

Broadway, 41st Ave to Baxter

Pedestrian Safety Improvements

2016



Project Background



= Ped Injury
= Ped Fatality
* 2009-2014 NYPD Data

- 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



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



← Transit Hub

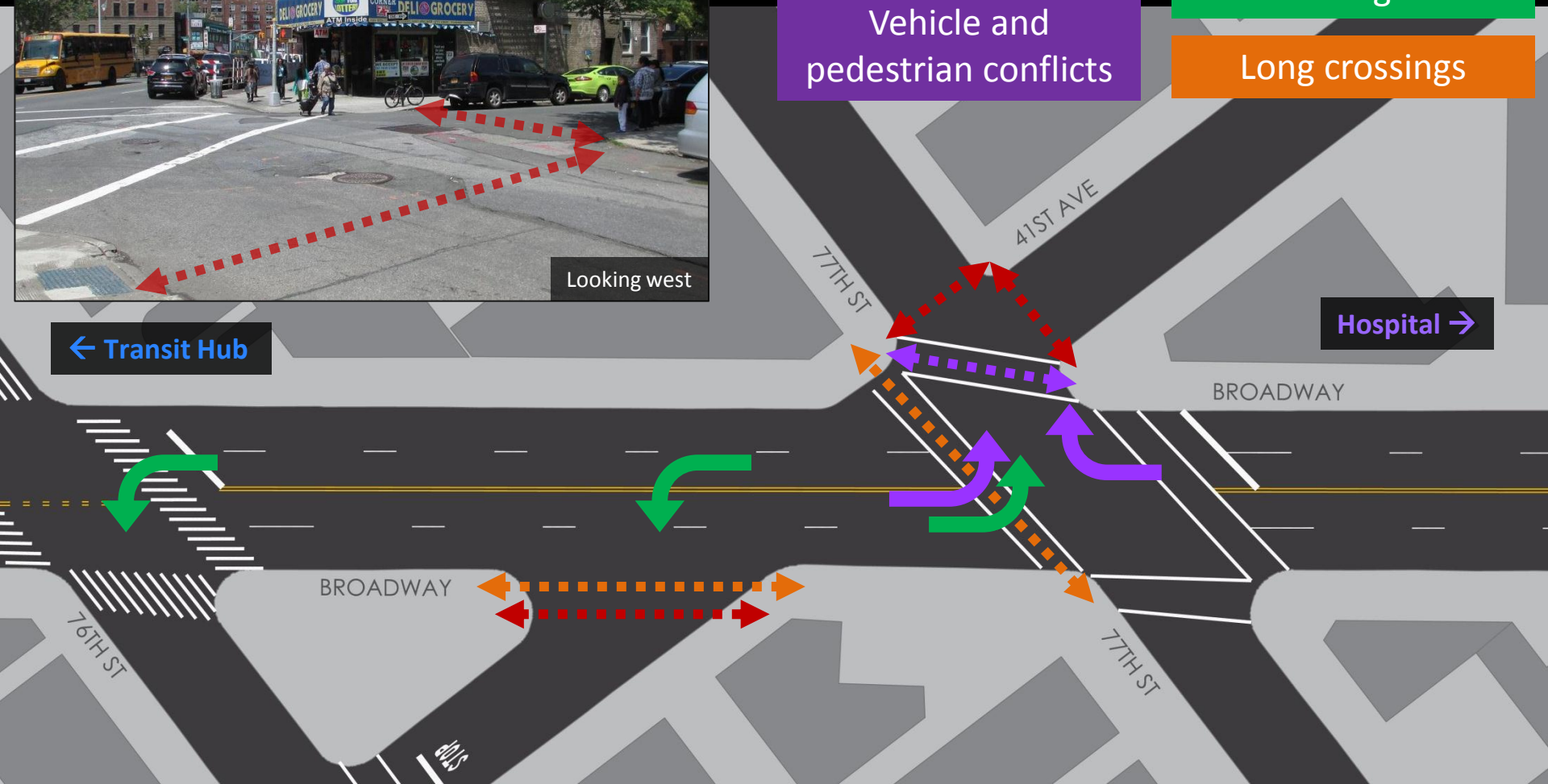
Missing crosswalks

Left turning vehicles cause congestion

Vehicle and pedestrian conflicts

Long crossings

Hospital →



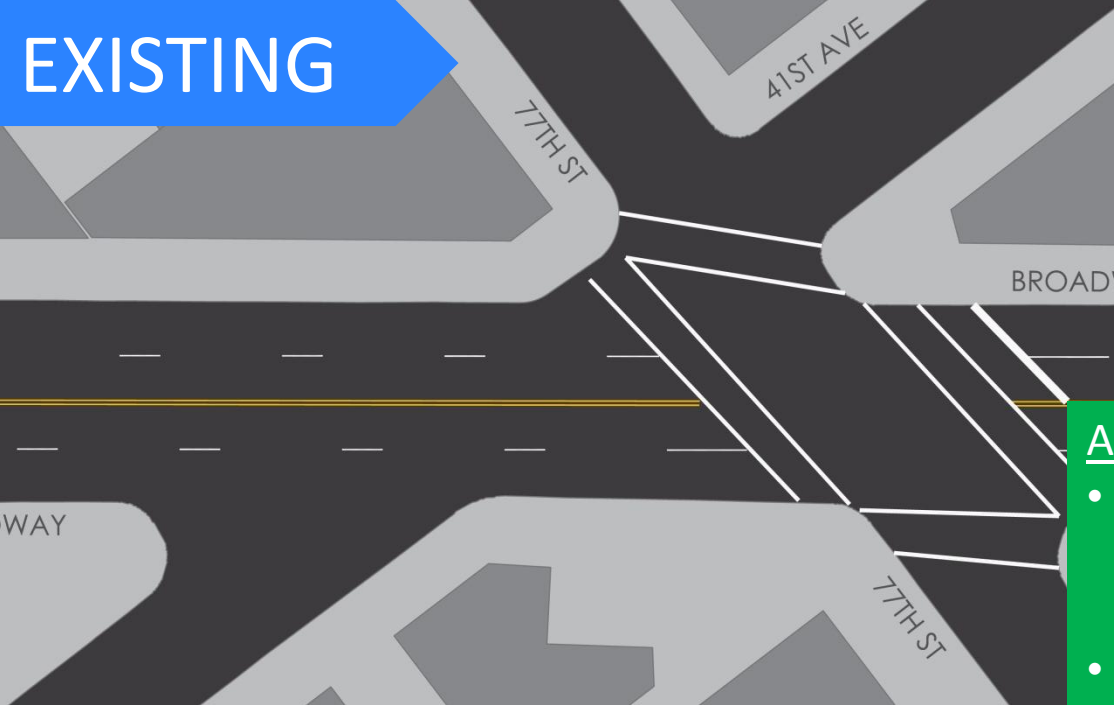
PROPOSED: Broadway, 41st Ave, and 77th St

1

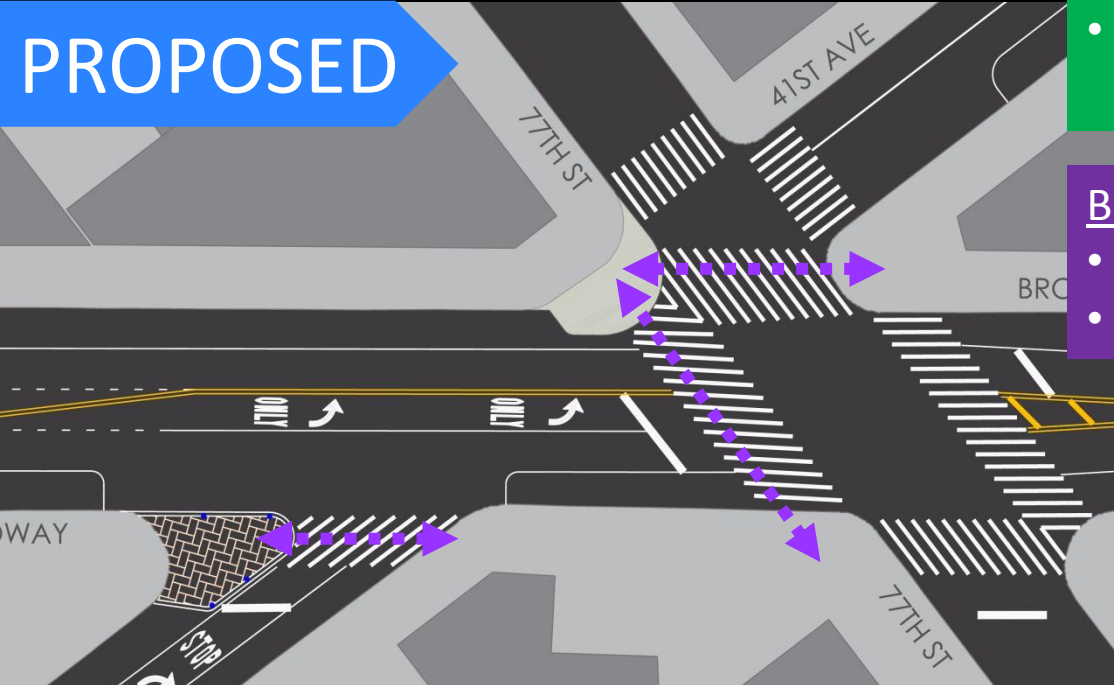
Actions:

- 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

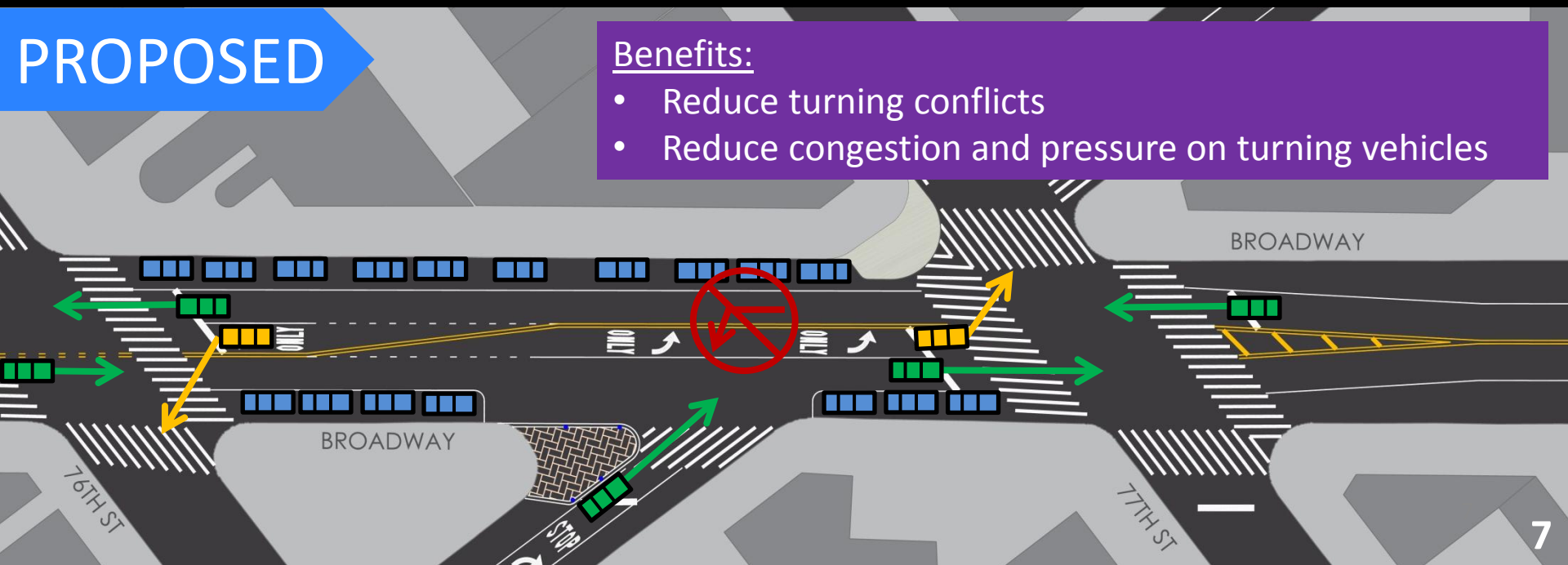
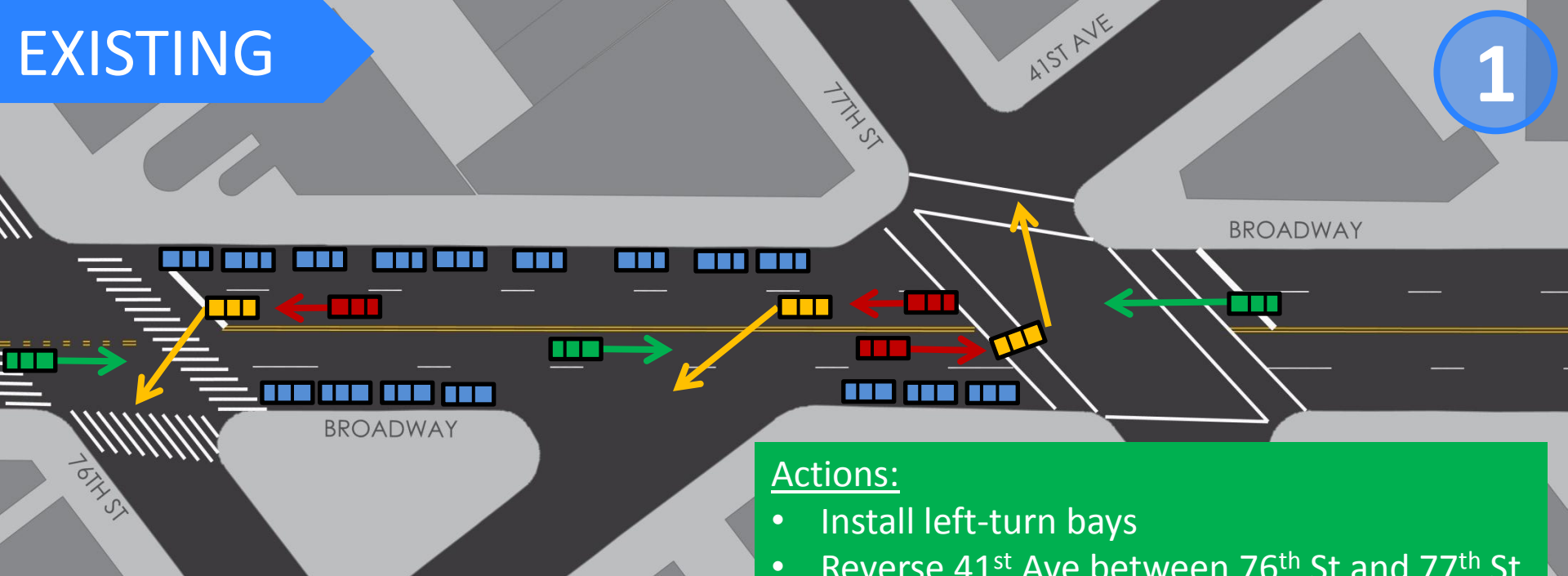




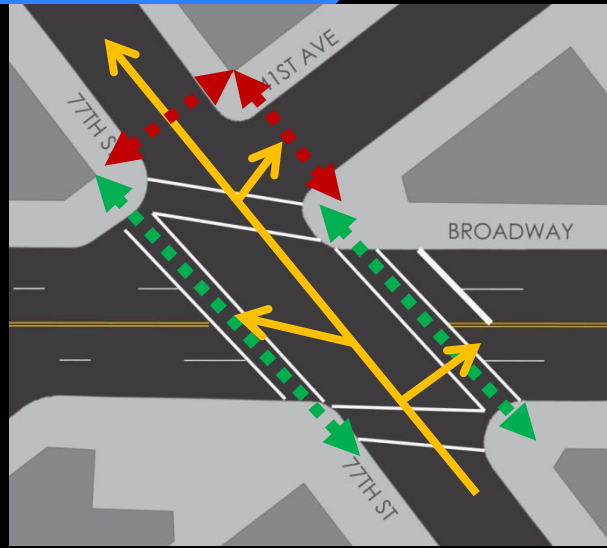
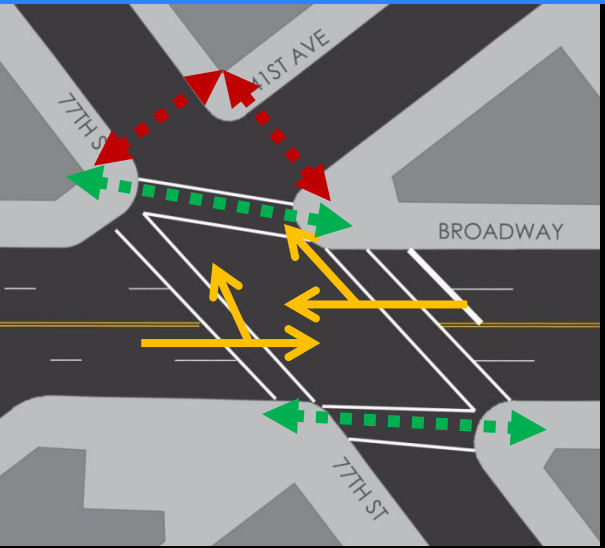
- Actions:
- Build concrete sidewalk extension on NE corner of 77th St and Broadway
 - Install painted sidewalk extension on NW corner 41st and Broadway
 - Reverse 41st Ave between 76th St to Broadway



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

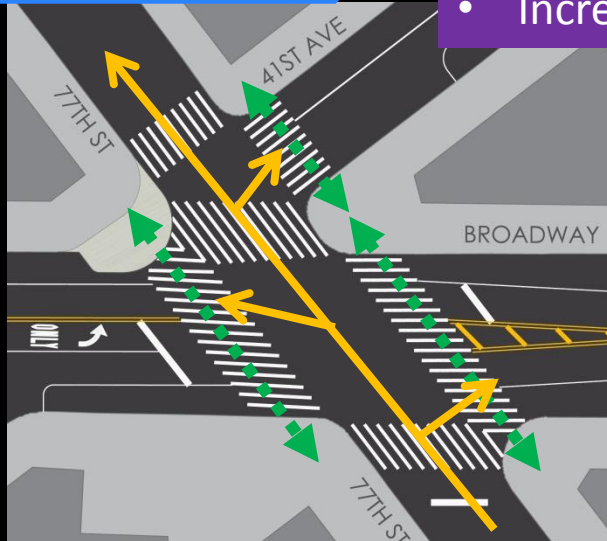


EXISTING: Signal Timing

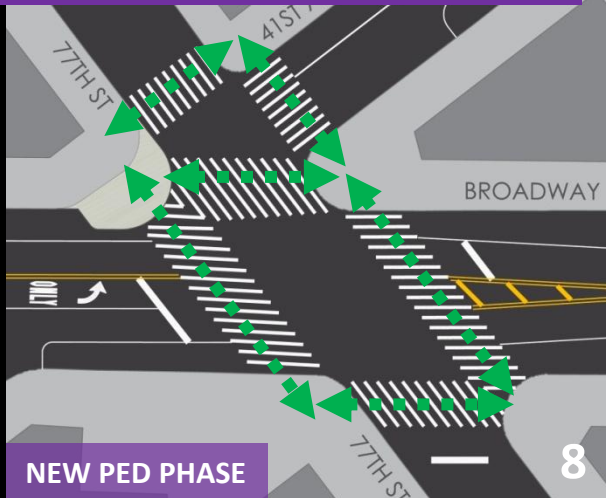


- Actions:
- Third signal phase for pedestrian crossing

PROPOSED: Signal Timing



- Benefits:
- New crosswalks
 - Increased pedestrian crossing time



Proposal Areas



EXISTING: 41st Ave and 80th St



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

PROPOSED: 41st Ave and 80th St

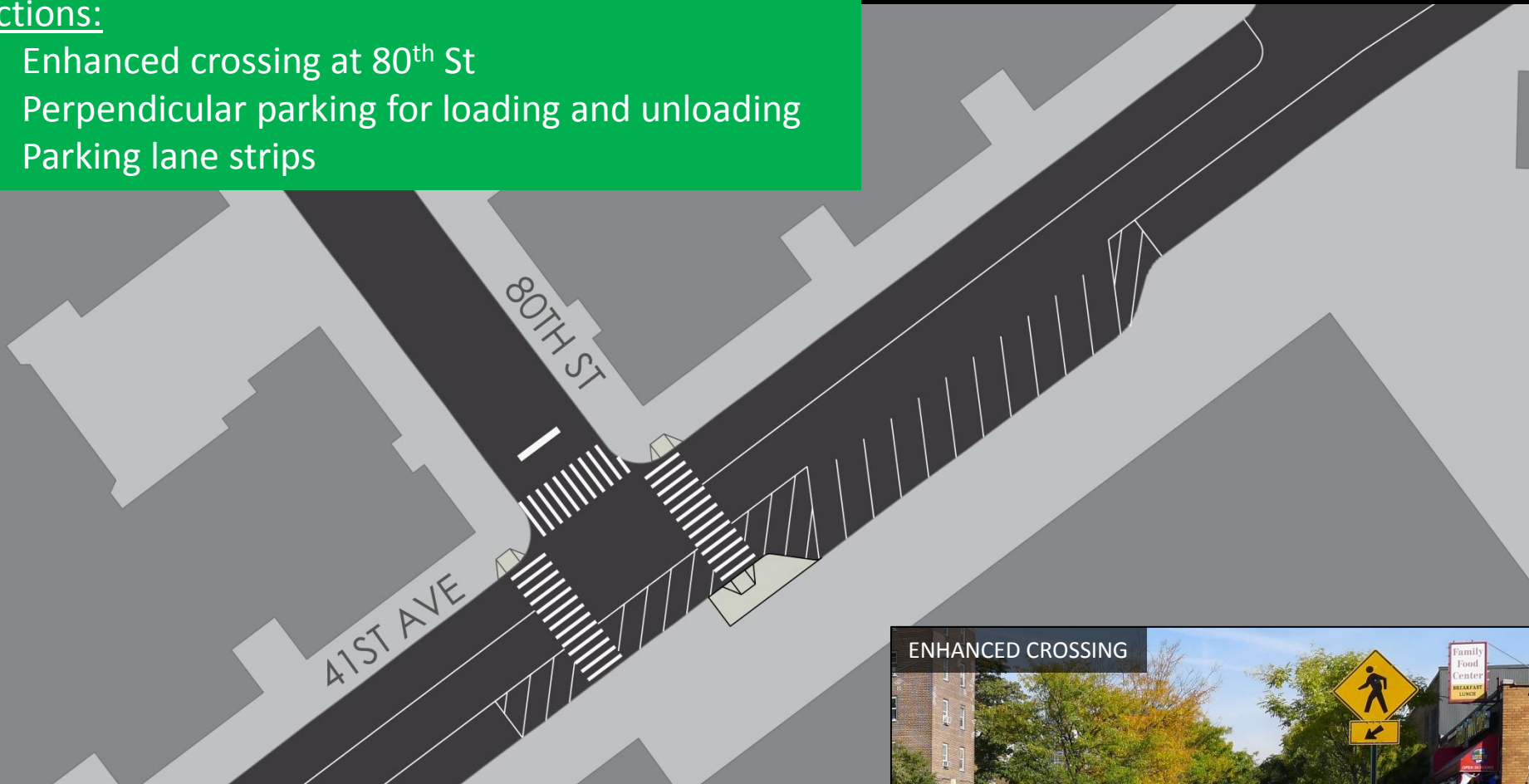
2

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

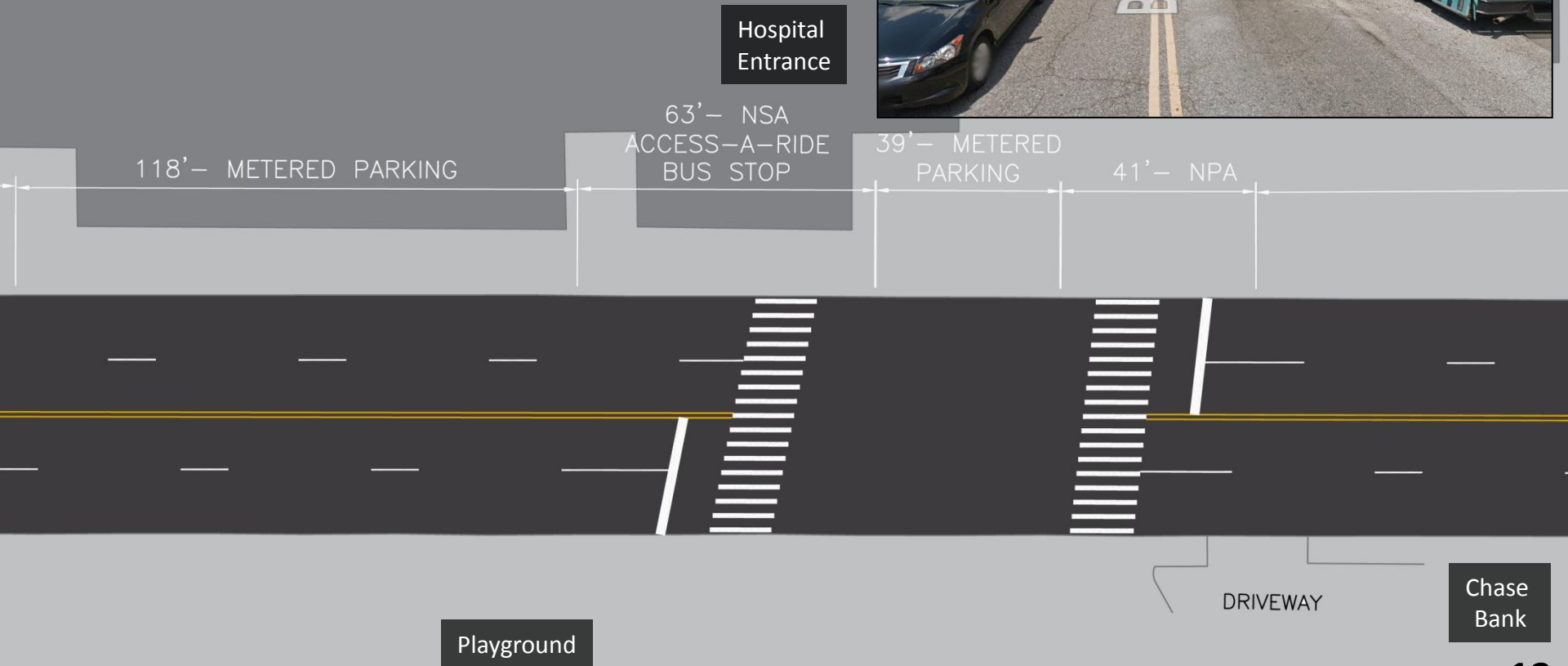


Proposal Areas



EXISTING: Broadway Midblock Crossing

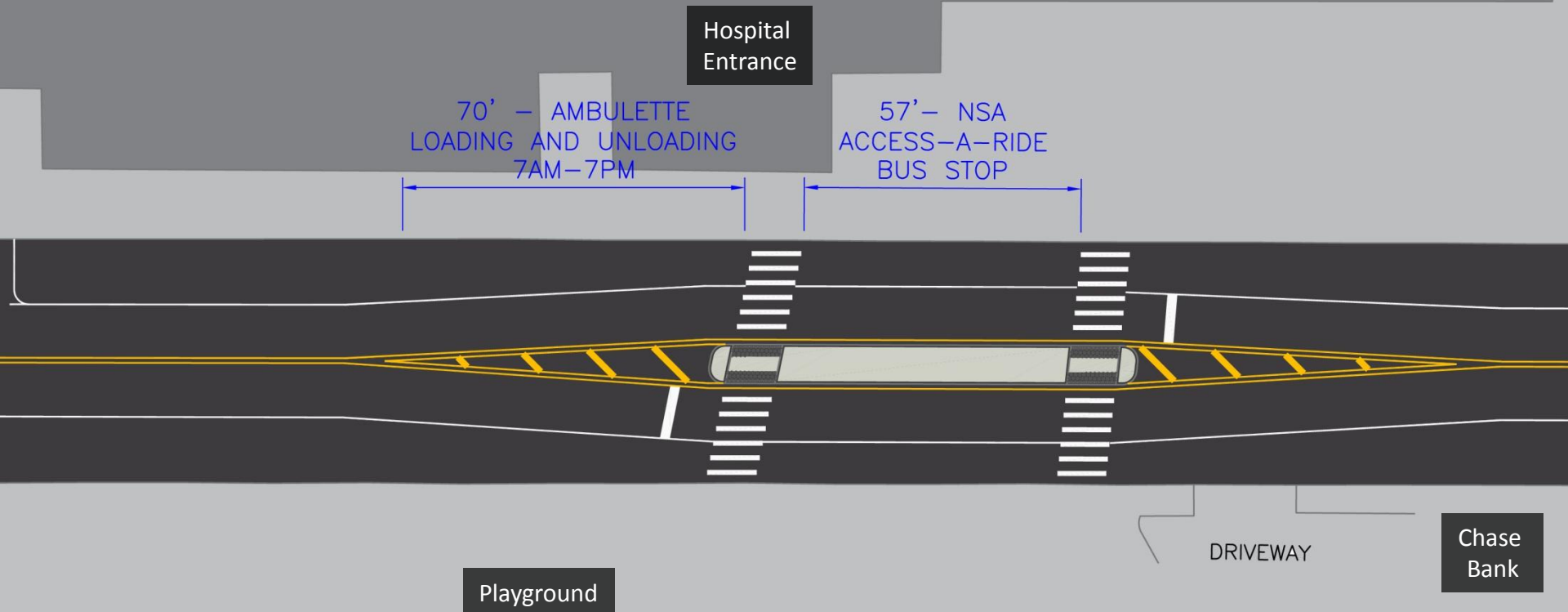
- Pedestrian fatality in 2013
- Marked as two moving lanes with insufficient road width
- Double parking in front of hospital entrance reduces visibility and limits access



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





nyc.gov/dot

Thank
You