



NEW YORK CITY DEPARTMENT OF TRANSPORTATION



NEW YORK CITY DEPARTMENT OF DESIGN + CONSTRUCTION



AKRF ENGINEERING, P.C.



NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Delancey Street Safety Improvements

DELANCEY STREET BETWEEN BOWERY STREET AND CLINTON STREET
RIDGE STREET BETWEEN DELANCEY STREET AND RIVINGTON STREET

PROJECT ID: HWM2025; PIN#: X761.28
BOROUGH OF MANHATTAN

COMMUNITY BOARD MEETING

COMMUNITY BOARD #3
273 Bowery, New York, NY 10002

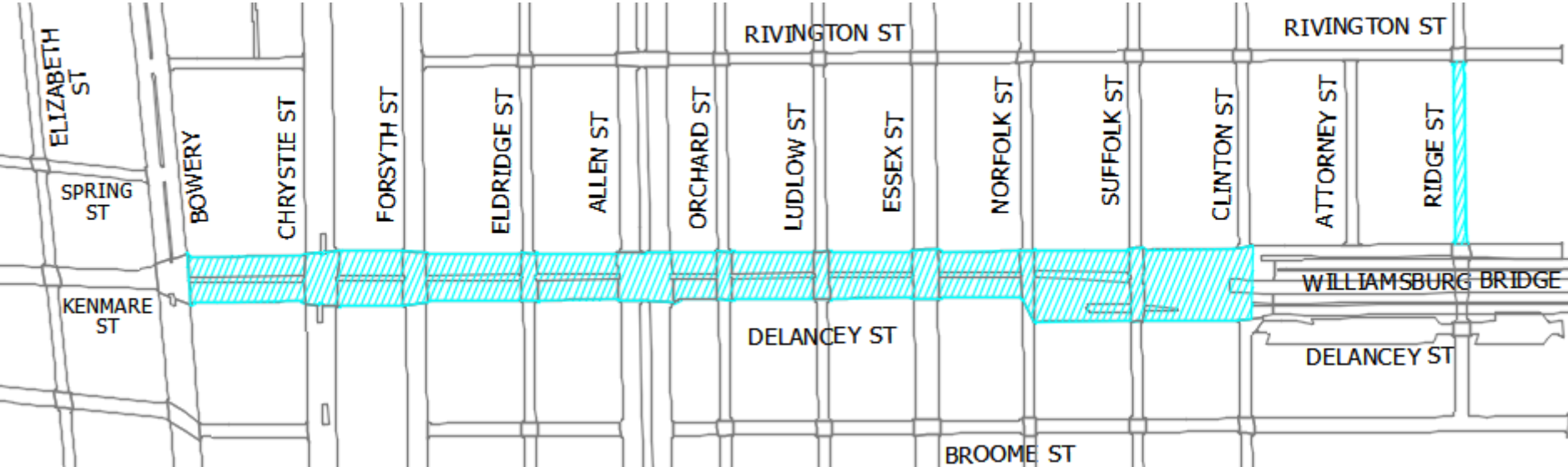
Wednesday, June 19, 6:30pm – 7:30pm



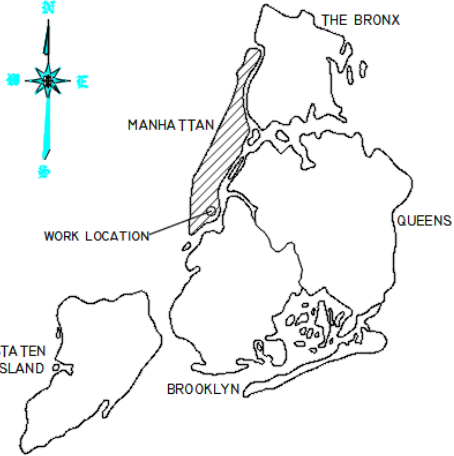
PROJECT ID: HWM2025; PIN#: X761.28
BOROUGH OF MANHATTAN

DELANCEY STREET SAFETY IMPROVEMENTS

DELANCEY STREET - LOCATION PLAN



Total Length of Project: 2,500 LF (approximately 1/2 mile)



KEY PLAN

PROJECT GOALS

- **Transform Delancey Street primarily through safety and streetscape improvements**
 - Sidewalk improvements and extensions including neckouts
 - Encourages more walking
 - Allows for easier connections between the subway and buses
 - Expanding pedestrian space along the medians
 - Widening of the center medians
 - Reducing one travel lane in the Eastbound direction
 - Install a dedicated, protected, raised two way bicycle lanes

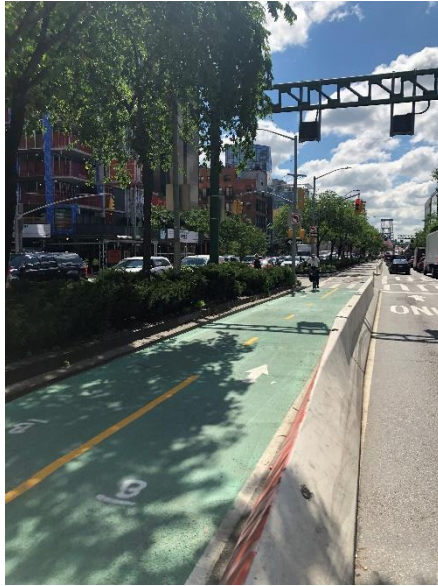
PROJECT LIMITS/SCOPE

- Full Depth ROW to ROW reconstruction
- New curb and sidewalk
- New roadway pavement
- Grade separated bike path
- New tree plantings
- New traffic signals and street lights
- Replacement of watermains
- Repair and replacement of sewers

EXISTING CONDITIONS



EXISTING CONDITIONS



EXISTING CONDITIONS



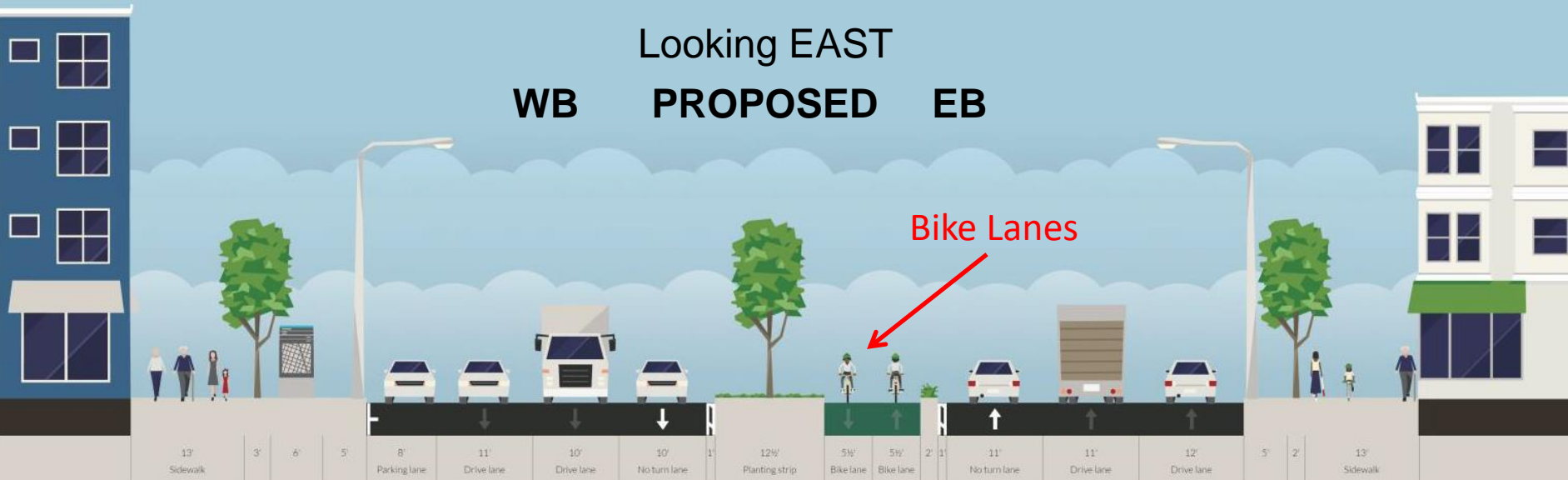
PROPOSED CONCEPTUAL CROSS-SECTION

Delancey Street Conceptual Section, Proposed Safety Improvements and Bike Lanes

Looking EAST

WB PROPOSED EB

Bike Lanes



27'
Sidewalk Area

8'
Parking Lane

11'
Travel Lane

10'
Travel Lane

10'
Travel Lane
(No Turns)

1'
Buffer

12.5'
Planting Area

5.5'
WB Bike Lane

5.5'
EB Bike Lane

3'
BUFFER

11'
Travel Lane
(No Turns)

11'
Travel Lane

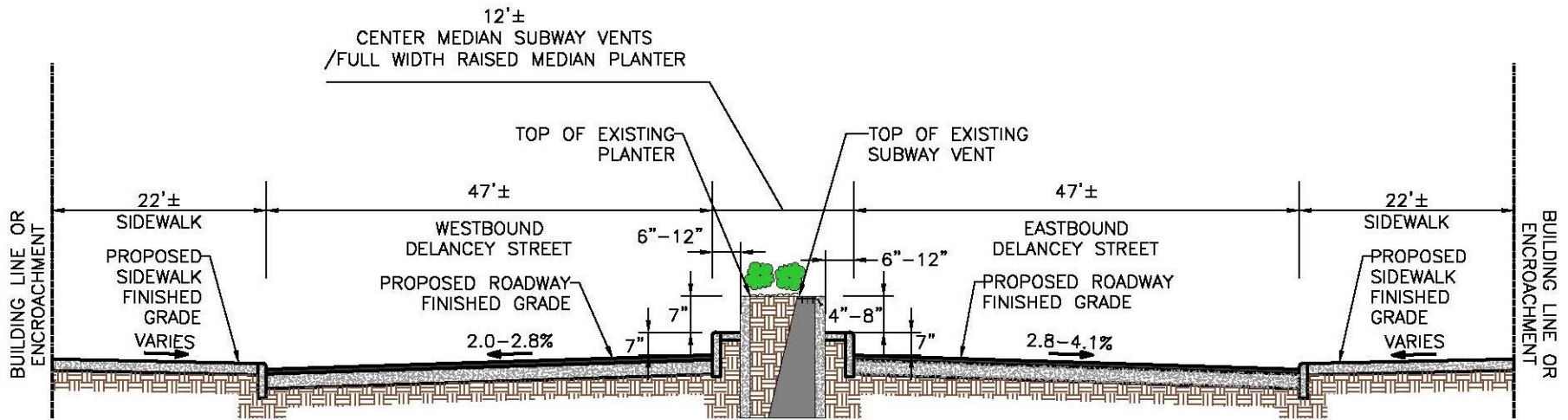
12'
Travel Lane

20'
Sidewalk Area

40' WIDE PAVEMENT

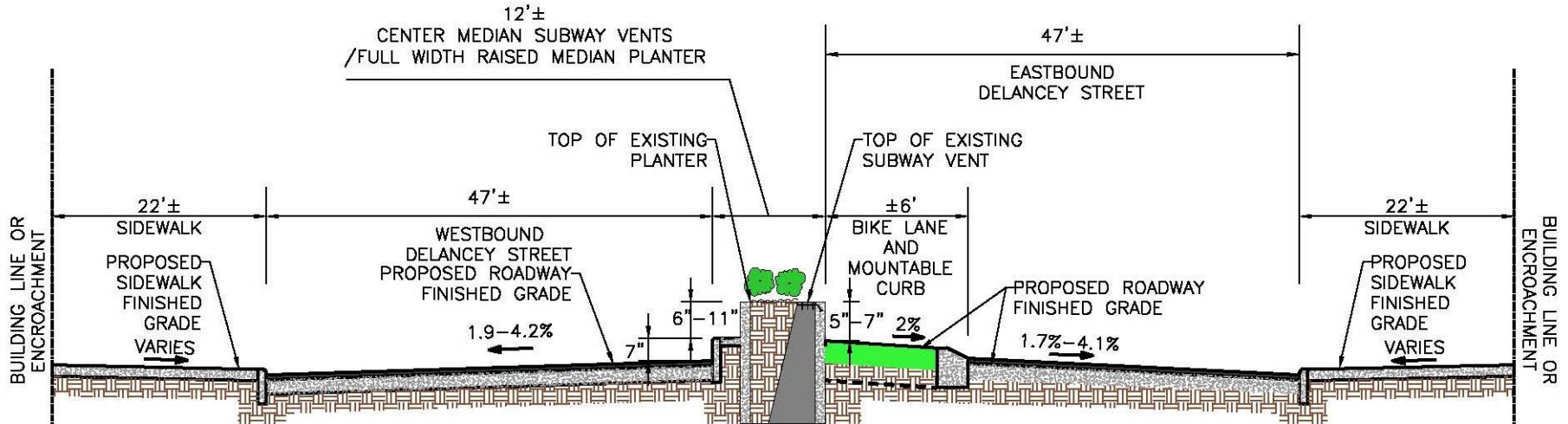
34' WIDE PAVEMENT

PROPOSED CROSS-SECTIONS (No BIKE LANE)



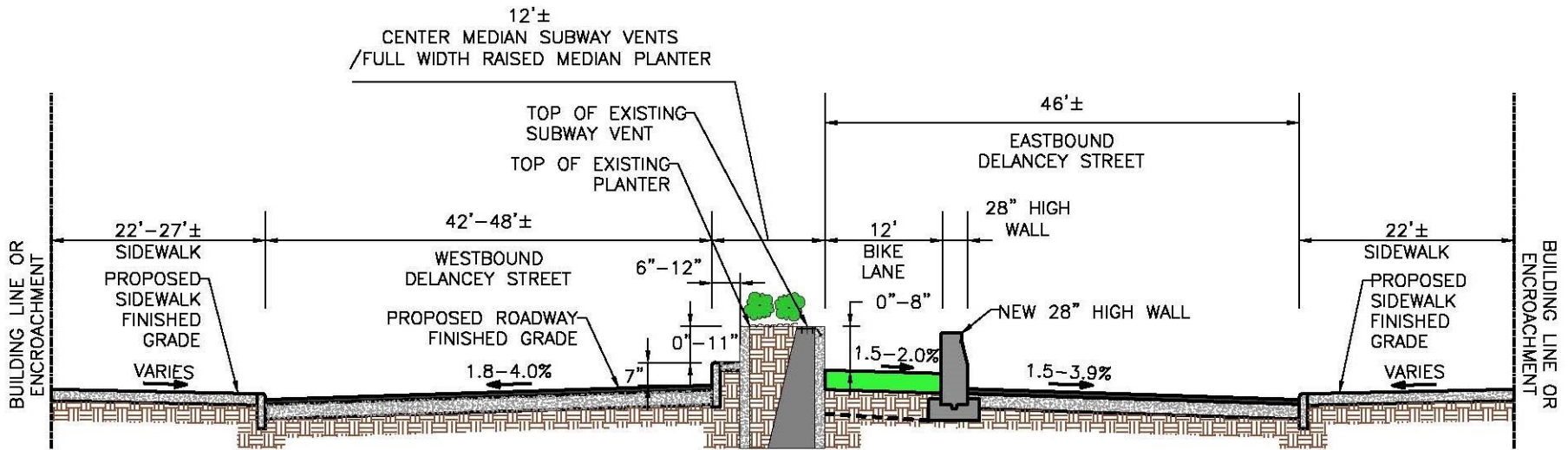
TYPICAL PROPOSED ROADWAY SECTION
LOOKING EAST
BOWERY STREET TO CHRYSTIE STREET
N.T.S.

PROPOSED CROSS-SECTIONS (ONE-WAY BIKE LANE)



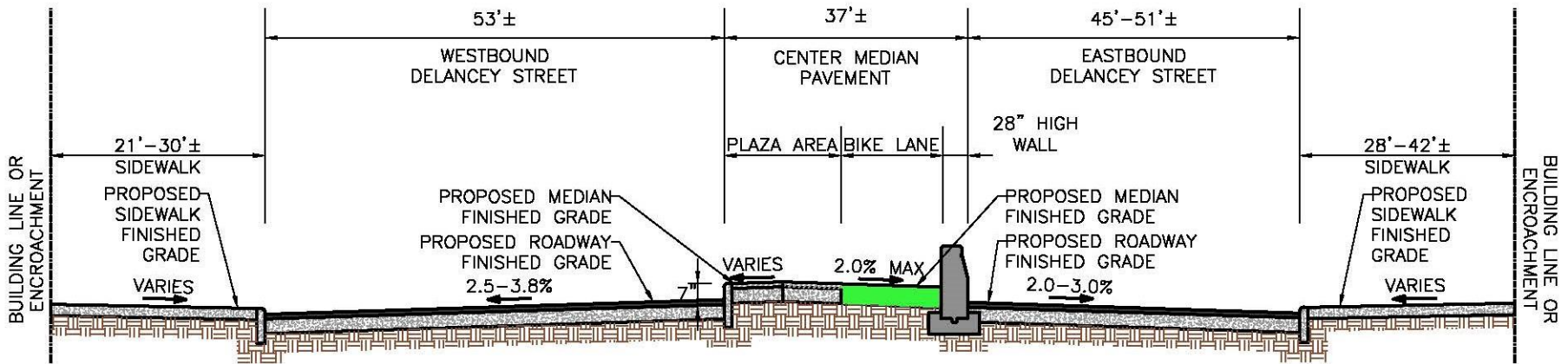
TYPICAL PROPOSED ROADWAY SECTION
LOOKING EAST
CHRYSTIE STREET TO ALLEN STREET
N.T.S.

PROPOSED CROSS-SECTIONS (TWO-WAY PROTECTED BIKE LANE)



TYPICAL PROPOSED ROADWAY SECTION
LOOKING EAST
ALLEN STREET TO SUFFOLK STREET
N.T.S.

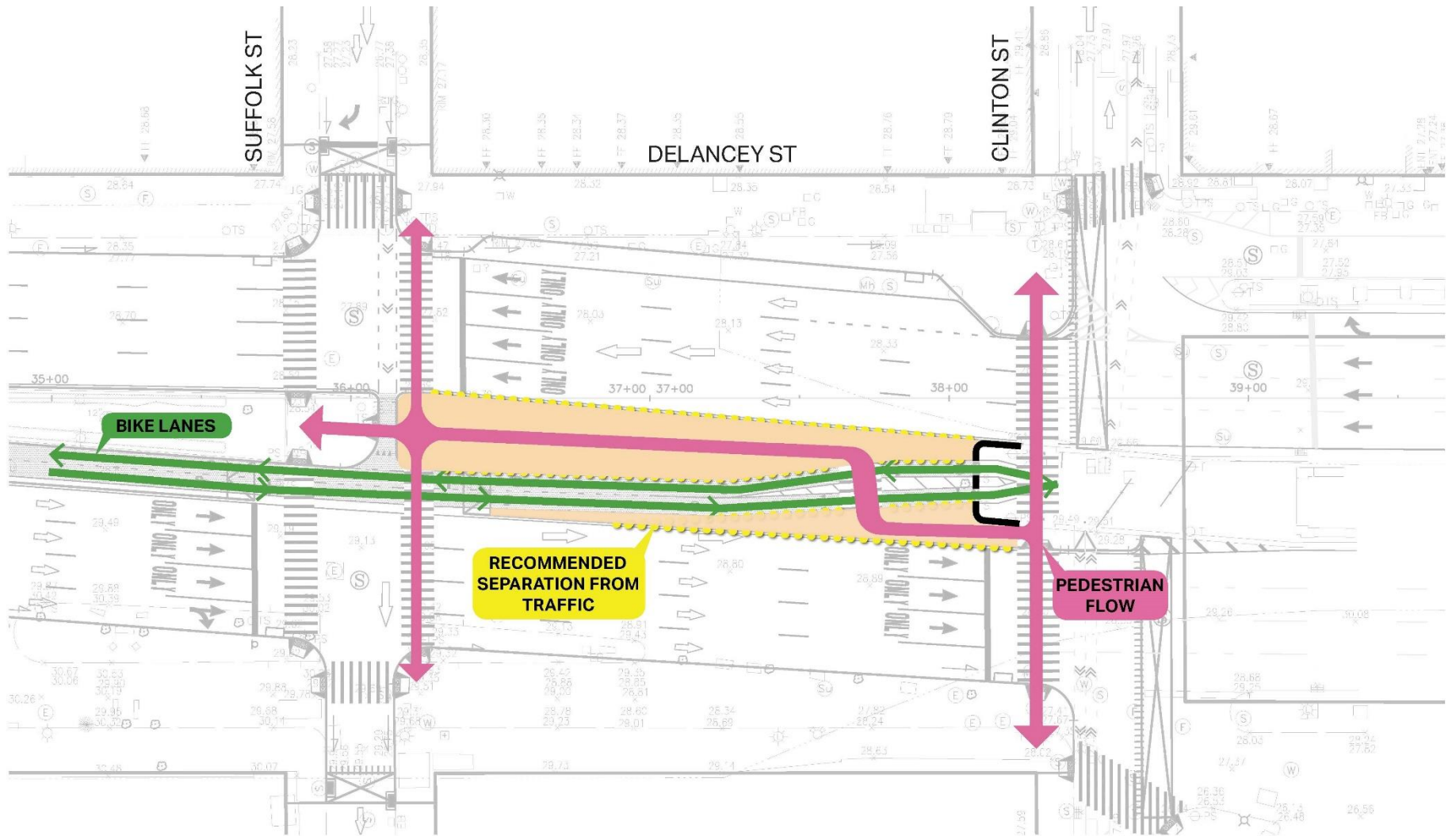
PROPOSED CROSS-SECTIONS (PLAZA AND BIKE LANE)



TYPICAL PROPOSED ROADWAY SECTION
LOOKING EAST
SUFFOLK STREET TO CLINTON STREET
N.T.S.

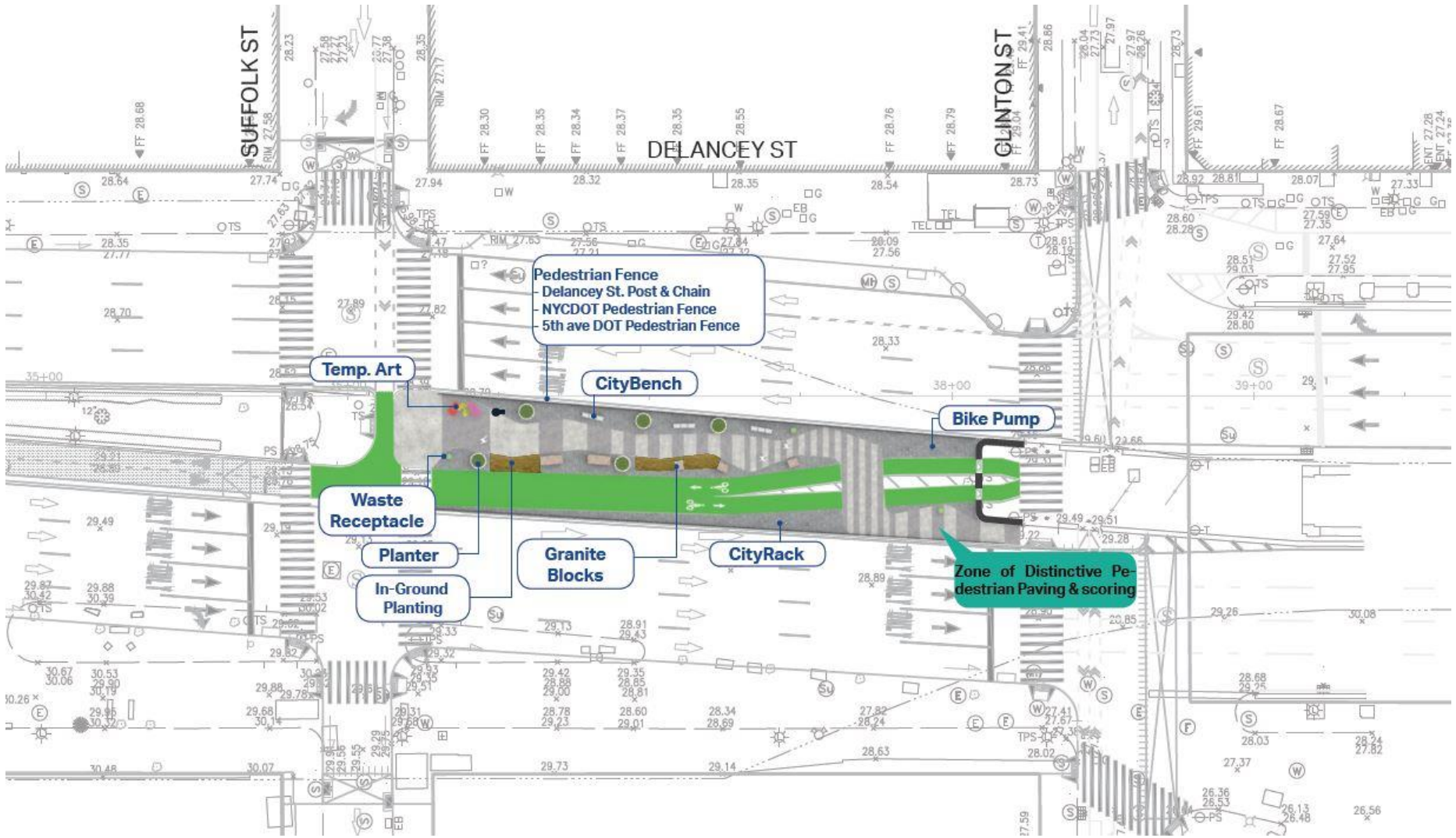
CONCEPTUAL PLAZA DESIGN

SITE ANALYSIS – PEDESTRIAN SAFETY



CONCEPTUAL PLAZA DESIGN

DESIGN ELEMENTS

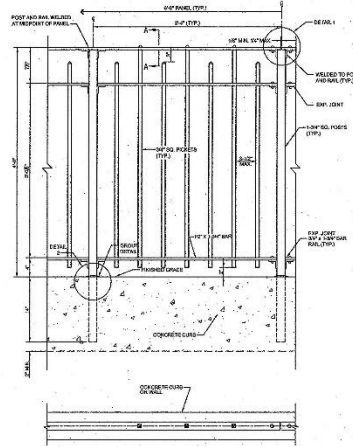


CONCEPTUAL PLAZA DESIGN

PEDESTRIAN FENCE OPTIONS



DELANCEY STREET POST AND CHAIN FENCE



DOT STANDARD BAR PICKET FENCE (4' HIGH)
DRAWING #H-1017



ALTERNATIVE PEDESTRIAN FENCE
MIDTOWN 5TH AVE

CONCEPTUAL PLAZA DESIGN

SITE FURNISHINGS



CITY BENCH



CITY RACK



BIKE PUMP



GRANITE BLOCK



WASTE RECEPTACLE

CONCEPTUAL PLAZA DESIGN

PLANTERS



TYPICAL NYCDOT APPROVED STEP PLANTER
VENDOR: TERRACAST



MODULAR SEATING AND PLANTERS IN TIMES SQUARE

CONCEPTUAL PLAZA DESIGN

SPECIAL PAVEMENTS



BROADWAY BETWEEN COLUMBUS CIRCLE AND 58TH



SUNSET TRIANGLE IN LA

CONCEPTUAL PLAZA DESIGN

PRECEDENT - SITE FURNISHINGS



FLATIRON PLAZA



FLATIRON PLAZA

CONCEPTUAL PLAZA DESIGN

PRECEDENT – PEDESTRIAN PLAZA



TIMES SQUARE'S PEDESTRIAN PLAZA



PAINTED
PAVEMENT

PAVING AND
SEATING

CONCEPTUAL PLAZA DESIGN

PRECEDENT – PLAZA AS EVENT SPACE



PEARL STREET TRIANGLE

PROJECT FUNDING

- Construction Cost (estimated)
 - Highway (DOT Work): \$19,400,000
 - Utilities (DEP Work): \$3,500,000

PROJECT MILESTONES

- Design Completion – December 2019
- Construction Start – Fall 2020
- Construction Duration – 36 Months