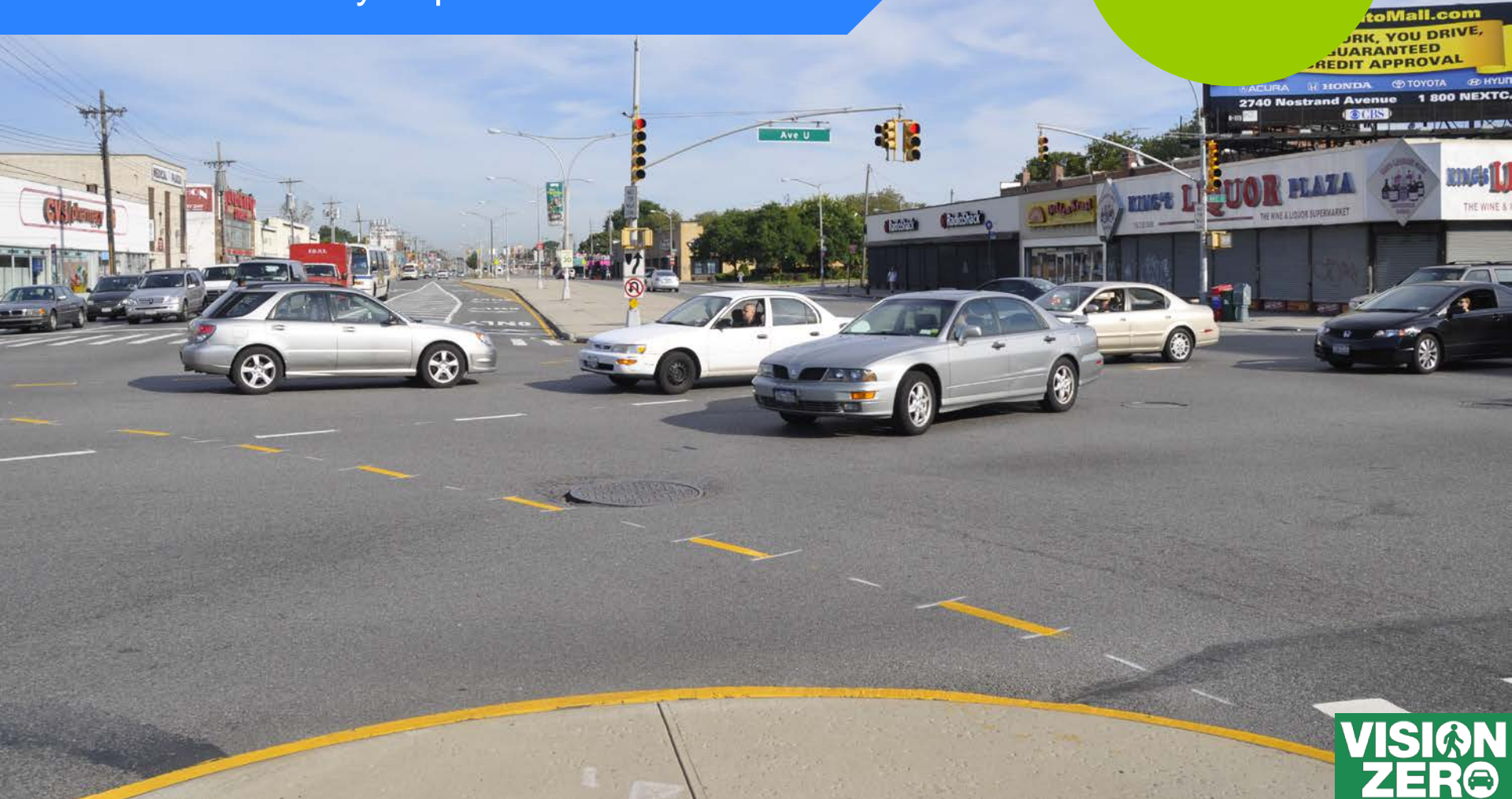


# Flatbush Ave: Ave U to Ave V

## Pedestrian Safety Improvements

2015





# Project Area

← AVENUE U →

← FLATBUSH AVE →

KINGS  
PLAZA  
MALL

← AVENUE V →

- Community District 18
- Kings Plaza Mall to east and commercial strip to west draw pedestrians and vehicles
- Both Home Depot & Lowes on Ave U increase volumes on busy corridor
- MTA bus terminal
- Belt Pkwy access to south



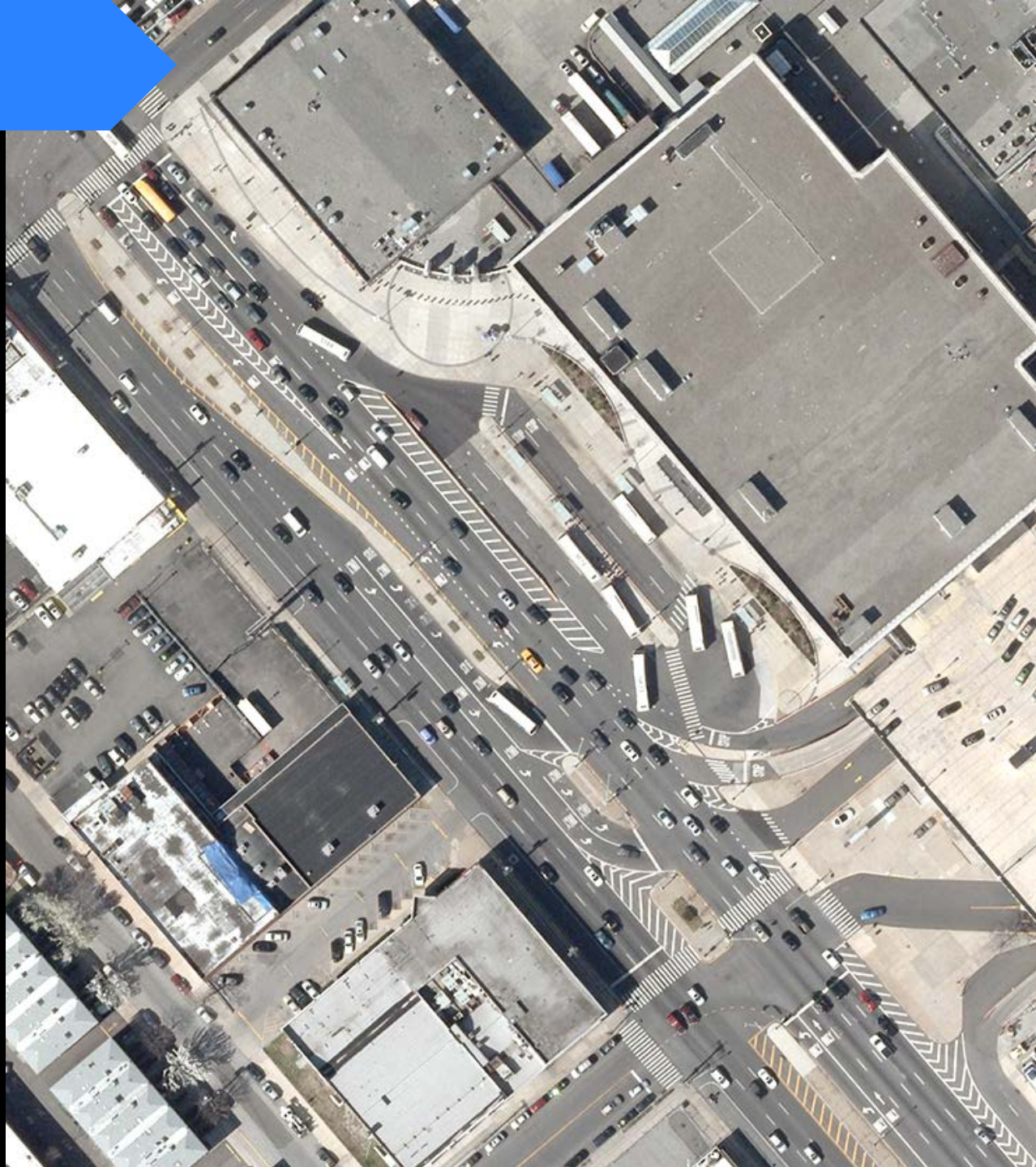
# Background

- High Crash Corridor with a KSI/mile of 96.3
- Recent motor vehicle collision resulting in two fatalities
- 2011 DOT project
  - Eliminated double turning off Flatbush Ave onto Ave U using markings, signage & signal timing adjustments
  - Fixed merging issues north and south of the intersection
  - Decreased total crashes by 23% and total injuries by 21%



# Background

- Unused federal earmark intended for safety and greening projects on Flatbush Ave from Ave U south to Marine Parkway Bridge identified
- Funding gives opportunity to build-out channelized areas from 2011 project





# Existing Issues

- Long crossing distances
- Heavy pedestrian crossing volumes
- Poor visibility/yielding
- Heavy turning volumes

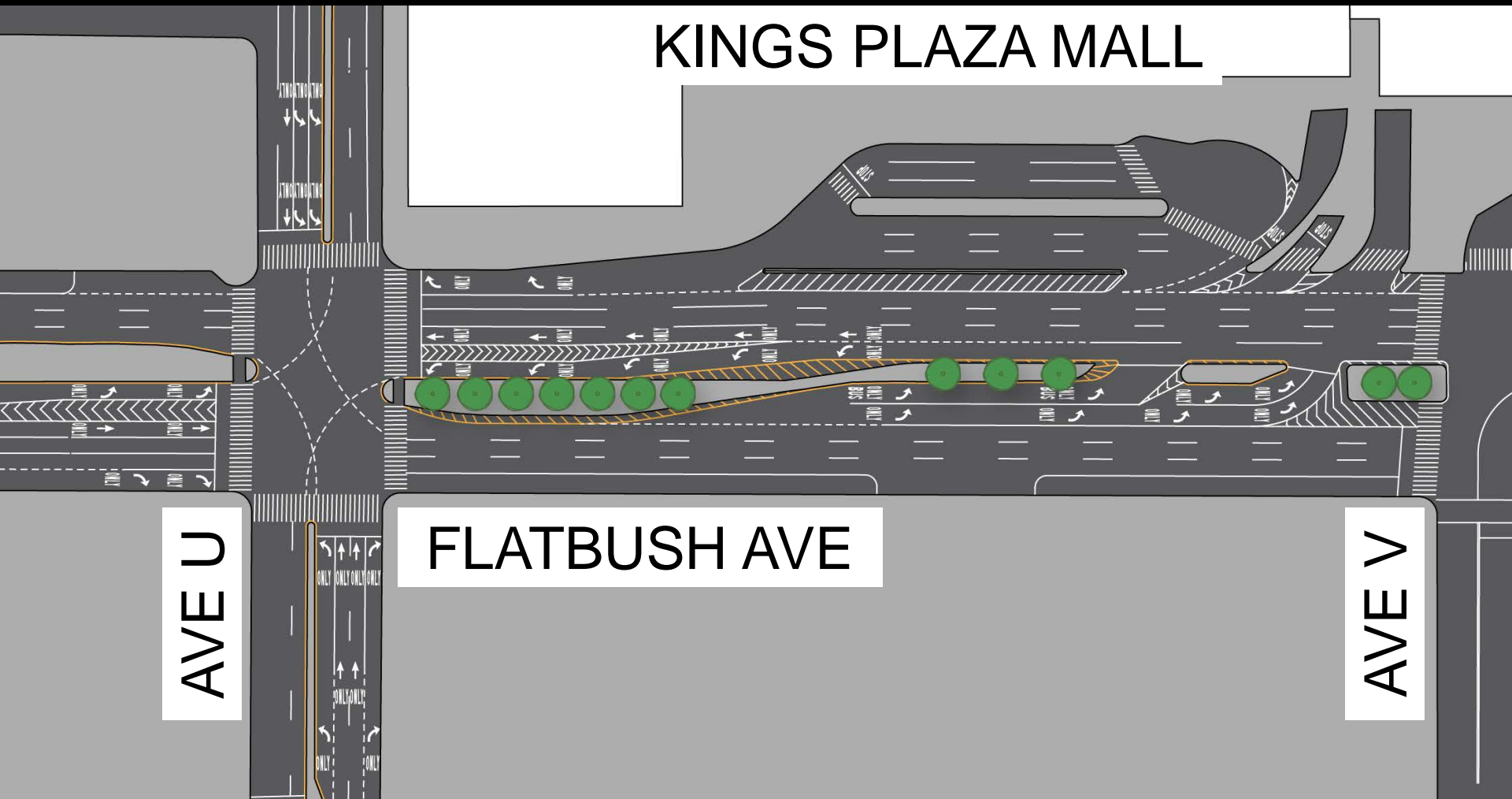


Single left-turn lane, looking north on Flatbush Ave at Ave U

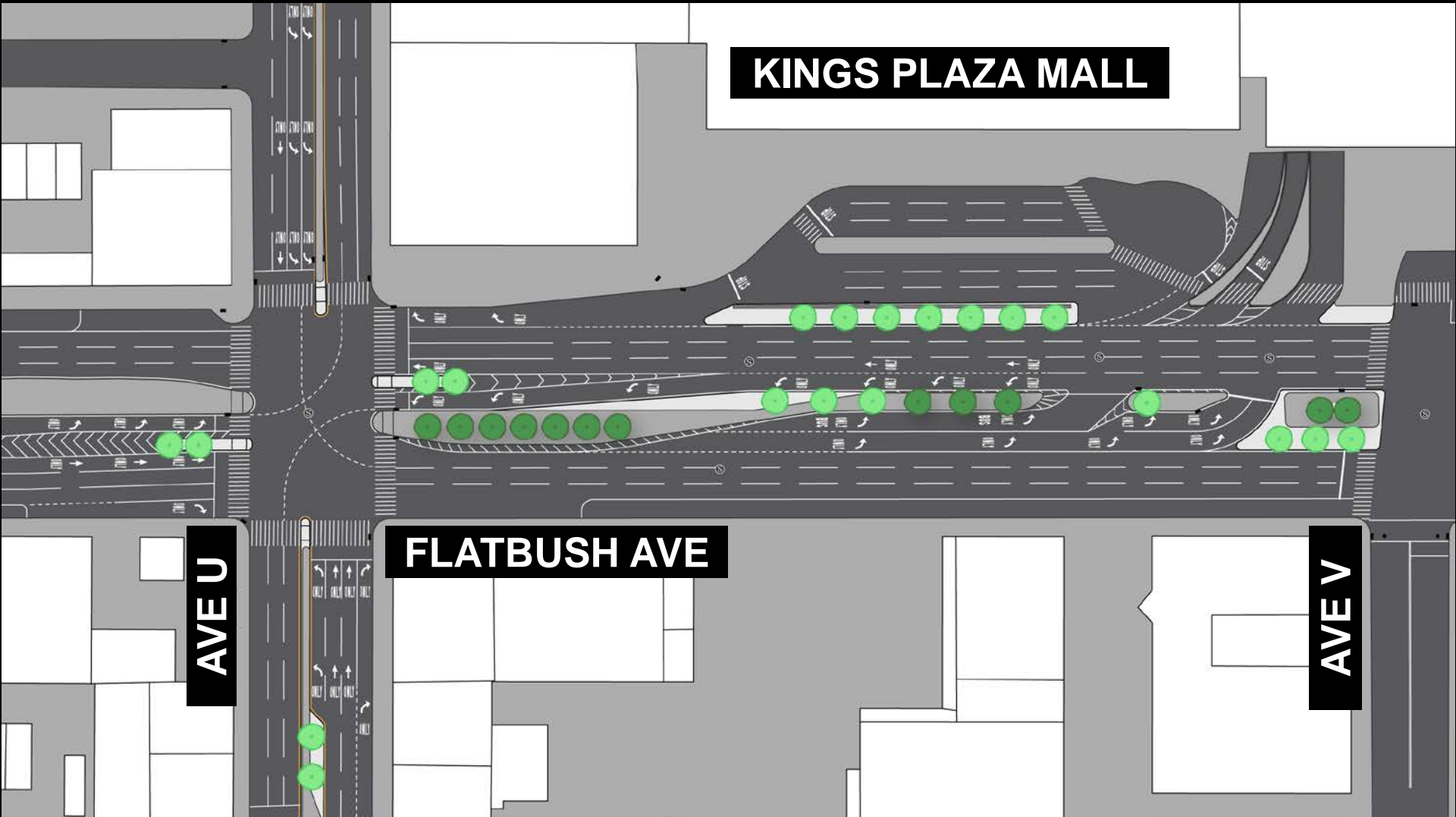
Long crosswalk across Flatbush Avenue at Ave U



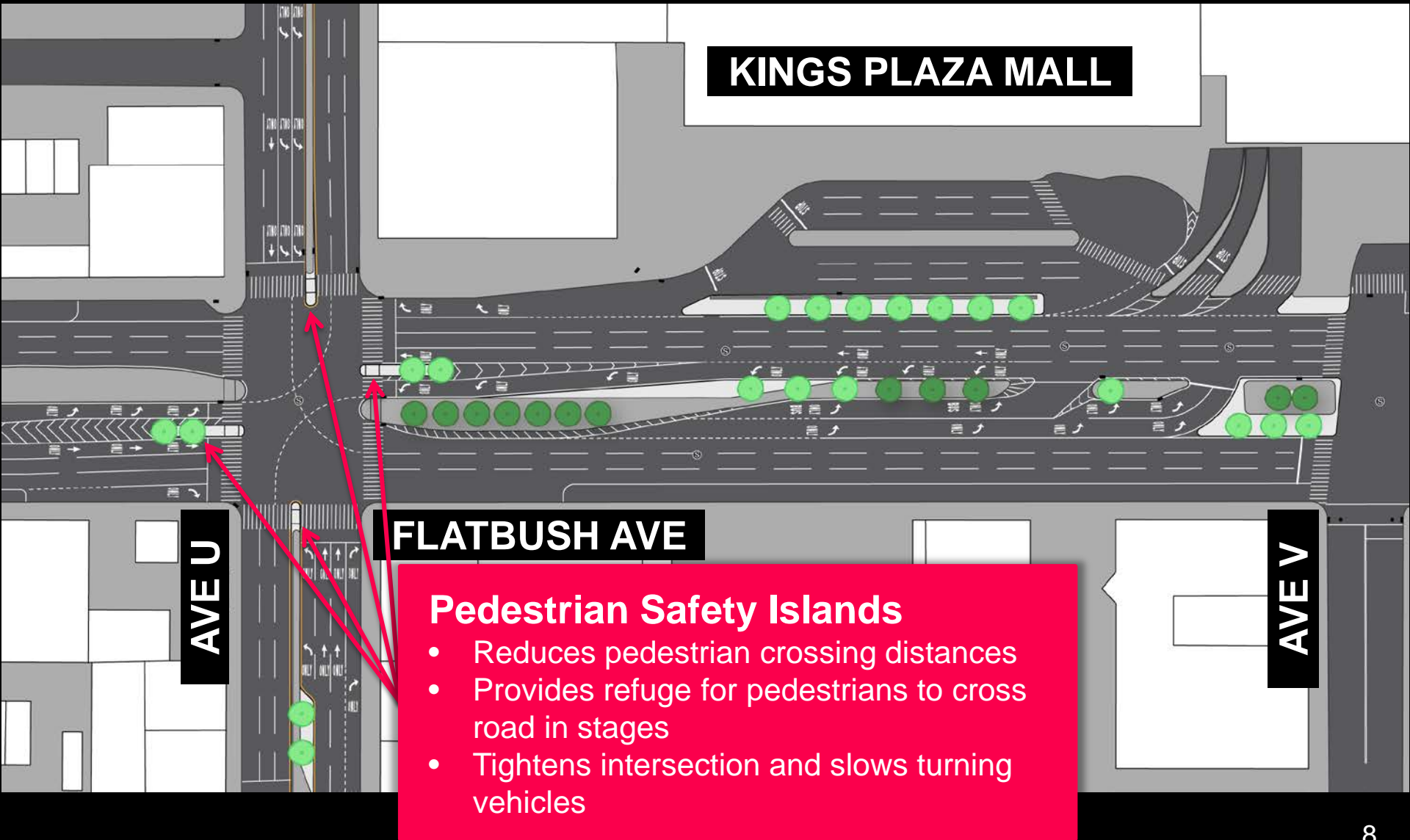
# Existing Conditions



# Proposal



# Proposal

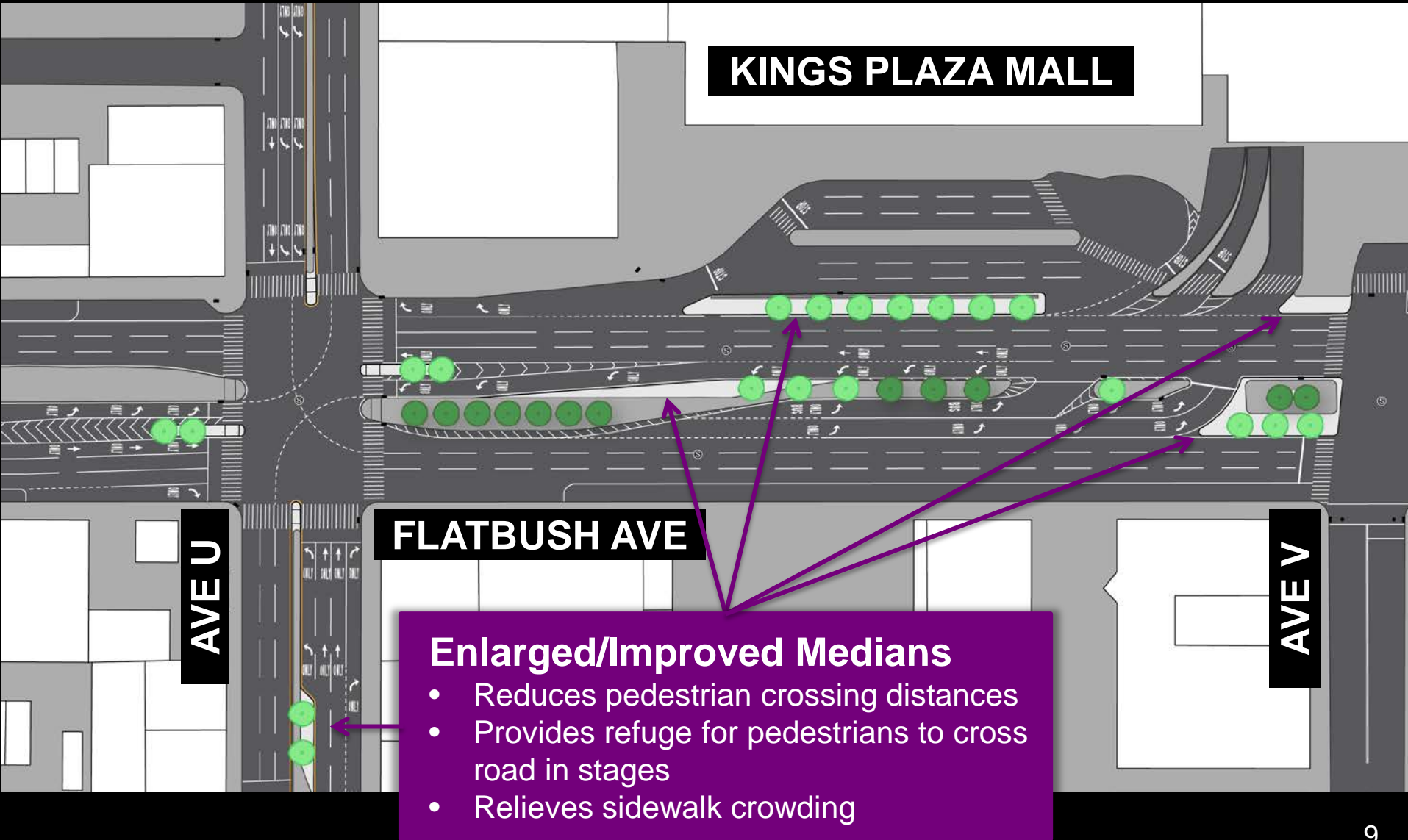




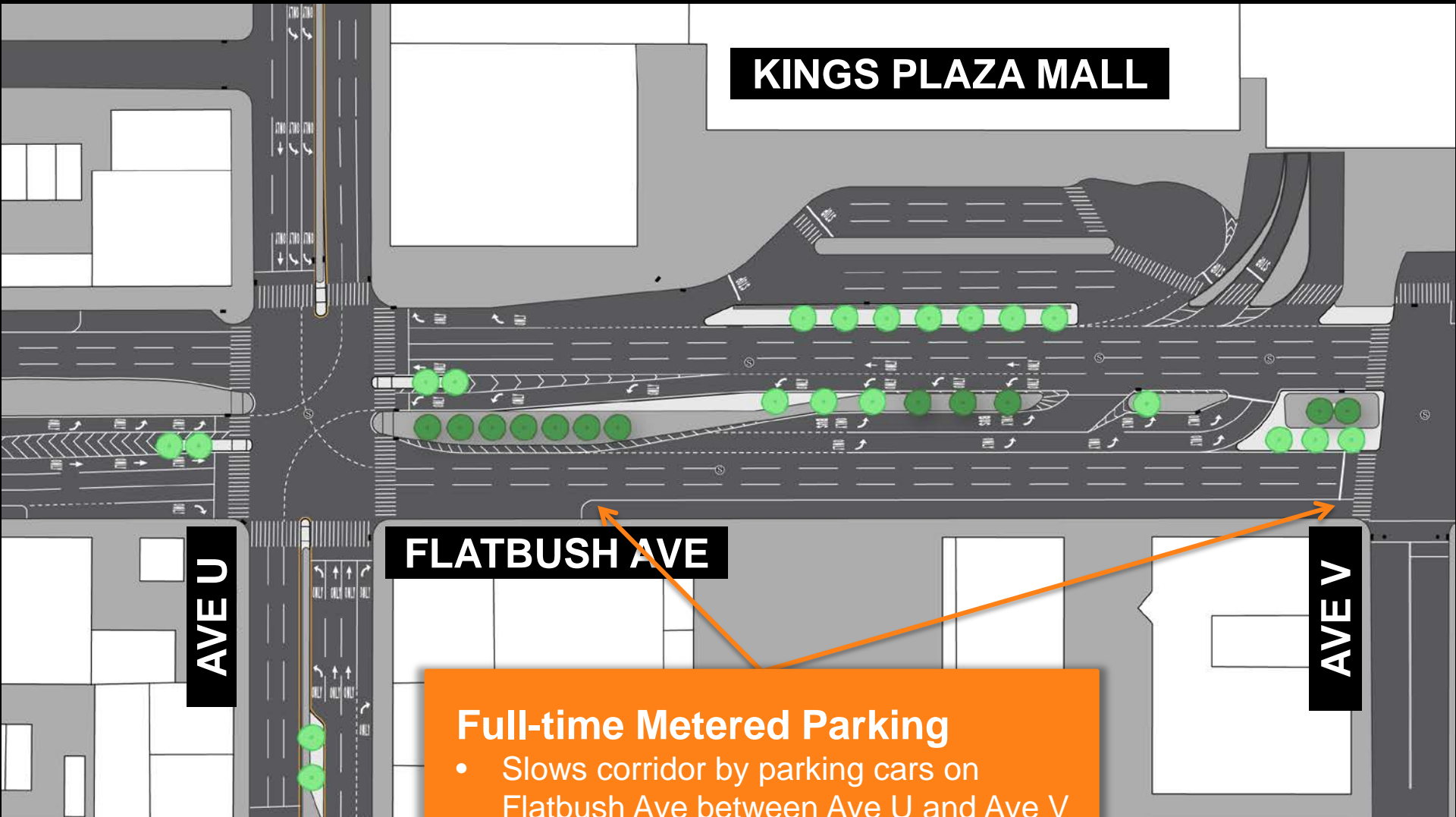
# Proposal

## New Trees (light green)

- Enhances pedestrian environment/commercial district



# Proposal



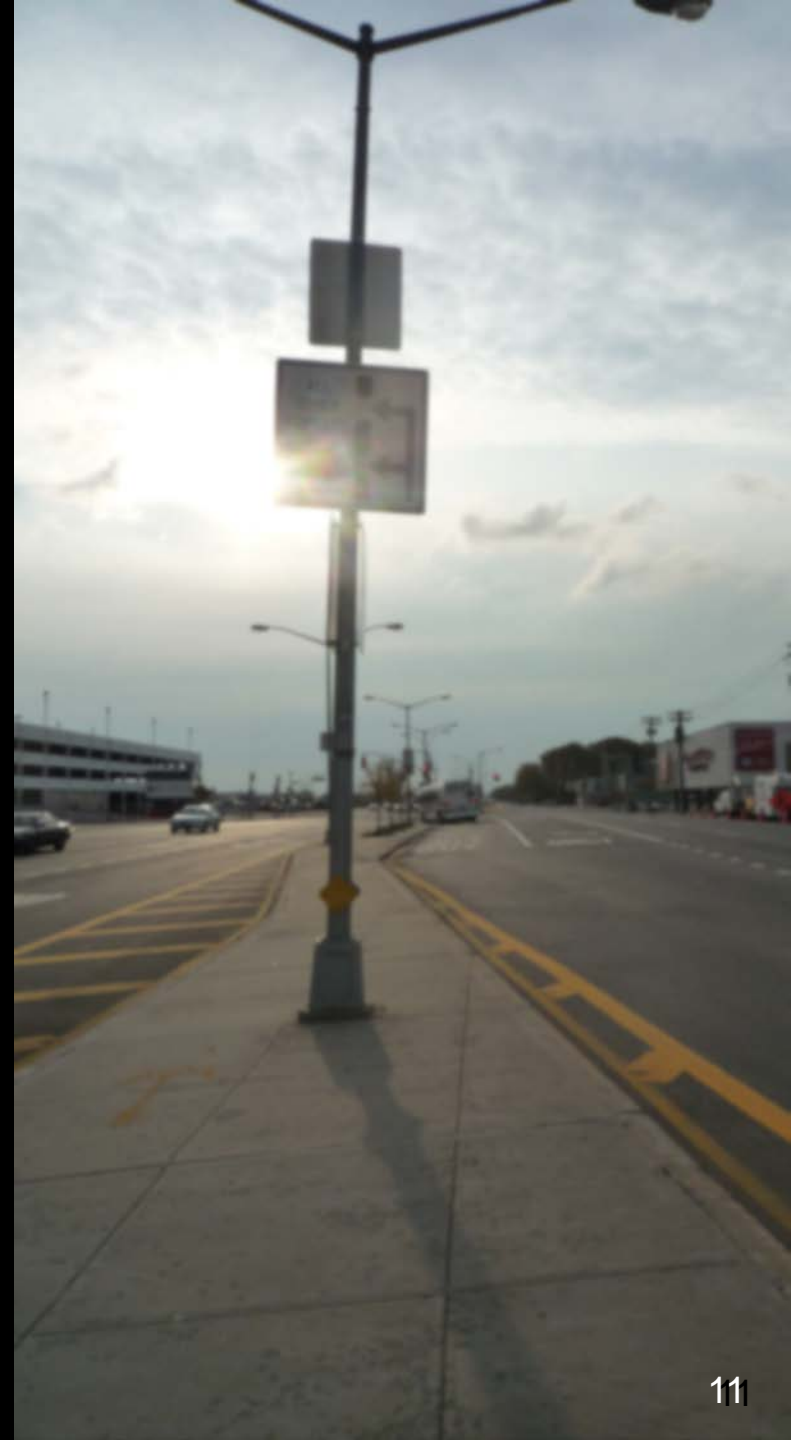
## Full-time Metered Parking

- Slows corridor by parking cars on Flatbush Ave between Ave U and Ave V



# Plan Summary

1. Construct two concrete pedestrian safety islands in former turn-bays (channelized in pervious project) at Ave U
2. Extend Ave U medians with concrete on both sides of Flatbush Ave
3. Enlarge Ave V median island with concrete and add landscaping
4. Create new concrete median with landscaping in current bus terminal buffer
5. Use concrete to enlarge center median on Flatbush Ave between Ave U and Ave V, and add new landscaping
6. Enlarge and improve median on Ave U at Hendrickson Pl
7. Add full-time metered parking on Flatbush Ave between Ave U and Ave V
8. Plant 20 new trees



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**Thank  
You**