New York City Transit

NEW YORK CITY DOT

First Avenue/Second Avenue SBS Community Advisory Committee Meeting

Hunter College School of Social Work

Thursday, January 14, 2010

Agenda

Introductions

Project Schedule

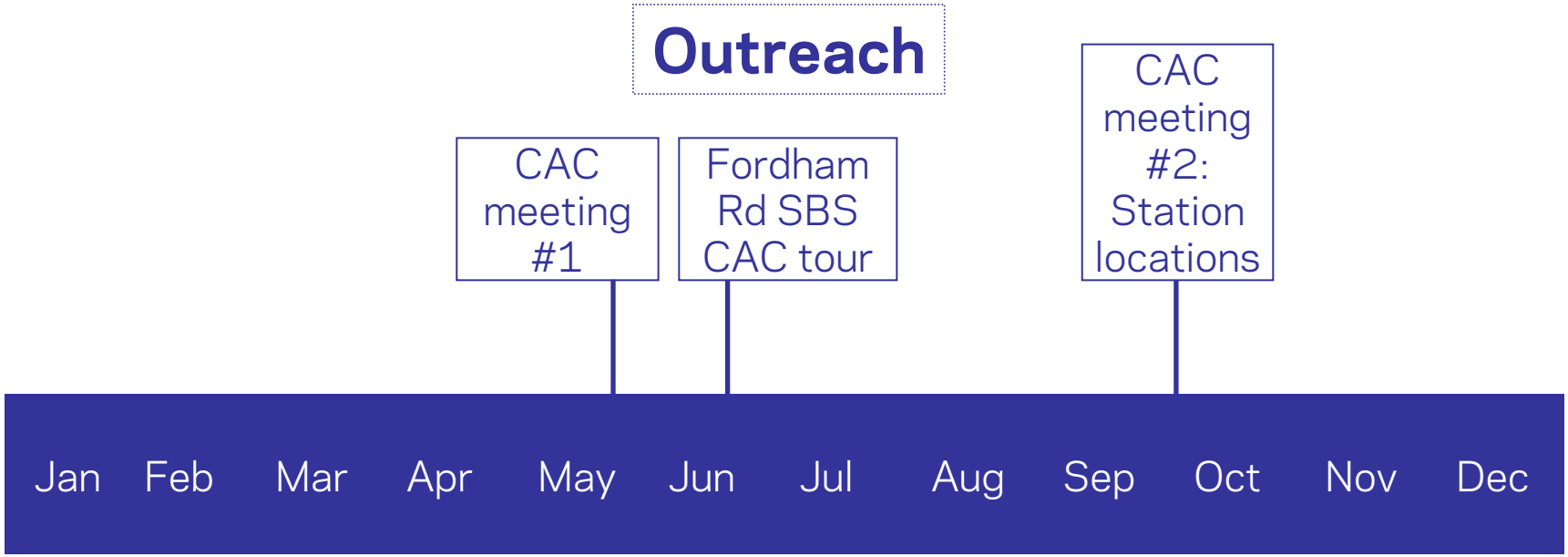
Station Locations Update

Design Goals

Design Update

Next steps

2009 Schedule



Project Milestones

2010 Schedule

Outreach

- CAC meeting #3: bike facility design
- CB meetings, First open house
- CAC meeting #4: curb regulations
- CAC meeting #5
- Second open house

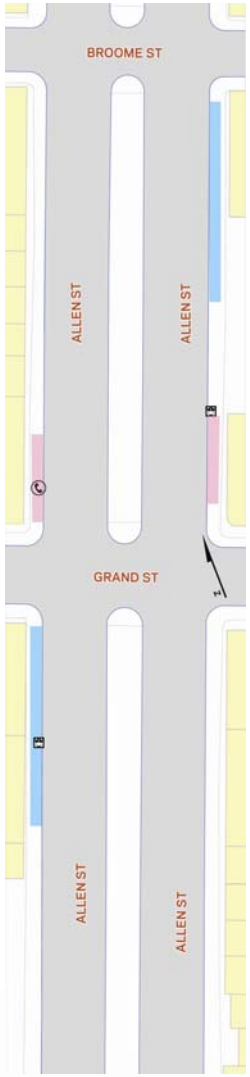
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Project Milestones

- Finalize station locations
- Finalize Phase 1 design
- CEQR/ SEQR Approval
- Complete installation of physical elements
- Phase 1 SBS Implementation

Station Locations Update

Grand Street/Allen Street



Northbound

SBS north of local between Grand and Broome Streets

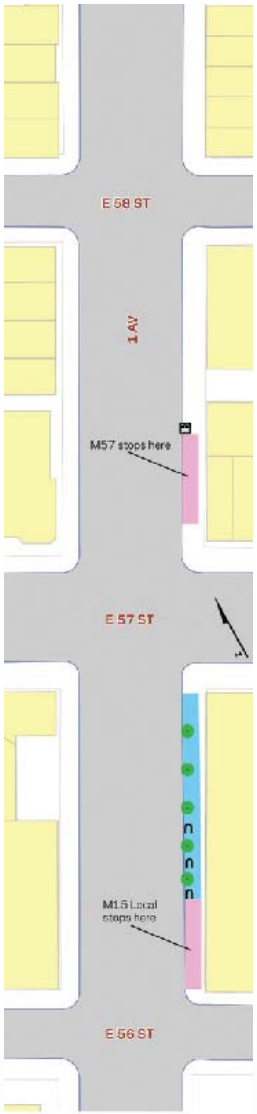
Southbound

SBS between and Hester and Grand Streets

Local between Grand and Broome Streets

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

57th Street/First Avenue (Northbound)



SBS north of local between 56th and 57th Streets

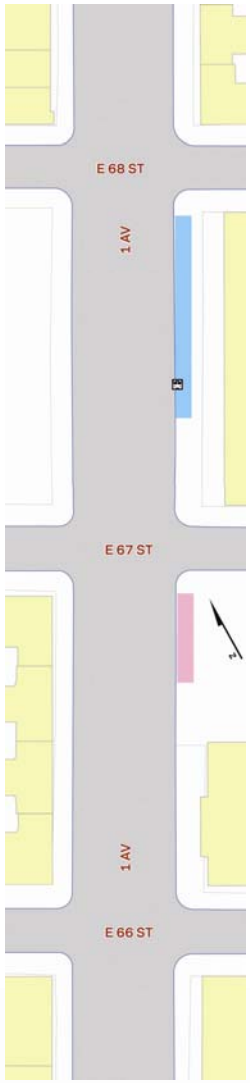
M57 stops on the far side of 57th Street

Issues:

- street trees
- bike racks

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

67th Street/First Avenue (Northbound)



SBS between 67th and 68th Streets

Local between 66th and 67th Streets

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

79th Street/First Avenue (Northbound)

SBS south of local between 79th and 80th Streets

Issues:

- street trees
- phone booth

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

86th Street/First Avenue (Northbound)

SBS north of local between 86th and 87th Streets

Issues:

- street trees
- phone booth

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

106th Street/First Avenue (Northbound)

SBS north of local between 106th and 107th Streets

Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

79th Street/Second Avenue (Southbound)

SBS north of local between 78th and 79th Streets

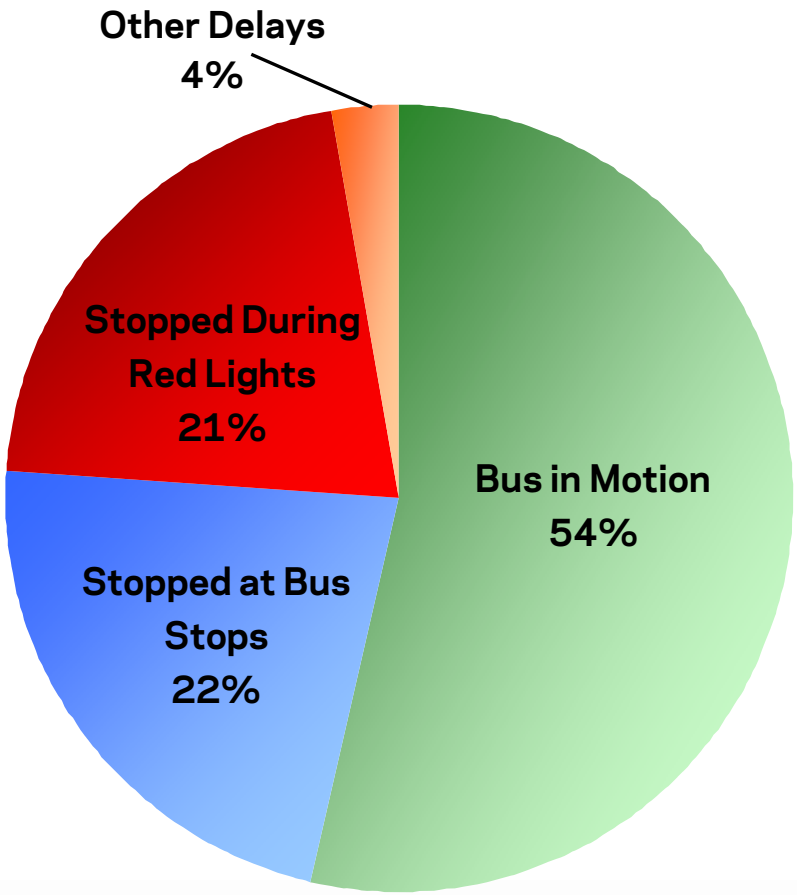
Local Stop
SBS Station
Sidewalk Vault
Phone Booth
Existing Bus Stop
Street Tree
S Subway Entrance
n Bicycle Rack

Design Goals

Design Goals

Improve bus service

Sources of delay on M15 Limited



34th Street Enhanced Bus Priority

Features:

Curbside bus lane

Real-time arrival information

Left-turn signal priority

Taxi video enforcement

Results:

17% improvement in travel time

29% less time stopped at red lights

Fordham Road Select Bus Service

Features:

Curbside Bus Lane

Off-Board Fare Collection

Transit Signal Priority

Results:

Travel Time: 20% reduction in running time

Ridership: 10% increase from October 2007 to October 2008

Customer Satisfaction: 98% satisfied or very satisfied

Design Goals

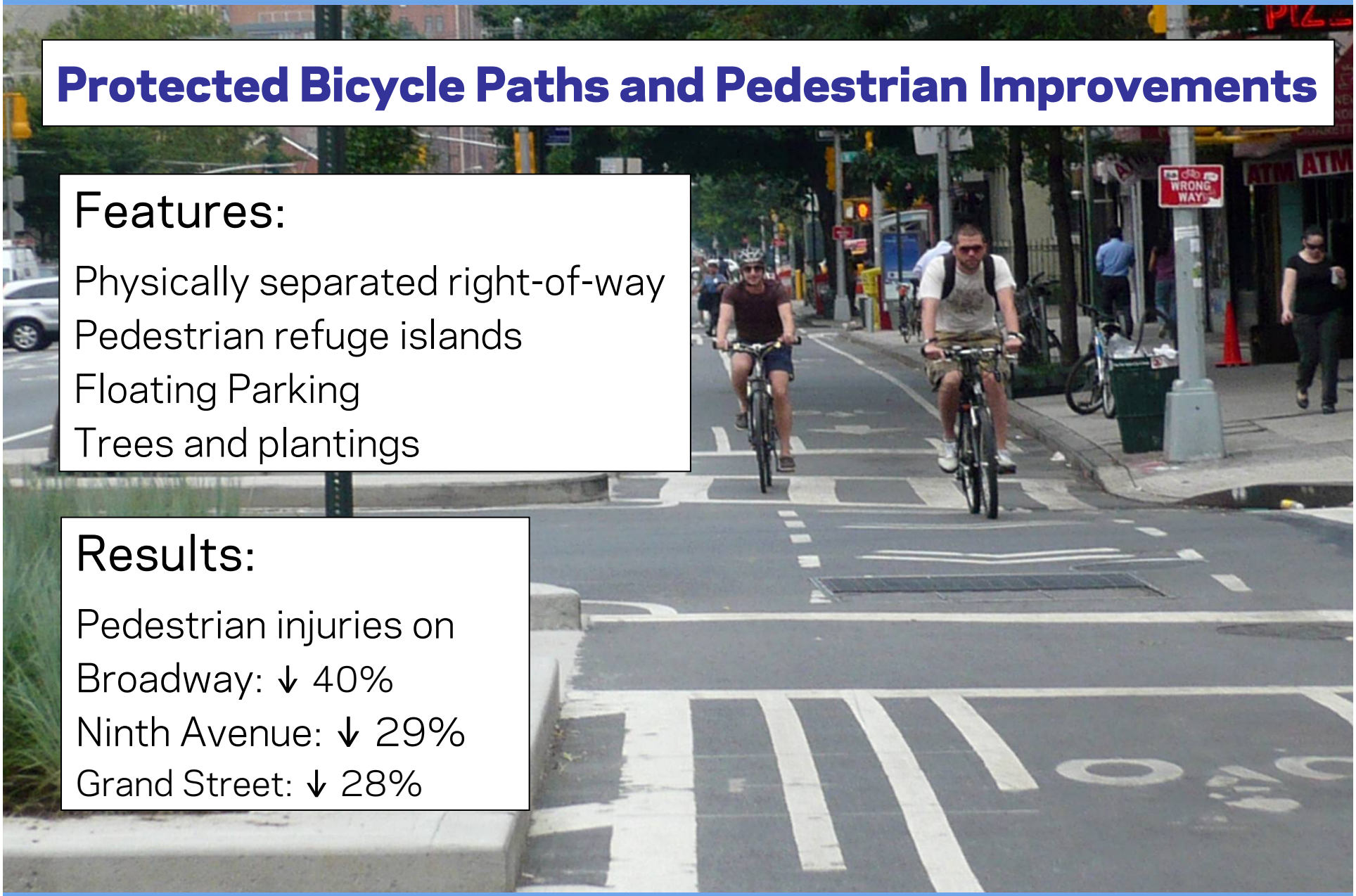
Improve bus service

Improve pedestrian safety

Pedestrian safety data, 2006-2008

	Pedestrian fatalities	Pedestrian crashes
First Avenue	7	538
Second Avenue	4	597

Protected Bicycle Paths and Pedestrian Improvements



Features:

Physically separated right-of-way
Pedestrian refuge islands
Floating Parking
Trees and plantings

Results:

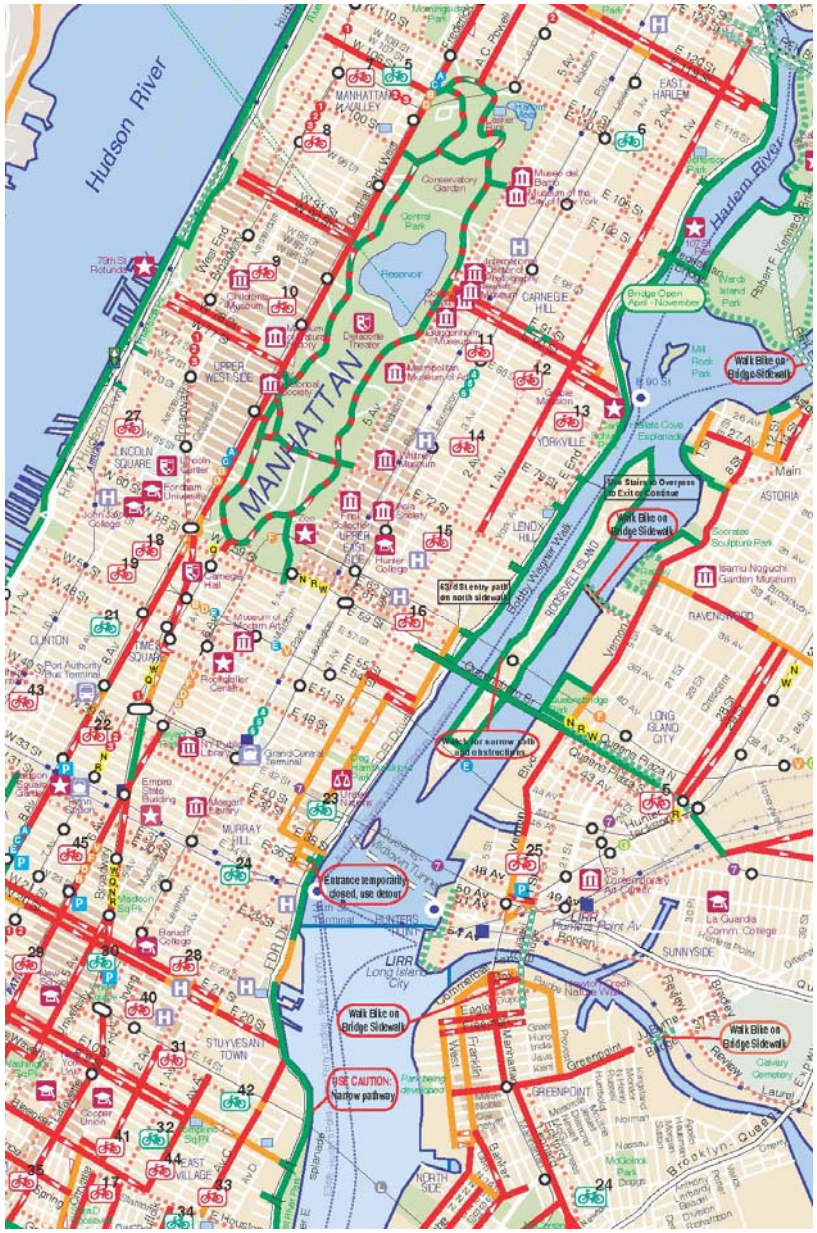
Pedestrian injuries on
Broadway: ↓ 40%
Ninth Avenue: ↓ 29%
Grand Street: ↓ 28%

Design Goals

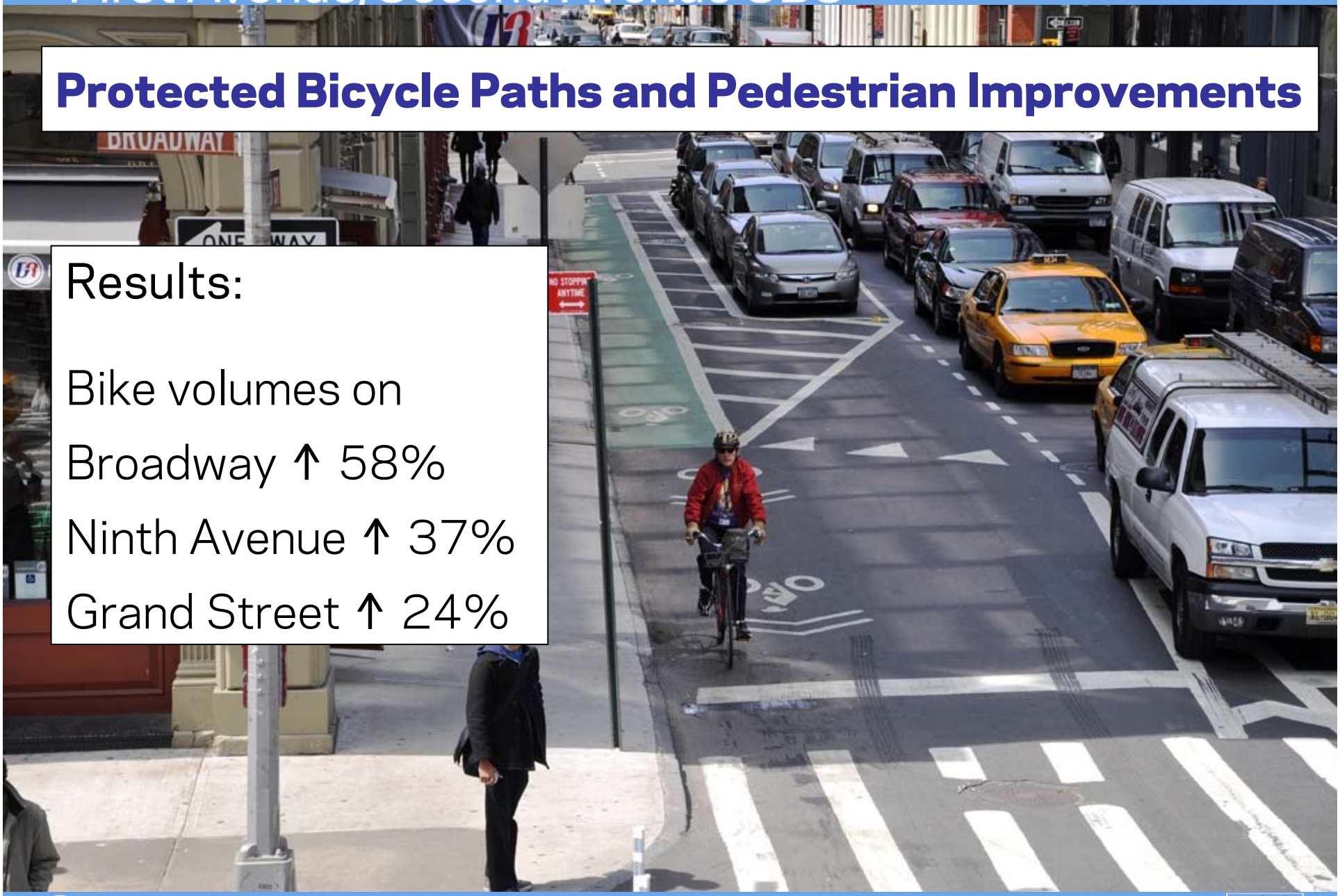
Improve bus service

Improve pedestrian safety

Improve bicycle access on the East Side



Protected Bicycle Paths and Pedestrian Improvements



Results:

Bike volumes on

Broadway ↑ 58%

Ninth Avenue ↑ 37%

Grand Street ↑ 24%

Design Goals

Improve bus service

Improve pedestrian safety

Improve bicycle access on the East Side

Maintain traffic flow

Allow curb access for deliveries, dropoffs

Provide metered parking

Design Update

Street Design

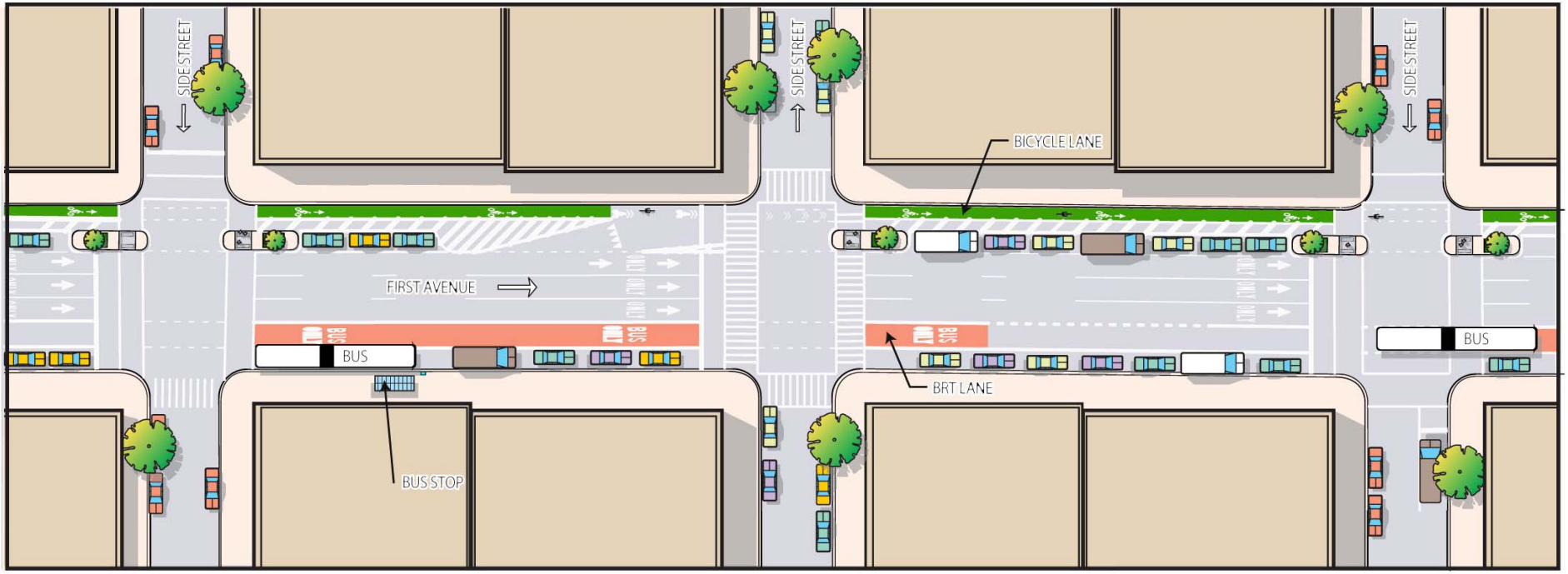
Range of treatments throughout the corridor due to:

- Traffic levels
- Changes in street width
- Curbside access needs

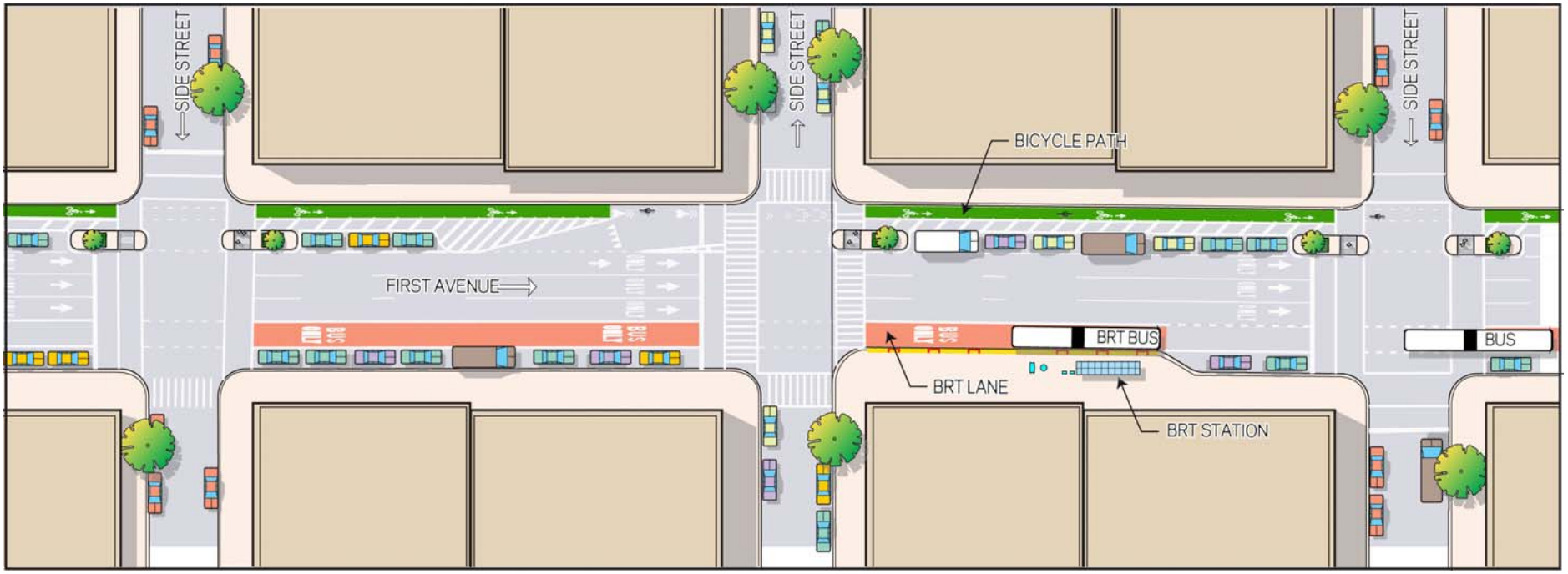
First Avenue/Second Avenue SBS

First Avenue/Second Avenue SBS

Design A

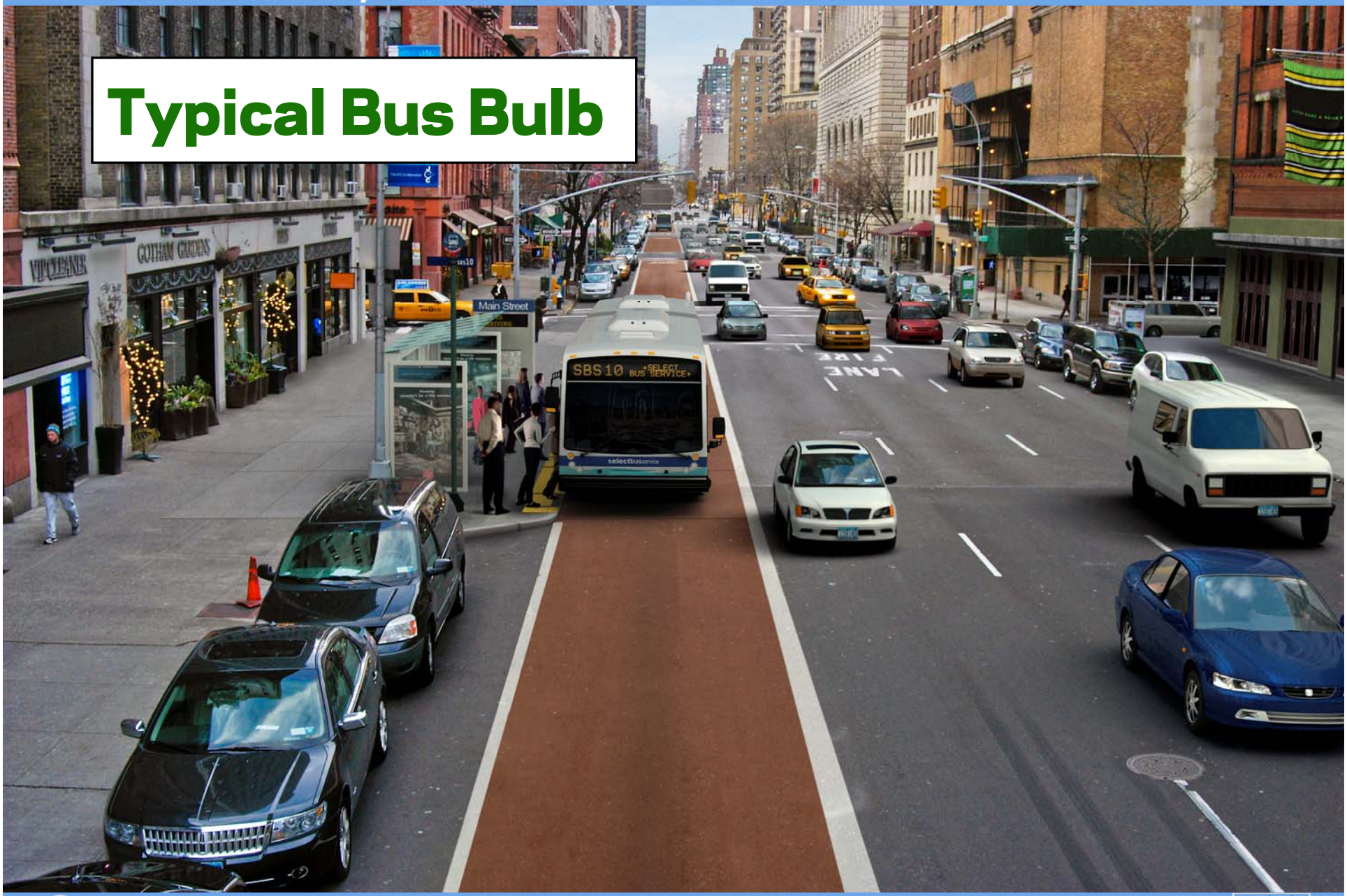

SIDE STREET
SIDE STREET
SIDE STREET
BICYCLE LANE
FIRST AVENUE
BUS
BUS
BUS
BUS
BRT LANE
BUS STOP

Design A with bus bulb



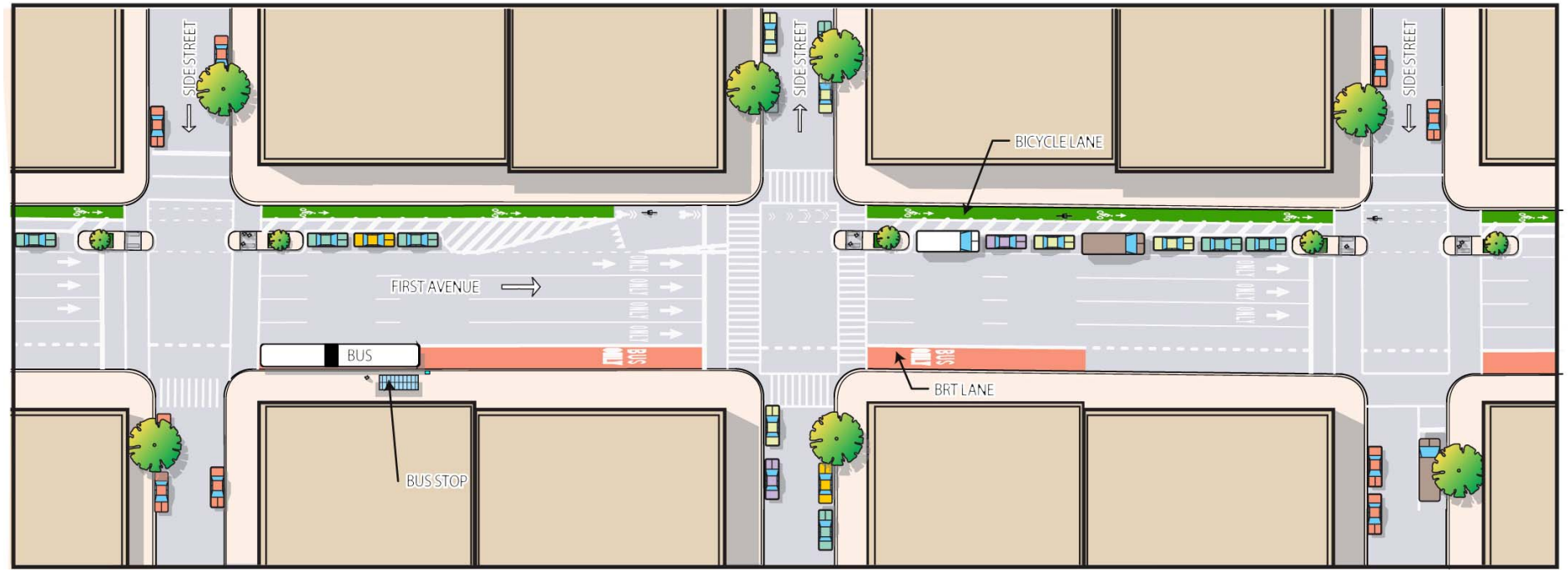
First Avenue/Second Avenue SBS

First Avenue/Second Avenue SBS



First Avenue/Second Avenue SBS

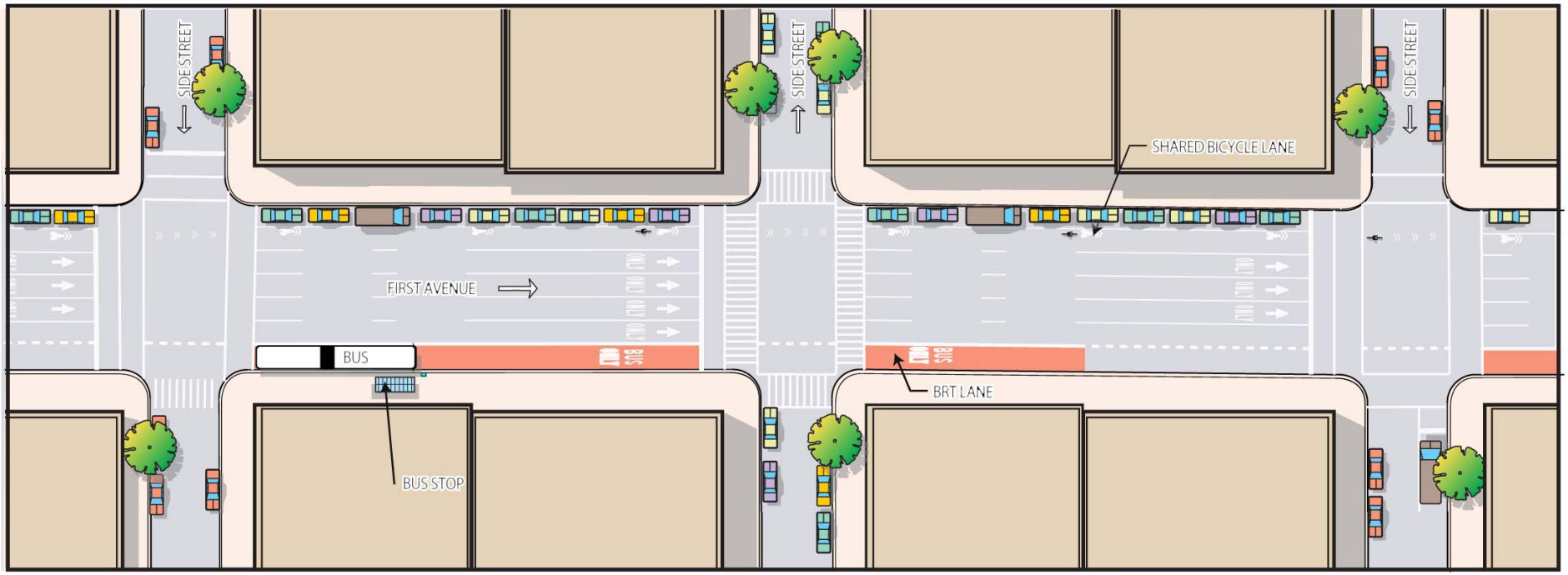
Design B


SIDE STREET
SIDE STREET
SIDE STREET
BICYCLE LANE
FIRST AVENUE
BUS
BUS
BUS
BRT LANE
BUS STOP

First Avenue/Second Avenue SBS

First Avenue/Second Avenue SBS

Design C


SIDE STREET
SIDE STREET
SIDE STREET
SHARED BICYCLE LANE
FIRST AVENUE
ONLY ONLY ONLY ONLY
ONLY ONLY ONLY
BUS
BUS
BUS
BRT LANE
BUS STOP

Corridor Map

- SBS Station
- A: Offset Bus Lane, Protected Bike Path
- B: Curb Bus Lane, Protected Bike Path
- C: Curb Bus Lane, Shared Bike Lane
- A or B, subject to further analysis
- No change to street design
- Construction Zone

Questions and Comments?

Next Steps

Input on curb use

Next meetings

- Public Open House/Workshops – February 2010
- Fourth CAC meeting – March 2010