

Broadway, 41st Ave to Baxter

Pedestrian Safety Improvements

2016



Project Background



- Broadway is a Vision Zero corridor and location is in a Vision Zero priority area
- Council Member Dromm has requested safety improvements around Elmhurst Hospital
- Pedestrian fatality occurred on Broadway at 79th St midblock crossing (2013)

Proposal Areas



1

2

3

← 78th St

79th St →

← 80th St

81st St →

← 41st Ave →

77th St →

← Broadway →

← Baxter Ave →

Ketcham St →

← Layton St

EXISTING: Broadway, 41st Ave, and 77th St

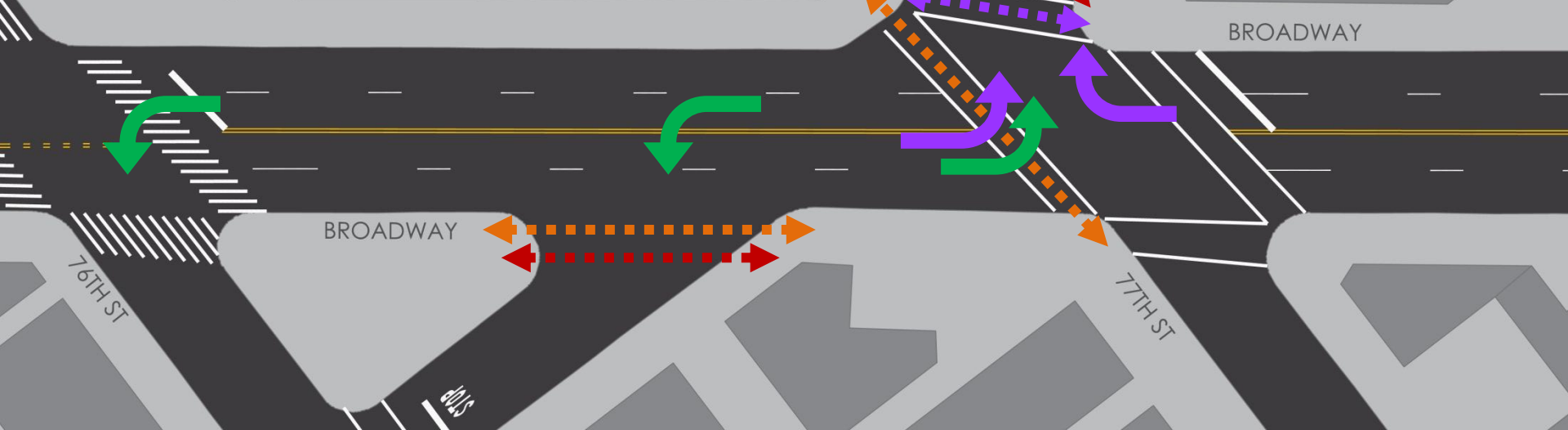


Missing crosswalks

Left turning vehicles cause congestion

Vehicle and pedestrian conflicts

Long crossings



PROPOSED: Broadway, 41st Ave, and 77th St

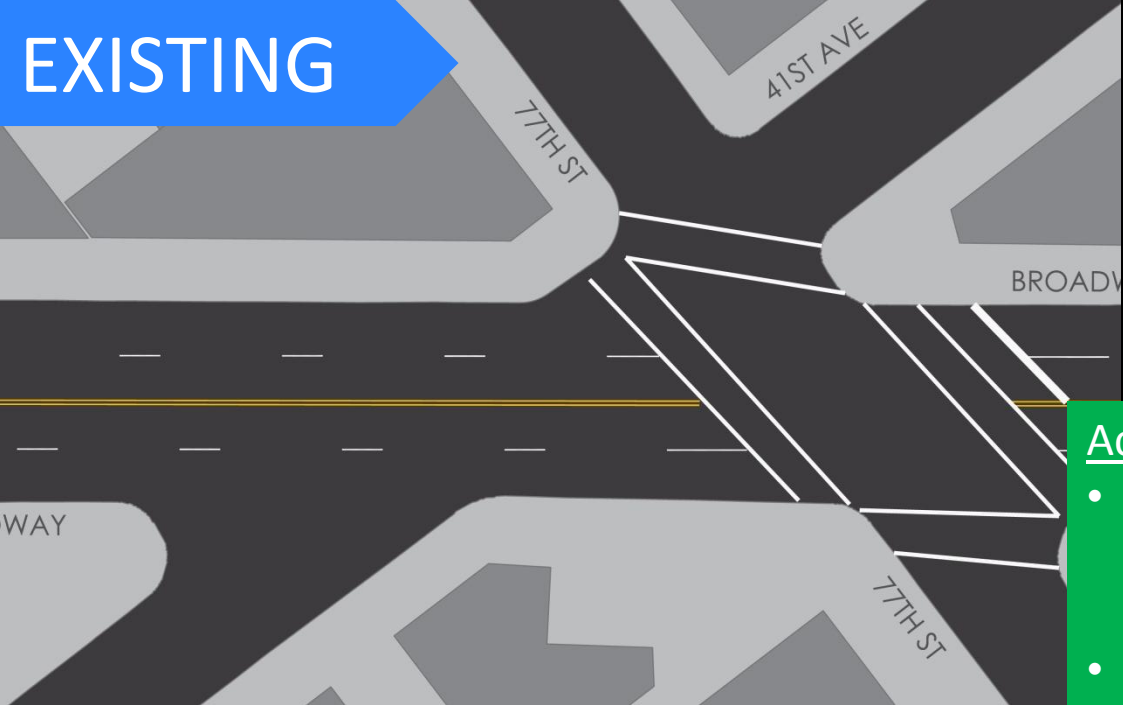
1

Actions:

- Build concrete sidewalk extension on NE corner of 77th St and Broadway
- Install painted sidewalk extension on NW corner 41st and Broadway
- Install left-turn bays on Broadway between 76th St and 77th St
- Reverse 41st Ave between 76th St and 77th St
- Add third signal phase and mark two new pedestrian crosswalks
- Mark high visibility crosswalks

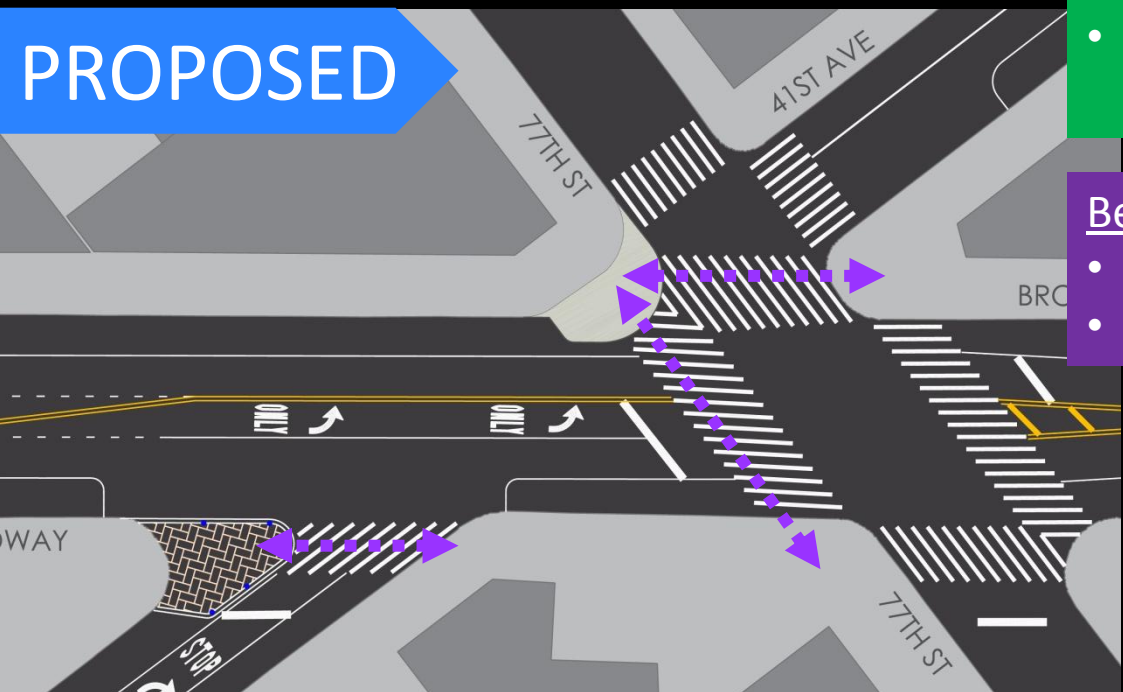


EXISTING



- Actions:
- Build concrete sidewalk extension on NE corner of 77th St and Broadway
 - Install painted sidewalk extension on NW corner 41st and Broadway
 - Reverse 41st Ave between 76th St to Broadway

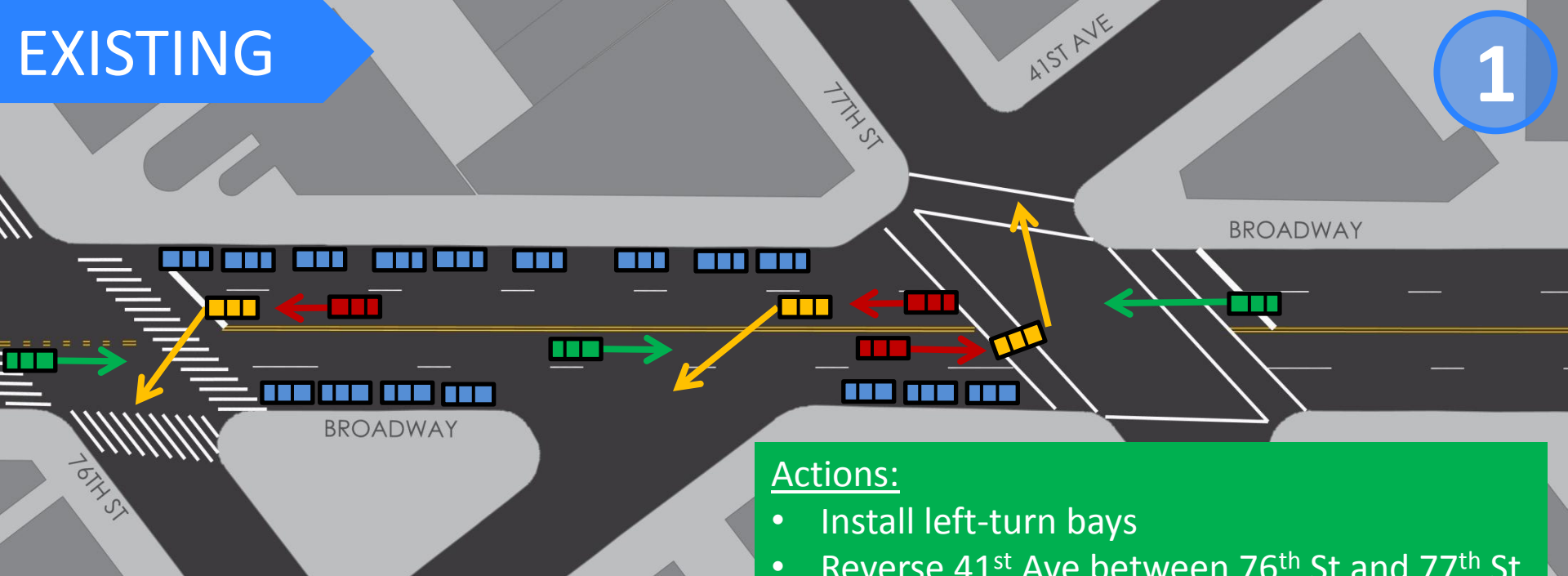
PROPOSED



- Benefits:
- Increases pedestrian space
 - Shortens and improves crossings

EXISTING

1



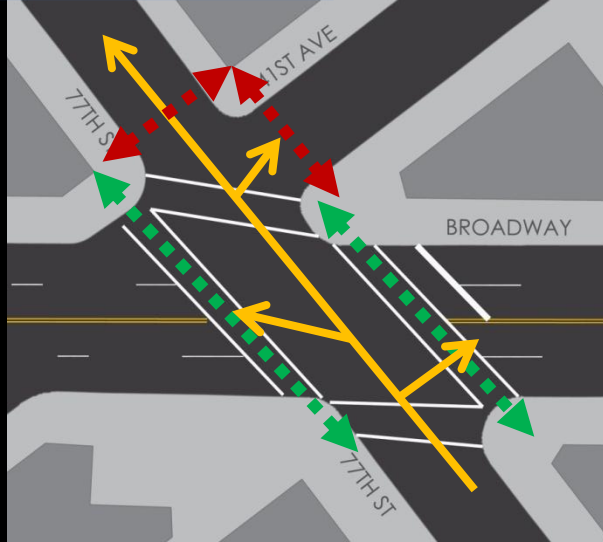
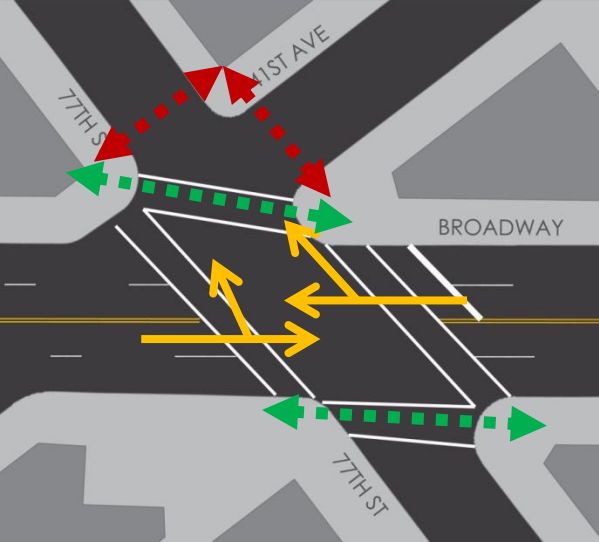
- Actions:
- Install left-turn bays
 - Reverse 41st Ave between 76th St and 77th St

PROPOSED

- Benefits:
- Reduce turning conflicts
 - Reduce congestion and pressure on turning vehicles

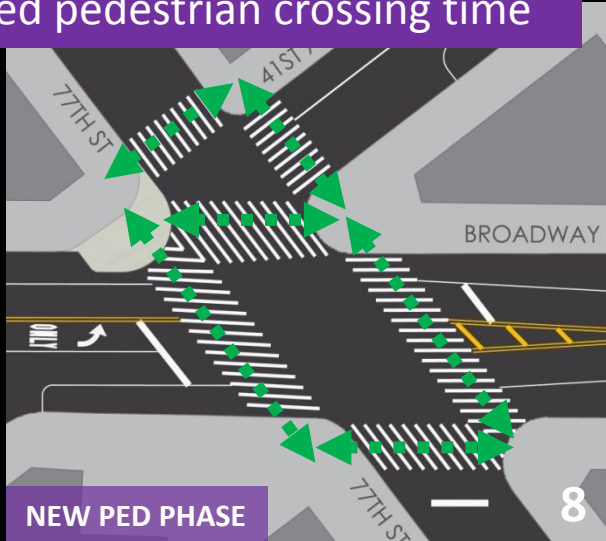
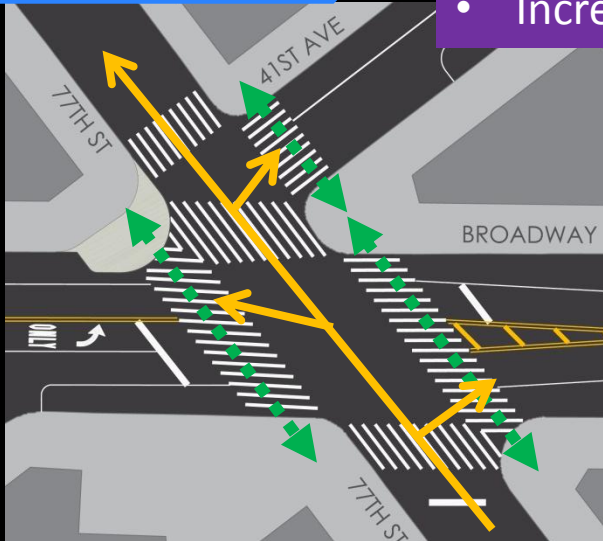


EXISTING: Signal Timing



- Actions:
- Third signal phase for pedestrian crossing

PROPOSED: Signal Timing



- Benefits:
- New crosswalks
 - Increased pedestrian crossing time

NEW PED PHASE

Proposal Areas



EXISTING: 41st Ave and 80th St

2



- Wide one-way street
- Lack of pedestrian crossing at hospital entrance
- Unclear parking markings

PROPOSED: 41st Ave and 80th St

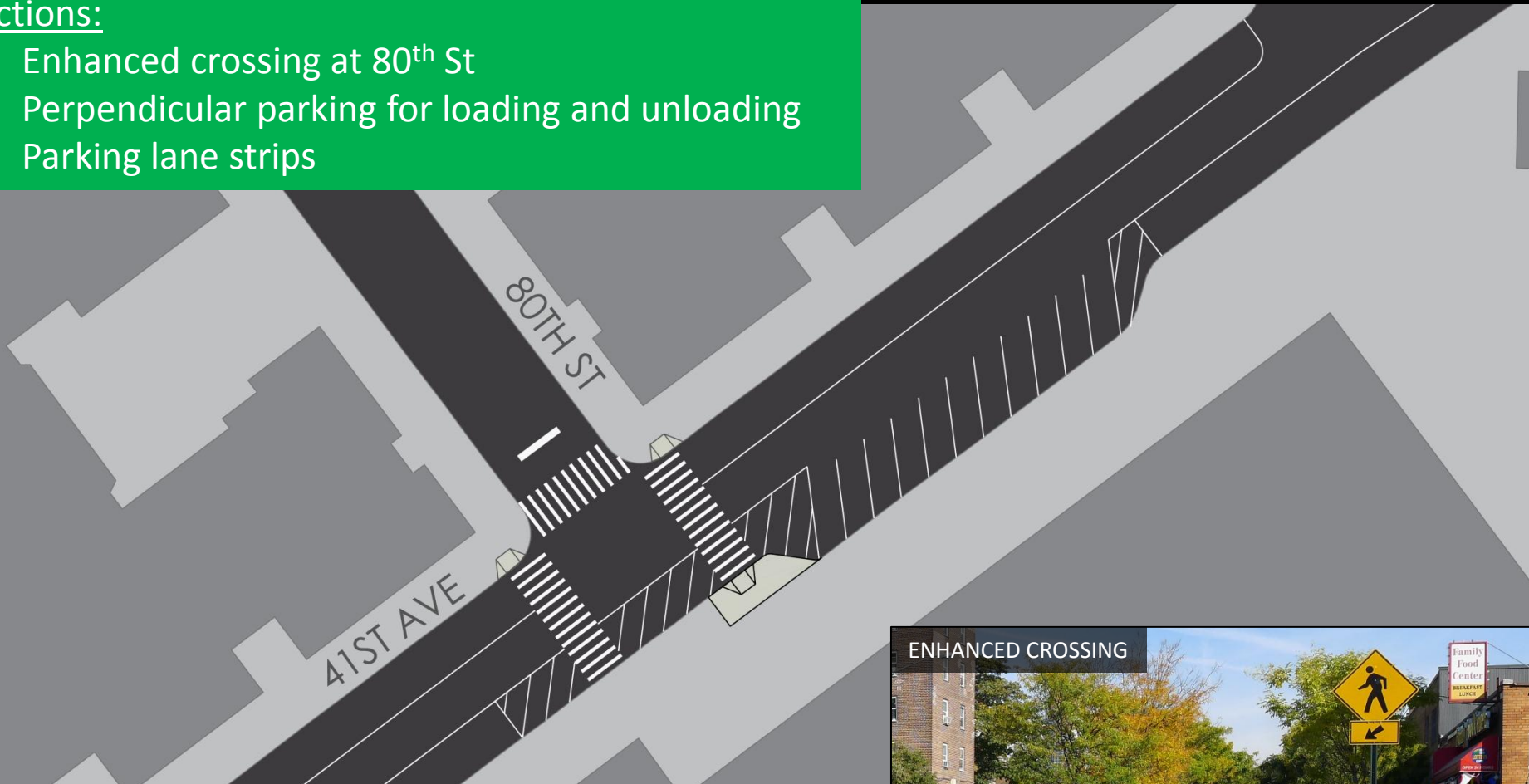
2

Actions:

- Enhanced crossing at 80th St
- Perpendicular parking for loading and unloading
- Parking lane strips

Benefits:

- Creates a safer pedestrian crossing
- Formalizes how vehicles park today
- Calms and organized traffic

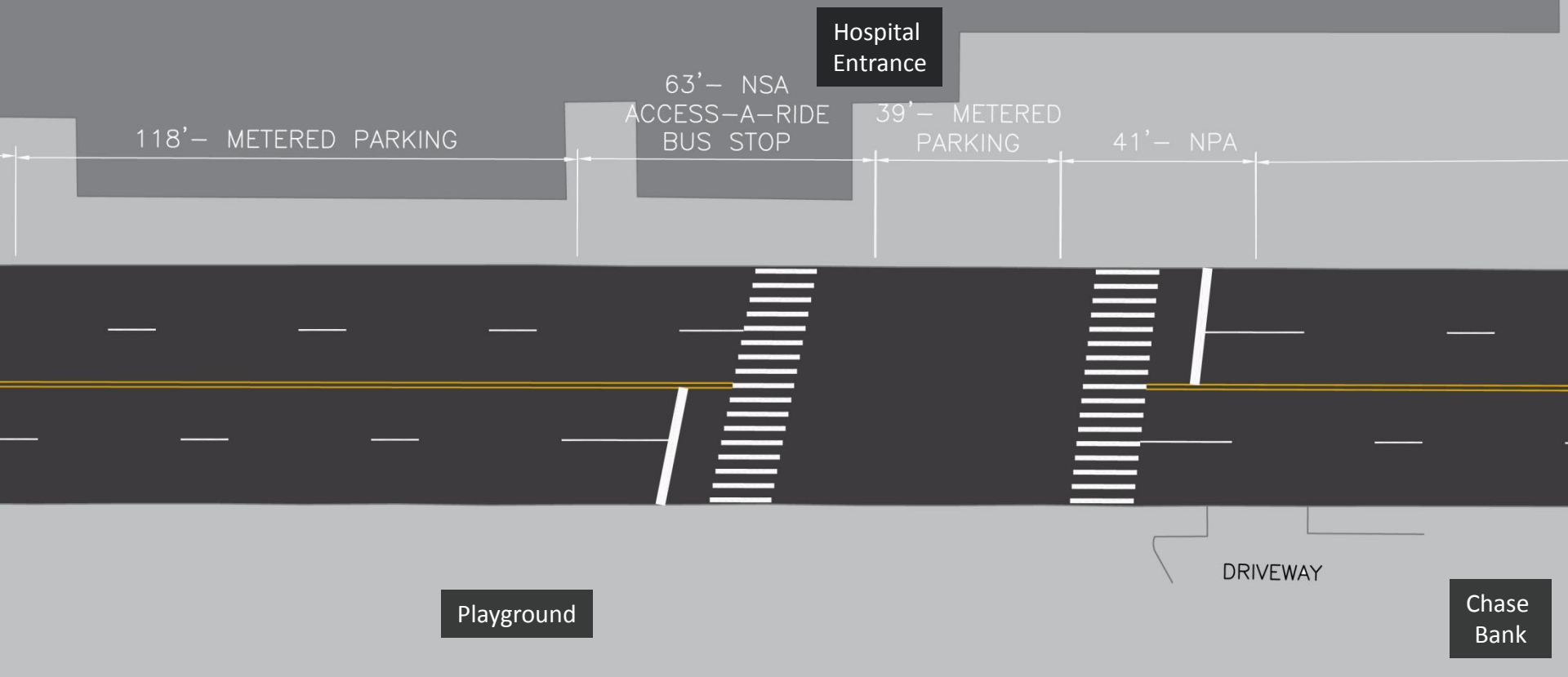


Proposal Areas



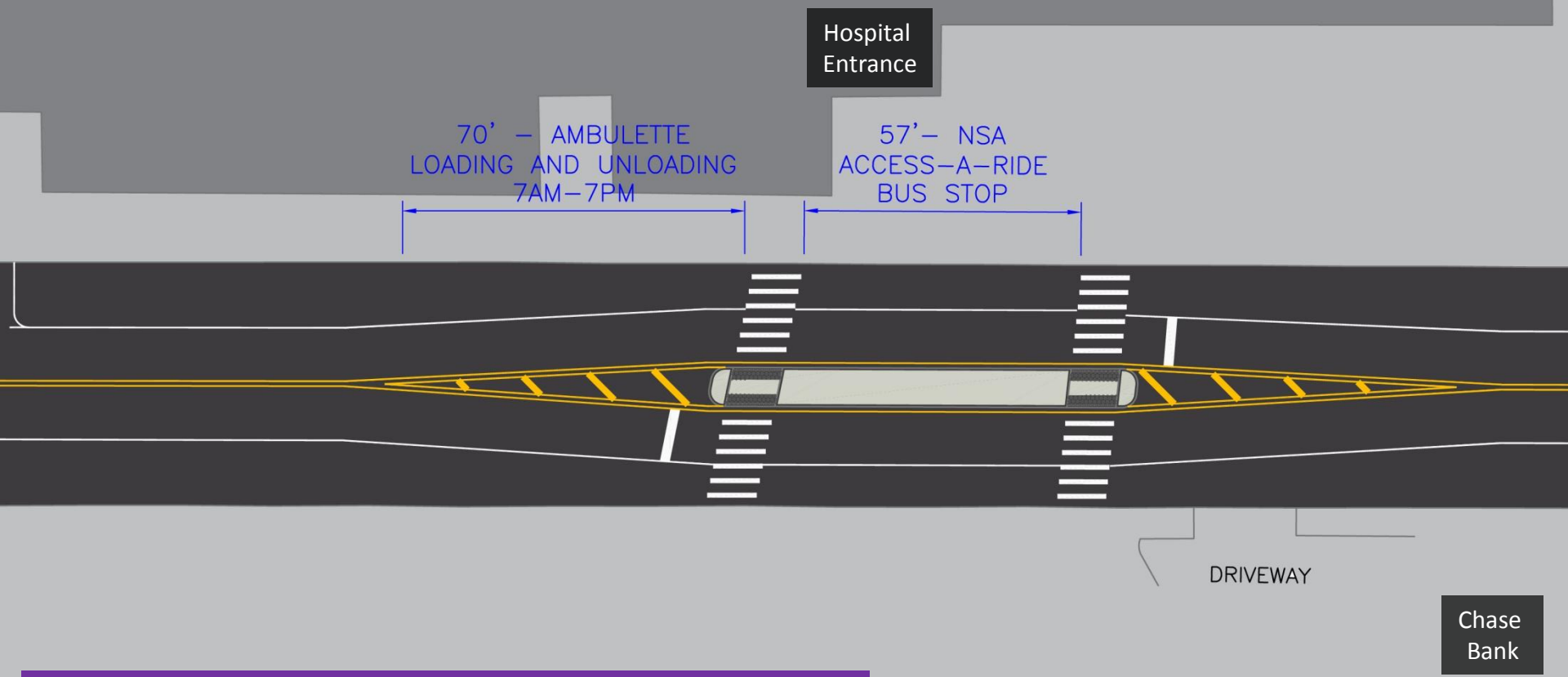
EXISTING: Broadway Midblock Crossing

- Pedestrian fatality in 2013
- Marked as two moving lanes with insufficient road width
- Double parking in front of hospital entrance reduces visibility and limits access



PROPOSED: Broadway Midblock Crossing

- Actions:
- Construct concrete safety island
 - Curb regulation changes to better accommodate loading and unloading



- Benefits:
- Calms traffic and provides pedestrian refuge
 - Reduces double parking at crosswalks



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Thank
You