

CHINATOWN CONNECTIONS

通達華埠

CB3 TRANSPORTATION
COMMITTEE PRESENTATION

7/14/2026



AGENDA

- 1. Project Overview**
- 2. Community Engagement**
- 3. Chinatown Welcome Gateway**
- 4. Redesign of Kimlau Sqaure**

PROJECT OVERVIEW

CHINATOWN DOWNTOWN REVITALIZATION INITIATIVE

The Chinatown Downtown Revitalization Initiative (“DRI”) Strategic Investment Plan was developed in 2022 through robust coordination with local community members, organizations, and businesses. It highlights eleven projects aimed at improving the quality of life and economic opportunity for the area’s diverse residents, workers, entrepreneurs, and attracting visitors beyond.

Public Realm Improvement Goals:

- Support needs of community and local economy
- Bolster neighborhood identity and culture
- Improve quality of life
- Support connections with surrounding communities

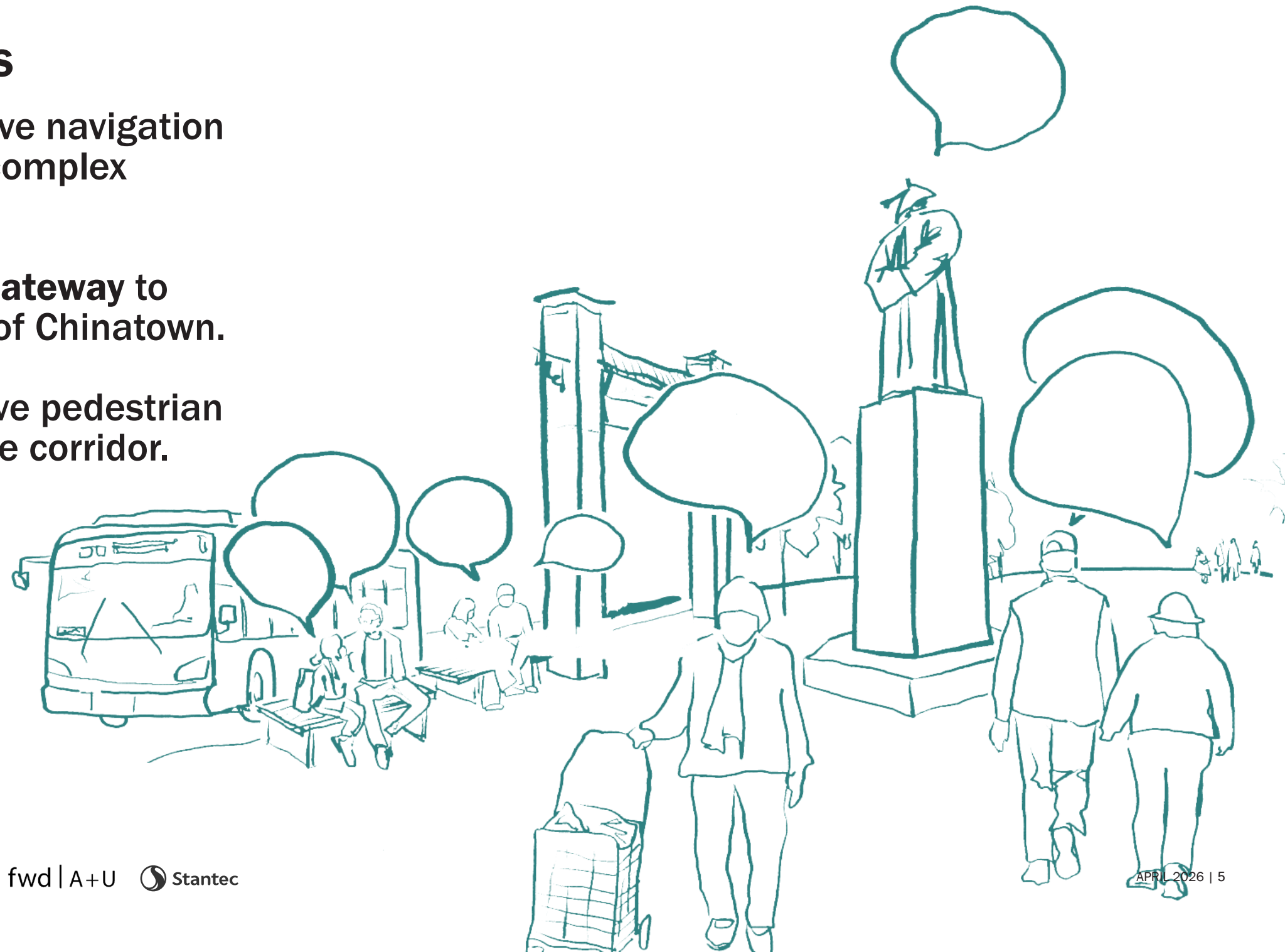


CHINATOWN CONNECTIONS

NYCEDC, on behalf of NYCDOT, will implement multiple public realm improvements in the Chinatown neighborhood proposed within the DRI Plan.

CHINATOWN CONNECTIONS PROJECTS

- **Redesign of Kimlau Square** to improve navigation and expand public space within the complex intersection geometry.
- **Creation of a Chinatown Welcome Gateway** to commemorate the cultural heritage of Chinatown.
- **Beautification of Park Row** to improve pedestrian experience and accessibility along the corridor.



REDESIGN OF KIMLAU SQUARE

- Realignment of Chatham Sq traffic intersection to address public safety and significant pedestrian traffic.
- Redesign and expansion of Kimlau Sq to increase access to public space.
- Relocation of the Kimlau War Memorial Arch
- Restoration and relocation of the Lin Ze Xu Statue



CREATION OF CHINATOWN WELCOME GATEWAY

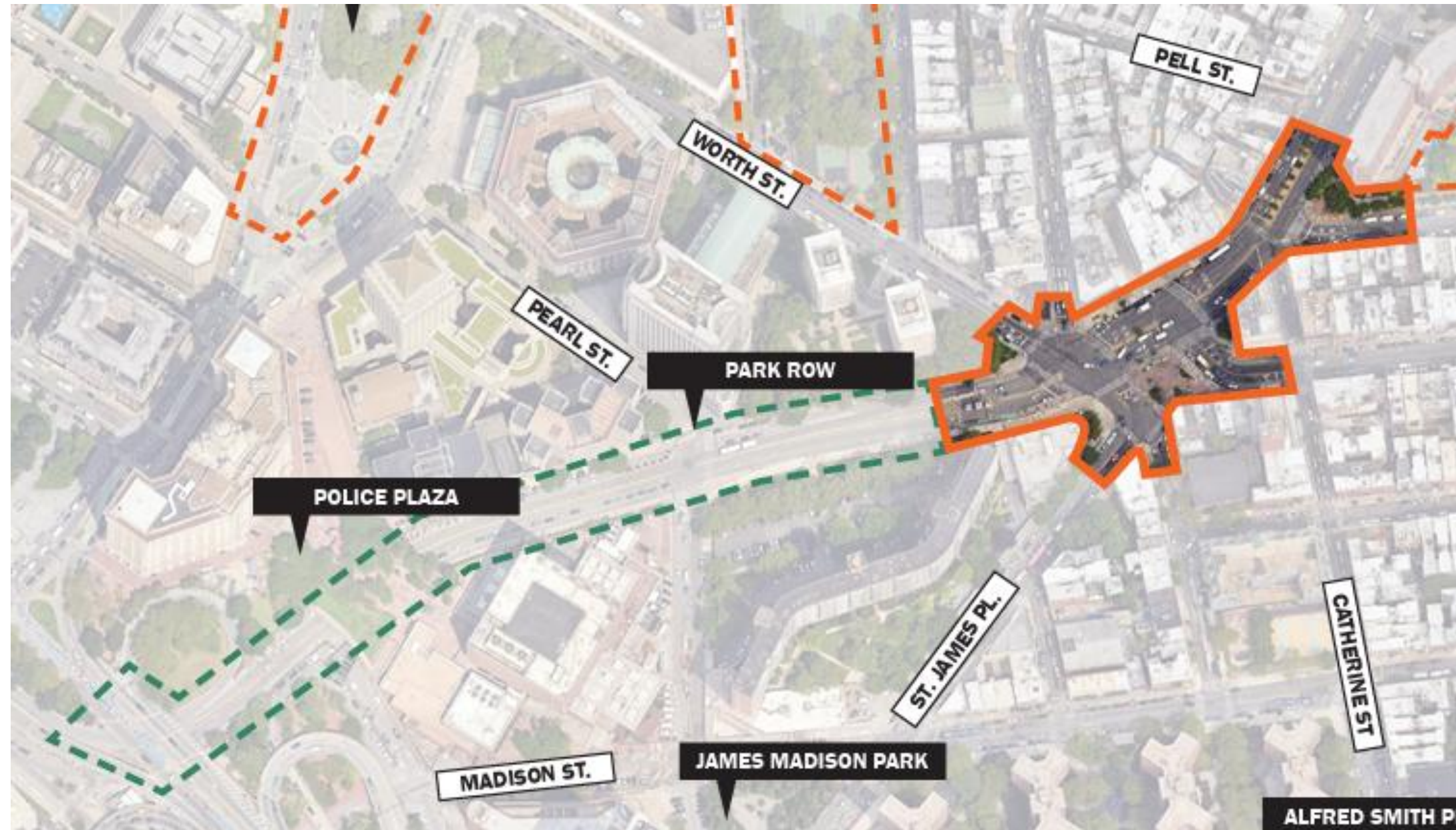
- NYCEDC in collaboration with the **Department of Cultural Affairs (DCLA)** undertook an Artist Selection following the **Percent for Art** process.
- Create a Gateway within Kimlau Square to highlight Chinatown's cultural heritage.
- Finalize an integrated design concept of the Welcome Gateway based upon:
 - Existing Conditions Assessment
 - Overall Design Development
 - Artist-Architect Collaboration
 - Community Engagement

Jennifer Wen Ma

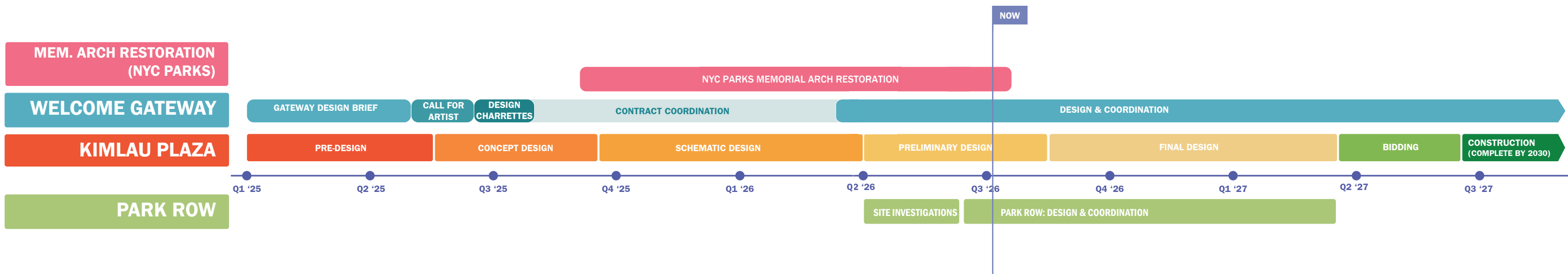


BEAUTIFICATION OF PARK ROW

- A third NYSDOS DRI Grant Project Component awarded **\$4M** to implement moveable streetscape elements to beautify and improve pedestrian accessibility along Park Row
- The existing right-of-way will remain to allow for MTA buses with **interventions limited to existing pedestrian path and sidewalk along Park Row.**
- The limits includes the expanse between the Brooklyn Bridge and Kimlau Square.



PROJECT TIMELINE



COMMUNITY ENGAGEMENT

The team conducted 66 outreach and engagements across Chinatown between 2025-2026

- Community Stakeholders Walk-Through
Public Meeting
CCWG + CB
Online Survey
Stakeholder Meetings
Local Residents
- Pop-ups

 - Kimlau Square #1, #2, #3
 - Transfiguration Church
 - Columbus Park
 - Confucius Plaza
 - Chinatown Supermarket
- Tabling

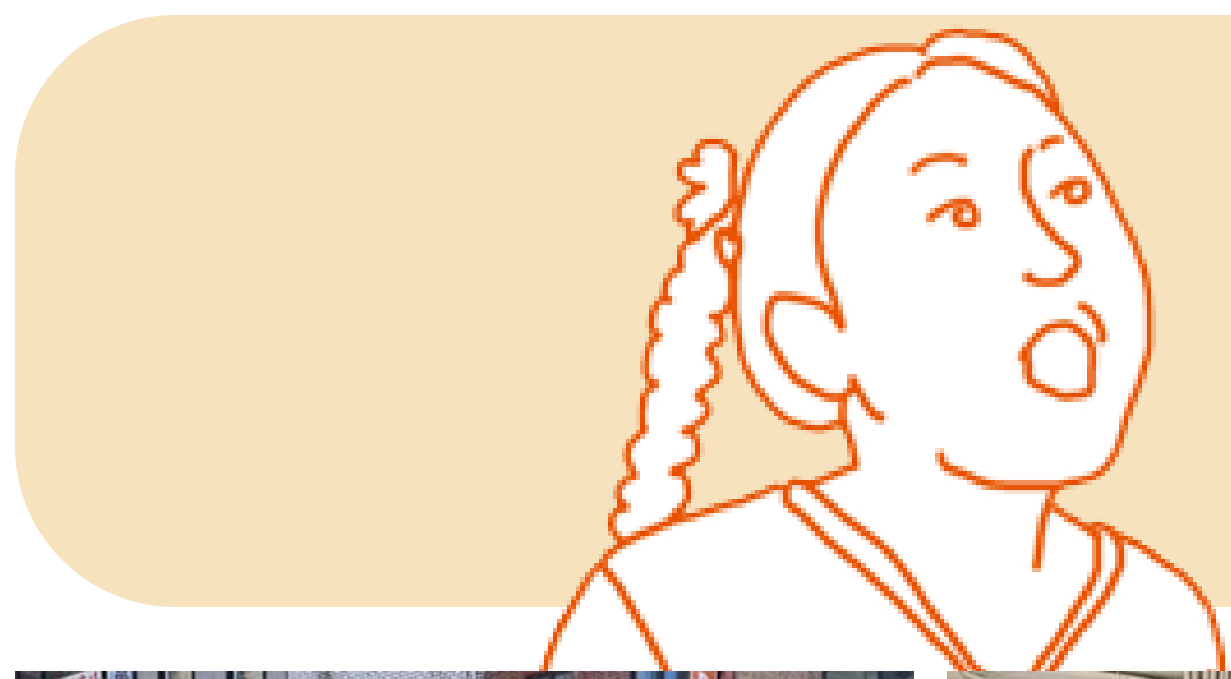
 - Smith Houses
 - Gotham Park Block Party
 - Chinatown Bid Pell Open Street
 - 80th Anni. of the AL, Lt. B.R. Kimlau Chinese Memorial Post 1291
 - E.E.E. Festival
 - BID Summer Refreshing Weekend
 - Chinatown Block Party
 - AL Veterans Day
- Senior Center

 - CPC's Open Door Senior Center
 - VHS Chinatown NNORC
 - 100 Gold St.
- Schools

 - P.S. 124
 - P.S. 130
 - CPC Christie St. After-school Program
- Gateway

 - Artist Selection Info Sessions
 - Artist Selection Charrettes
 - 1 on 1 with Stakeholders, Local Artist, Residents





THROUGH 2025 AND 2026, THE TEAM CONDUCTED 66 OUTREACH AND ENGAGEMENTS ACROSS CHINATOWN



66 OUTREACH AND ENGAGEMENTS

GROUPS ENGAGED:
SENIORS, CHILDREN, COMMUNITY MEMBERS, RESIDENTS, ELECTED OFFICIALS, VISITORS

700+ PEOPLE ENGAGED

332+ WRITTEN COMMENTS

268 VOTES ON DESIGN ELEMENTS

148 SURVEY RESPONSES

2025

FEBRUARY

- 1. CCWG 6 (2/19/25)

MARCH

- 2. Stakeholders: Walk Though (3/21/25)
- 3. Public Meeting #2 PS001 (3/29/25)
- 4. Online Survey (3/29/25 - 6/30/25)

APRIL

- 5. Pop-Up: Kimlau Square #1 (4/8/25)
- 6. Pop-Up: Transfiguration Church (4/8/25)
- 7. Senior Center: NNORC Advisory Board Meeting (4/16/25)
- 8. Pop-Up: Columbus Park (4/17/25)
- 9. Pop-Up: Confucius Plaza (4/17/25)
- 10. Pop-Up: Chinatown Supermarket of Manhattan (4/18/25)
- 11. Pop-Up: Kimlau Square #2 (4/18/25)
- 12. School: PS130 (4/21/25)
- 13. School: PS124 (4/22/25)
- 14. Tabling: Earth Day Event at Smith Rec Center (4/23/25)
- 15. Senior Center: Open Door (4/24/25)
- 16. School: Chrystie St SACC (4/25/25)
- 17. Pop-Up: Kimlau Square #3 (4/26/25)
- 18. Tabling: 80th Anni. Of the American Legion, Lt. B. R. Kimlau Chinese Memorial Post 1291 (4/26/25)
- 19. Tabling: Chinatown Bid Pell Open Street (4/26/25)

MAY

- 20. Tabling: Gotham Park Block Party (5/3/25)
Press Release: Gateway Artist Selection (5/3/25)
- 21. Senior Center: NNORC VNS Health (5/6/25)
- 22. Gateway Artist Info Session at American Legion (5/19/25)
- 23. Gateway Artist Info Session at Think! Chinatown (5/22/25)

JUNE

- 24. Tabling: EEE Festival (6/15/25)
- 25. Senior Center: 100 Gold St. (6/25/25)
- 26. Gateway Artist Selection Panel Meeting (6/25/25)

JULY

- 27. CCWG 7 (7/16/25)
- 28. Gateway Artist Charrettes Day 1 (7/29/25)
- 29. Gateway Artist Charrettes Day 2 (7/30/25)

AUGUST

- 30. Tabling: BID Summer Refreshing Weekend (8/9/25)
- 31. Tabling: Chinatown Block Party (8/10/25)
- 32. Stakeholders: BID Concept Meeting (8/11/25)
- 33. Stakeholders: BID, AL, UOFAA Concept Meeting (8/20/25)
Press Release: Selected Artist (8/21/25)

SEPTEMBER

- 34. Tabling: Smith House Backpack Giveaway (9/2/25)
- 35. CB1 (9/3/25)
- 36. CB3 (9/9/25)
- 37. Chatham Tower Boards and Residents (9/10/25)
- 38. CCWG 8 (9/17/25)
- 39. Chatham Green Annual Shareholders Meeting (9/18/25)

OCTOBER

- Press Release: Conceptual Design (10/21/25)

NOVEMBER

- 40. Stakeholders: BID - Maintenance and Operation meeting (11/7/25)
- 41. Stakeholders: AL Veterans Day at GoGo Dimsum (11/11/25)

DECEMBER

- 42. Stakeholders: BID - Maintenance and Operation Meeting (12/15/25)

2026

FEBRUARY

- 43. CCWG 9 (2/11/26)

MARCH

- 44. Stakeholders: American Legion - Memorial Arch Relocation (3/9/26)
Press Release: American Legion + UOFAA (3/18/26)

- 45. CCWG 10 (3/18/26)

APRIL

- 46. Stakeholders: BID - Maintenance and Operation Meeting (4/4/26)
- 47. Gateway: BID (4/8/26)
- 48. Gateway: American Legion (4/9/26)
- 49. Gateway: CCBA (4/9/26)
- 50. Gateway: Think!Chinatown (4/23/26)

MAY

- 51. Gateway: Phillip Poon (5/5/26)
- 52. Gateway: Chatham Green (5/6/26)
- 53. Gateway: Chatham Towers (5/8/26)
- 54. Tabling: Gotham Block Party (5/9/26)
- 55. CB3 (5/12/26)
- 56. CB1 (5/21/26)

JUNE

- 57. Gateway: VNS Chinatown NNORC (6/3/26)
- 58. Gateway: CPC Chrystie St. After-School Program (6/3/26)
- 59. Gateway: Smith Houses (6/10/26)
- 60. Gateway: Confucius Plaza (6/11/26)
- 61. Gateway: Gotham Park (6/12/26)
- 62. Gateway: 1 on 1 with Chatham Towers Board President (6/15/26)
- 63. Gateway: 1 on 1 with Chatham Green Board President (6/15/26)
- 64. Gateway: Welcome to Chinatown (6/15/26)
- 65. Gateway: Chinatown Business Leaders (6/15/26)

JULY

- 66. CCWG 11 (7/1/26)

Upcoming:

- Gateway: Schools
- Gateway: Senior Centers
- Gateway: Business Communities
- Gateway: CPC
- Gateway: CMP
- Gateway: Local Residents

DESIGN GOALS

Safe and Connected



Simplify the existing travel patterns in the square to create a more typical intersection and ensure smoother, more direct connections for all roadway users

Celebrate and Share Culture



Develop a cohesive design standard for the square to create a visually distinctive entrance to the neighborhood that highlights the existing memorials and statues and provide a location for a new gateway installation

A Place to Gather



Create a premier, expanded, and more functional open space for Chinatown to better accommodate the plethora cultural festivities and gatherings that occur in the neighborhood.

CHINATOWN WELCOME GATEWAY

CHINATOWN WELCOME GATEWAY DESIGN BRIEF



A public art piece intended to highlight Chinatown, Manhattan’s cultural heritage and fulfill a longstanding community desire for an iconic symbol serving as a beacon and wayfinding feature for visitors.

Overview

- Chinatown welcome gateway subgroup is a group of community leaders that help guide the gateway process from design to implementation.
- The group is organized and supported by NYCEDC, DCLA, and NYSDOS.
- The subgroup developed the design brief after 6 meetings over a six month period.

Members

- Kenny Chan, United Overseas Fujianese Ass'n of America
- Nolan Chang, Community Leader
- Wellington Chen, Chinatown BID/LDC
- Gabe Mui, American Legion – Post 1291
- Raymond Tsang, Chinese Consolidated Benevolent Association
- Cheryl Wing-Zi Wong, Local Artist

PUBLISHED ON: MAY 2, 2025
CALL FOR ARTIST DEADLINE: JUNE 15, 2025

The Design Brief was prepared by the following Consulting Teams: 3x3, Public Works Partners, and Fu Wilmers Design.

CHINATOWN WELCOME GATEWAY

DESIGN BRIEF: DESIGN GUIDELINES

01

MULTIFACETED EXPERIENCE

Ensure the Welcome Gateway is not a monolith but an interactive experience that extends beyond its physical structure.

02

GUIDING SYMBOL

Design the Welcome Gateway to be a clear and recognizable symbol, serving as a beacon and wayfinding feature for visitors.

03

GATHERING SPACE

Design the Welcome Gateway as an integral part of the community, creating a surrounding space that invites community members to gather and rest.

04

CELEBRATE HERITAGE

The Welcome Gateway should honor Chinatown’s rich cultural heritage, celebrate diversity, and foster a sense of belonging.

CHINATOWN WELCOME GATEWAY

DCLA PERCENT FOR ART PROCESS: ARTIST SELECTION

INITIATION	ARTIST SELECTION			DESIGN DEVELOPMENT	
Project Initiation	Artist Selection Panel	Design Charrettes	Artist Selection Meeting	Artist Community Presentation	PDC Conceptual Design Review
- Community Project Brief from EDC to share goals / hopes for the artwork - Community suggests panel members - Community shares artist suggestions to be considered for Panel	Selection Panel (including community Advisory panel members) reviews the previous work of artist pool and votes to select finalists and alternates to invite to participate in Design Charrette	- Community Members attend virtually and may submit questions moderated by DCLA and integrated into the discussions. - Daily debrief at end of charrettes	Community Members participate in discussion as Advisory Panelists, providing feedback and final impressions to inform the final voting selection.	- Conceptual Design presentation by Artist - Q+A with Artist and Feedback from Community Members - Letter of Support requested from Community Board	- PDC meeting is open to the public - Members of the public may provide testimony - PDC votes for Conceptual Design Approval

CHINATOWN WELCOME GATEWAY

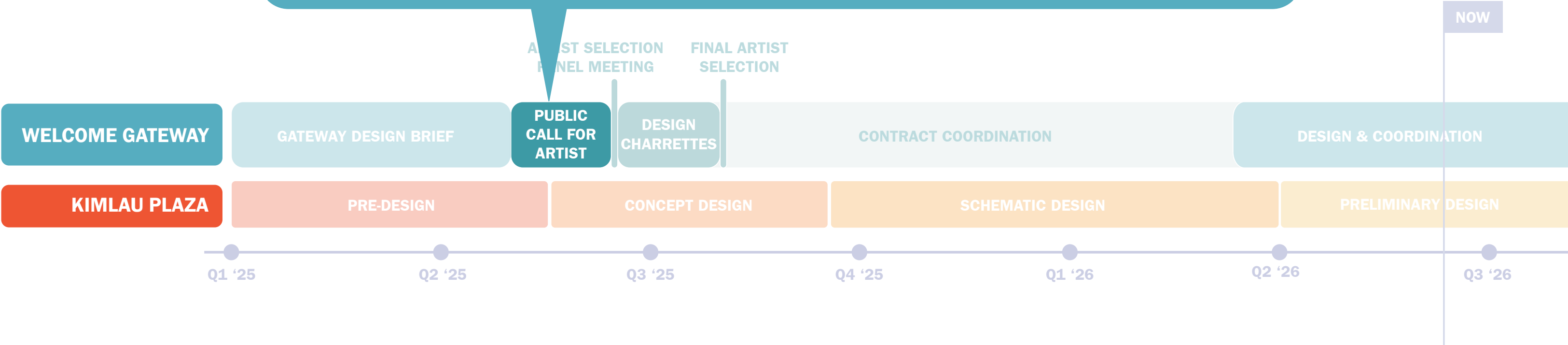
DCLA PERCENT FOR ART PROCESS: ARTIST SELECTION



PUBLIC CALL FOR ARTIST INFO SESSION 1
2025 05 19



PUBLIC CALL FOR ARTIST INFO SESSION 2
2025 05 22



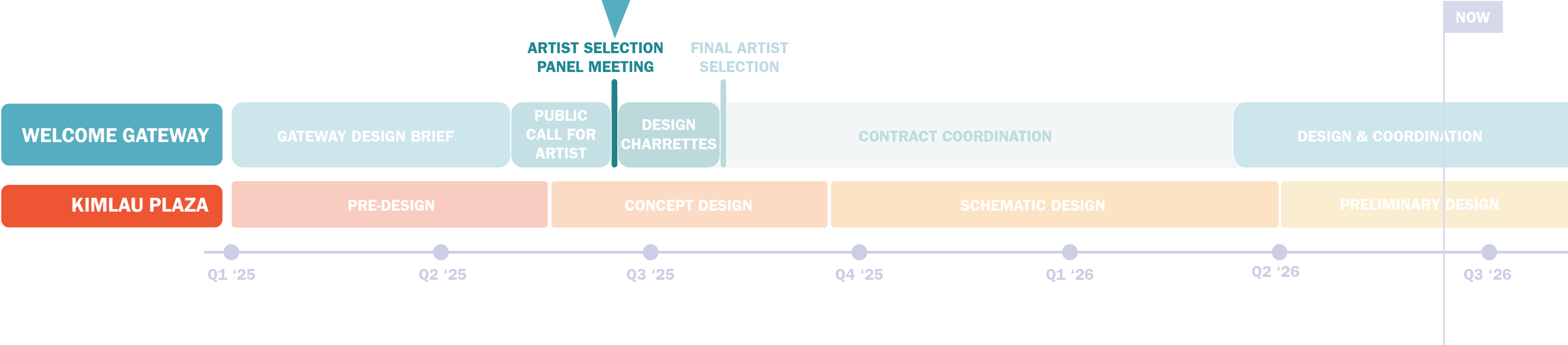
CHINATOWN WELCOME GATEWAY

DCLA PERCENT FOR ART PROCESS: ARTIST SELECTION



ARTIST SELECTION PANEL MEETING 2025 06 25

- PUBLIC INVITED TO ATTEND
- COLLECTIVELY RANKED 30+ ARTISTS PRESENTED BY DCLA
- 50+ COMMUNITY MEMBERS ATTENDED AND PARTICIPATED IN REVIEWING AND SELECTING ARTISTS
- SHORTLISTED 4 ARTISTS AND 2 ALTERNATE CANDIDATES TO PARTICIPATE IN DESIGN CHARRETTE



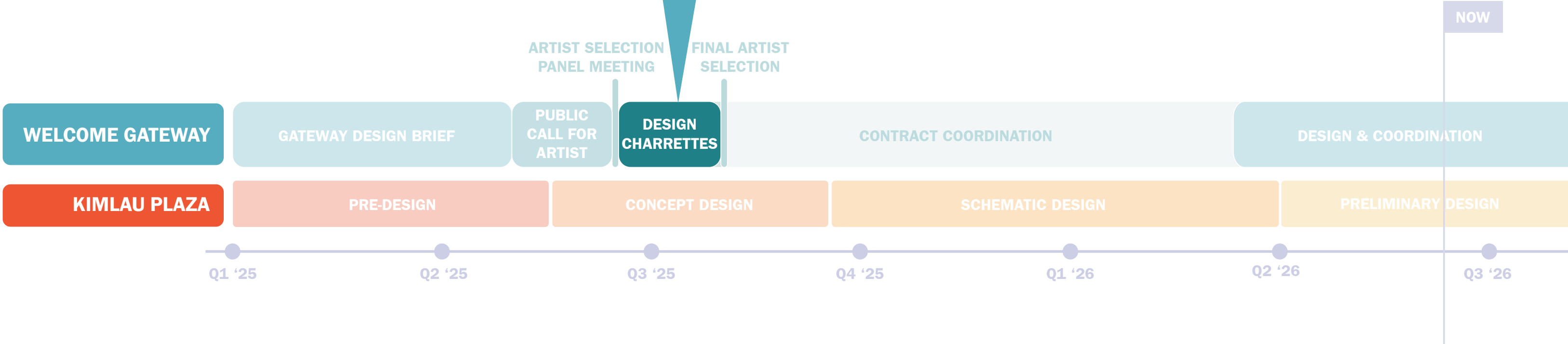
CHINATOWN WELCOME GATEWAY

DCLA PERCENT FOR ART PROCESS: ARTIST SELECTION



ARTIST CHARETTES DAY 1+2 2025 07 29 - 2025 07 30

- 4 ARTISTS INVITED TO PRESENT THEIR WORK
- MEETINGS OPENED TO THE PUBLIC VIRTUALLY
- COMMUNITY SHARED COMMENTS AND THOUGHTS TO INFORM FINAL ARTIST SELECTION



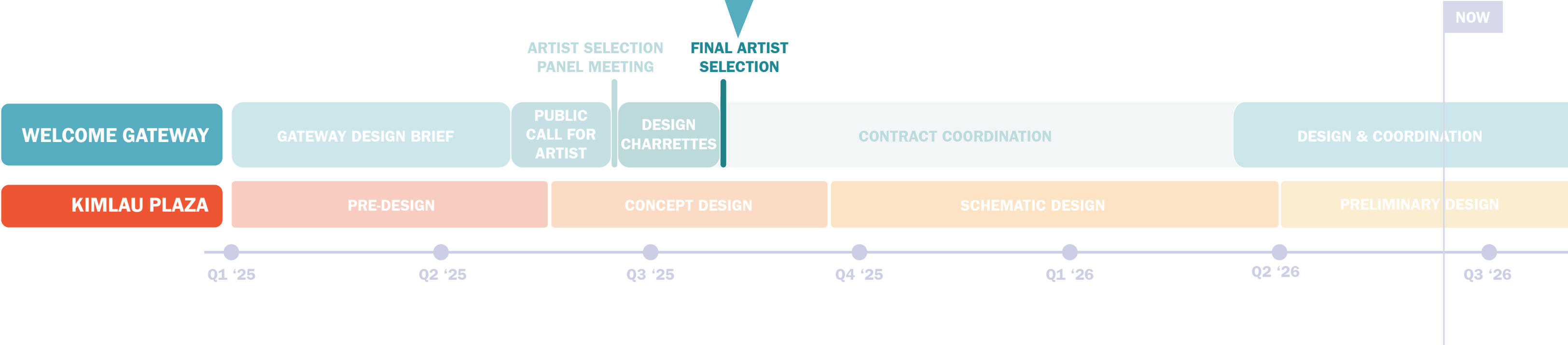
CHINATOWN WELCOME GATEWAY

DCLA PERCENT FOR ART PROCESS: ARTIST SELECTION



FINAL ARTIST SELECTION 2025 08 01

- SELECTION COMMITTEE UNANIMOUSLY SELECTED JENNIFER WEN MA BASED ON COMMUNITY FEEDBACK AS WELL AS PAST EXPERIENCE WITH CHINATOWN



Jennifer Wen Ma: Selected Works



Everchange, projected completion 2029
New York City Public Design Commission for 70 Mulberry Street
New York

Jennifer Wen Ma: Selected Works



A Landscape of Metamorphosis: No End to End, 2022
MGM Cotai
Macau, China

Jennifer Wen Ma: Selected Works



Paradise Interrupted, 2018
Taipei National Theatre and Concert Hall
Taipei, Taiwan

Meetings with Community Stakeholders

- Chinese Consolidated Benevolent Association | April 9th
- Think!Chinatown | April 23th
- Phillip Poon, architect | May 5th
- Chatham Green | May 6th, June 15
- VNS Chinatown NNORC | June 3rd
- CPC Christie St. After-school Program | June 3rd
- Smith Houses | June 10th
- Confucius Plaza | June 11th
- Chatham Towers | June 8th, June 15th
- Gotham Park | June 12th
- Welcome to Chinatown | June 15th
- Chinatown business leaders | June 15th

Upcoming Engagements

- 100 Gold St
- Chinese American Planning Council
- P.S. 124
- Chinatown Manpower Project
- P.S. 130
- Business communities



Artist Jennifer Wen Ma meeting with Confucius Plaza board members and Chinese Chamber of Commerce members



Artist Jennifer Wen Ma and Marvel team's Chit Yee Ng and Ishita Gaur meeting with Fujianese Association and Chinatown business leaders

Meetings with Community Partners

- **American Legion**
April 9th 2026
- **Chinatown BID**
April 8th 2026
- **United Overseas Fujianese Association of America**
June 15th 2026



Artist Jennifer Wen Ma meeting with Chinatown BID and business community

Key Takeaways | What We Have Heard

Would like for the artwork to...

- *“Hold traditional elements of Chinese identity”*
- *“Be iconic and bold”*
- *“Convey the important contribution of veterans to the community”*
- *“Carry the history of Chinatown as part of the storytelling of the artwork/plaza”*
- *“Invite intergenerational members of the community... people at different ages have different needs”*
- *“A ‘welcome’ to all cultures, we welcome you”*
- *Inheritance: “say that ‘this is yours’ to our younger generation”*
- *“Create a sense of belonging... We are here and we built this place from the grounds up”*
- *“Show an immigrant society integrating their old world values into American modernity”*
- *“This place is not just Chinatown, but it's pivotal for so many immigrants”*
- *“Serve as infrastructure for future programming”*
- *“The work should be modern and forward thinking, with balance of classics”*
- *“Express our self-confidence”*
- *“Chinatown is a spiritual home for the larger Chinese or Asian diaspora”*

Key Takeaways | What We Have Heard

Needs and wants for the project

- *“Parade as a ritual that ties in many Chinese traditions”*
- *“Alleviate the chokehold of the congestion of the site”*
- *“Programming to attract continuous flow of visitors to Chinatown”*
- *“Proponent for a sculpture based on Chinese traditions”*
- *“I don't want to walk out of my building and feel like I live in a prison yard”*
- *“The biggest challenge of the project is to have a single unifying element that will rally the complexity of demographics”*
- *“RESPECT of the neighborhood and its history through these new art projects”*
- *“The plaza being programming friendly is key factor for organizations to create ongoing programming”*
- *“Environmentally safe: cleaner and fresher air, less concrete and more trees”*
- *“Night life, since Covid it's hard to find restaurants open late”*
- *“Kids activities not based on spending money”*

Cultural Framework Research

Research | Traditional Gateways

Key research elements serving as inspiration and cultural framework:

- Ancient Chinese philosophy
- Classic Chinese architecture and landscape design
- Other Chinese traditions, such as horticulture and solar terms
- American and global historical references
- Scientific, such as quantum physics
- Contemporary art references
- Astronomical Portals: Chinese and global perspectives



Chinese character for "door" is 門, evolved from the oracle bone script based on a pictograph representing a double-leaf door.

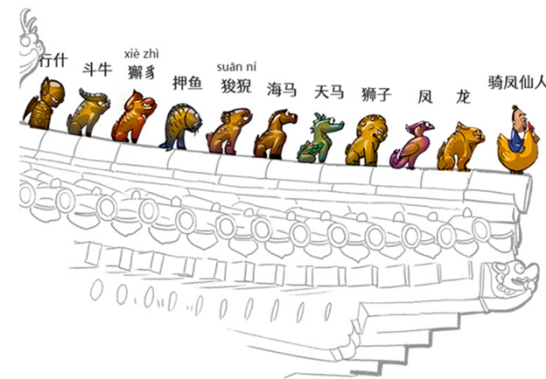
Research | Chinese Philosophy & Hexagram



1



2



3



4

1. I-Ching Hexagram
2. Study of various styles of paifang

3. Traditional Chinese guardian creatures
4. Ruins of Yuanming Palace in Beijing

Research | Chinese Philosophy & Hexagram



5



6



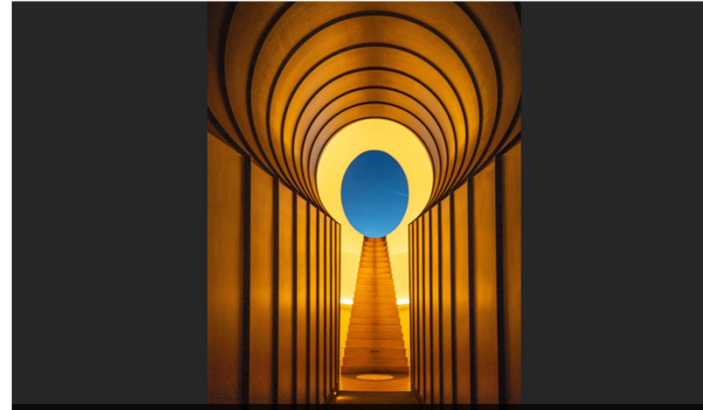
7



8



9



10



11

5. Moon Gate
6. Octagonal Gate

7. Scholar's Rock
8. Historical Manhattan's Map

9. Ziwei Astrological Constellations
10. *Roden Crater* by James Turrell

11. Worm Hole representation

Collaborative Design Process

Art and Design Integration

Since March 2026 Jennifer Wen Ma and her team have been meeting with Marvel weekly to share updates on concept development and explore potential applications to components within the plaza design.

During these meetings, our teams also studied underground infrastructures, security considerations, existing plans and viewing vantage points to identify potential locations for the work.

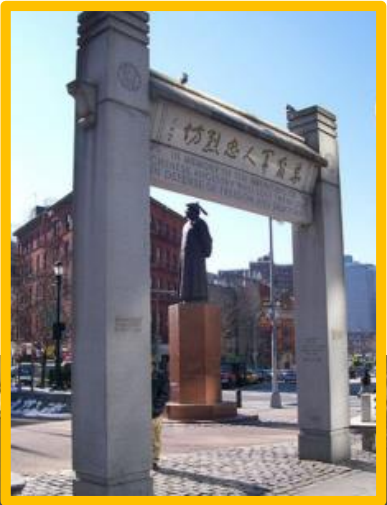
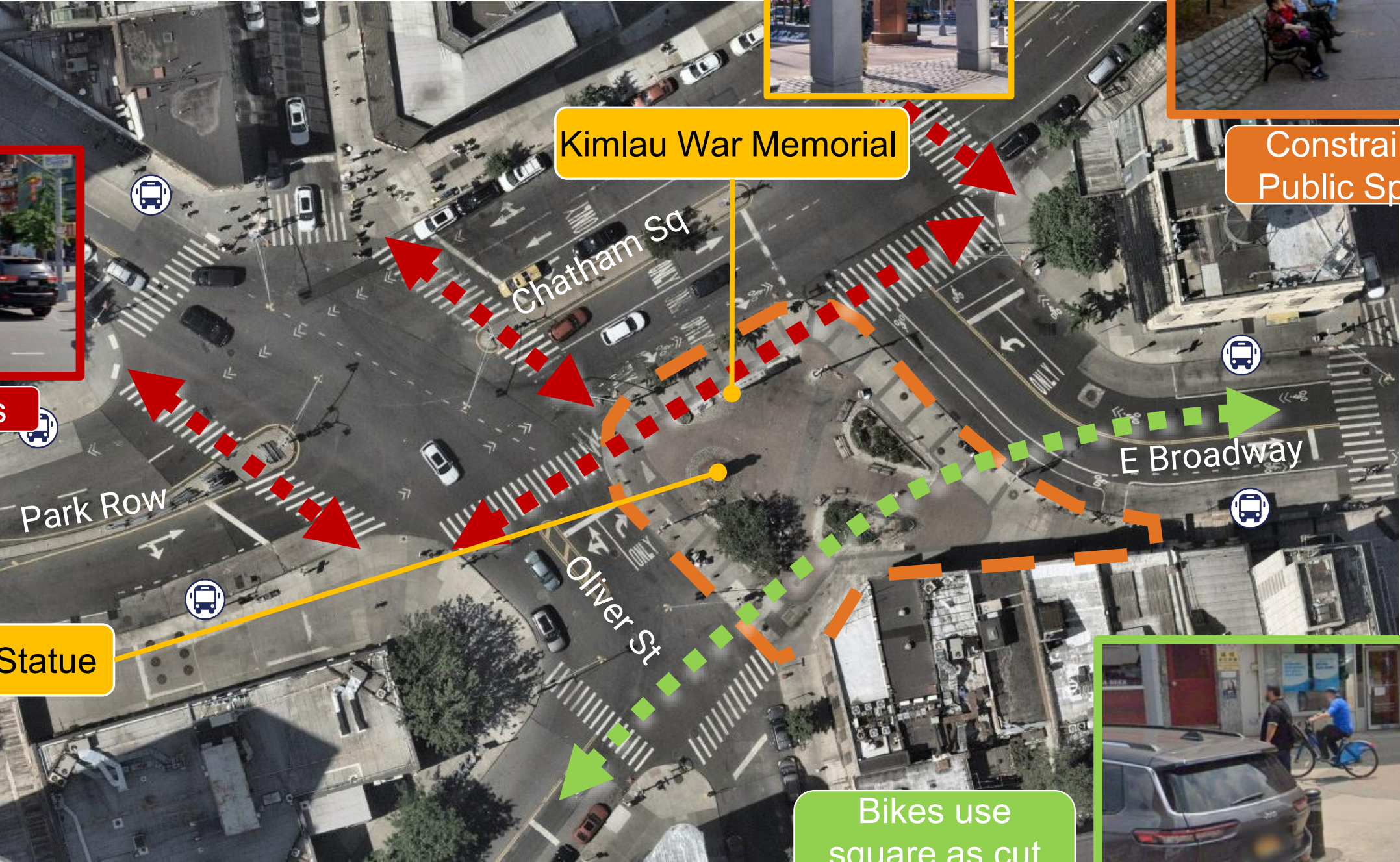
Particular care is given to the consideration of the physicality and location of the gateway artwork in relation to the two existing monuments, Kimlau War Memorial and Lin Ze Xu Memorial, respecting their historical and cultural significance.



Jennifer Wen Ma and Marvel Architects, May 29, 2026

REDESIGN OF KIMLAU SQUARE

KIMLAU SQUARE TODAY



Long Crossings

Constrained Public Space

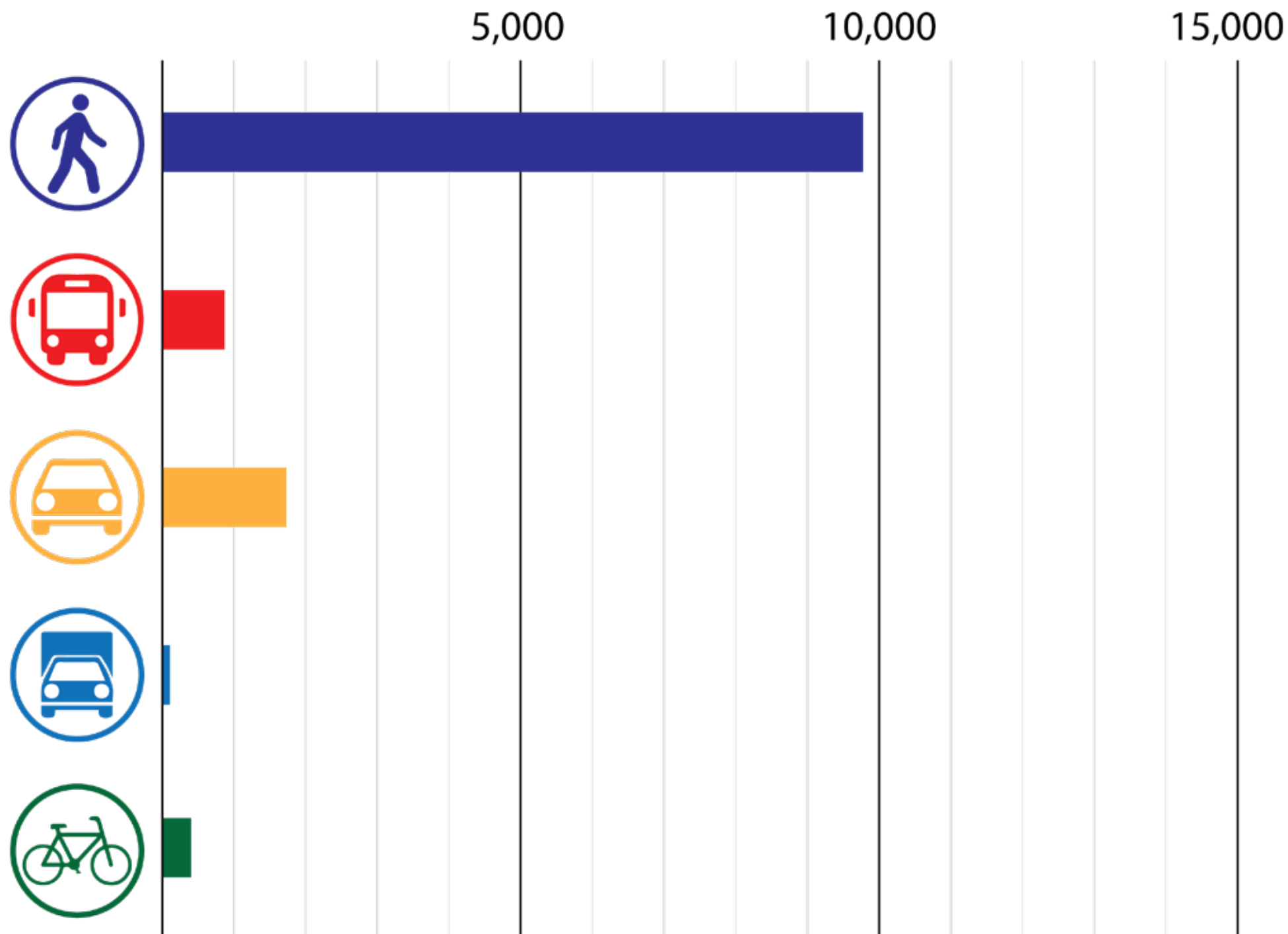


Lin Zexu Statue

Bikes use square as cut through



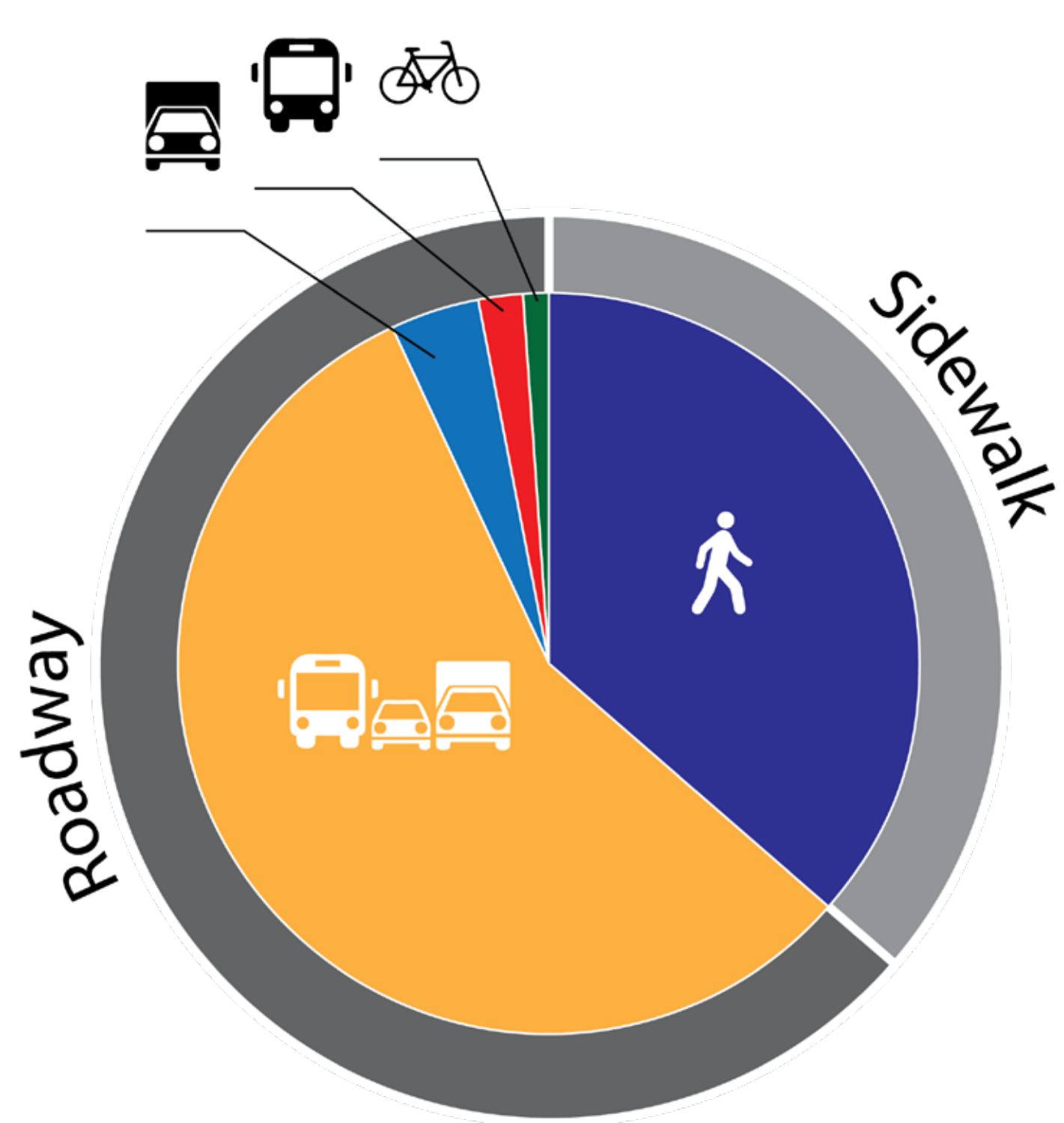
EXISTING KIMLAU SQUARE - USERS AT PM PEAK HOUR



THE SQUARE TODAY IS FULL OF PEOPLE

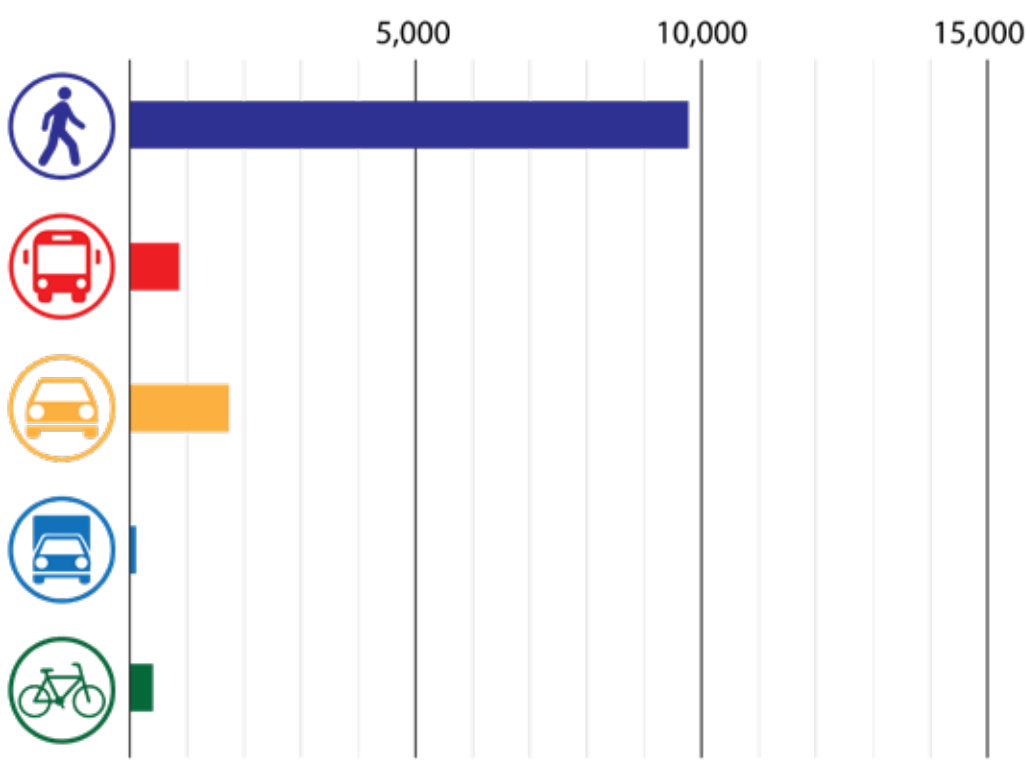
PEDESTRIANS ACCOUNT FOR ALMOST 80% OF USERS

EXISTING KIMLAU SQUARE - ROAD SHARE SPACE CHART



THE CURRENT SQUARE IS MOSTLY ROADWAYS

ONLY 1/3 OF THE SPACE IS FOR PEDESTRIANS



Space shared between different modes - Current

Current Users (PM Peak Hour)

STREET AND PUBLIC SPACE DESIGN PRINCIPLES

- Standard, four-way intersections are safer, more predictable for pedestrians, and function more smoothly.
- Straight, thru-travel movements are safer and more efficient than turning movements.
- Shorter crosswalks reduce exposure and are more accessible/easier to cross for pedestrians, specifically seniors and children.
- Distance between intersections reduce congestion and queuing.
- Larger, consolidated open spaces are more flexible and can better meet a variety of needs.



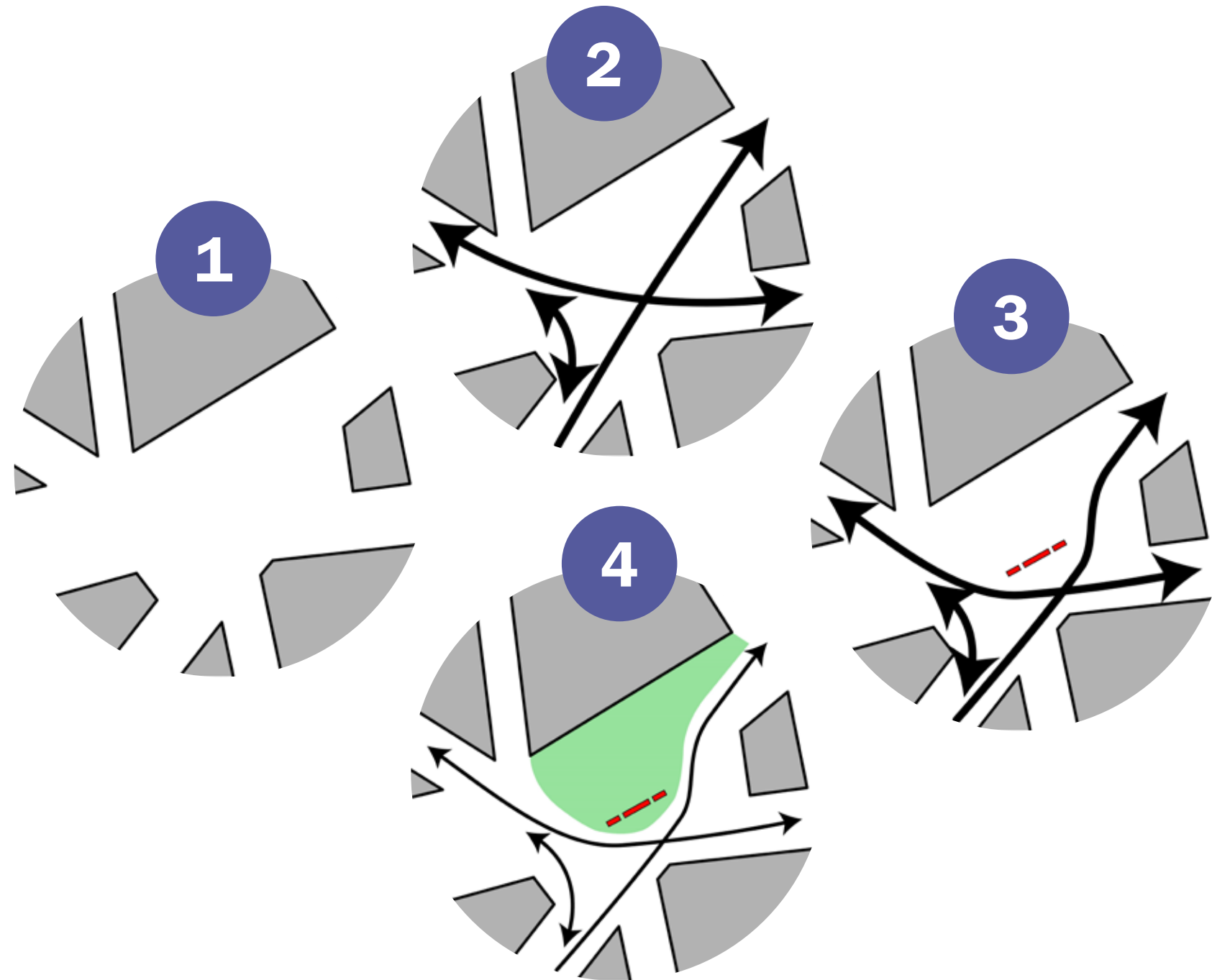
STREET AND PUBLIC SPACE DESIGN PROCESS

1. WORK WITHIN THE EXISTING RIGHT-OF-WAY BOUNDARIES.

2. REALIGN INTERSECTION TO STANDARD FOUR-WAY TRAFFIC MOVEMENTS

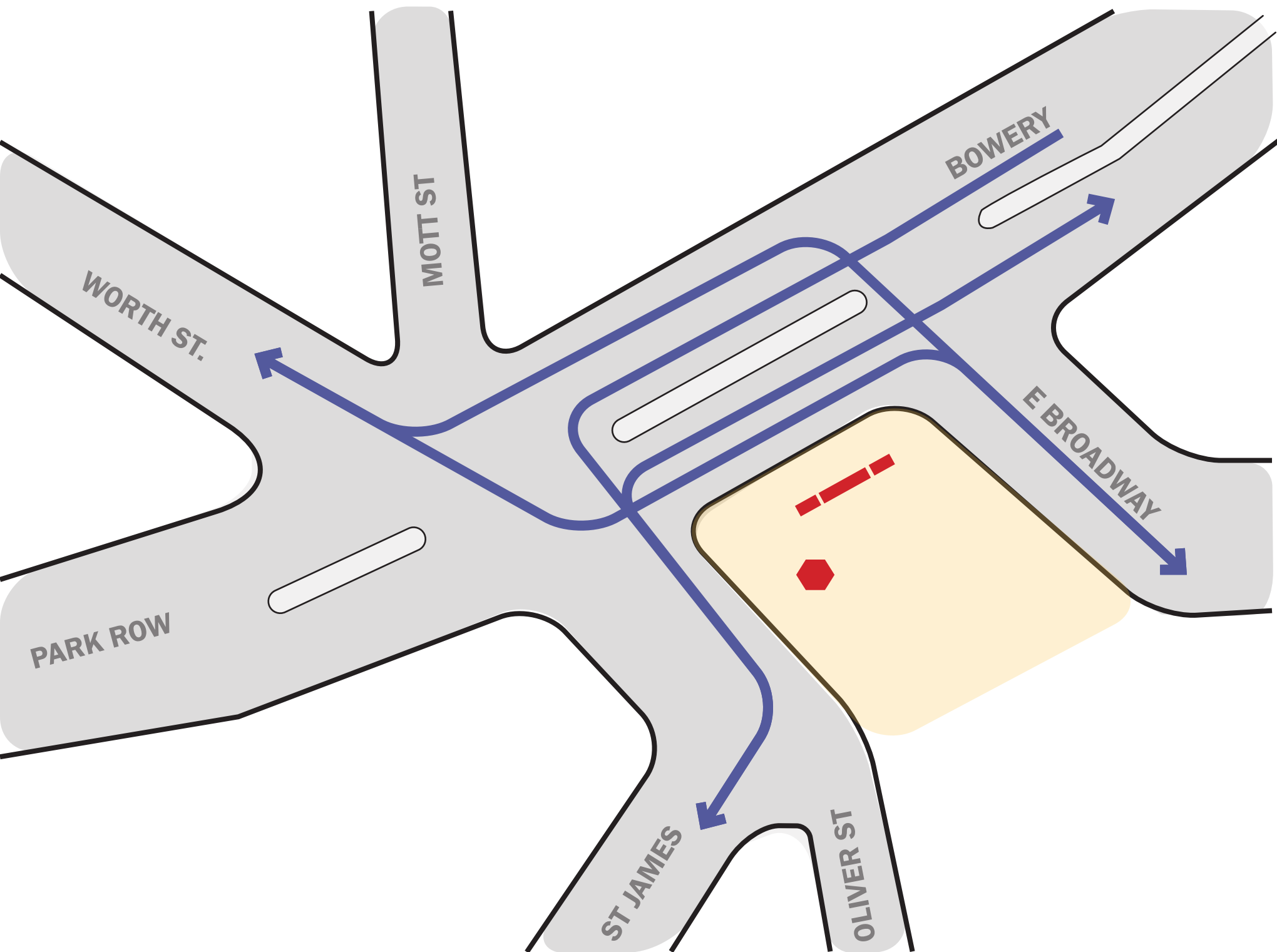
3. RECENTER/RELOCATE MONUMENTS

4. PRIORITIZE PUBLIC SPACE WITHIN THE INTERSECTION



Alternatives Reviewed

Renovate In Place



Does Not Improve Circulation

- Long pedestrian crossings on Bowery
- Complex traffic intersection
- Turning vehicle conflicts with pedestrians
- Key connections require 2 turns

Underground Infrastructure Limitation

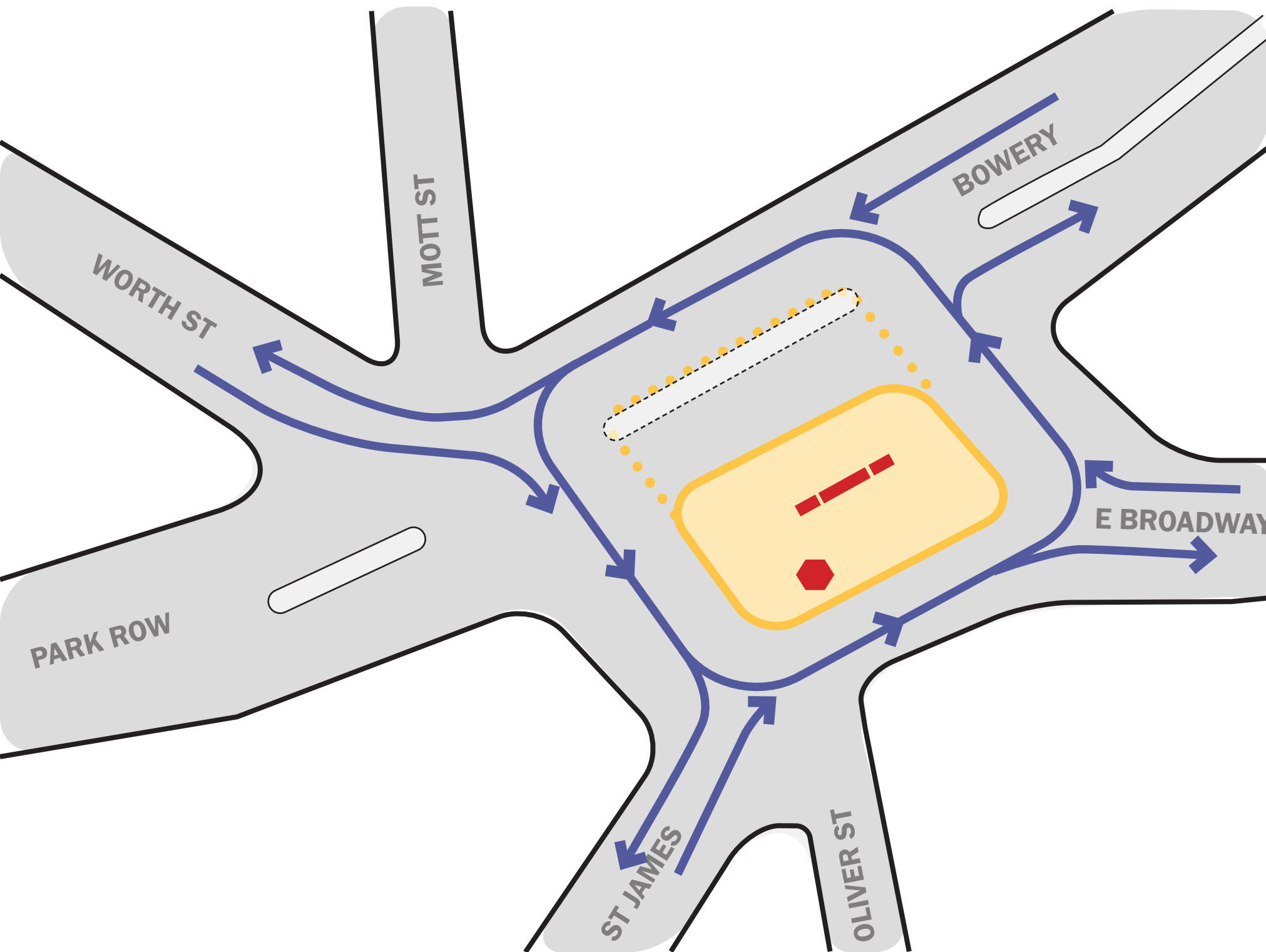
- Limited areas for tree planting
- Plantings must be in raised areas
- DEP and private utility work still needed
- Limited construction timeline benefits

Constrained Public Space

- Limited space for larger events
- Difficult to create buffer from roadways

Alternatives Reviewed

Traffic Circle



Does Not Improve Circulation

- Create more conflicts, reduce pedestrians and cyclists safety
- Long wait to cross street
- Wider roadways needed for large vehicles turning

Underground Infrastructure Limitation

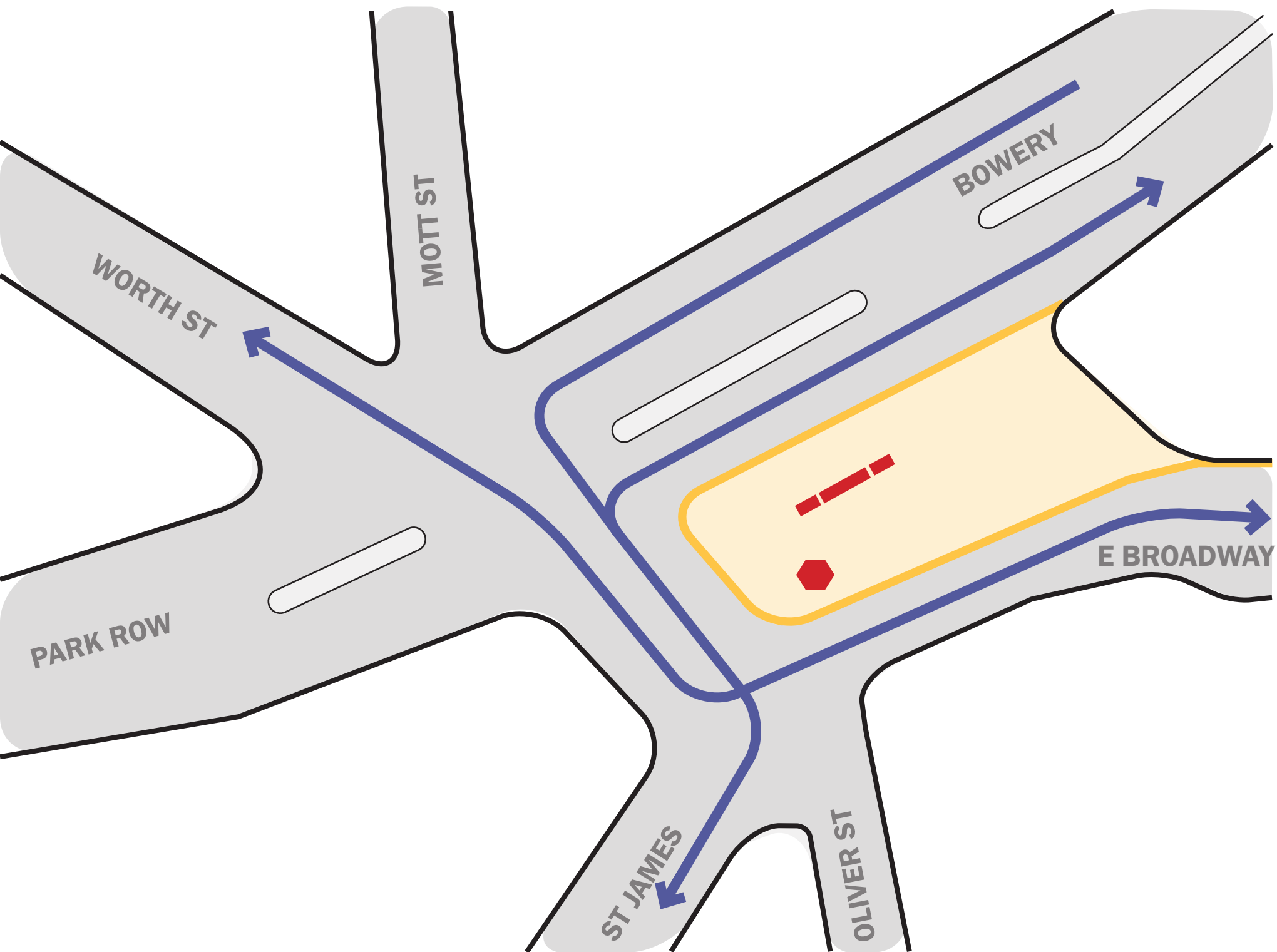
- Limited areas for tree planting
- Plantings must be in raised areas
- DEP and private utility work still needed
- Limited construction timeline benefits

Constrained Public Space

- Smaller footprint will displace existing programming /events
- Surrounded by traffic on all sides.
- Difficult to create buffer from roadways.

Alternatives Reviewed

Expand Plaza to North-east Corner



Does Not Improve Circulation

- Long pedestrian crossings on Bowery.
- Complex intersections
- Turning vehicle conflicts with pedestrians
- Key connections require 2 turns
- New connection between East Broadway and St James only benefits ~2-3% of vehicle trips

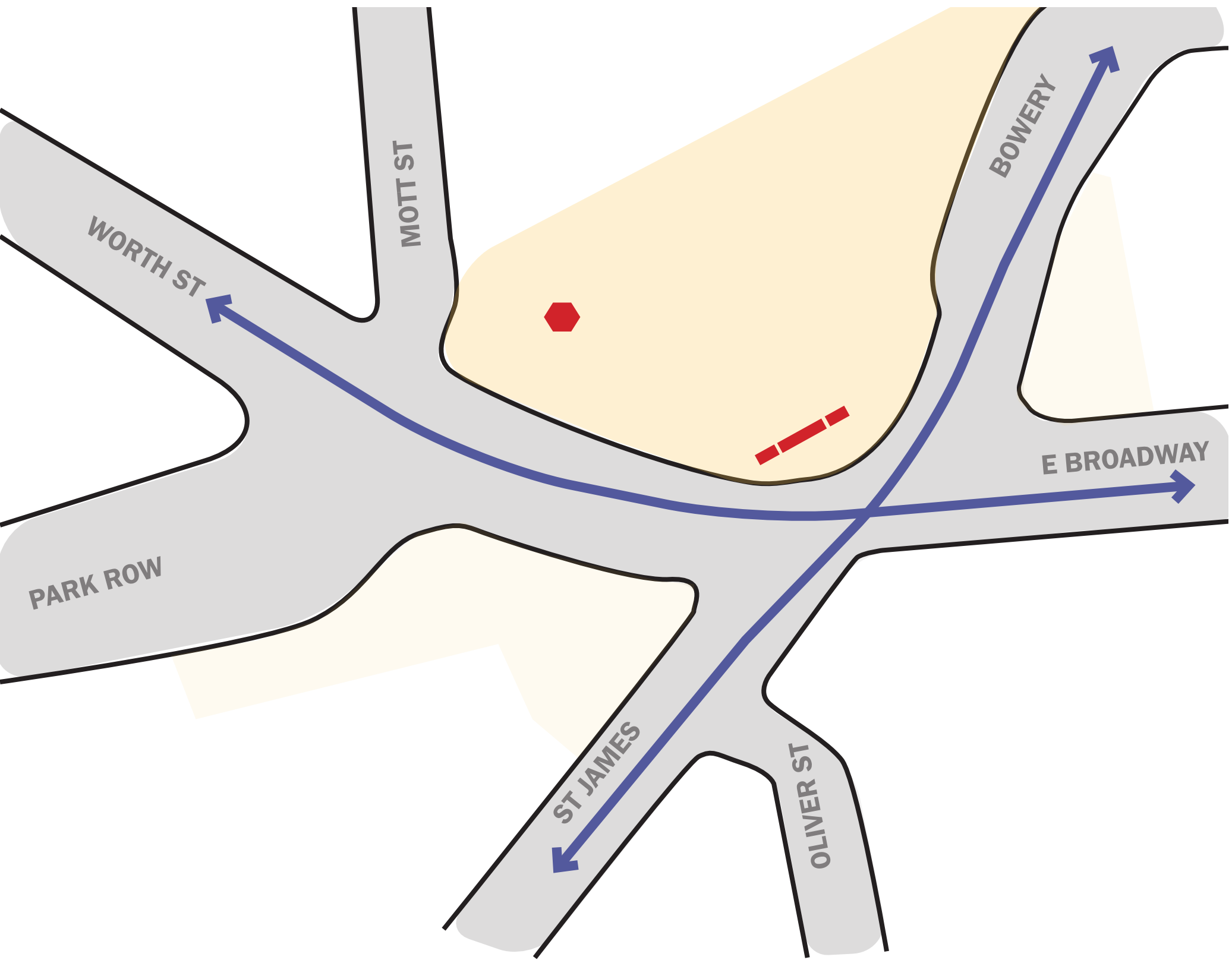
Underground Infrastructure Limitation

- Limited areas for tree planting.
- Plantings must be in raised areas.
- DEP and private utility work still needed.
- Limited construction timeline benefits.

Constrained Public Space

- Smaller footprint will displace existing programming /events
- Surrounded by traffic on three sides.
- Difficult to create buffer from roadways.

Proposed Configuration



Improves Circulation

- Shortens pedestrian crossings
- Simpler intersections
- Reduce conflicts between turning vehicles and pedestrians
- Direct and turn-free key connections

Moves Plaza Away From Complex Underground Infrastructure

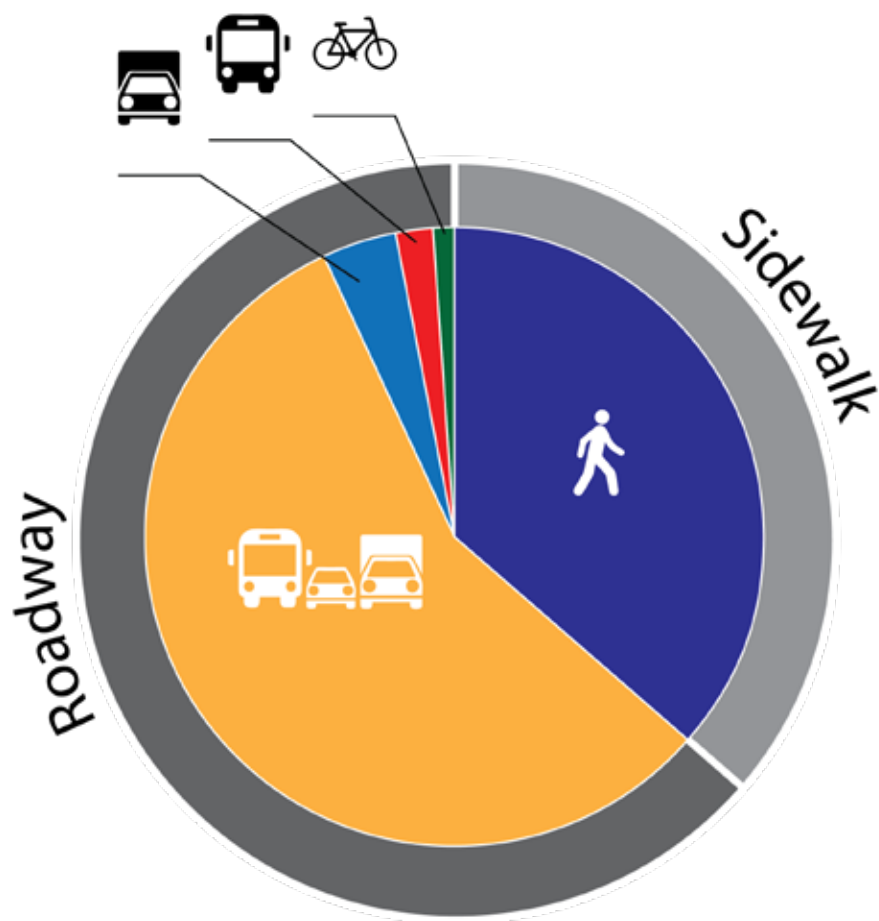
- More opportunities for trees and greenery

Substantially Enlarged Public Space

- Larger gatherings to host events
- Surrounded by traffic on only two side.
- More space to create buffer from roadways
- Additional space provides flexibility for the Gateway Art piece

SPATIAL COMPARISON KIMLAU SQUARE

EXISTING VEHICULAR-CENTERED

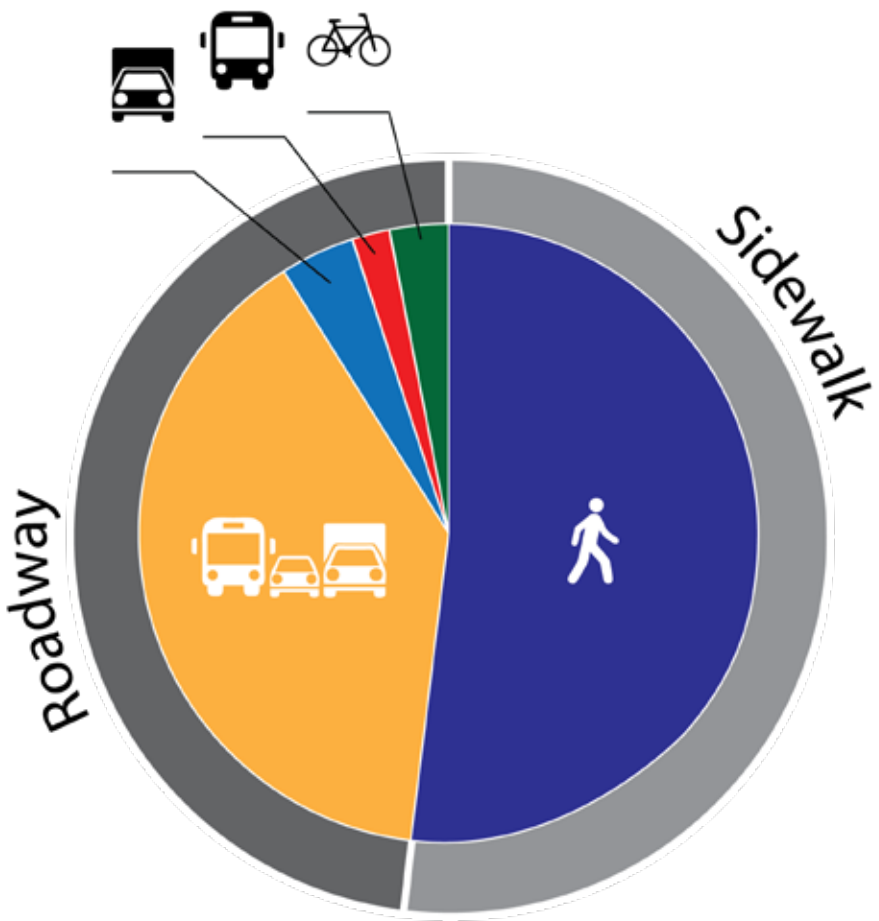


Space shared between different modes - Current

THE CURRENT SQUARE IS MOSTLY ROADWAYS

ONLY 1/3 OF THE SPACE IS FOR PEDESTRIANS

PROPOSED PEDESTRIAN-CENTERED

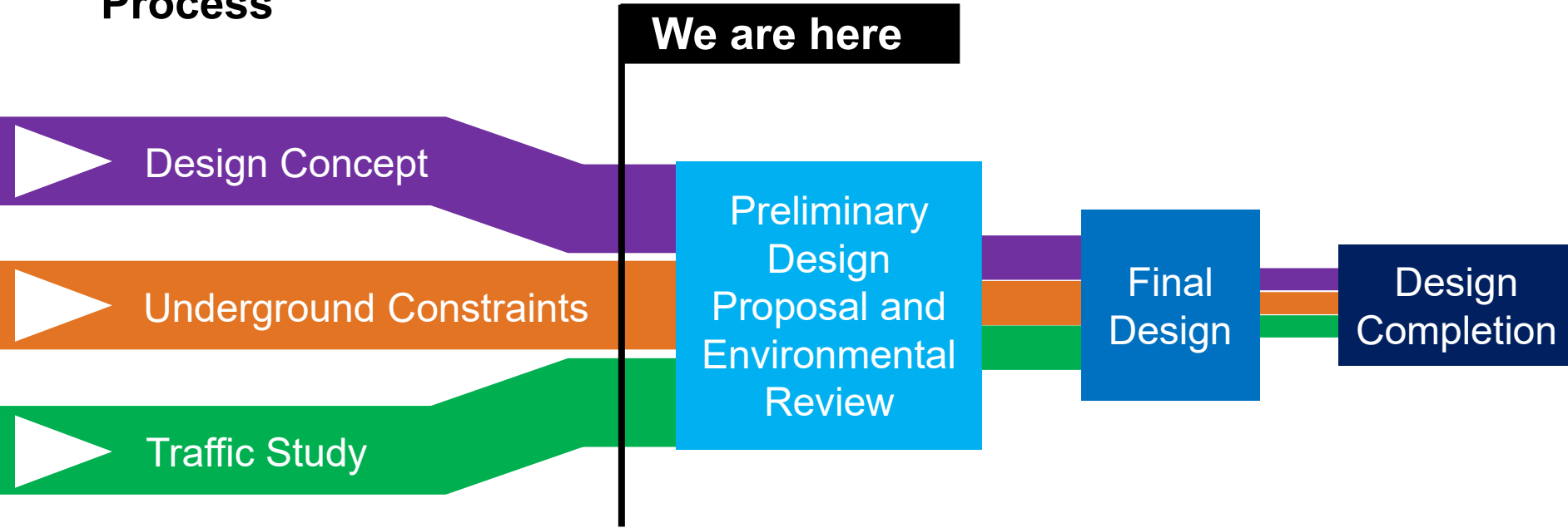


Space shared between different modes - Proposed

A REDESIGN ALLOWS FOR THE CREATION OF A MUCH LARGER OPEN SPACE

FULFILLS THE GOAL OF BETTER ACCOMMODATING CULTURAL FESTIVITIES AND GATHERINGS

Analysis Process

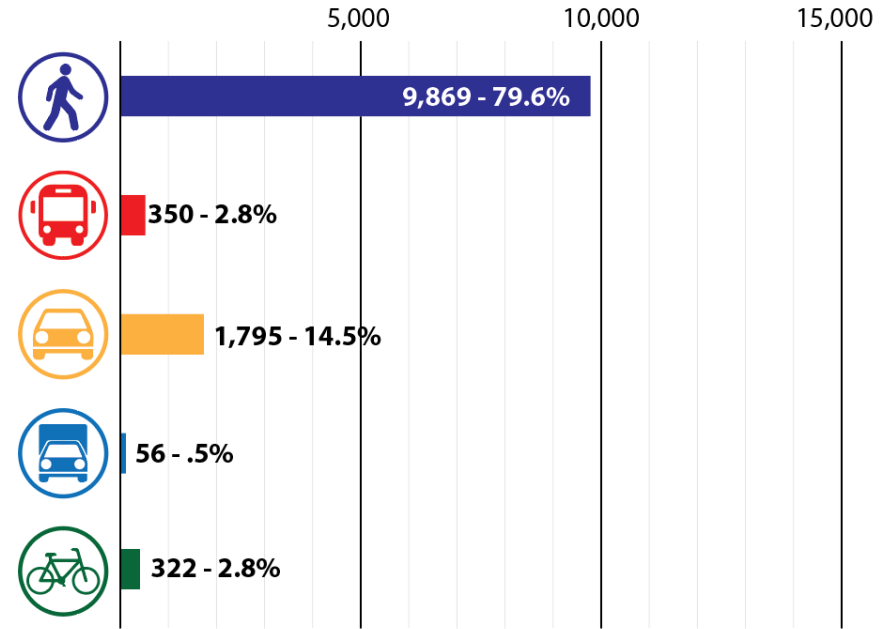


Existing Conditions

Modal Share

- Pedestrians are the largest mode of travel in the square, representing ~80% of users (85% in midday)
- Vehicle volumes are relatively consistent across all peak periods
- Weekend volumes match weeknight volumes

Kimlau Square Mode Share (PM Peak Hour)



Peak Hour		Pedestrians	Cyclists*	Cars	Trucks	Bus Riders	Total
AM	7:45-8:45	5,754	197	1,406	116	343	7,816
MD	12:15-1:15	11,227	291	1,456	132	NA	13,106
PM	4:30-5:30	9,869	322	1,795	56	350	12,392
SAT	4:45-5:45	9,997	279	1,784	27	NA	12,087

Existing Conditions

Pedestrians

- Pedestrian volumes are higher on the southwest side of the square
- Most used crosswalk is across Park Row, which is nearly conflict free*
- 61% of pedestrians are crossing in conflict free crossings

*Nearly conflict free crossings have less than 10 turning vehicles conflicting with pedestrians an hour (assumes compliance with traffic signals)

 Nearly Conflict Free Crossings

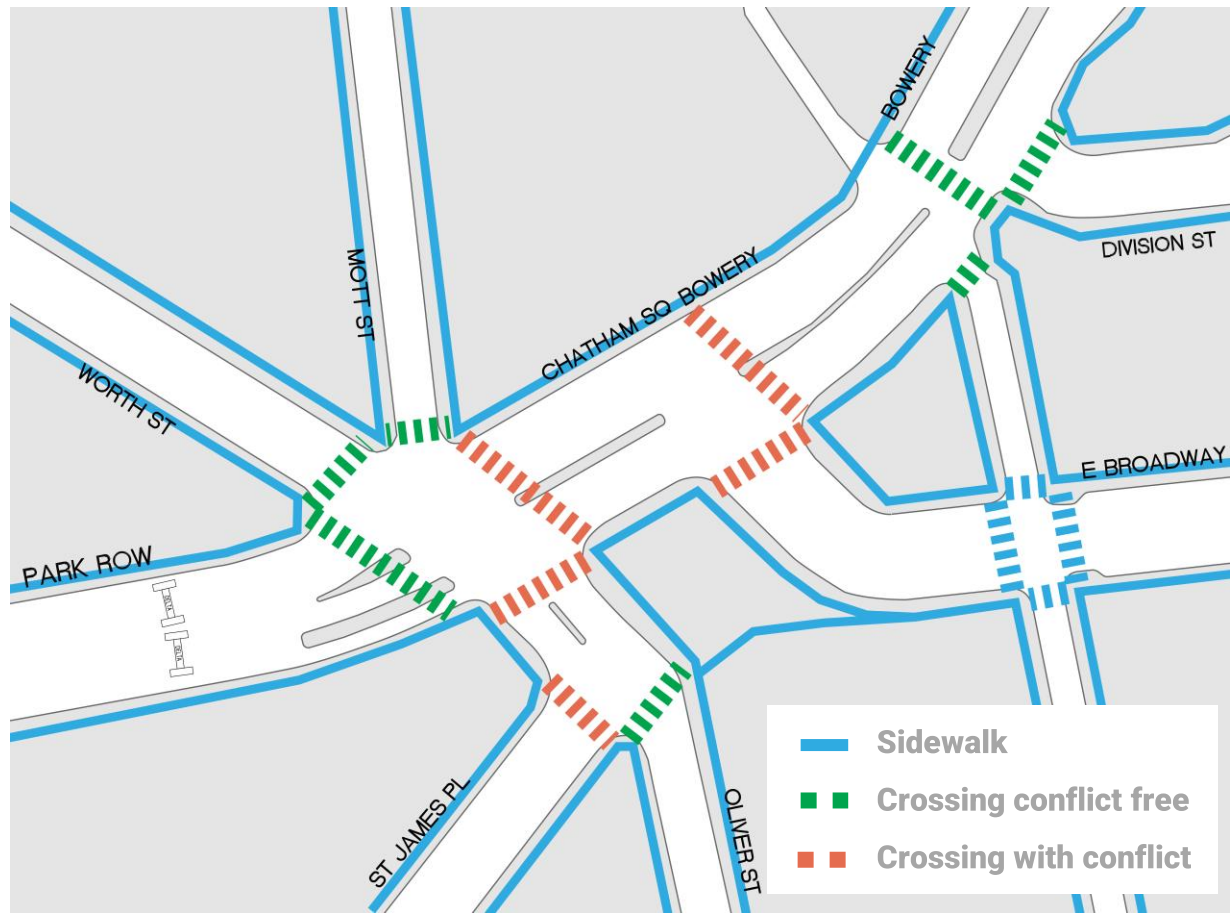
 Crossing with Conflicts



Crosswalks and Sidewalks

Existing Crosswalks

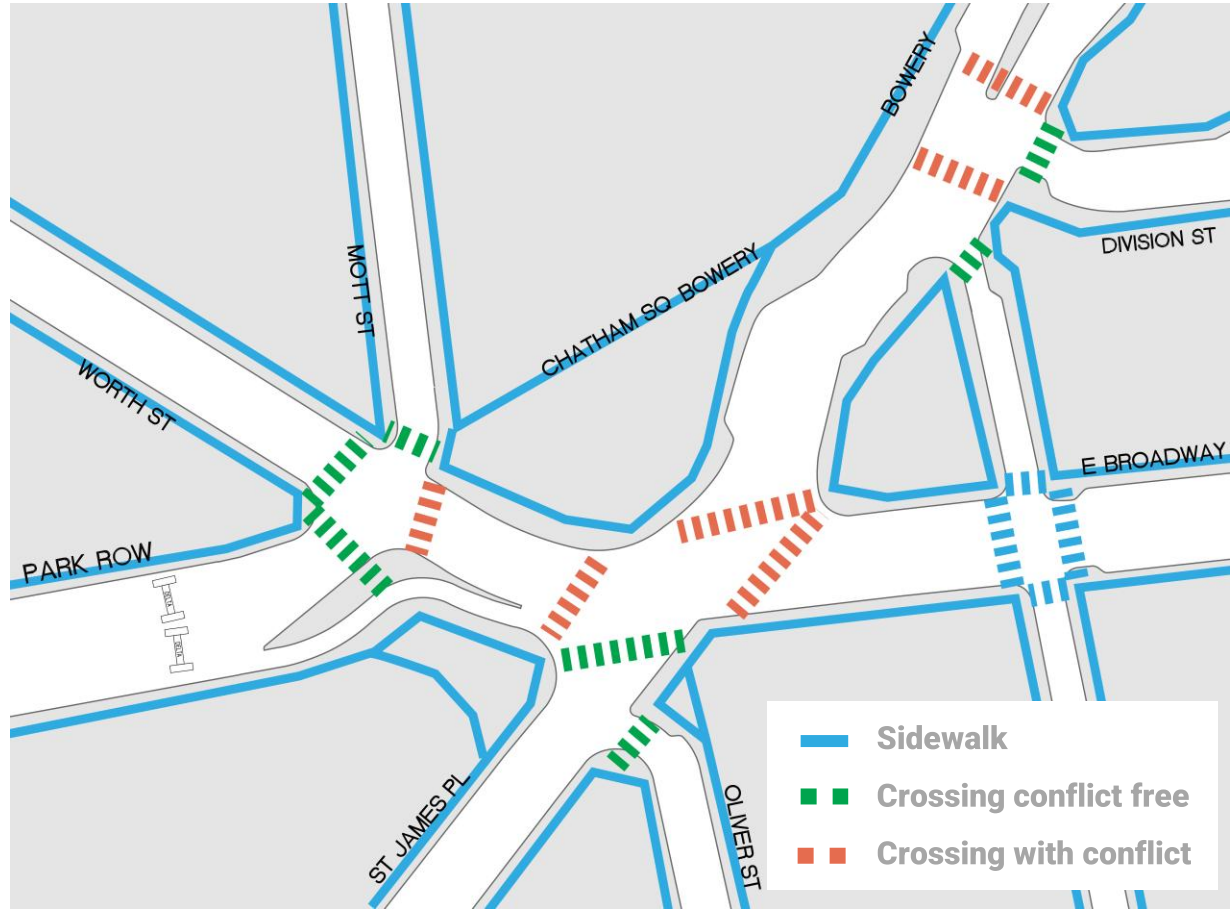
- 7 conflict free crossings
- 5 crosswalks with conflicts with vehicles
- Average Crosswalk Length: 56 feet
- Maximum Crosswalk Length: 90 feet



Crosswalks and Sidewalks

Proposed Crosswalks

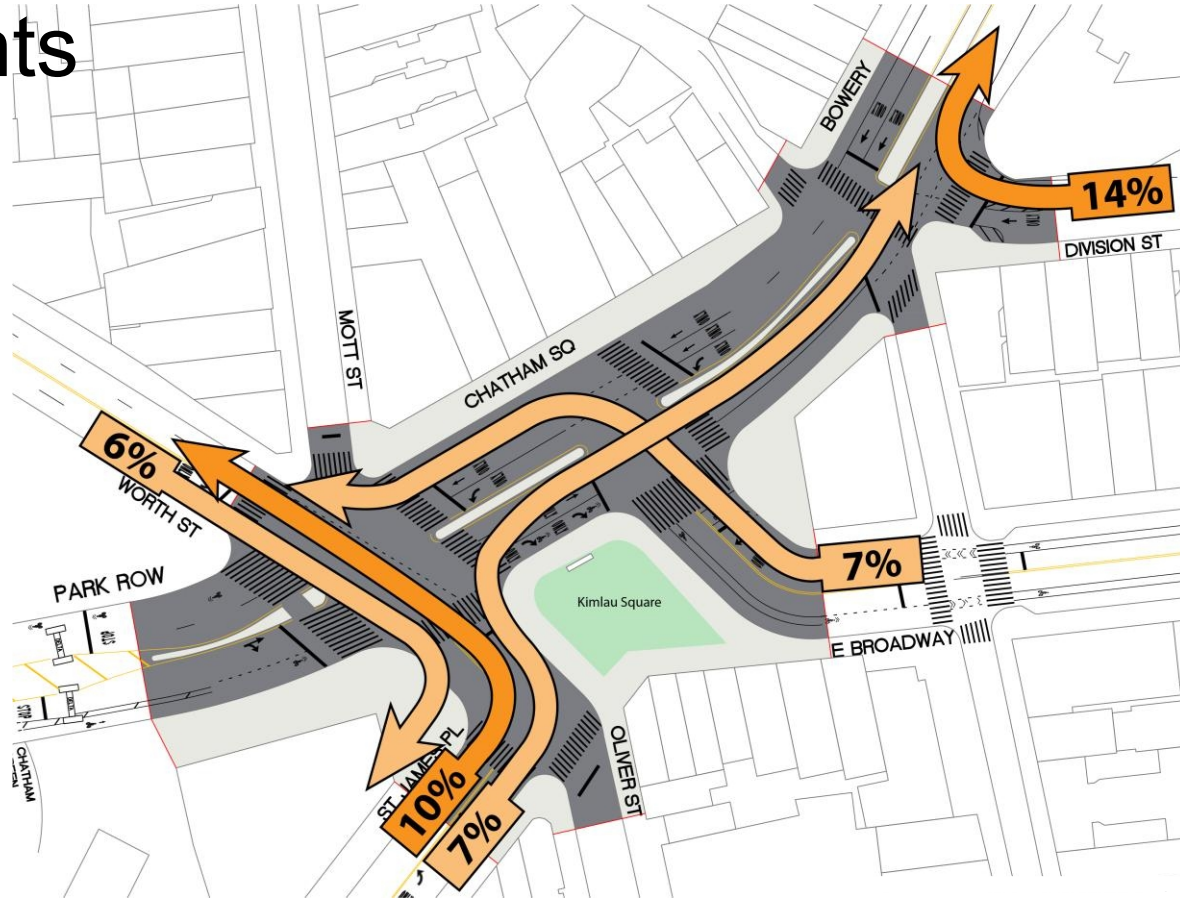
- 7 conflict free crossings
- 6 crosswalks with conflicts with vehicles
- Average Crosswalk Length: 46 feet (-10 feet)
- Maximum Crosswalk Length: 73 feet (-17 feet)
- Where turning vehicles must yield to pedestrians, volume of vehicles is lower than existing conditions



Major Movements

Vehicular Delay

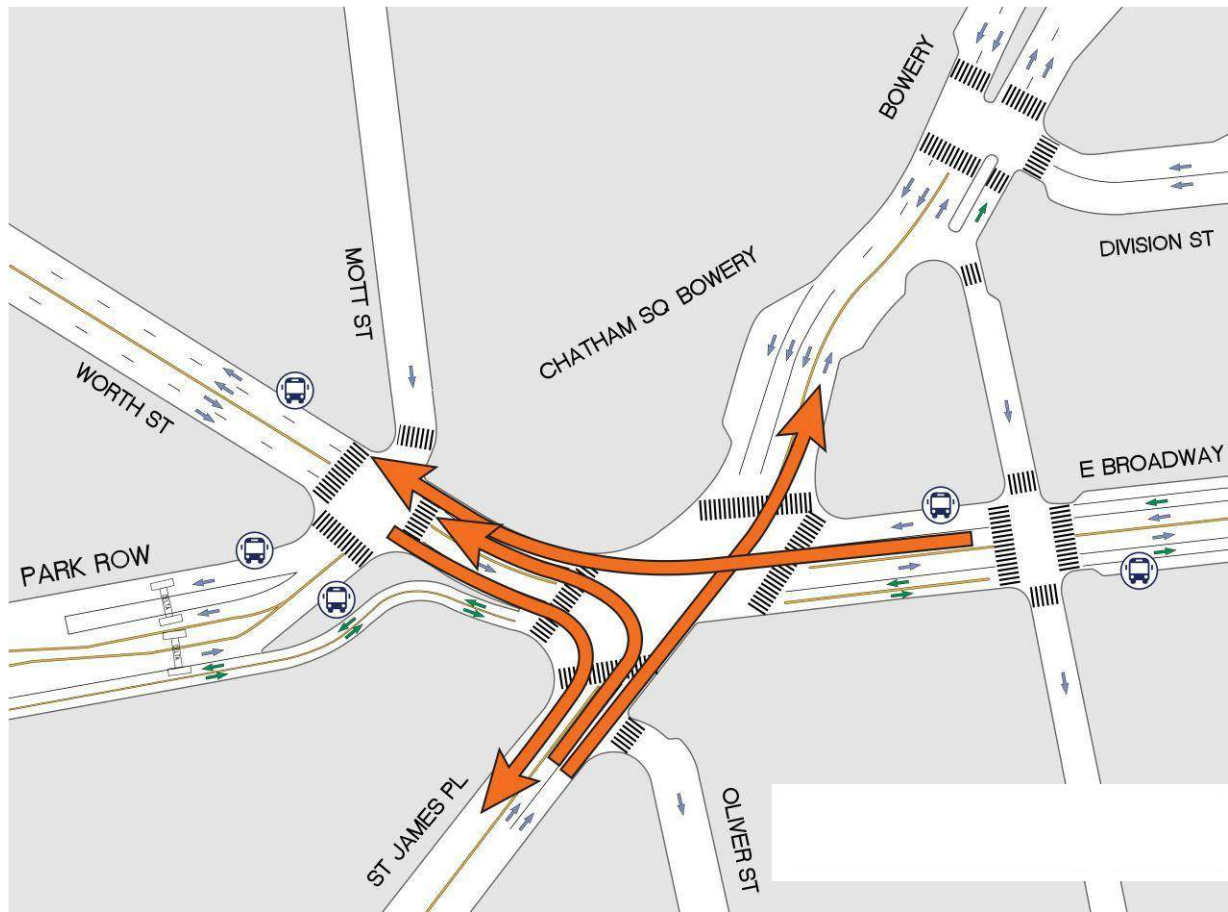
- Top 5 movements represent 45% of total vehicular volumes
- Top 4 movements within the square reconfiguration have high levels of delay
 - Total Delay: 510 sec.



Major Movements

Vehicular Delay

- Reorganization would improve operations
 - Total Delay: 437 sec. reduced by 14%
 - Maximum delayed movement reduced by 60%

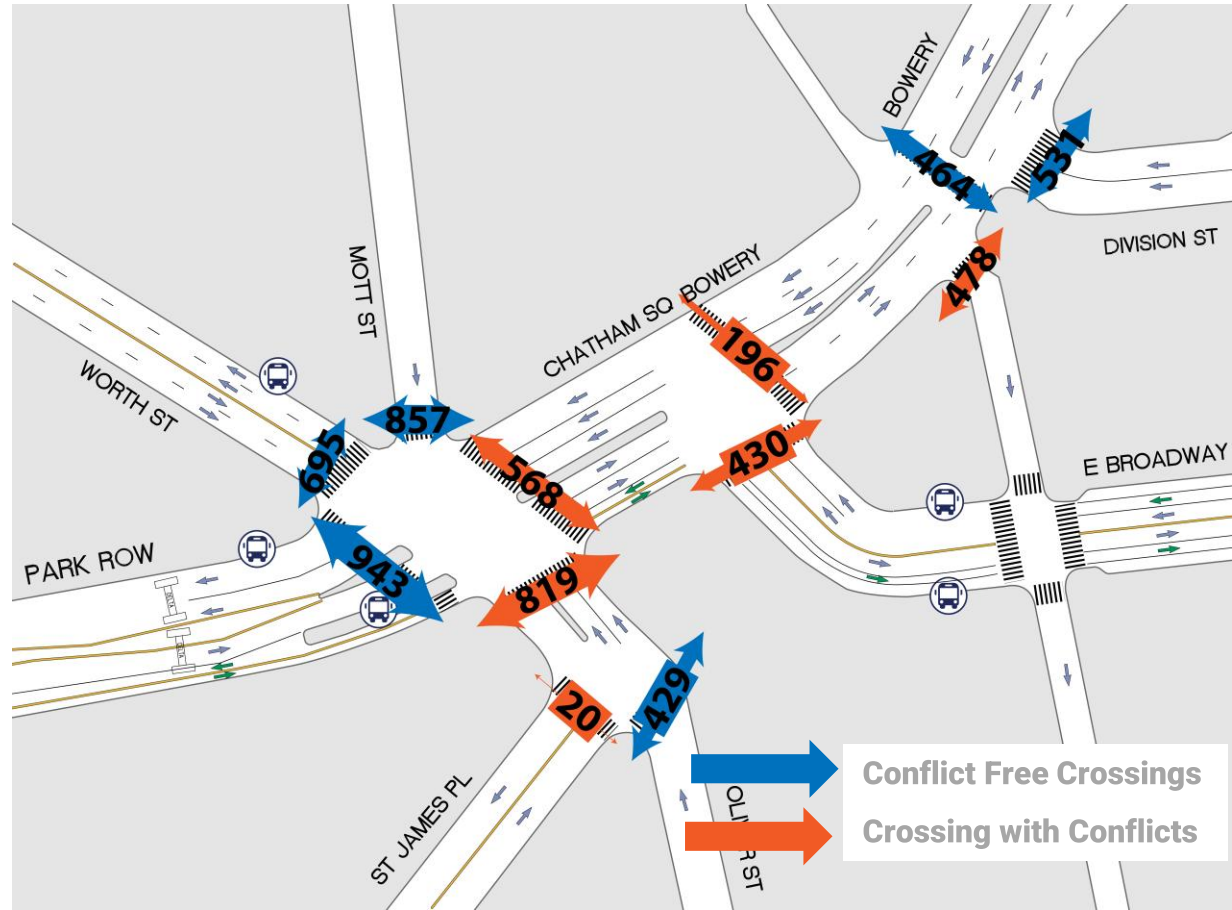


Pedestrian/Vehicle Interactions

Current Conditions

- 61% of pedestrians are crossing in conflict free crossings
- At crosswalks with conflicts, 940 vehicles must yield to 2,500 pedestrians
- Crosswalk across Bowery has 346 vehicles conflicting with pedestrians, while drivers are also yielding to other vehicles

*Conflict free crossings have less than 10 turning vehicles conflicting with pedestrians an hour (assumes compliance with traffic signals)

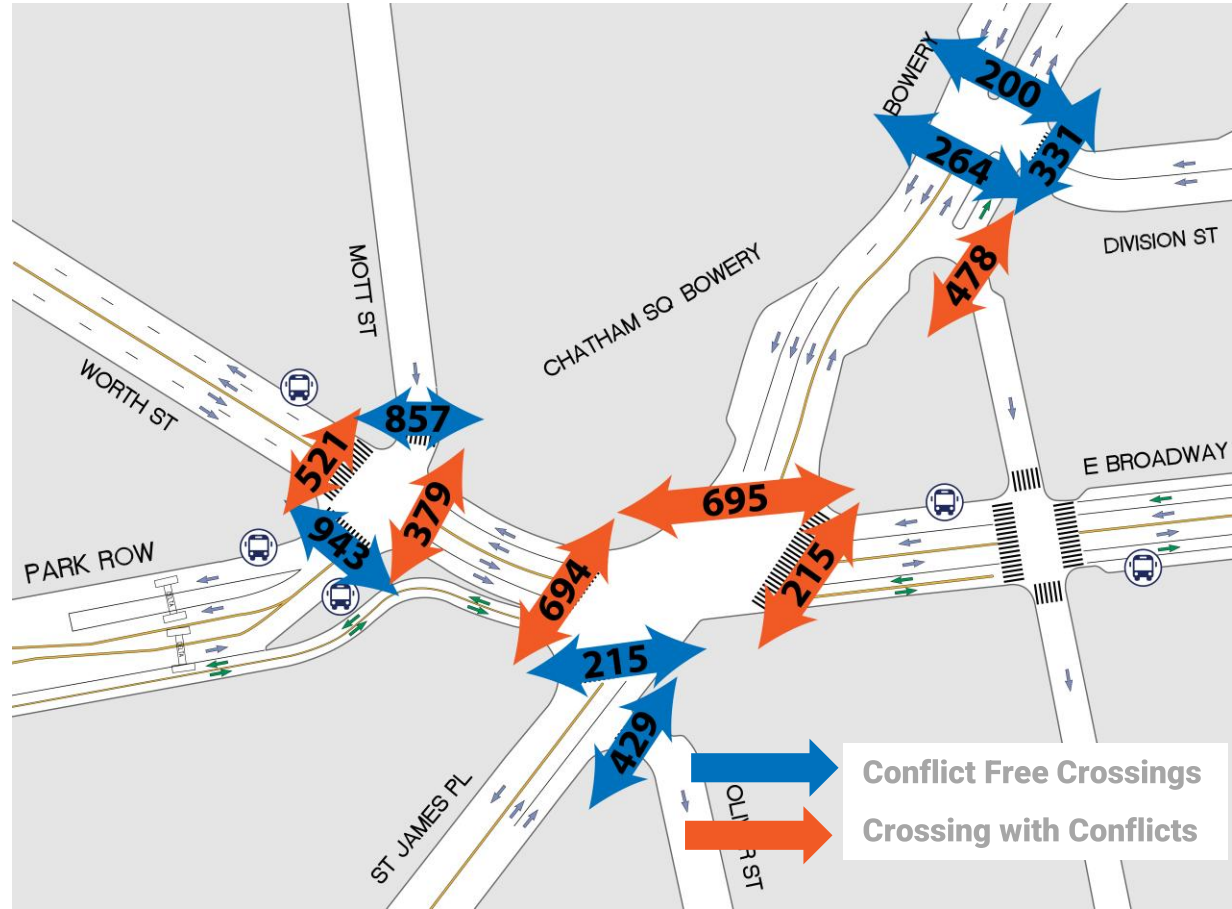


Conflict Free Crossings
Crossing with Conflicts

Pedestrian/Vehicle Interactions

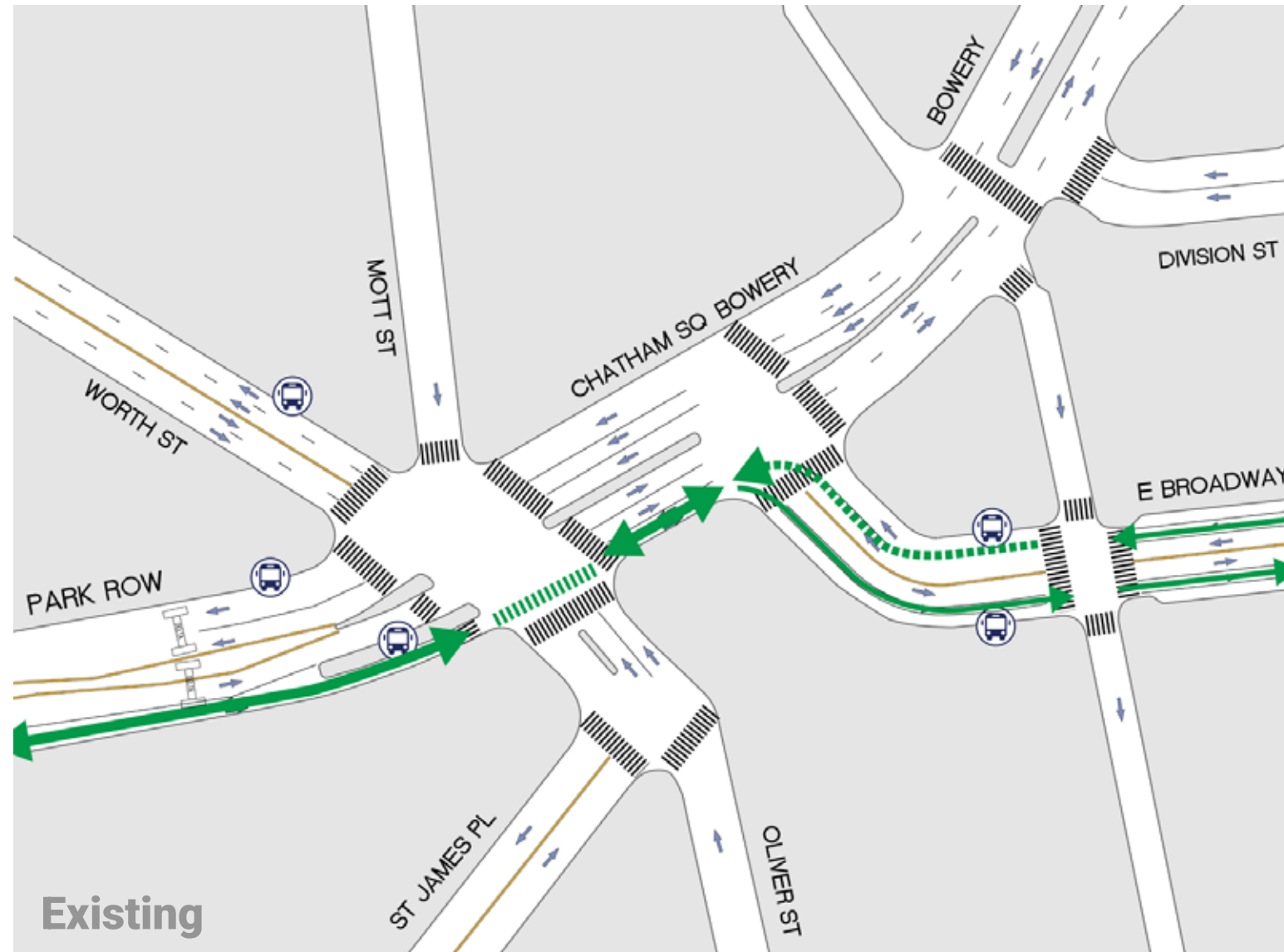
Proposed Conditions

- 55% of pedestrians are crossing in conflict free crossings (-6%)
- At crosswalks with conflicts, number of vehicles that must yield is reduced to 500 vehicles (-47%)
- Crosswalk with highest number of turning vehicles has 170 vehicles conflicting with 694 pedestrians (crossing Worth), turning vehicles are not also yielding to other vehicles



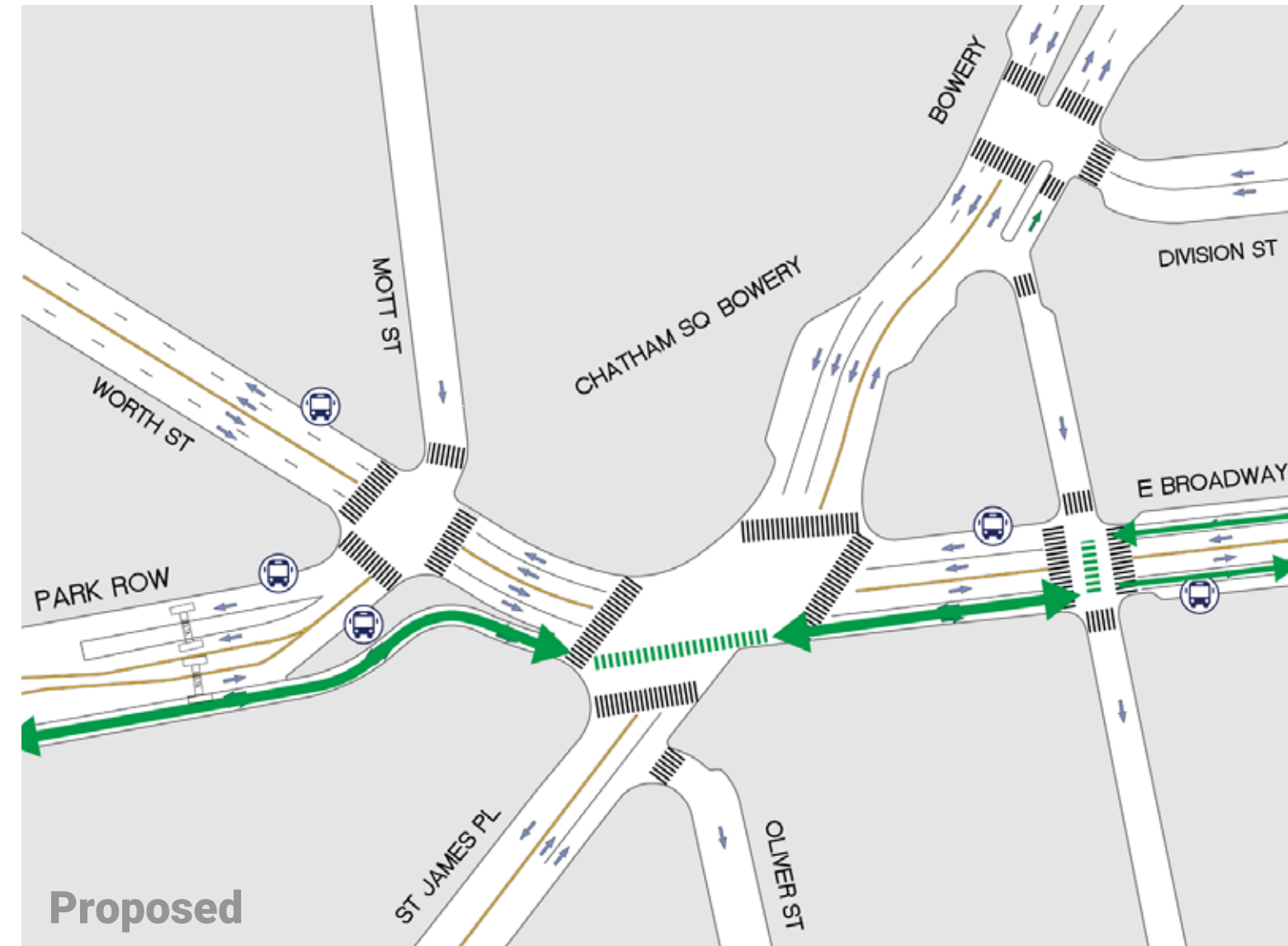
TRAFFIC STUDY - BICYCLE COMPARISON

EXISTING



- Cyclists must transition from one-way bike lanes on East Broadway to the two-way path at Bowery

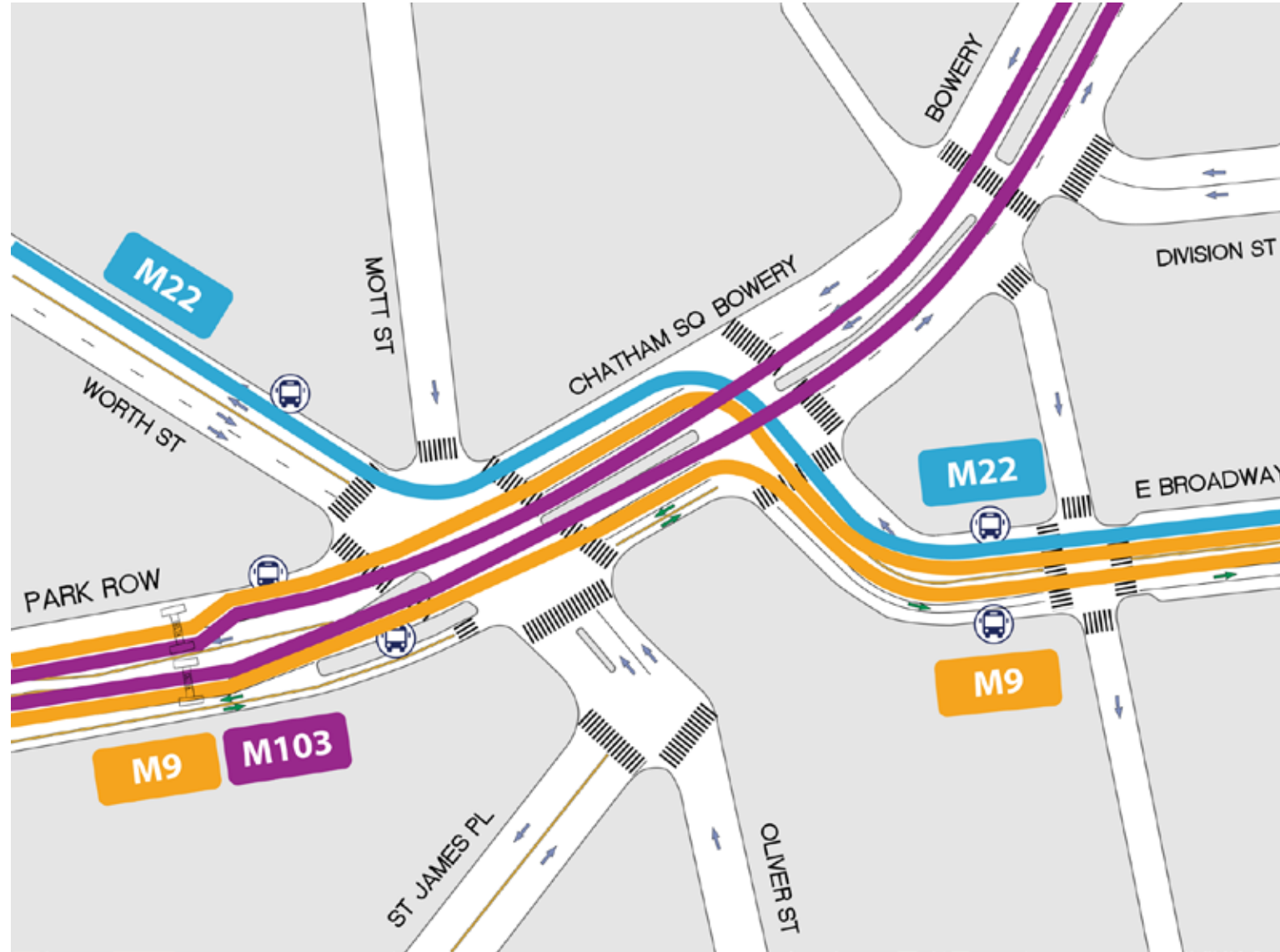
PROPOSED



- Cyclists will transition from the one-way bike lanes on East Broadway to the two-way path at Catherine St
- Shifts transition to less busy portion of project area

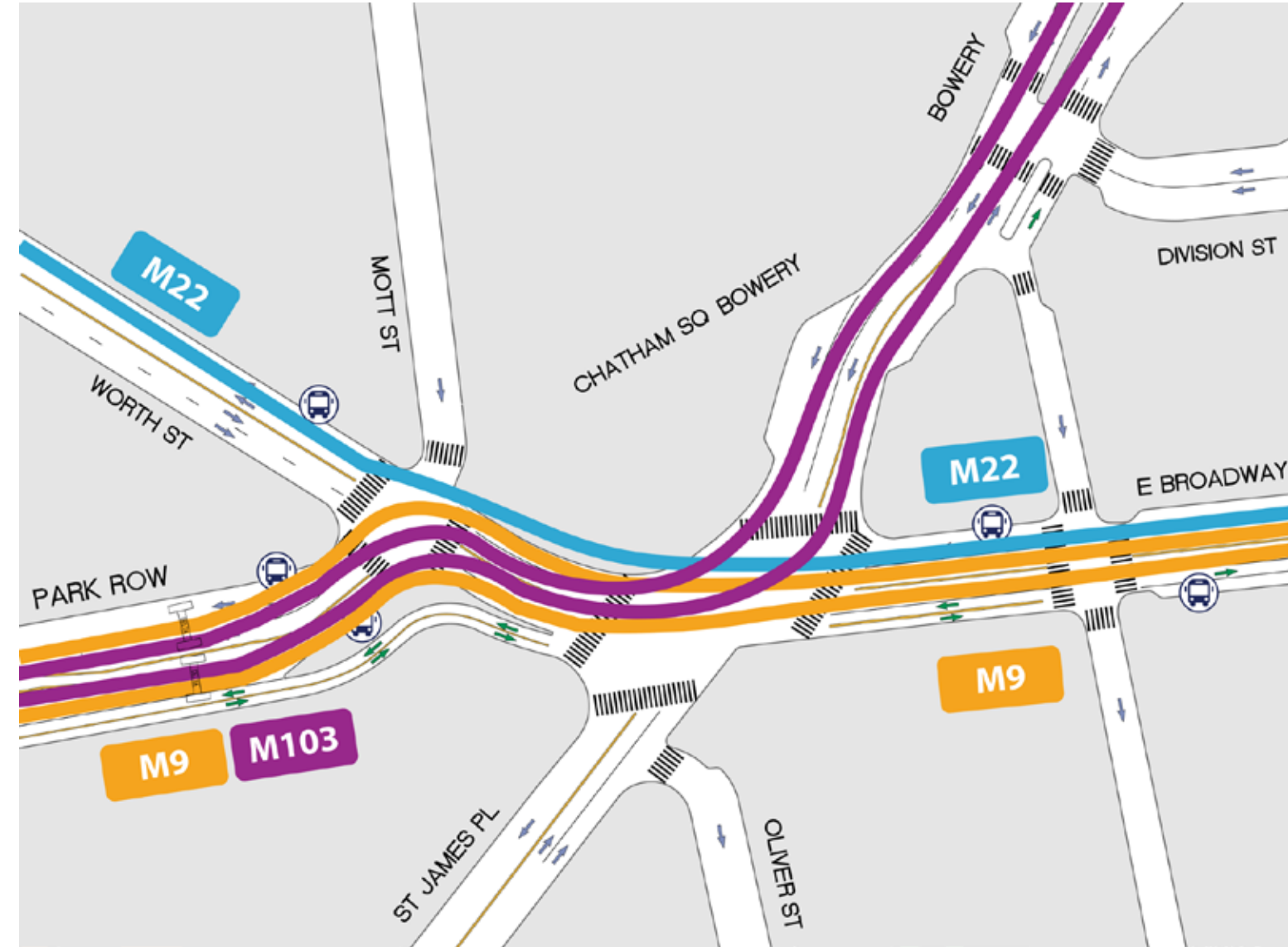
TRAFFIC STUDY - BUS COMPARISON

EXISTING



- Bus stops on east and west side of project area
- M22 and M9 make turns

PROPOSED



- Eastbound bus stop at Catherine St moved to far side of intersection
- All other bus stops remain

Ongoing Analysis

Next Steps

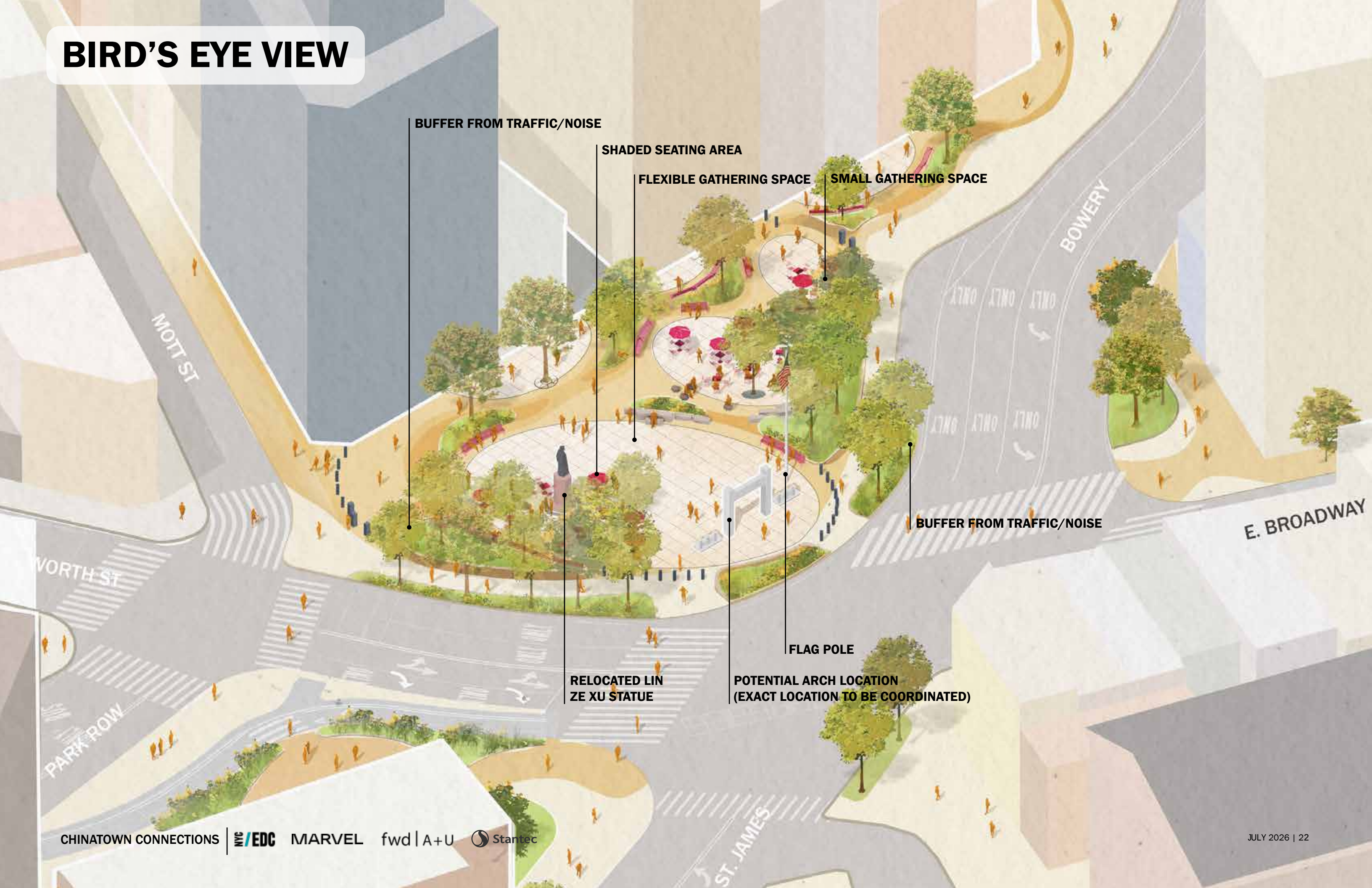
- Continue to refine Traffic Study including:
 - Signal Timing
 - Curb Management





APPENDIX

BIRD'S EYE VIEW



BUFFER FROM TRAFFIC/NOISE

SHADED SEATING AREA

FLEXIBLE GATHERING SPACE

SMALL GATHERING SPACE

BUFFER FROM TRAFFIC/NOISE

FLAG POLE

POTENTIAL ARCH LOCATION
(EXACT LOCATION TO BE COORDINATED)

RELOCATED LIN
ZE XU STATUE

PLAN VIEW



VIEW FROM KIMLAU SQUARE FACING SW (PARK ROW)



VIEW FROM KIMLAU SQUARE FACING EAST BROADWAY

