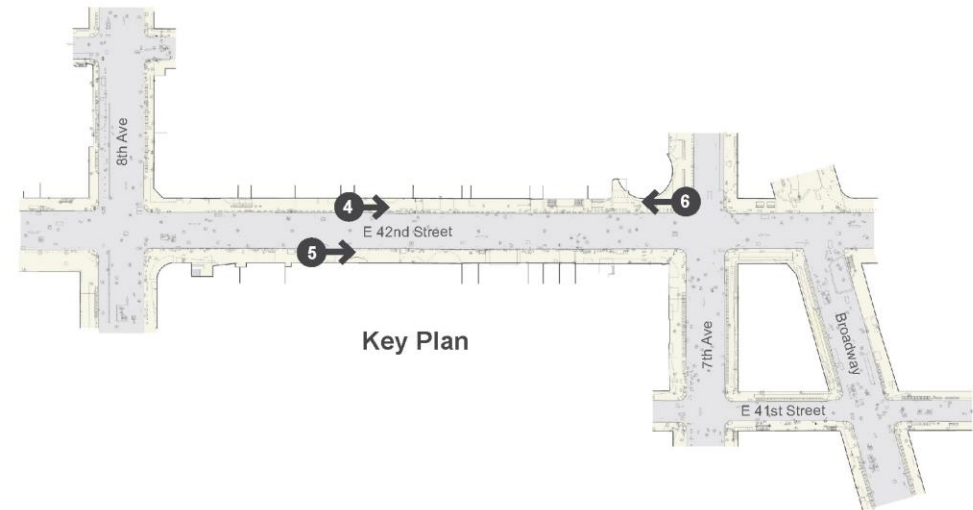


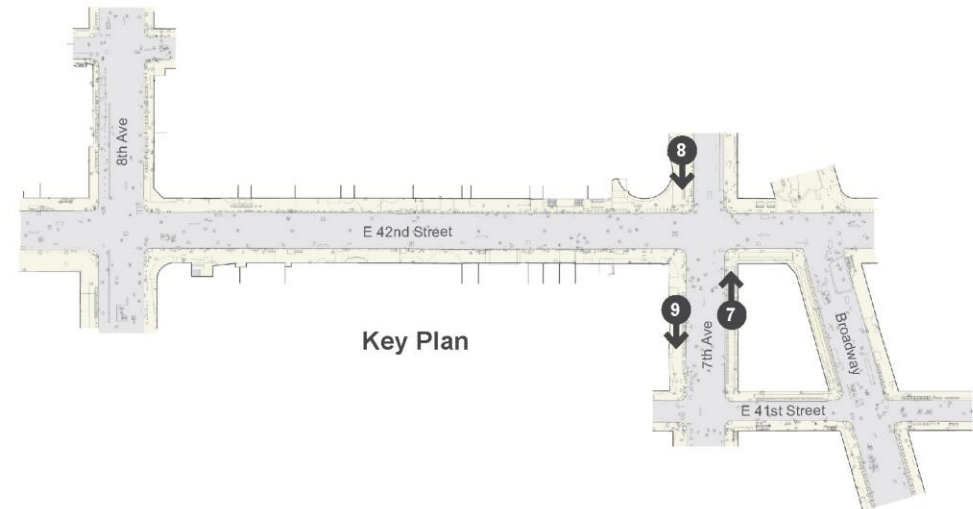
Envision

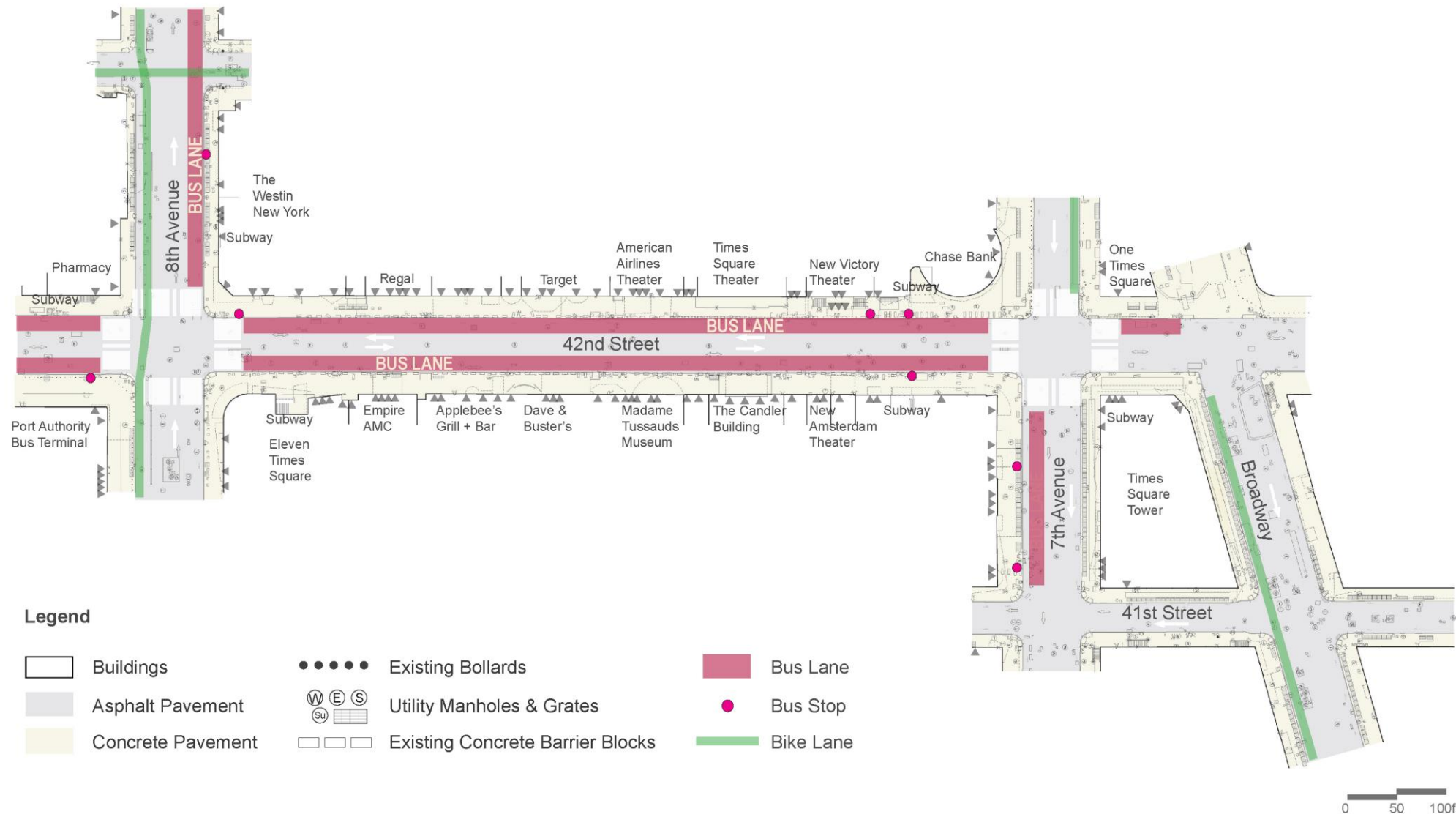


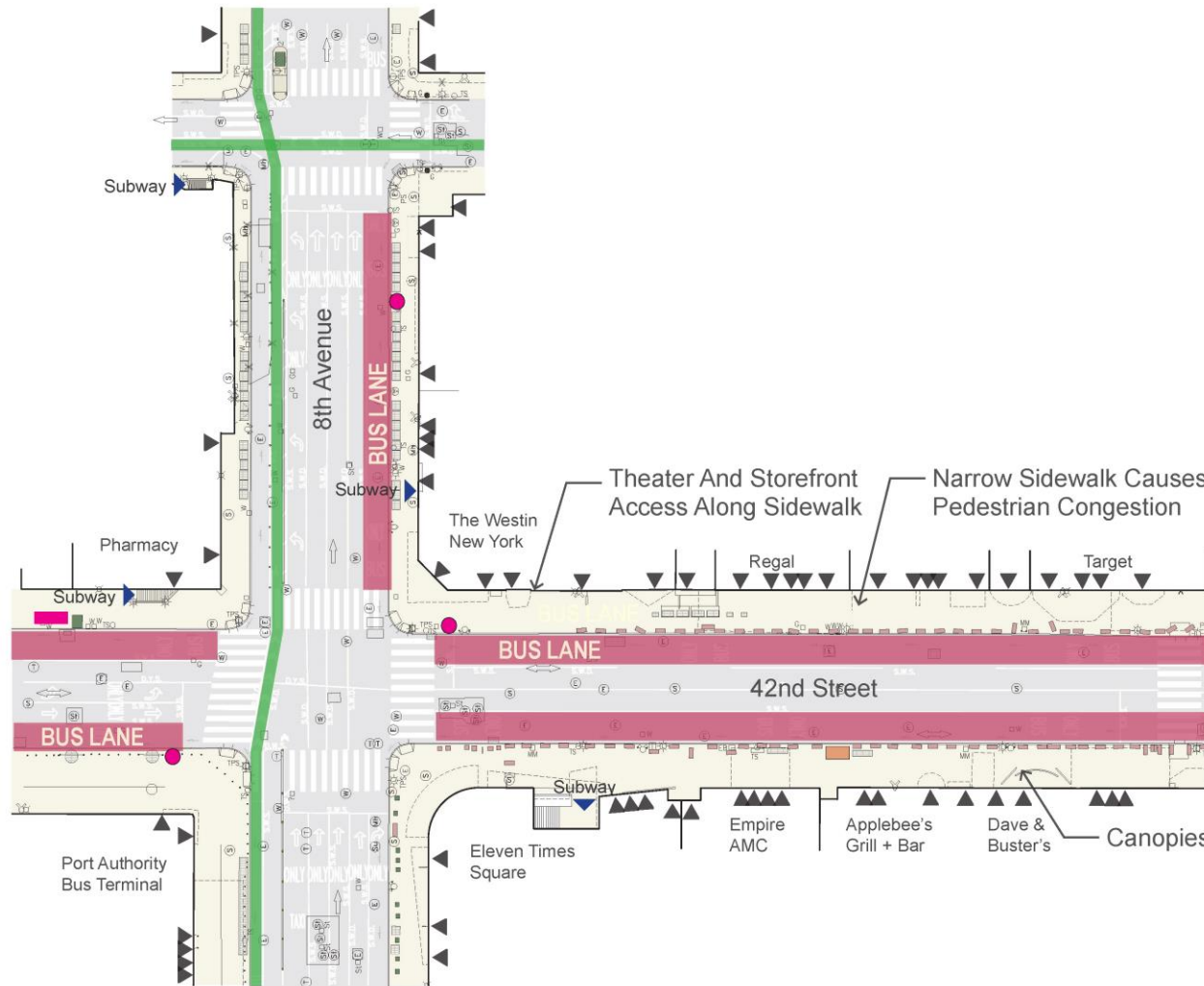
- 1 Project Typology IX – Street Works
- 2 Prepare a Sustainability Work Plan
 - Consider opportunities for improving the sustainable impact of the project
- 3 Track the project with the Envision scoresheet and compile support documentation
- 4 Early and sustained stakeholder engagement and involvement in project decision making
 - CB4 and CB5 feedback on Mass Mailing No. 1 Envision Questionnaire





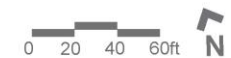


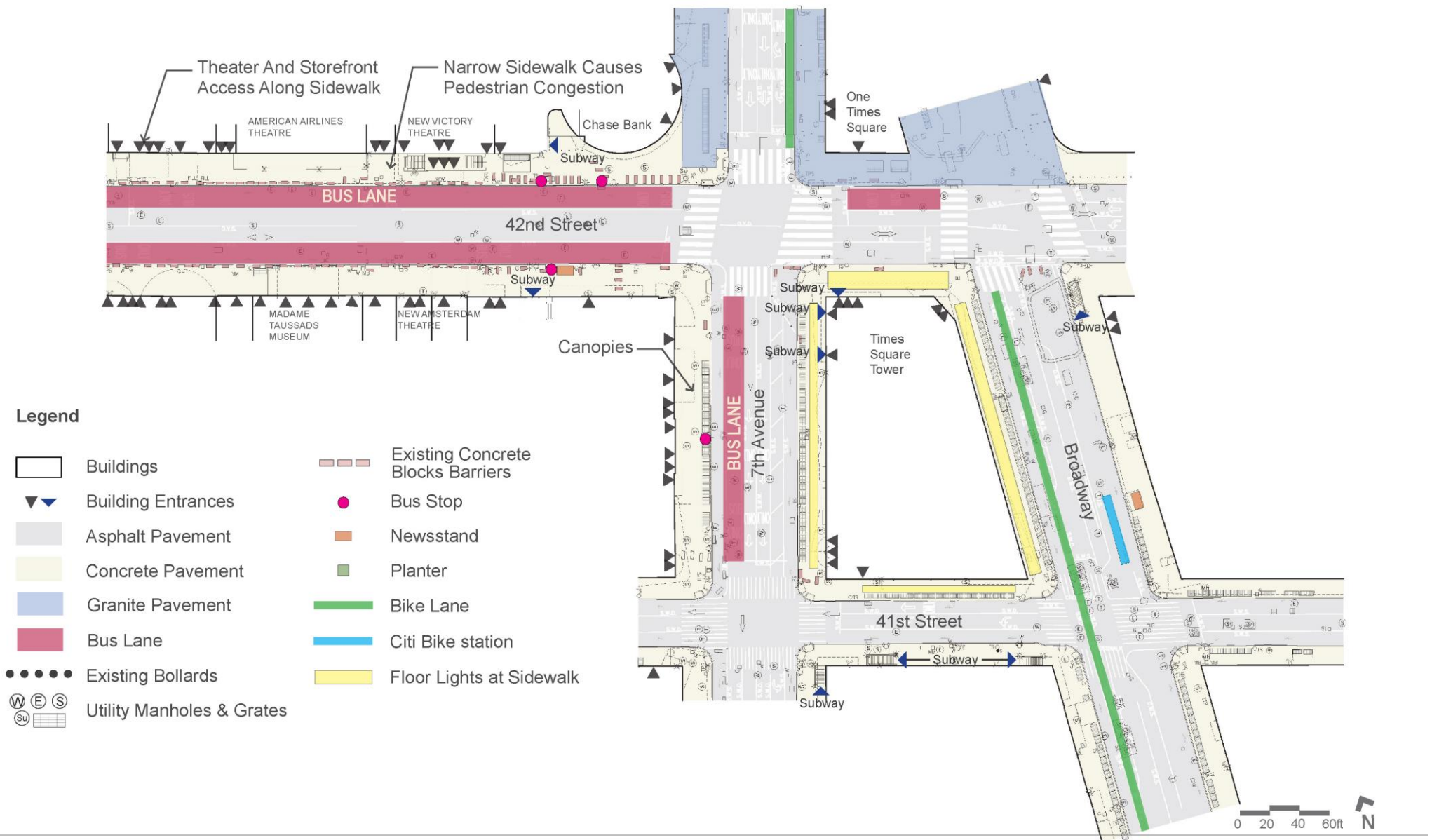


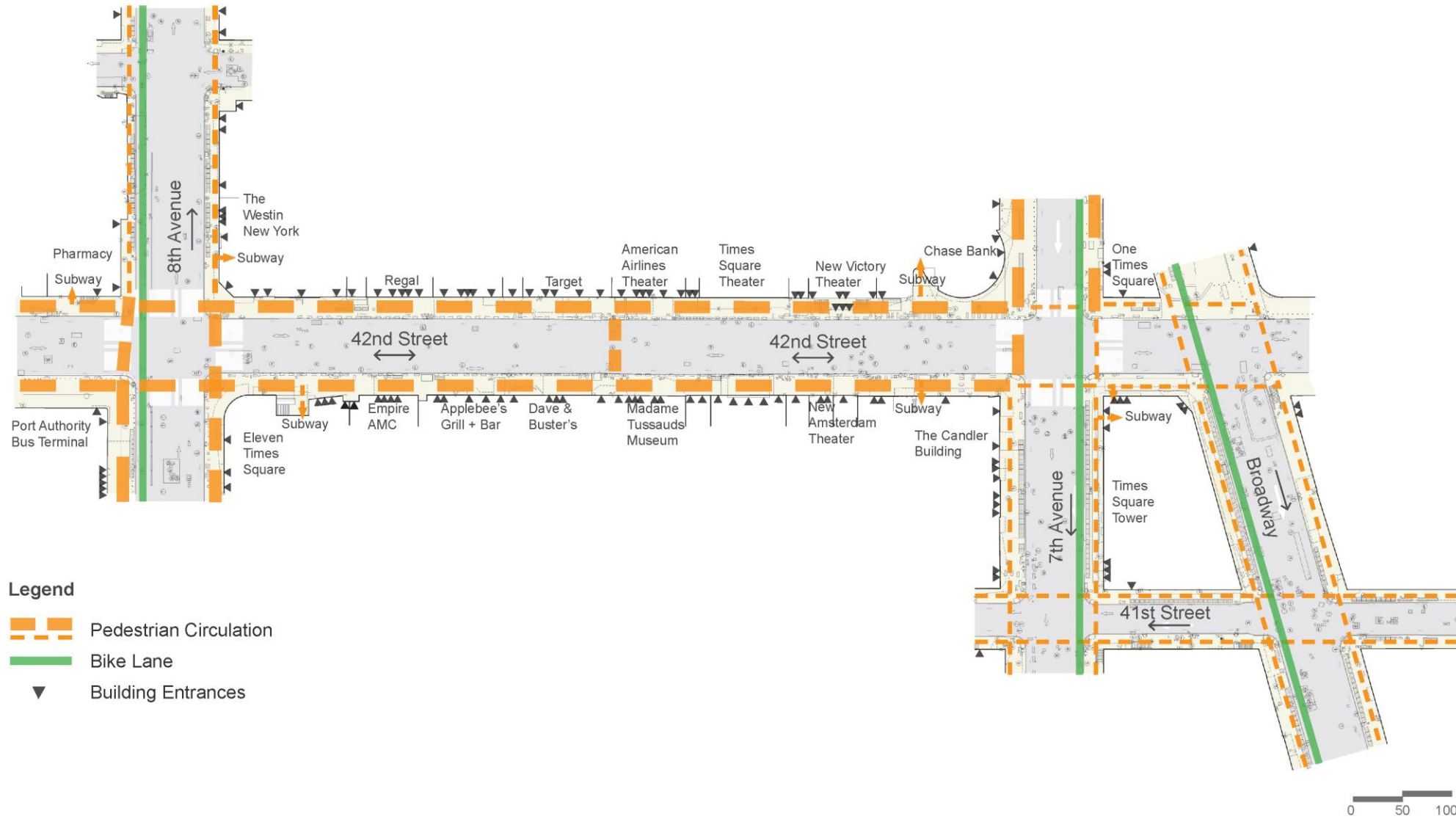


Legend

- Buildings
- Building Entrances
- Asphalt Pavement
- Concrete Pavement
- Bus Lane
- Existing Bollards
- Utility Manholes & Grates
- Existing Concrete Blocks Barriers
- Bus Shelter
- Bus Stop
- Newsstand
- Planter
- Bike Lane







Existing Street Furniture



Security Bollards and Barriers



Movable Seating



Planters



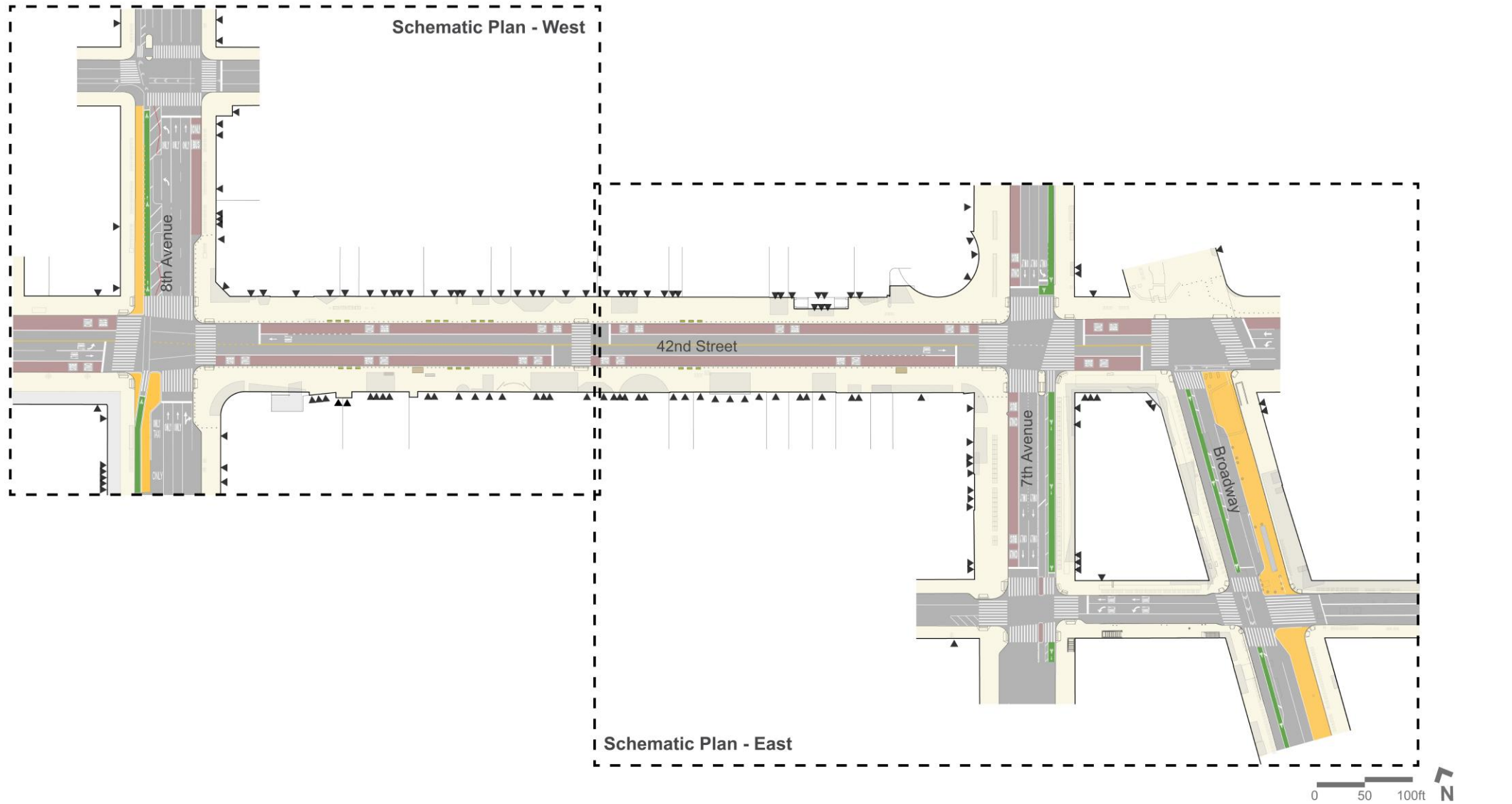
Signage & Wayfinding



Bike Racks

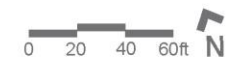
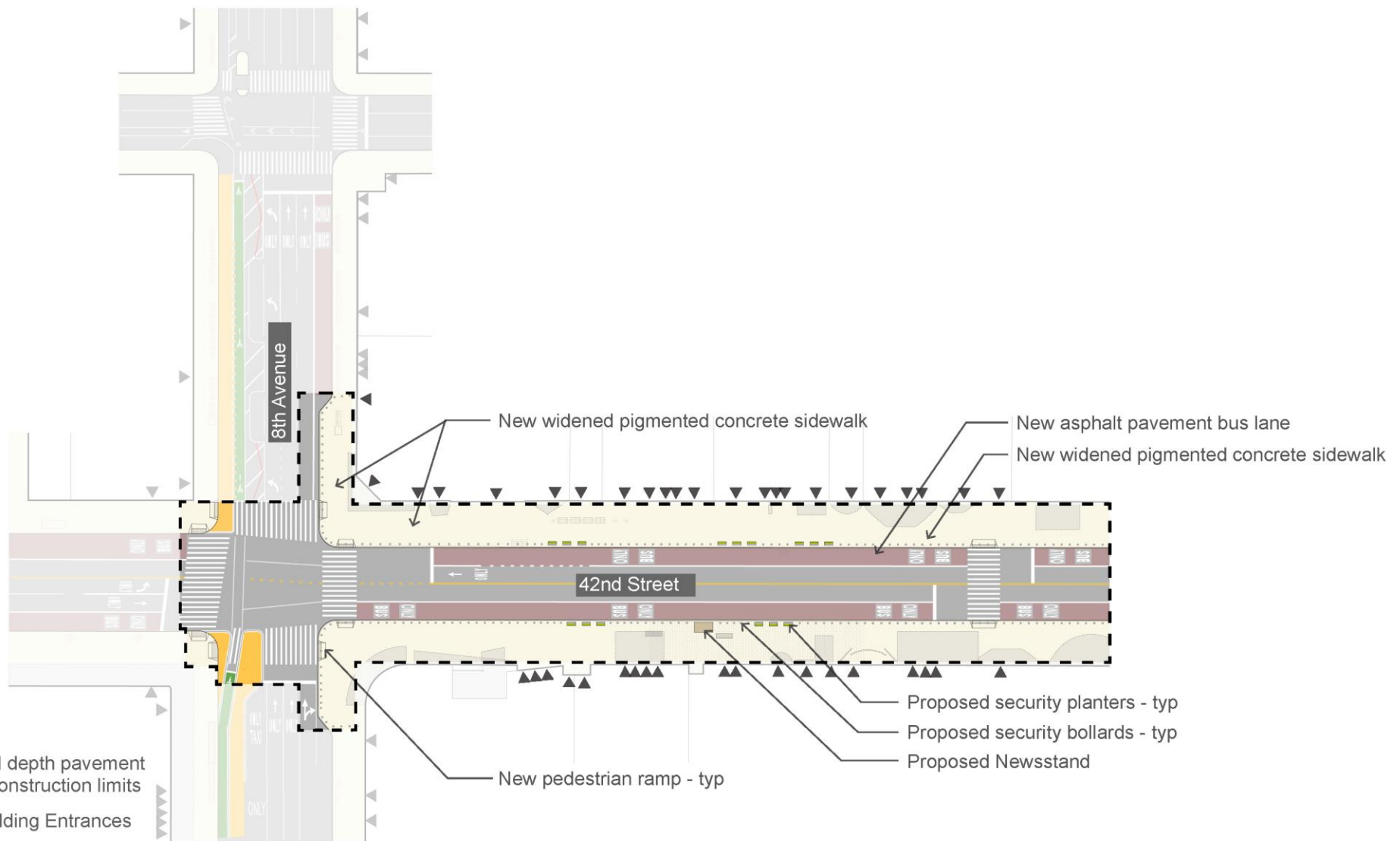


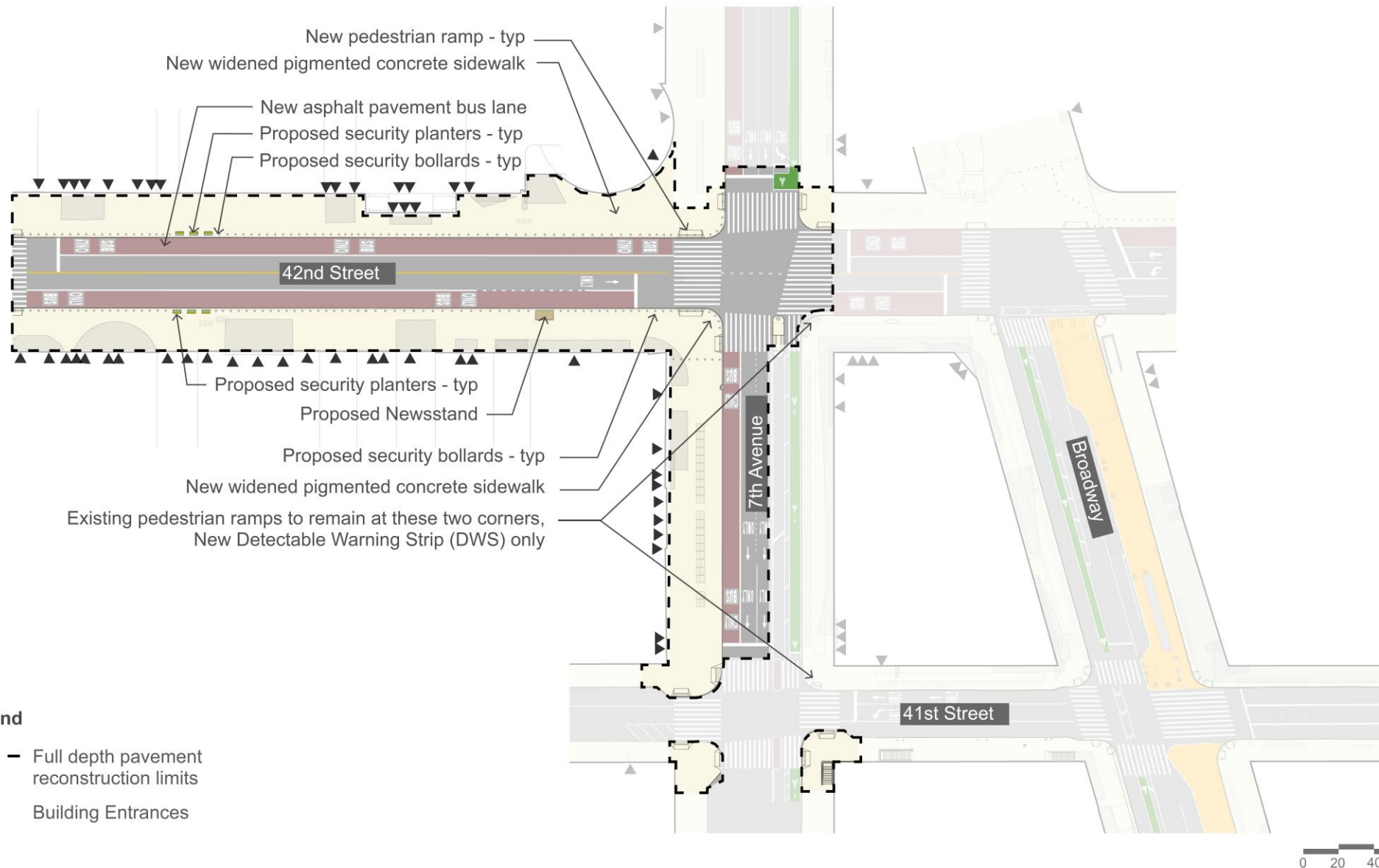
Art Installations



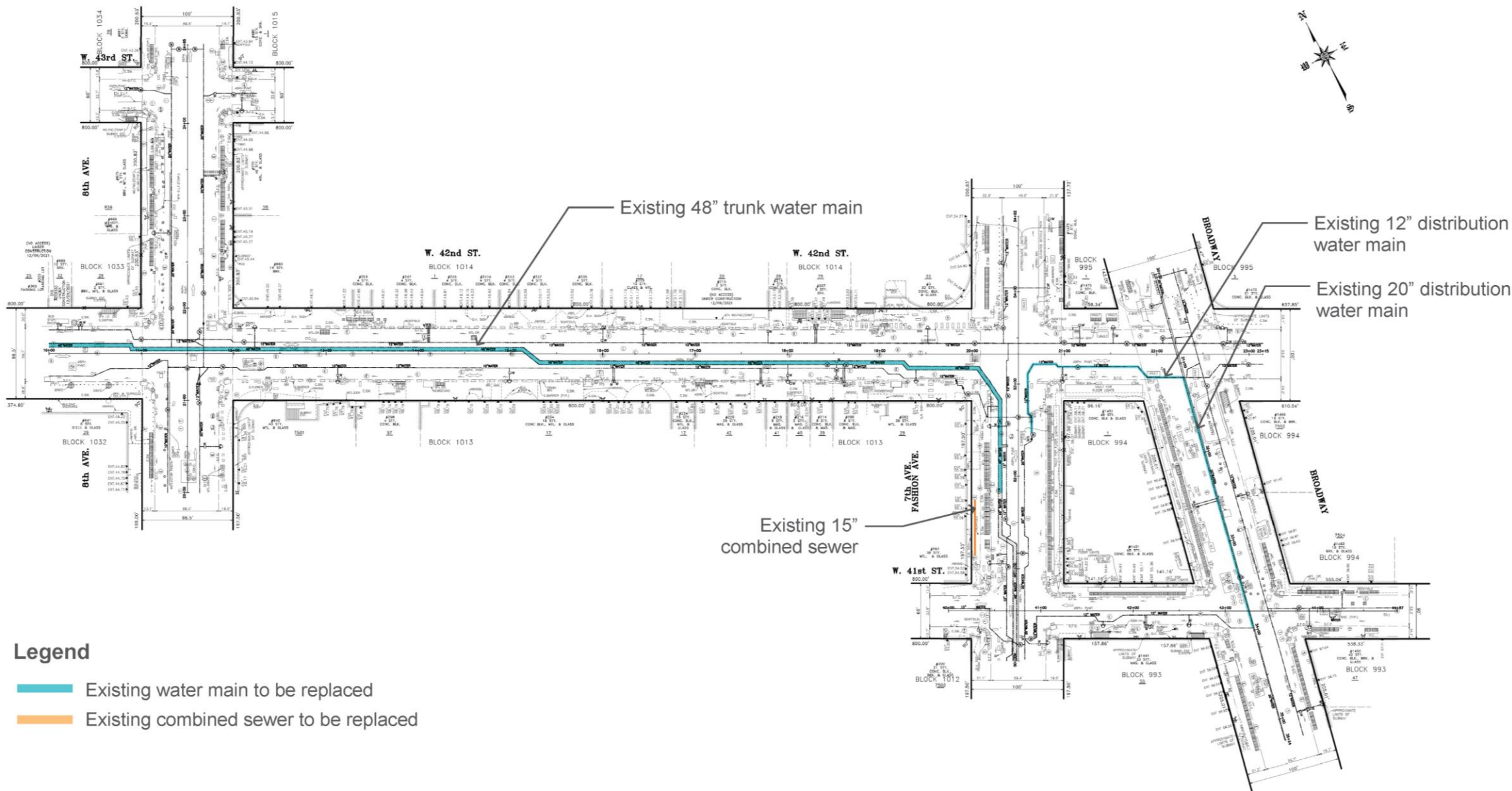
Legend

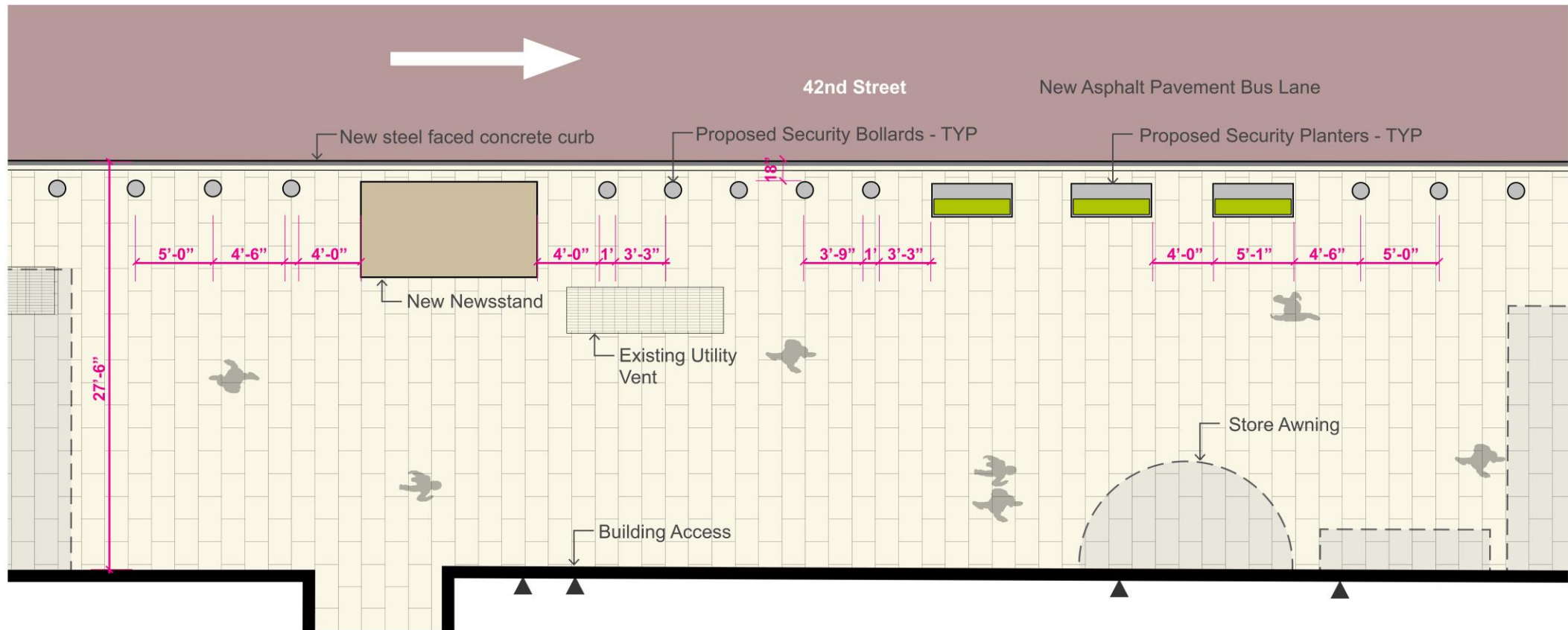
- - - Full depth pavement reconstruction limits
- ▼ Building Entrances



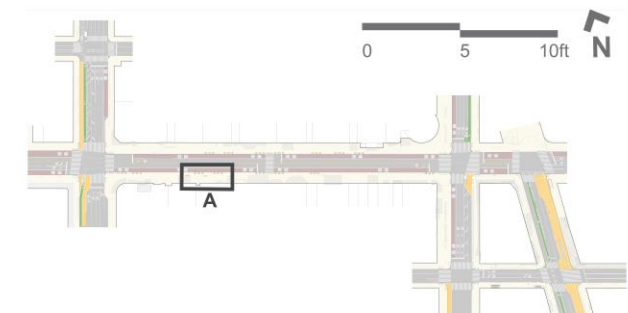


Proposed Utility Work



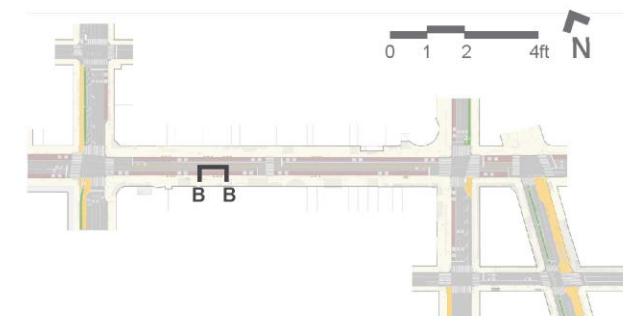


Detail Area Schematic Plan A





Schematic Elevation BB







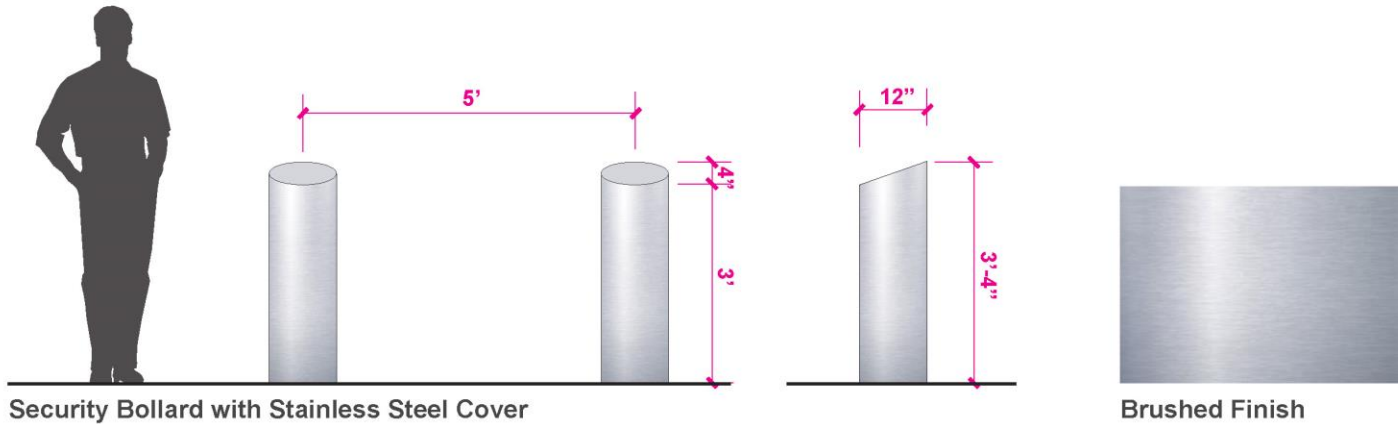
NYCDOT Concrete Pavement with London Scoring



Color Commercial Gray
Finish Silicon Carbide



Security Bollards

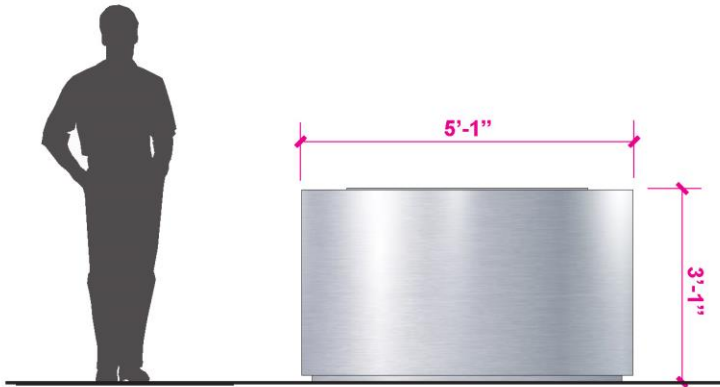


Security Bollard with Stainless Steel Cover

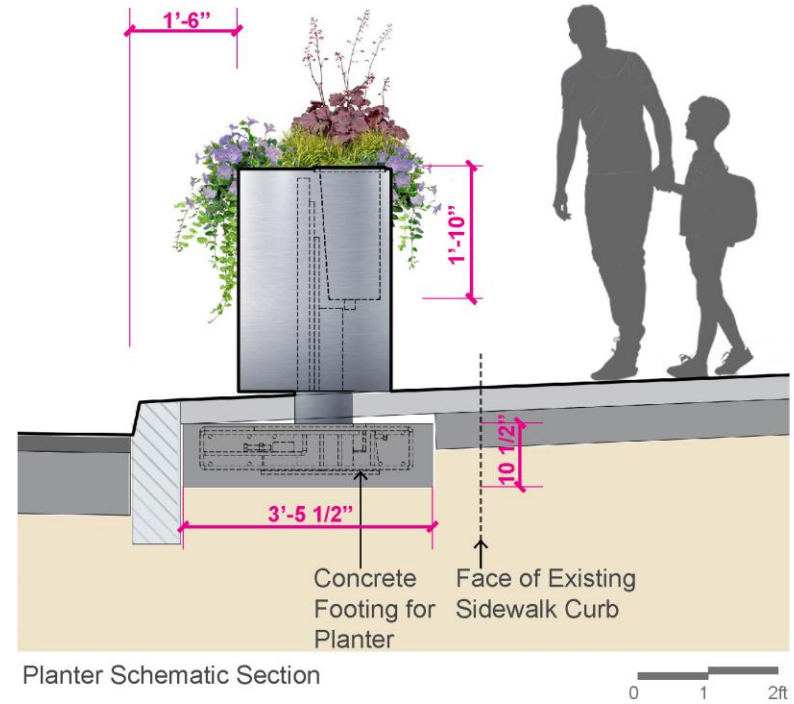
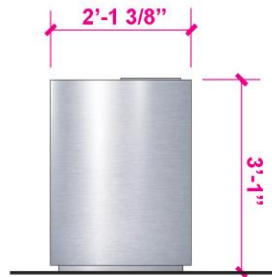
Brushed Finish



Security Planters



Security Planter with Stainless Steel Cover



Planter Schematic Section



Brushed Finish

Project Schedule



Project Design Milestones:

Curb Geometry Approved by NYC DOT – May 31, 2023

MM1 Distribution – May 17, 2024

Geotechnical Borings and Test-pits – Spring/Summer 2024

PDC Informal Submission – July 17, 2024

PDC Preliminary Submission – Spring 2025

MM2 Distribution – Spring 2025

PDC Final Submission – Fall 2025

Final Design Documents Submission – December 2025



Next Steps



- Letter of support for the project to submit with PDC submission
- Final design of security bollards and planters
- Envision Questionnaire feedback

DDC's Office of Community Outreach + Notification (OCON), will work with CBs, BIDs, local businesses and other community stakeholders impacted by construction.

Contact Person

- Marilyn Nunez (NunezMa@ddc.nyc.gov)



THANK YOU!

Q&A