

Harlem River Bridges Access Plan

Workshop Round 2
September 17, 2015



Harlem River Bridges Access Plan: Overview

Agenda

Presentation:

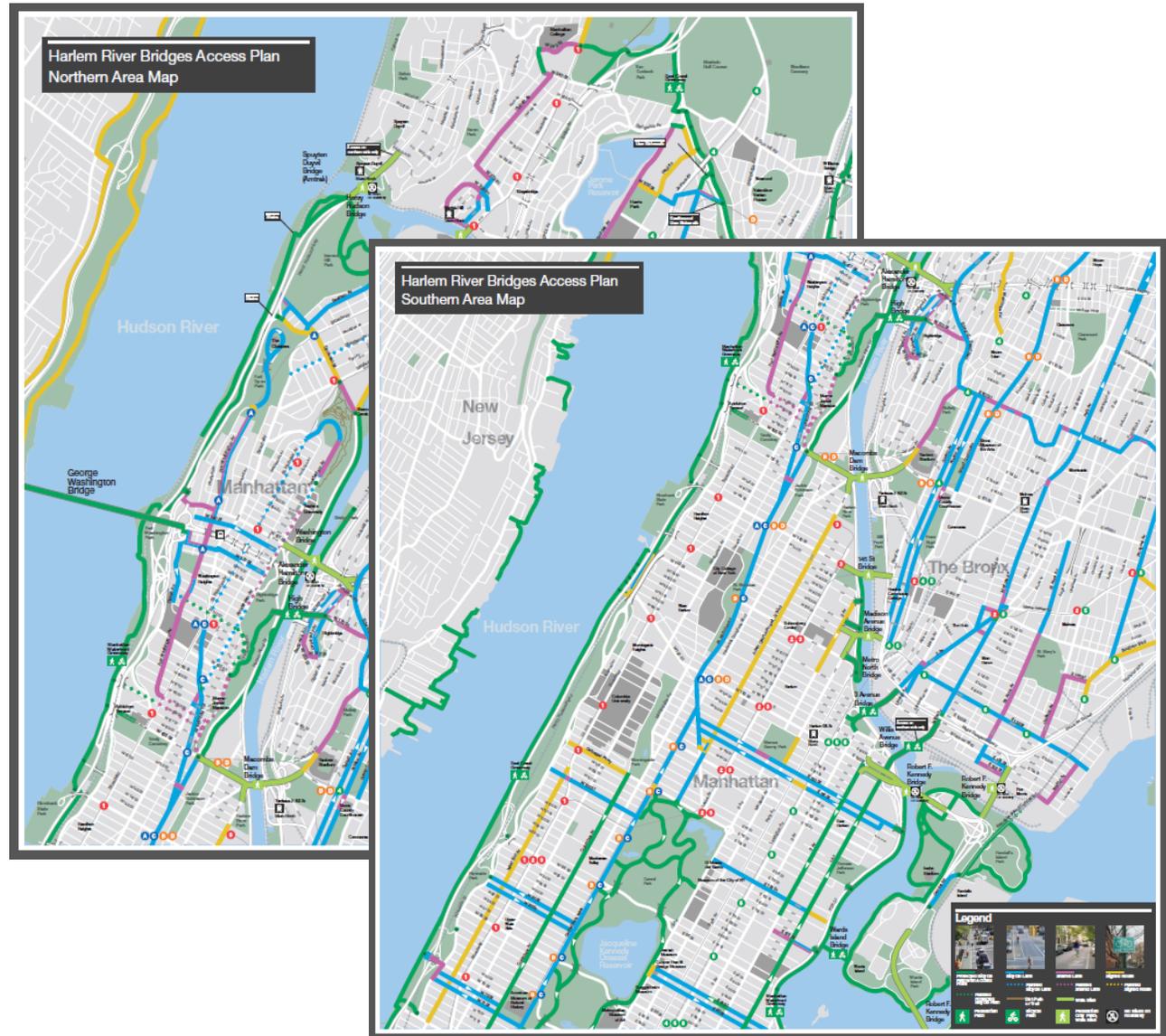
Background +
overview of concepts
for review
(15-20 min)

Participation:

Your comments,
questions, and
feedback
(30-45 min)

Wrap Up:

Share your group's
main comments and
preferred designs
(10-15 min)



Harlem River Bridges Access Plan: Overview

Concept Goals

- Connect vibrant **neighborhoods** and **major destinations** on both sides of river
- Improve **street safety** and **traffic flow**
- Investigate feasibility of adding or enhancing **pedestrian and bicycle bridge access** as part of capital program

Outcome

Short-term: Concept development

- Initiate select Concepts for **Community Board** review in **2016 & 2017**

Long-term: Planning document

- Focus on **DOT facilities**
- Guide **future investment** on bridges and on-street bridge approaches
 - Enhance pedestrian ramps
 - Add bicycle access where desired/feasible



Harlem River Bridges Access Plan: Overview

Planning Process



Twelve community workshops

- Round 1, June 2015 :
 - Existing Conditions/Major Destinations
- Round 2, Fall 2015:
 - Preliminary Concept Review
- Round 3, Winter 2016:
 - Draft Plan
- Planning Document Release: Spring 2016



Surveys and field work

– Summer & Fall 2015



All final proposals will be reviewed through the regular Community Board Process before implementation

Harlem River Bridges Access Plan: Overview

Summary of Feedback from Previous Workshops/Surveys

- **Difficult to cross the street** at major intersections near bridge entrances
 - Crossing ramps at several locations is difficult
- **Better wayfinding/connections** needed to major destinations:
 - **All** bridges with pedestrian access
 - Waterfront/Greenways
 - George Washington Bridge
 - Bronx Terminal Market
- **Better lighting** desired on and near all bridges
- Interest in new or upgraded **bicycle routes** leading to and across Harlem River from network
 - Protected paths preferred where feasible
- **Long-term improvements** to bridges themselves needed, including ADA compliance and dedicated bicycle routes
 - Investigation ongoing—will be addressed at next round of workshops

Harlem River Greenway



Bronx Terminal Market

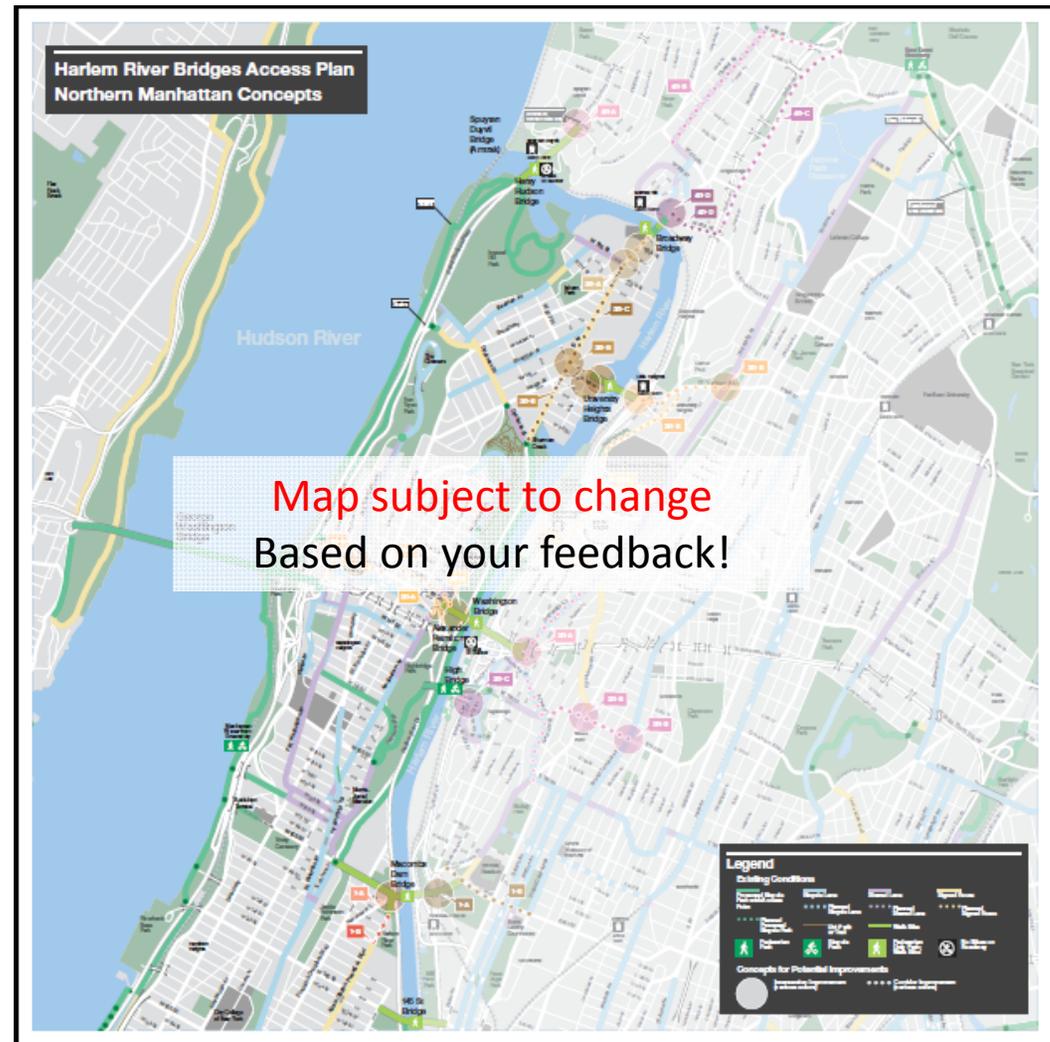


Harlem River Bridges Access Plan: Overview

Workshop Round 2 Overview

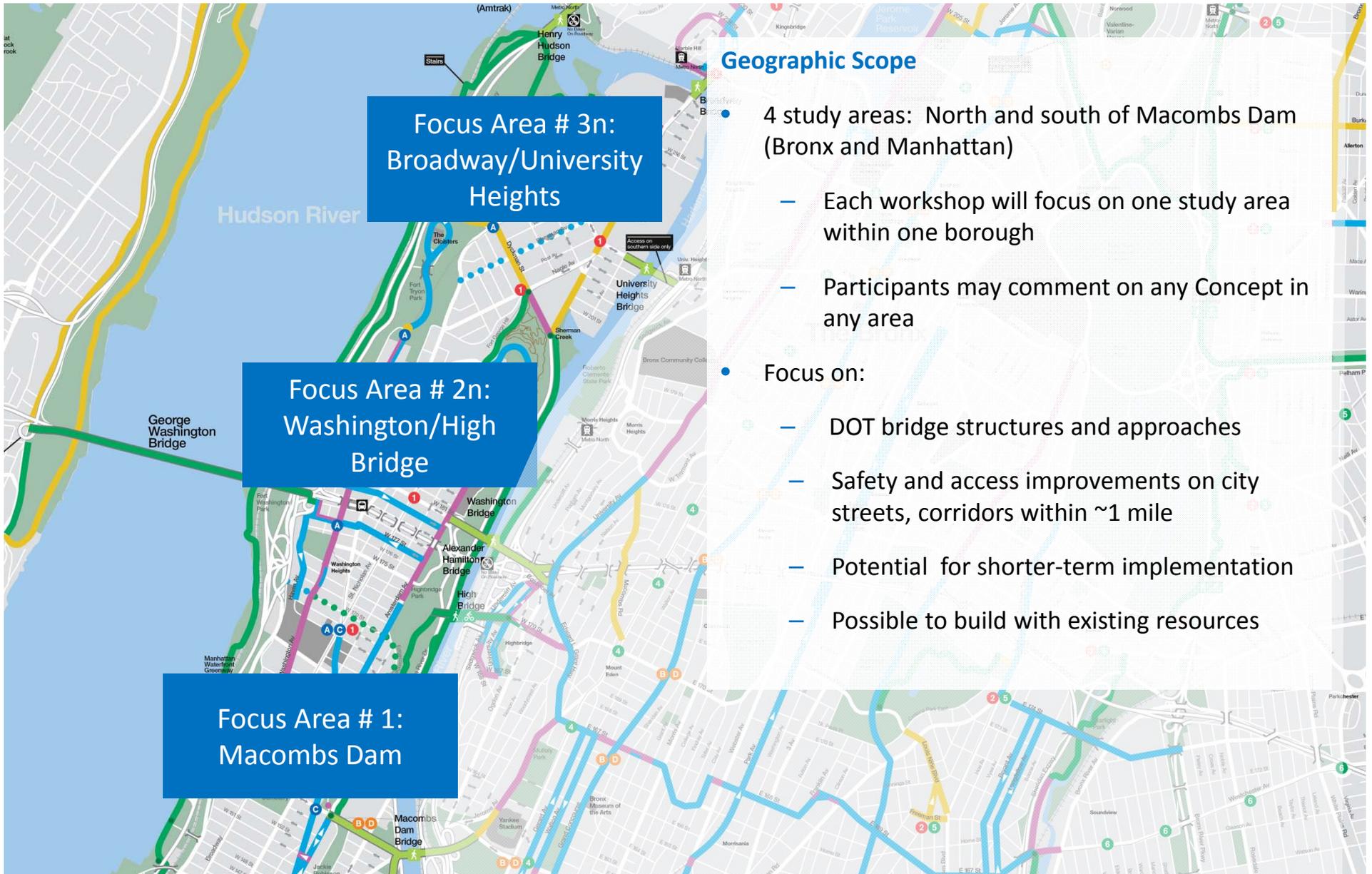
Preliminary Concept Review

- Following are a series of **preliminary concepts** for your review and feedback
 - Concepts are numbered in order to refer back to the map
 - Concepts developed in response to feedback from *first* round of workshops
- **We want to hear from you!** Based on feedback, **any or all** concepts may be either:
 - Advanced to the next round of planning
 - Modified
 - Scrapped entirely



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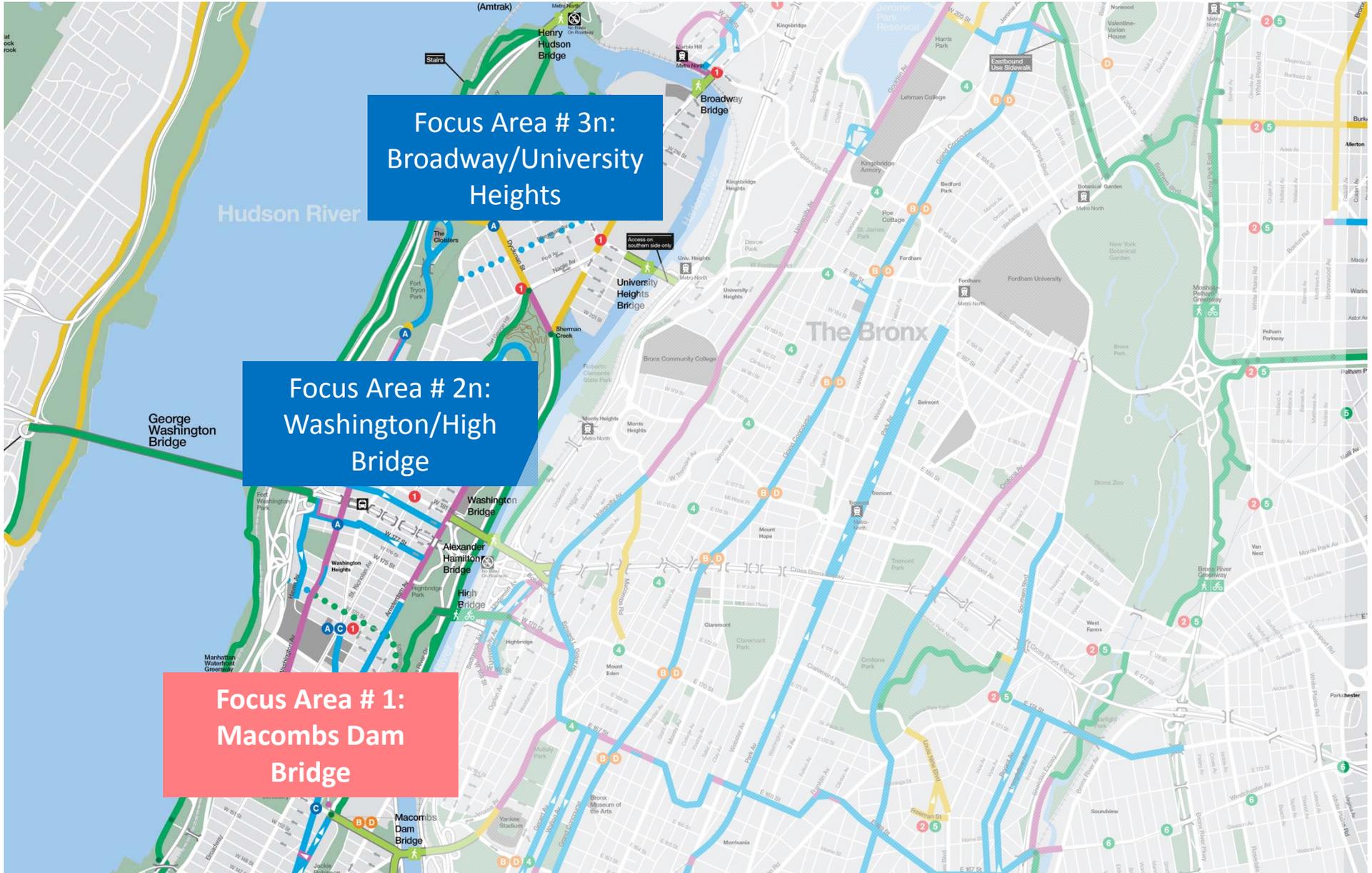
Geographic Scope



Geographic Scope

- 4 study areas: North and south of Macombs Dam (Bronx and Manhattan)
 - Each workshop will focus on one study area within one borough
 - Participants may comment on any Concept in any area
- Focus on:
 - DOT bridge structures and approaches
 - Safety and access improvements on city streets, corridors within ~1 mile
 - Potential for shorter-term implementation
 - Possible to build with existing resources

Focus Area #1: Macombs Dam Bridge



Preliminary Concepts

- **Lighting & Wayfinding (Throughout)**
 - Upgrade lighting to LED
 - Install wayfinding signage at bridge entrances
- **Concept 1-A: New Crossing between Bridge Paths**
- **Concept 1-B: Corridor Improvements on Macombs Dam Bridge Approach**



Concept 1-A: Create New Crossing On Bridge

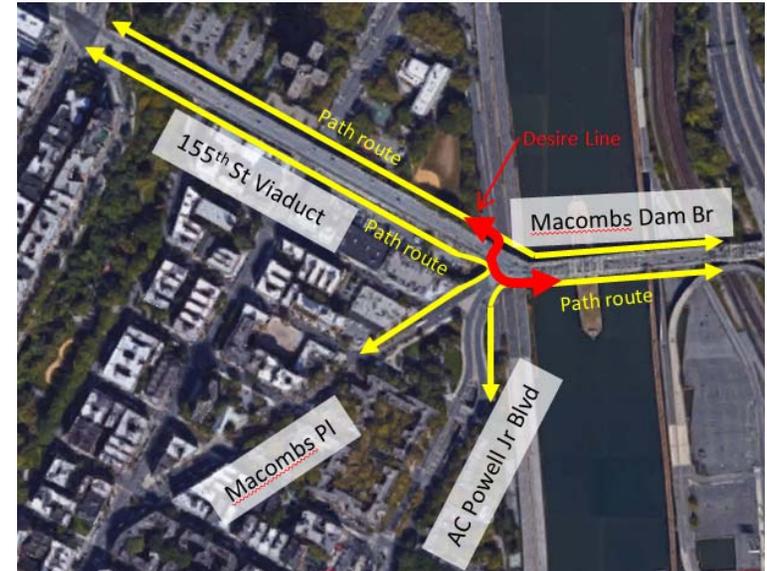


Frequent, unsafe pedestrian behavior between bridge paths at desired crossing

Concept Description

- Connect paths on north and south side of bridge
 - Extend signalized crossing across Adam Clayton Powell Jr. Blvd
- Allows pedestrians to cross between north and south paths
 - Prevents existing 10 block detour if you are on the wrong path

No crossing at existing desire line exists



Concept 1-B: Corridor Improvements on Macombs Dam Bridge Approach



Concept Description

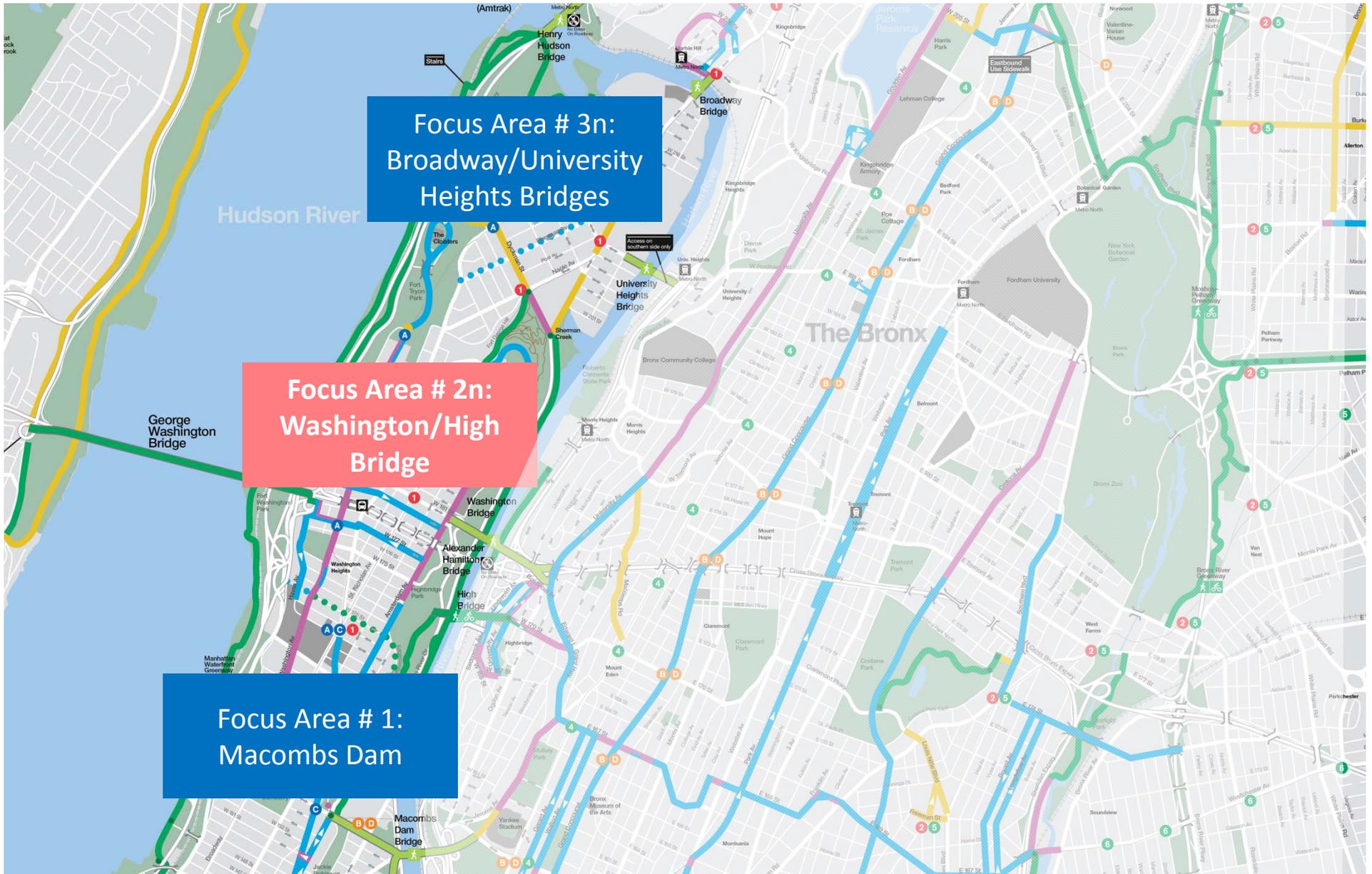
- Safety and accessibility improvements to bridge entrance



Existing:
Adam Clayton Powell Jr Blvd at Bridge Approach

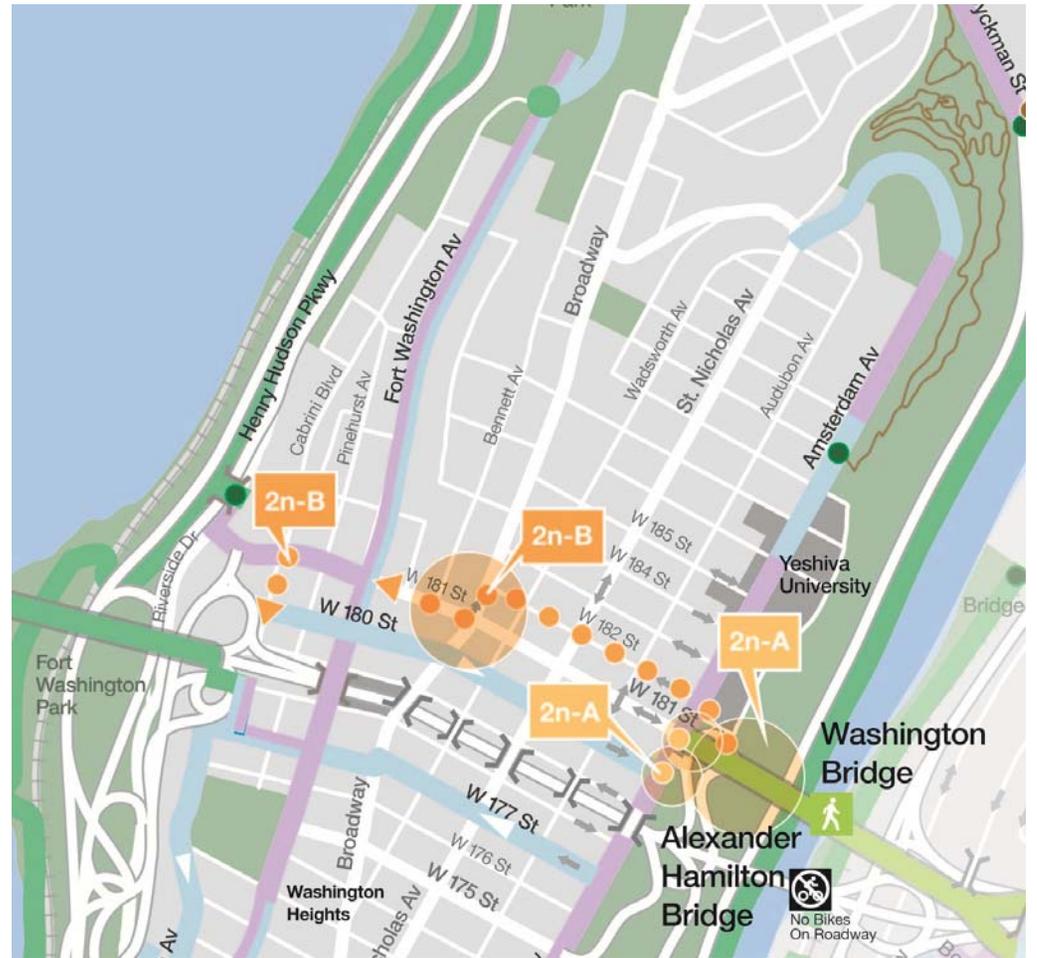
Harlem River Bridges Access Plan: Overview

Focus Area #2: Washington/High Bridges



Preliminary Concepts

- **Concept 2s-A: Enhance Existing Washington Bridge Access**
- **Concept 2s-B: Connect Washington Bridge to Hudson River Greenway**



Concept 2s-A: Enhance Existing Washington Bridge Access

Existing: Washington Bridge south path, facing west



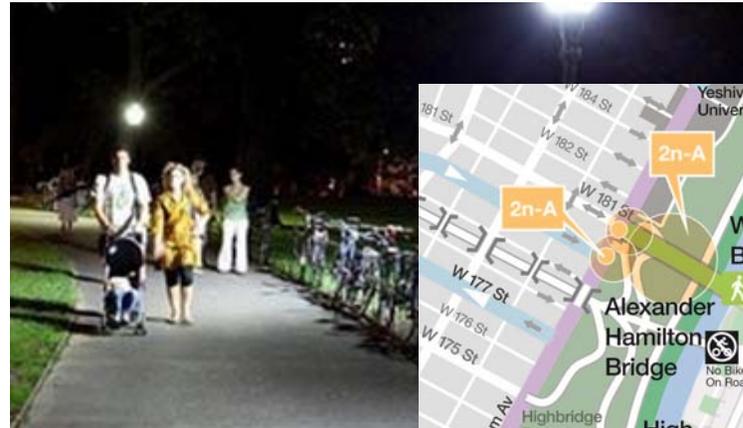
Potential: Bruckner Blvd, Bronx River Greenway



Existing: Washington Bridge south path, facing east

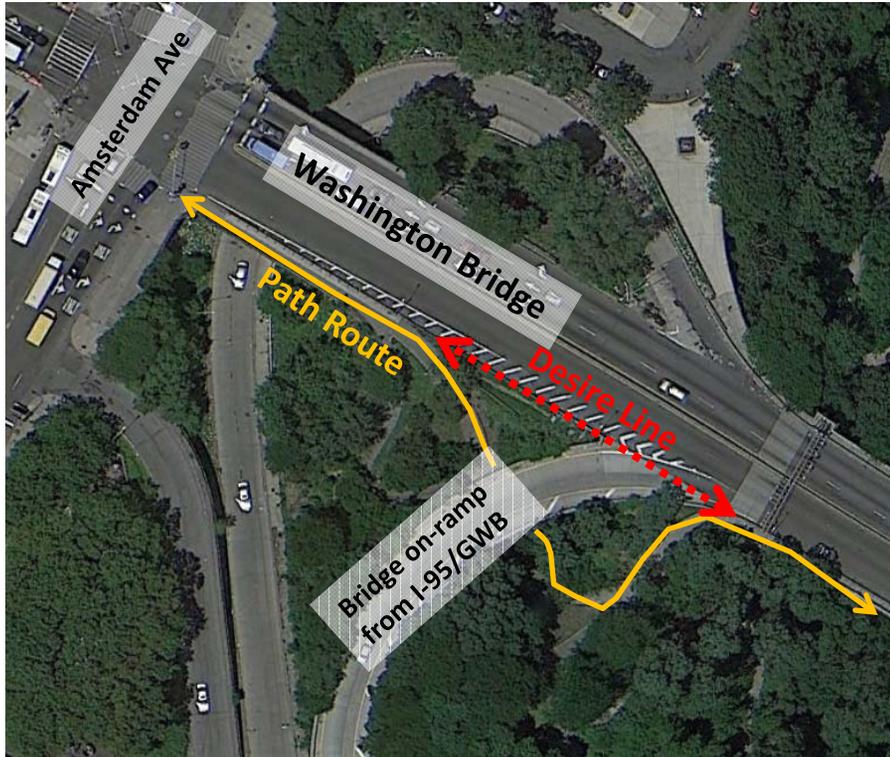


Potential: Improved path and lighting

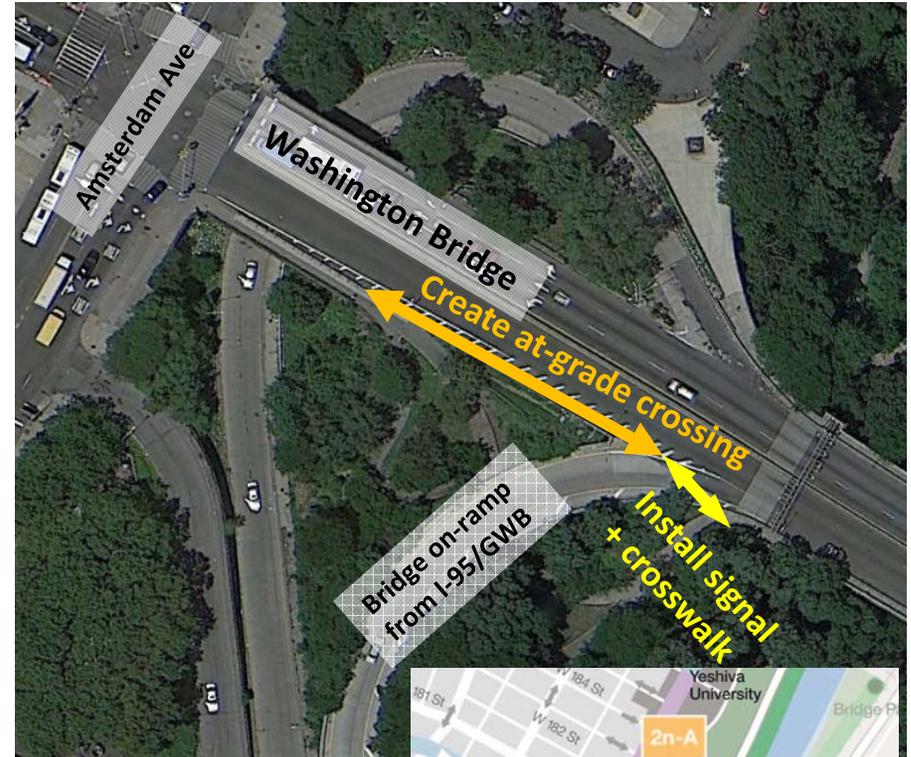


Concept 2s-A: Enhance Existing Washington Bridge Access

Existing



Potential



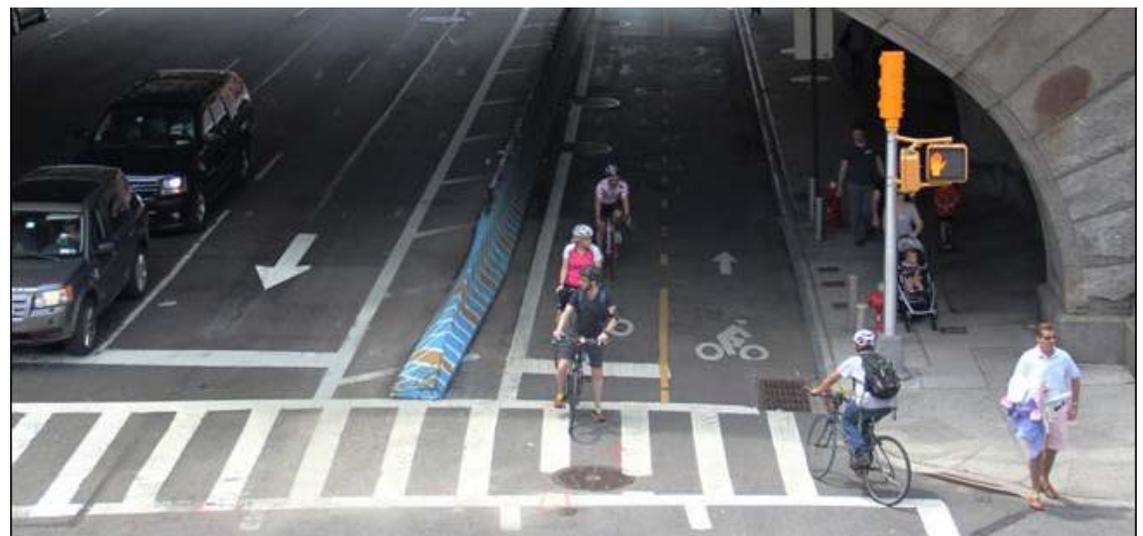
Manhattan North, Focus Area #2: Washington/High Bridges

Concept 2s-A: Enhance Existing Washington Bridge Access

Existing: Amsterdam Ave at W 180th St, facing north



Potential: Neckdowns at intersections



Potential: Vernon Blvd, Queens

Manhattan North, Focus Area #2: Washington/High Bridges

Concept 2s-B: Connect Washington Bridge to Hudson River Greenway

Existing: Hudson River Greenway



Potential: Painted Curb Extension



Potential: Wayfinding

Manhattan North, Focus Area #2: Washington/High Bridges

Concept 2s-B: Connect Washington Bridge to Hudson River Greenway

Existing: W 182 St at Amsterdam Ave, facing east

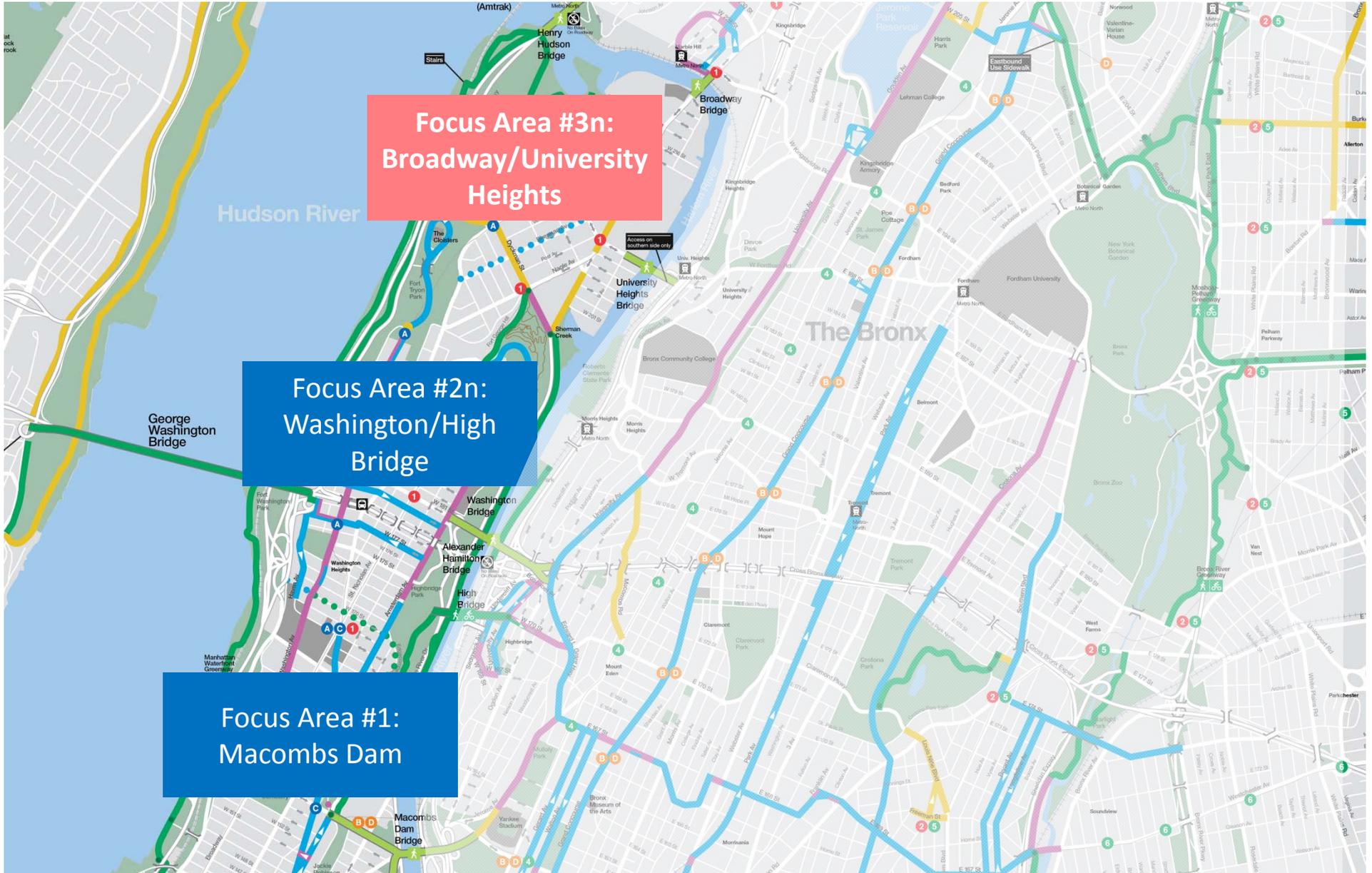


Existing: Shared Lane Markings



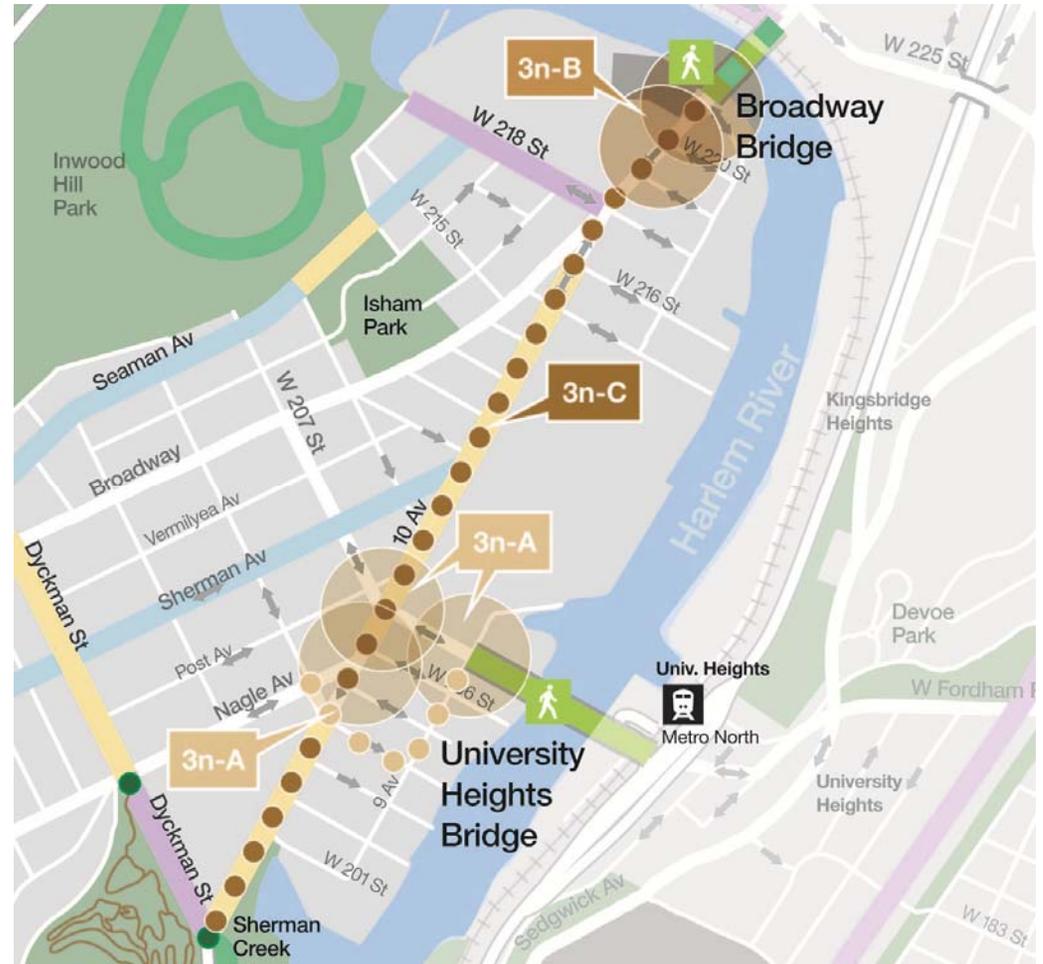
Potential: Standard Bicycle Facilities

Focus Area #3: Broadway/University Heights

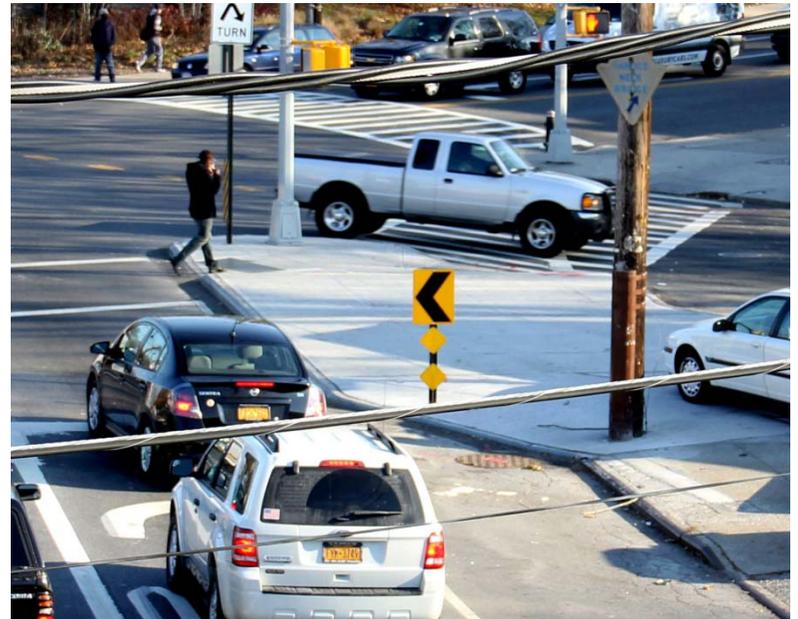
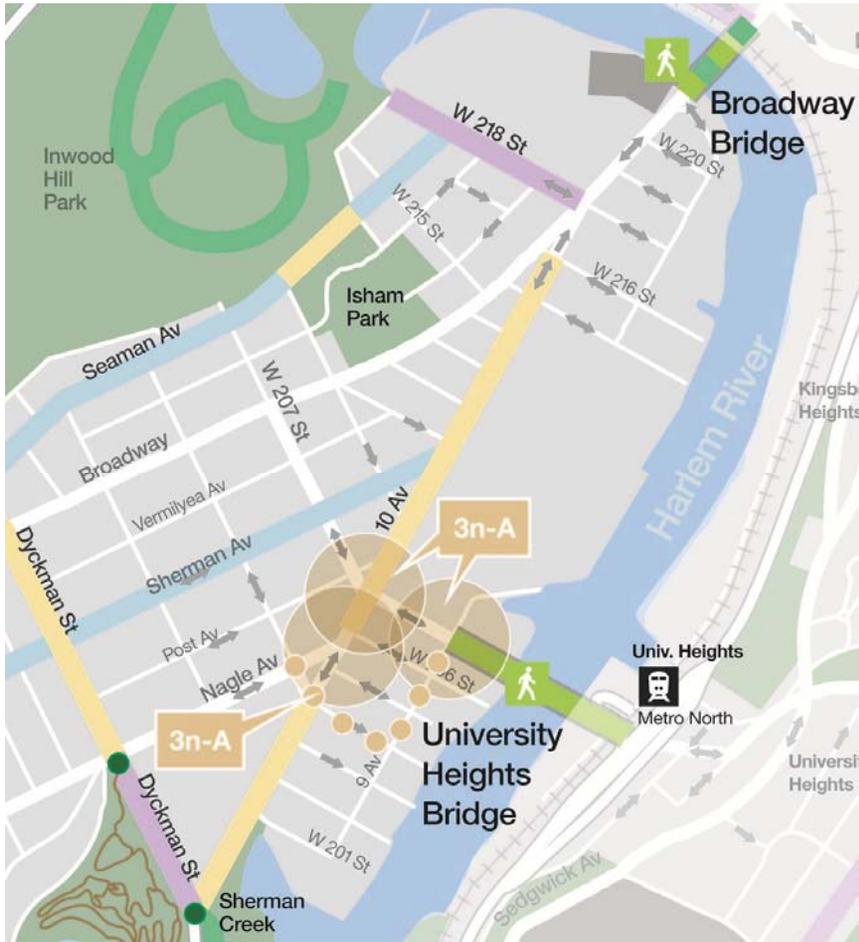


Preliminary Concepts

- Concept 3n-A: Redirect NB vehicle traffic to 9th Ave
- Concept 3n-B: Targeted Intersection Improvements at Broadway Bridge
- Concept 3n-C: Enhanced Connections on 10th Ave



Concept 3n-A: Redirect NB vehicle traffic to 9th Ave



Potential: Neckdowns/curb extensions

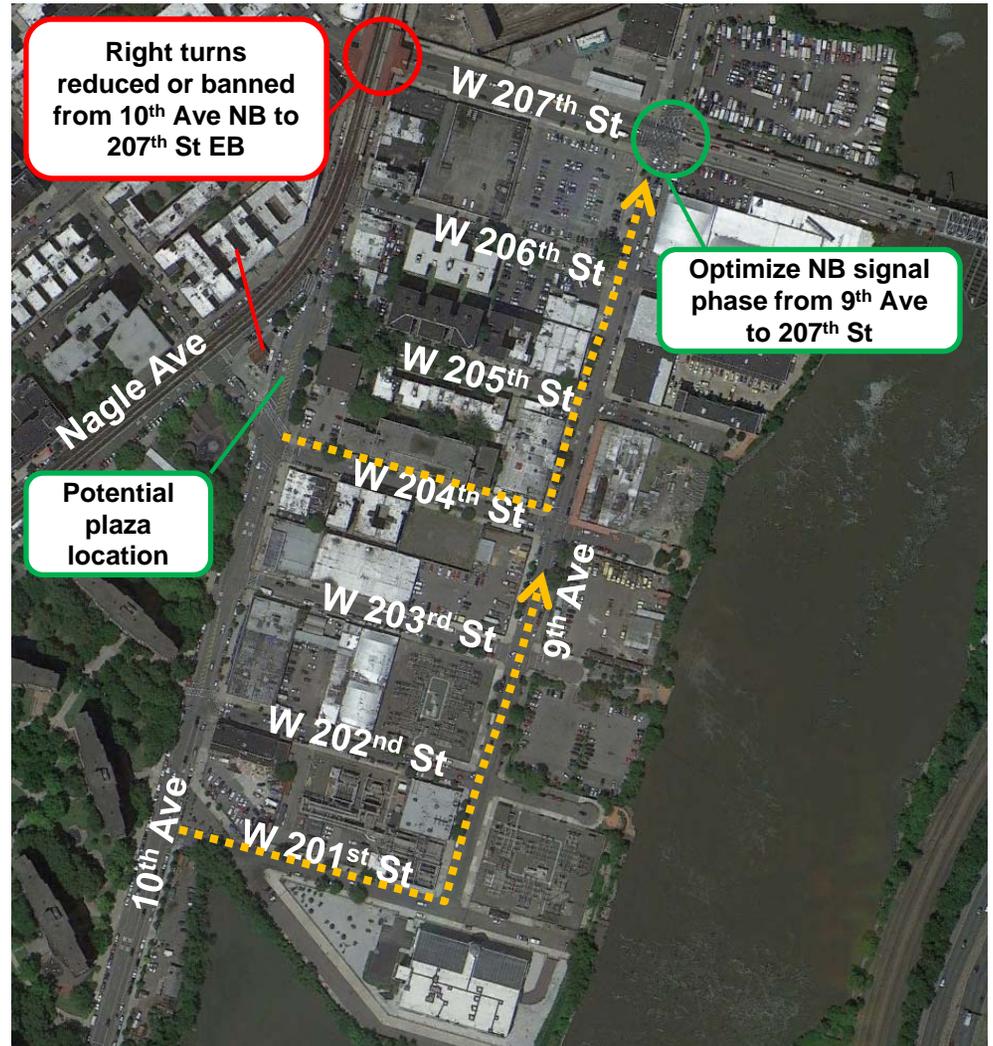
Concept 3n-A: Redirect NB vehicle traffic to 9th Ave



Existing: 10th Ave at W 207th St, Manhattan facing south

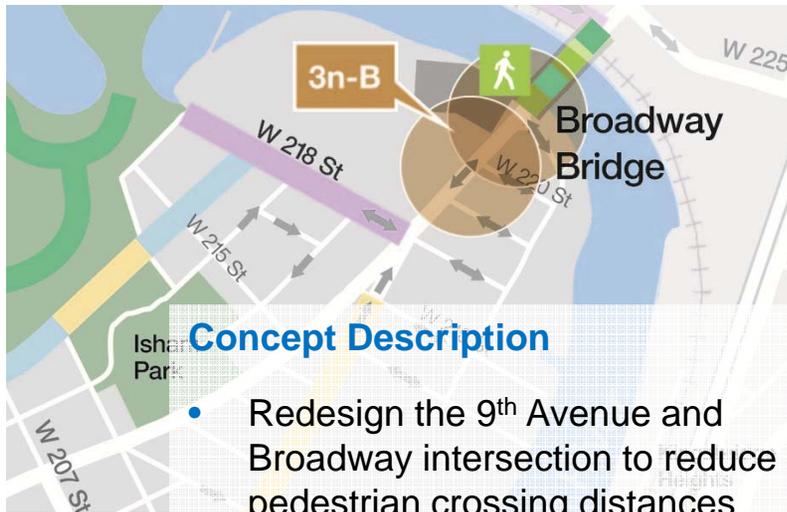
Concept Description

- Reduce conflicts with right-turning vehicles from 10th Ave to 207th St (high-crash intersection)
 - Improve safety at SBS stops
 - Reduce conflicts at 10th Ave & 207th St
- Redirect bridge traffic to 9th Ave
 - Options include 201st and 204th St



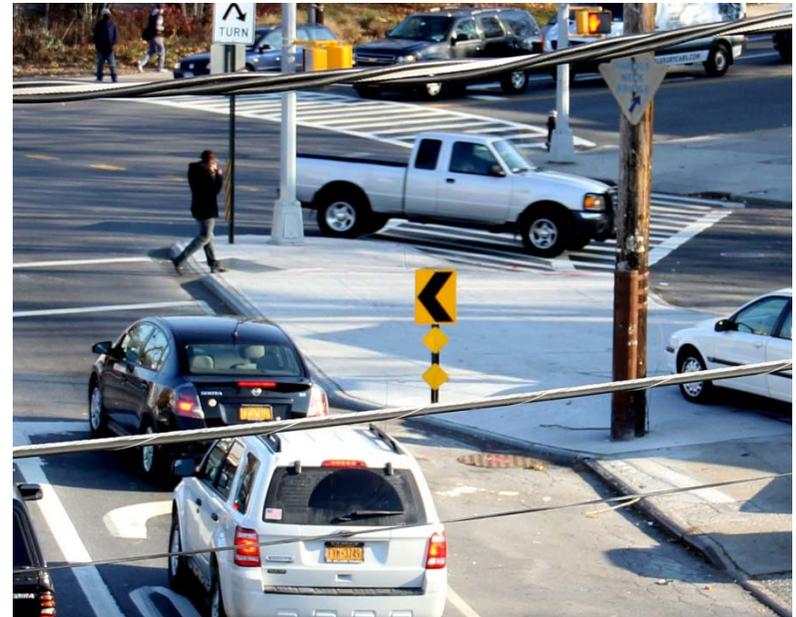
Concept 3n-B: Targeted Intersection Improvements at Broadway Bridge

Existing: Broadway and 9th Ave, Manhattan facing east



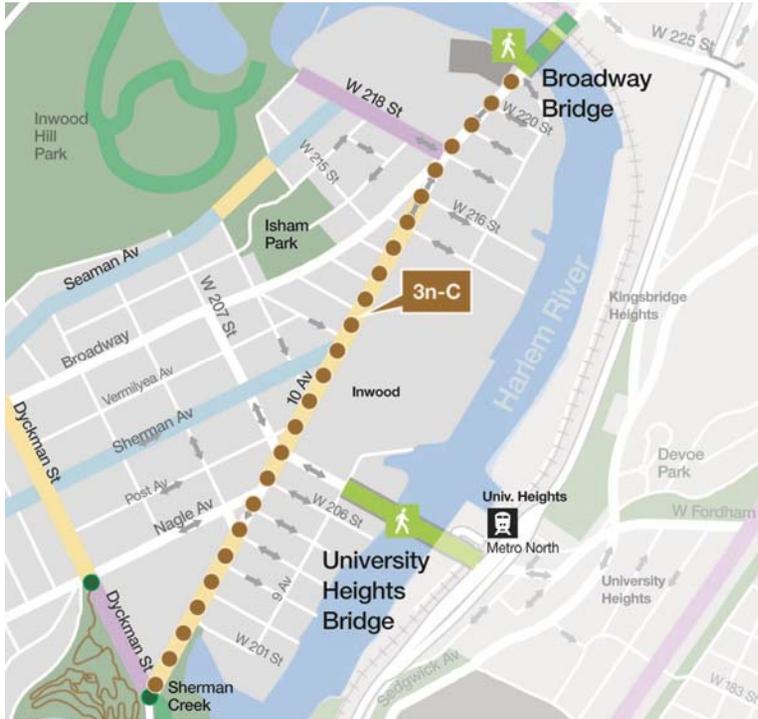
Concept Description

- Redesign the 9th Avenue and Broadway intersection to reduce pedestrian crossing distances
- Add neckdowns/curb extensions at Broadway at 220th St and 219th St



Potential: Neckdowns/curb extensions

Concept 3n-C: Enhanced Connections on 10th Ave



Existing: 10th Ave at Sherman Ave, Manhattan facing south



Potential: Marked bicycle facilities

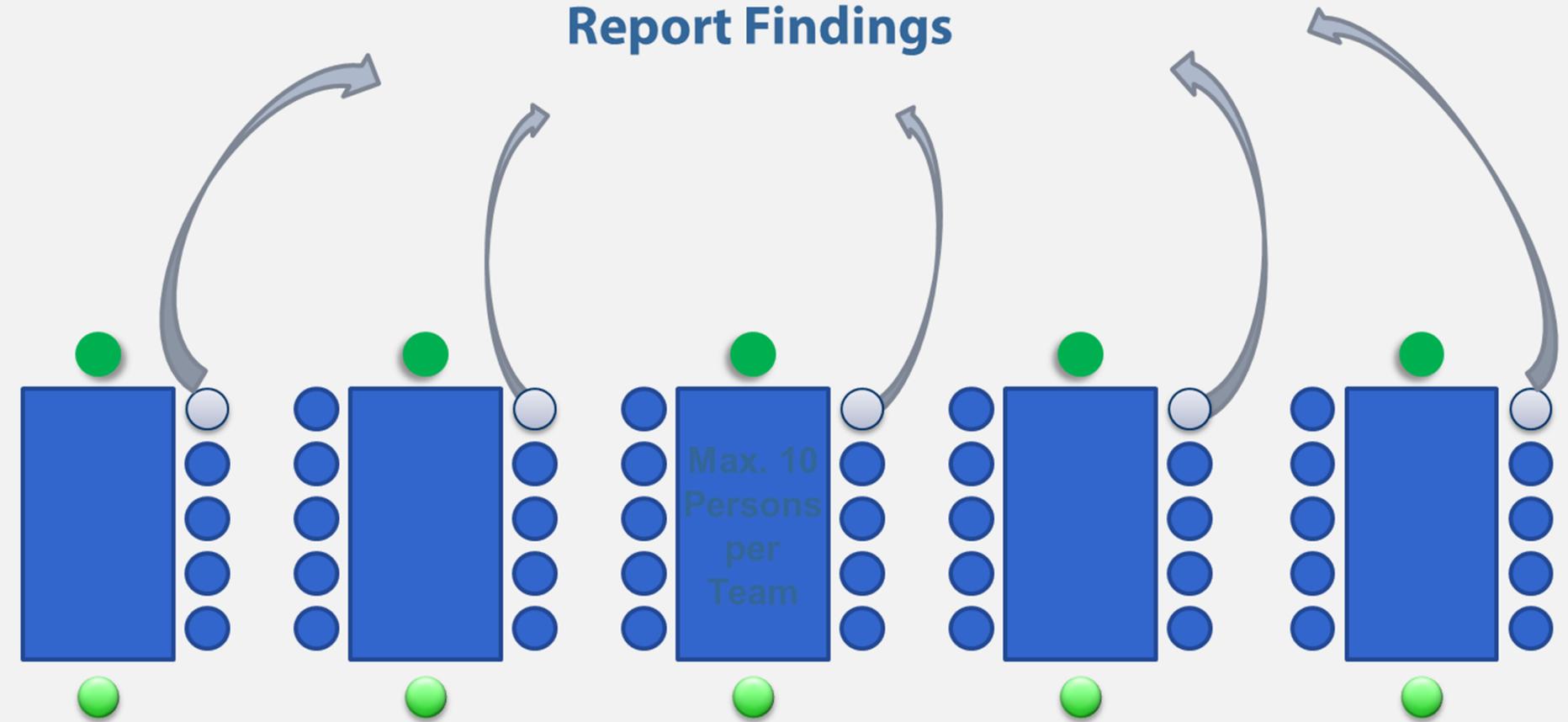


Potential: Curb extensions/neckdowns and enhanced markings

Break Out Groups

30 Minutes Discussion, 15 Minutes Share Out

Report Findings



-  Facilitator
-  Team Leader
-  Recorder

Questions?

Thank you!