

NYSDOT PIN X058.10

Ocean Parkway Safety Improvements

Prospect Expressway to Shore Parkway

Hosted by Assemblyman James Brennan

June 23, 2014

Joan McDonald, Commissioner, New York State Department of Transportation



Project Goal

Enhance Pedestrian and Bicyclist
Mobility and Safety



Ocean Parkway Corridor Safety Issues

General

- Aggressive drivers
- Jaywalking and aggressive bicyclists

Corridor

- Faded pavement markings and signing
- Long distances between signalized crossings

Intersection Specific

- Vehicles fail to yield to pedestrians in crosswalks
- Complex intersections with many conflicts
- Insufficient pedestrian crossing time due to width of Ocean Parkway



Ocean Parkway Corridor



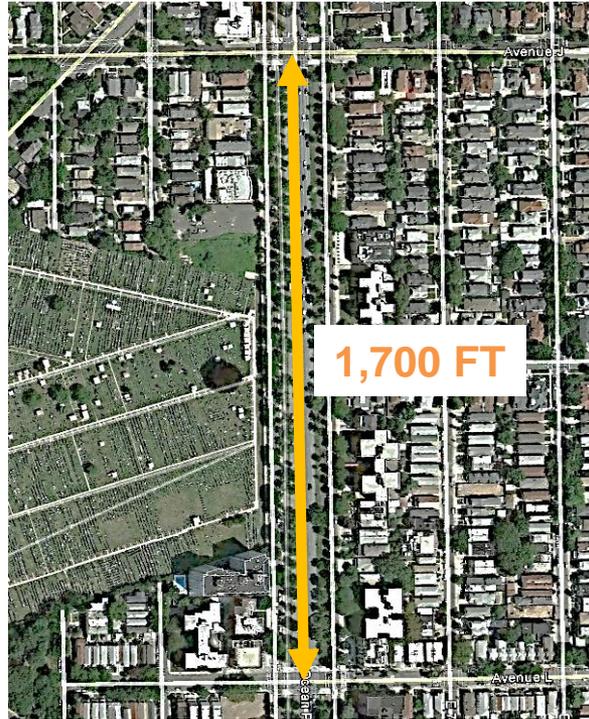
YOUR SPEED
35

SPEED
LIMIT
30



Corridor Safety Issues

Long distances between signalized crossings



Corridor Safety Issues

Long distances between signalized crossings



Corridor Alternative – Midblock Crossing

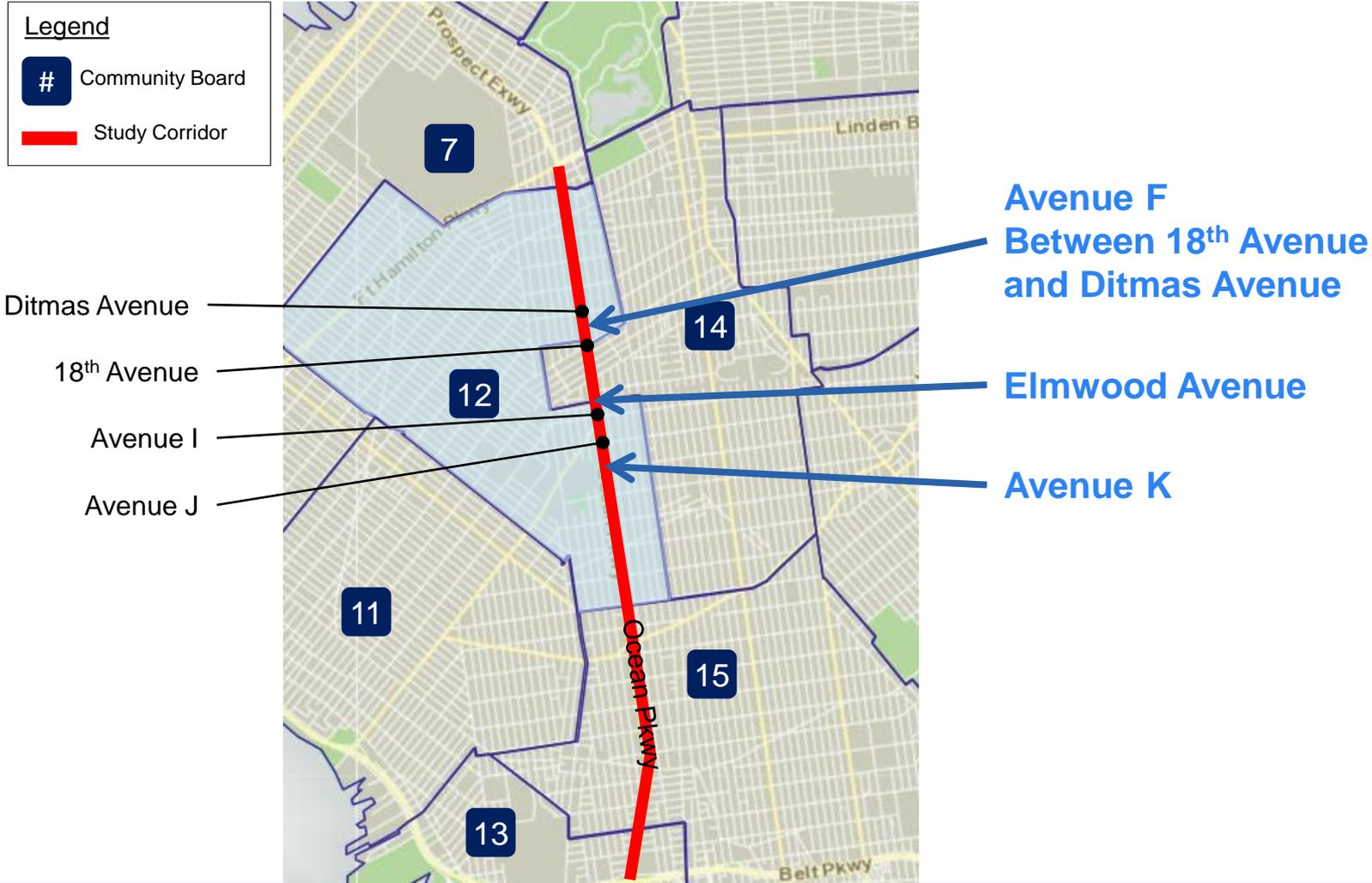
Mainline Midblock – Avenue K



Corridor Alternatives – Midblock Crossings

Legend

- # Community Board
- Study Corridor



Corridor Alternatives

- Speed display boards
- Midblock crossings
- ADA ramp compliance
- Pavement marking upgrades
- Traffic signing upgrades



Typical Ocean Parkway Intersections

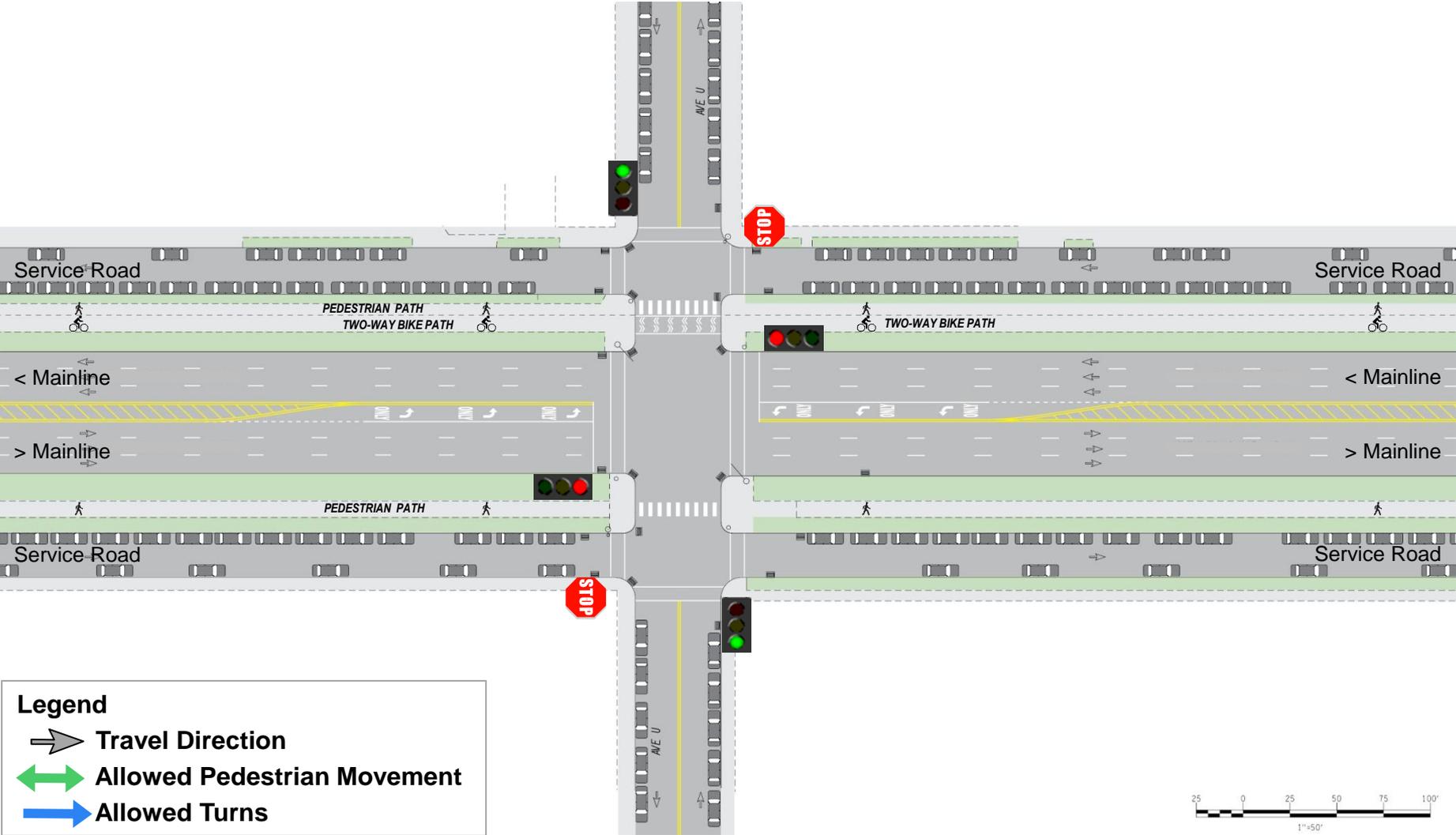
**49% of Pedestrian and Bicyclist crashes
along the corridor were caused by right or
left turn movements**



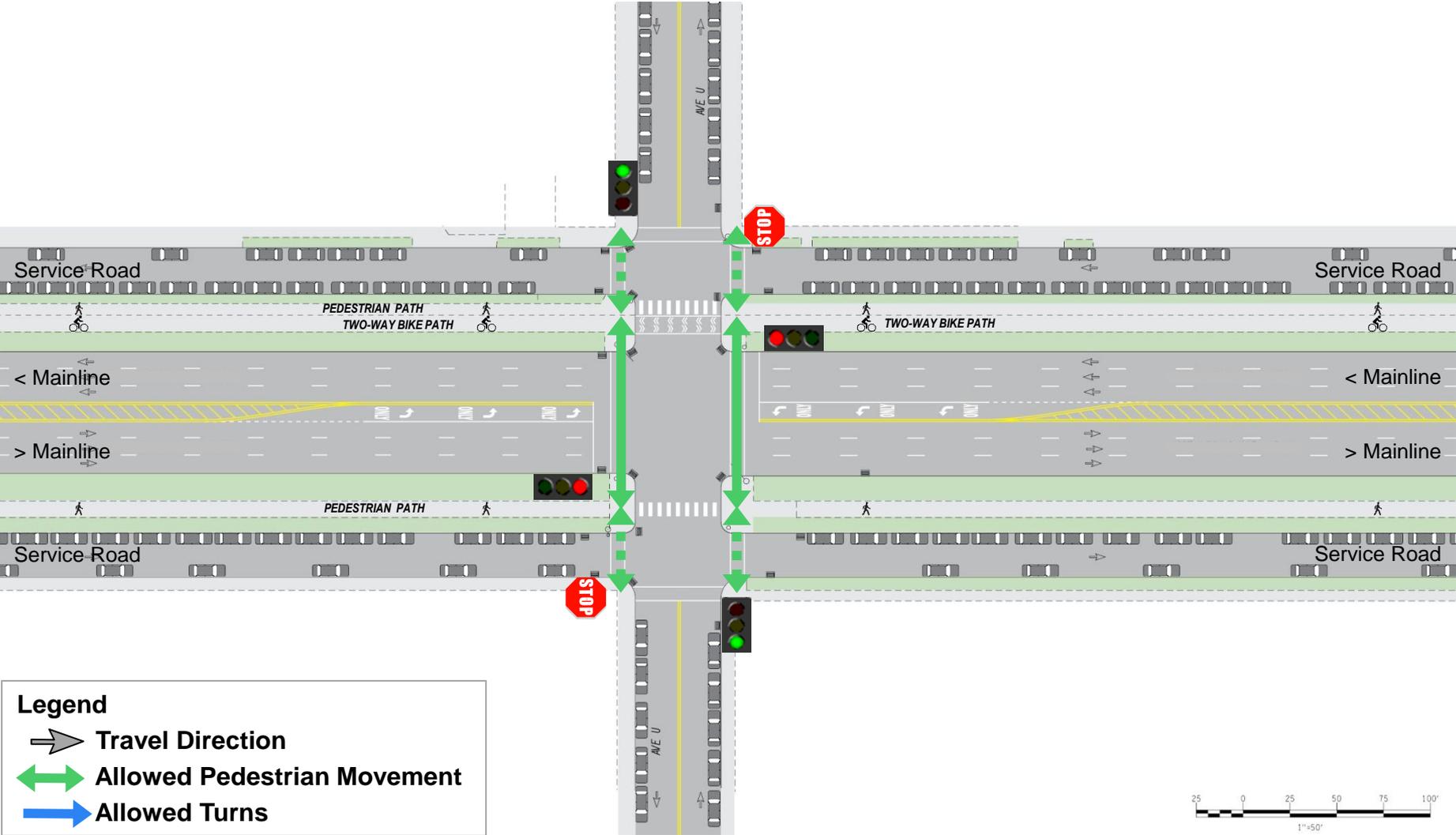
Cross Street Safety Issues



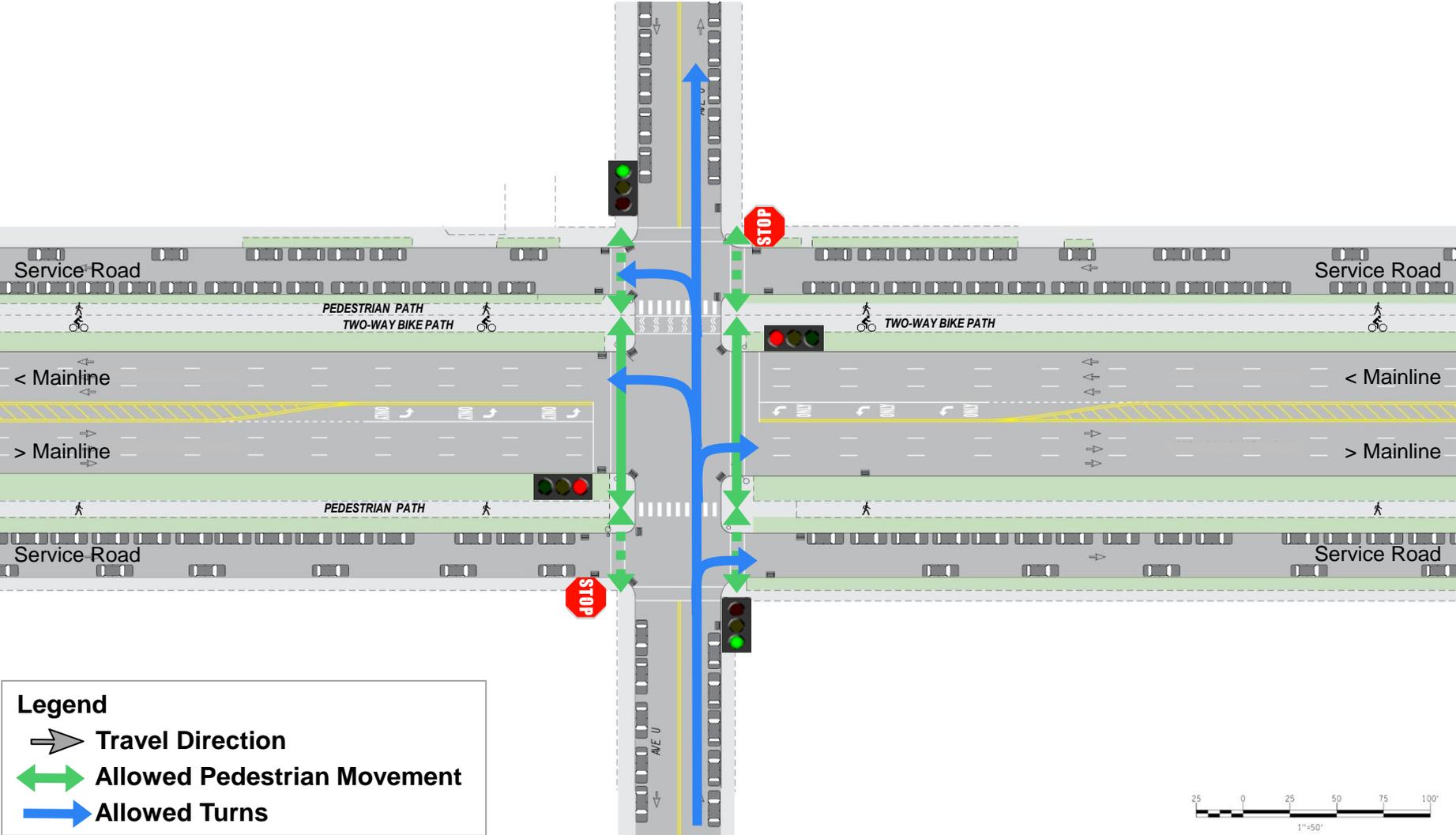
Cross Street Safety Issues



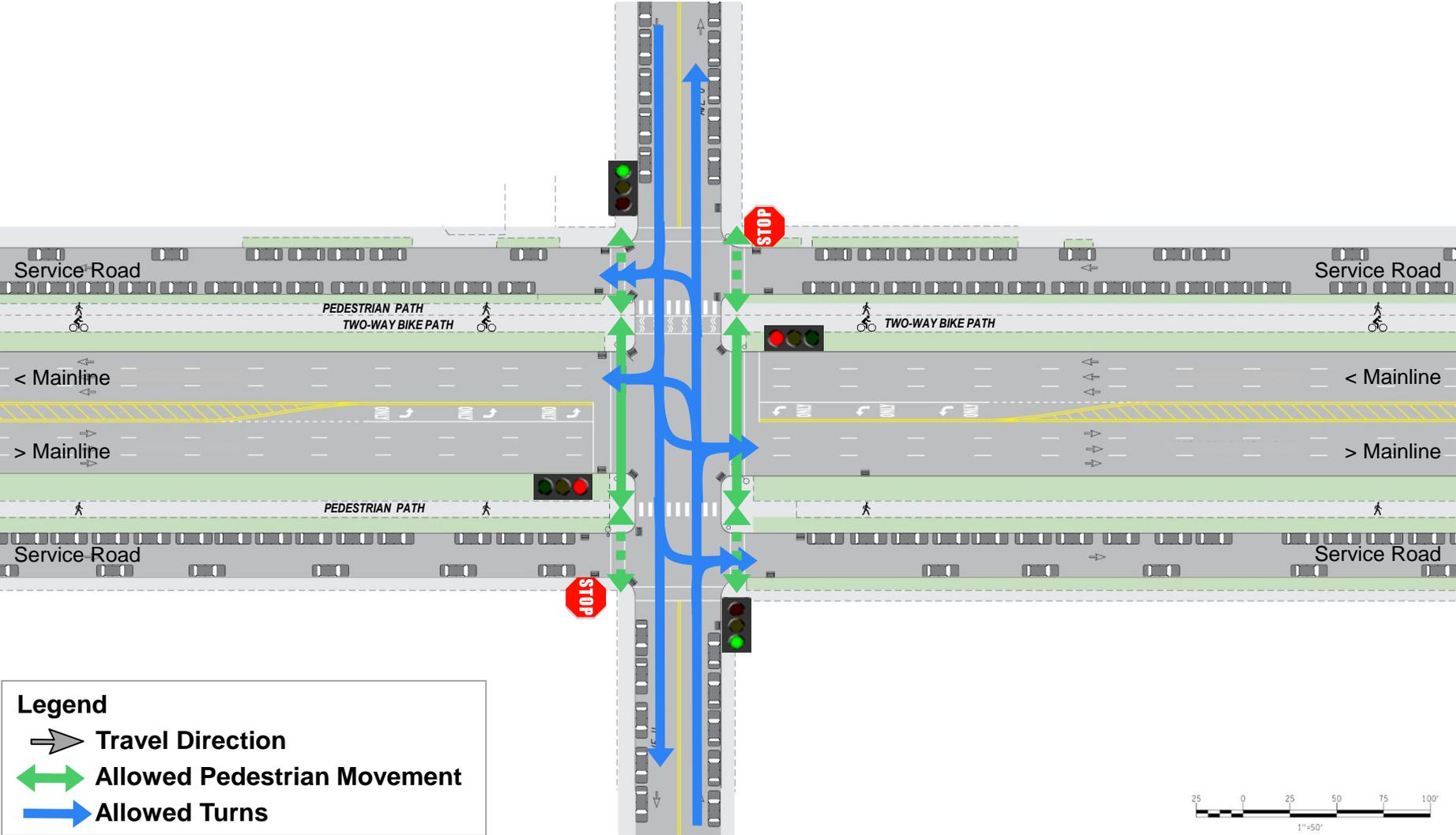
Cross Street Safety Issues



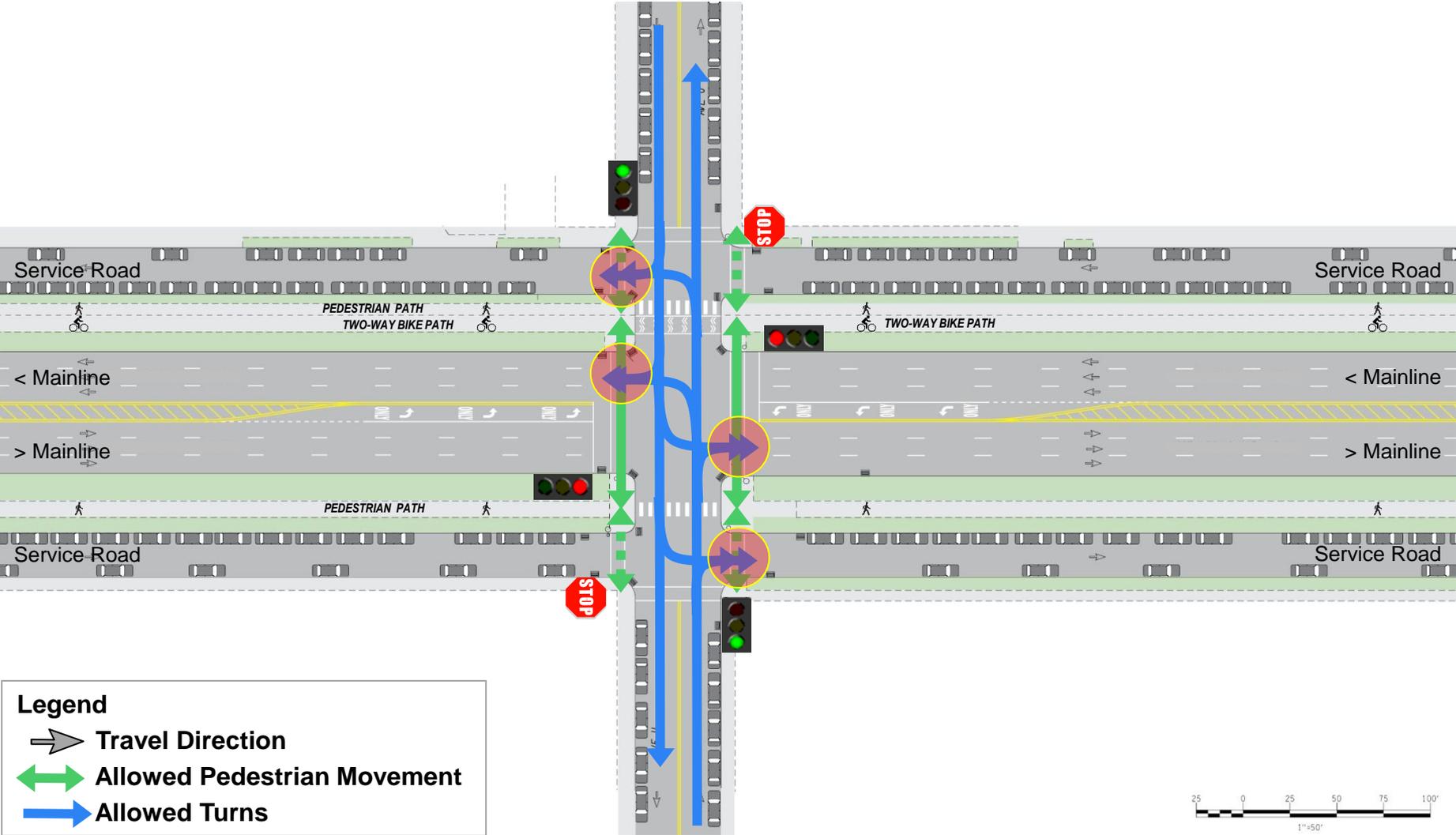
Cross Street Safety Issues



Cross Street Safety Issues



Cross Street Safety Issues

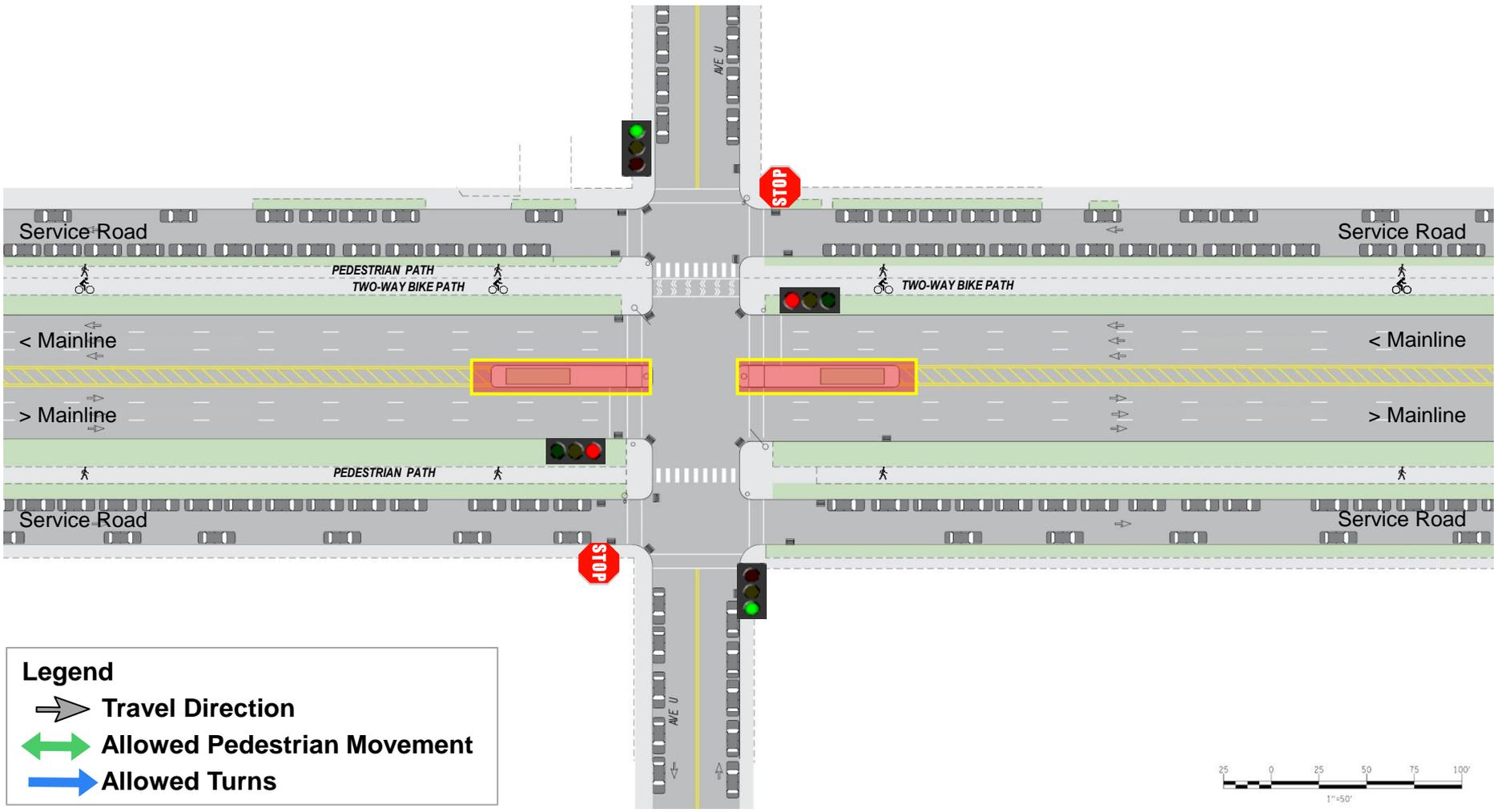






Cross Street Alternative – Pedestrian Islands

Pedestrian Refuge Islands on Mainline



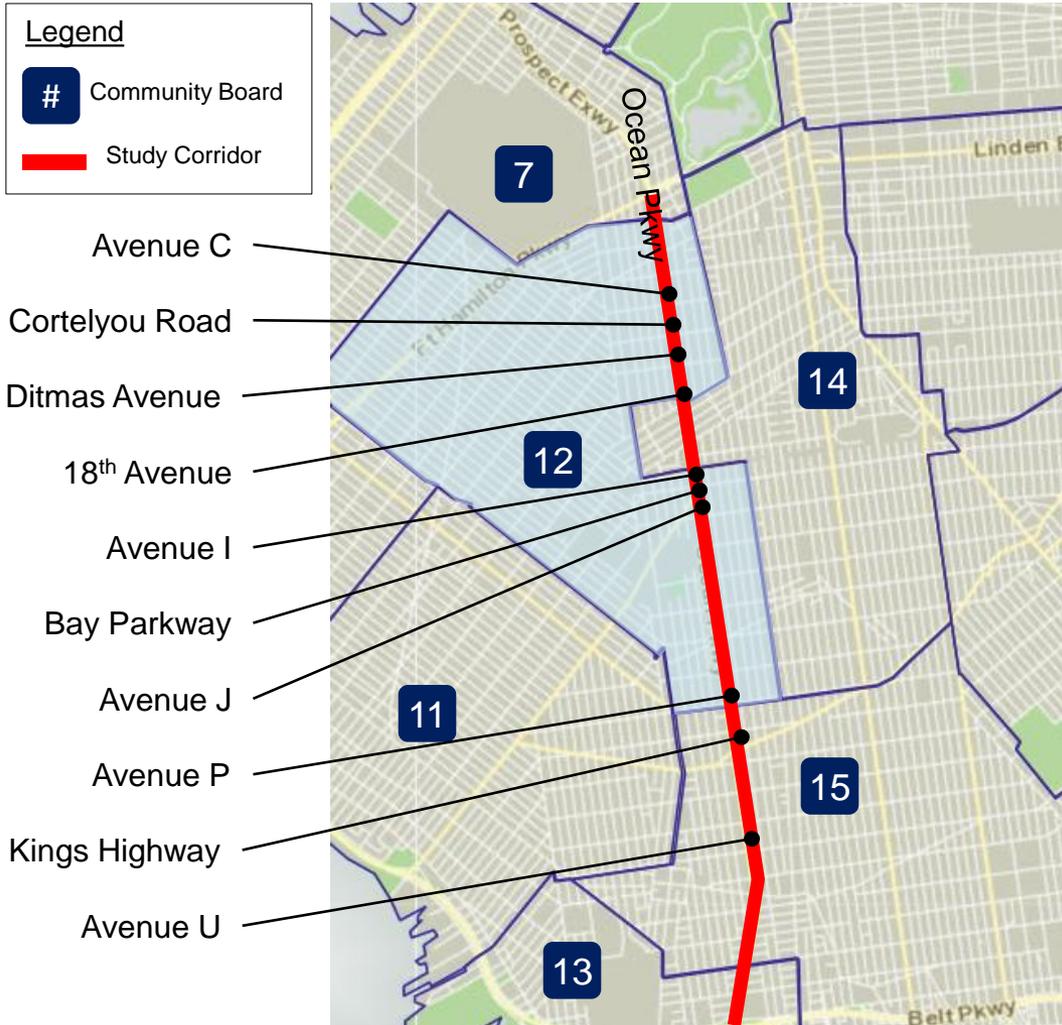


Cross Street Alternative – Additional

- Leading Pedestrian Interval (LPI)
- Pavement marking upgrades/high visibility crosswalks
- Traffic signing upgrades



Cross Street – Alternatives



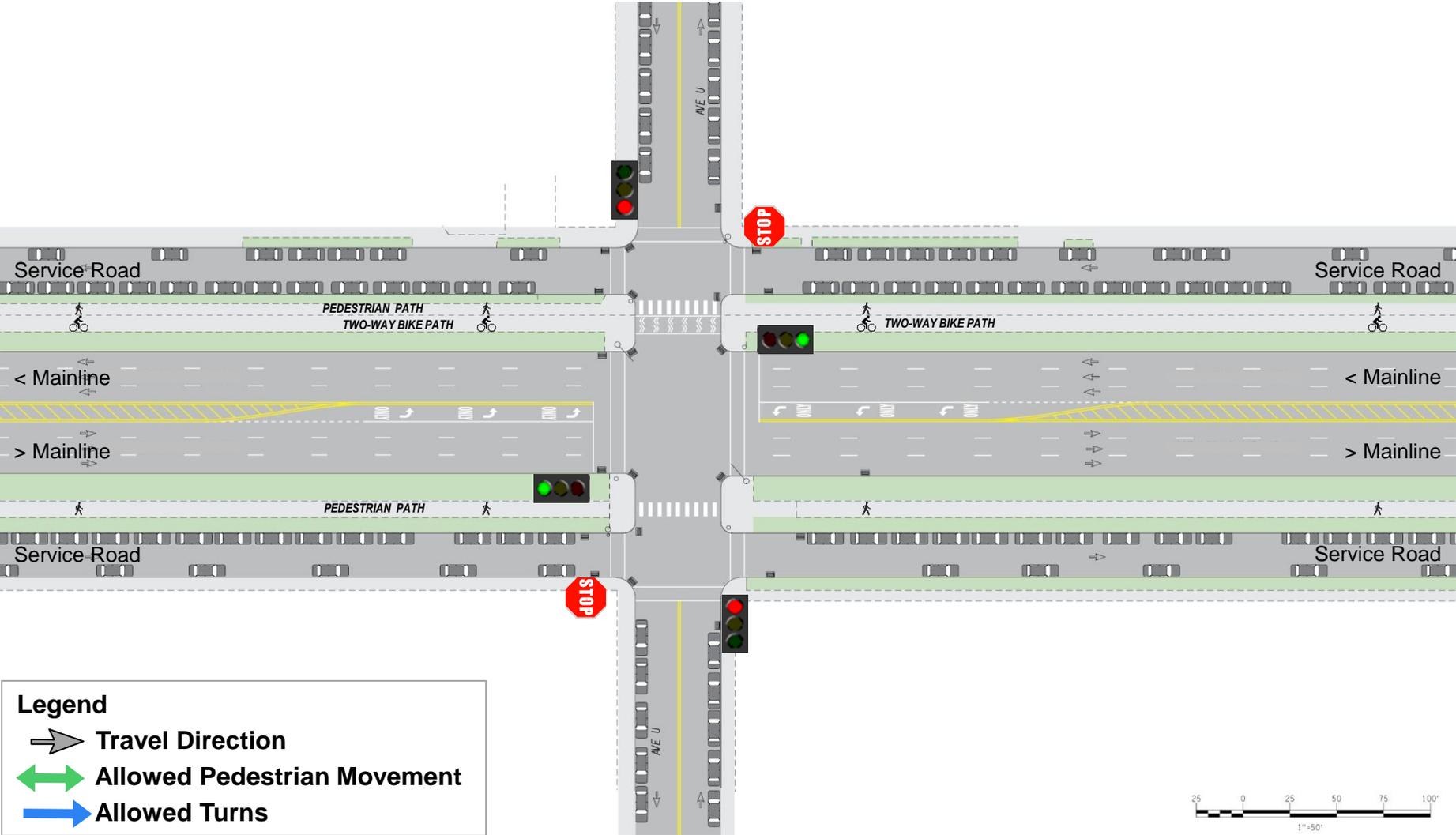
Location	Island	LPI
Avenue C	✓	✓
Cortelyou Road	✓	✓
Ditmas Avenue		✓
18 th Avenue	✓	✓
Avenue I	✓	✓
Avenue J		✓
Avenue P		✓
Kings Highway		✓
Avenue U	✓	✓



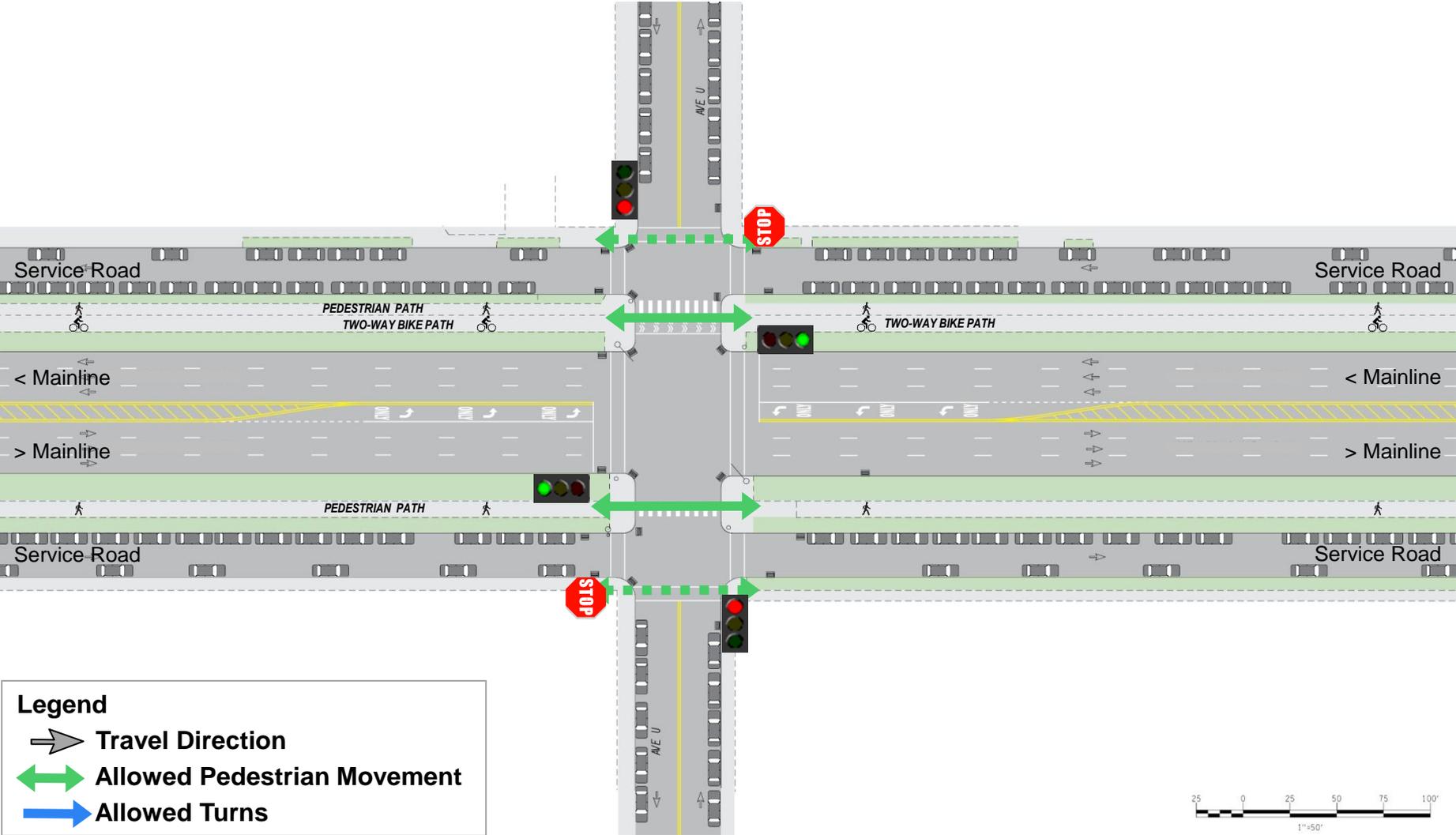
Mainline Safety Issues



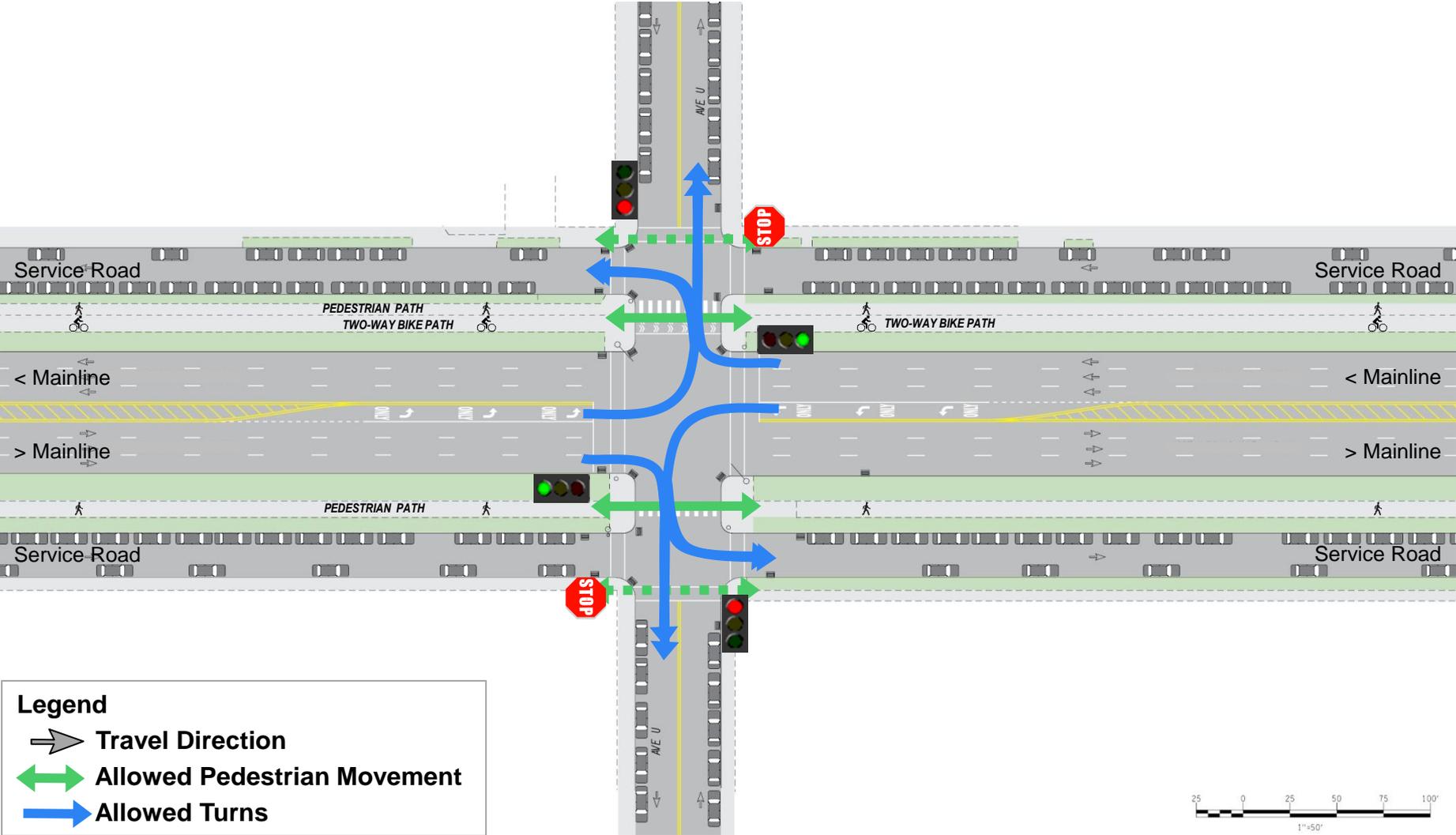
Mainline Safety Issues



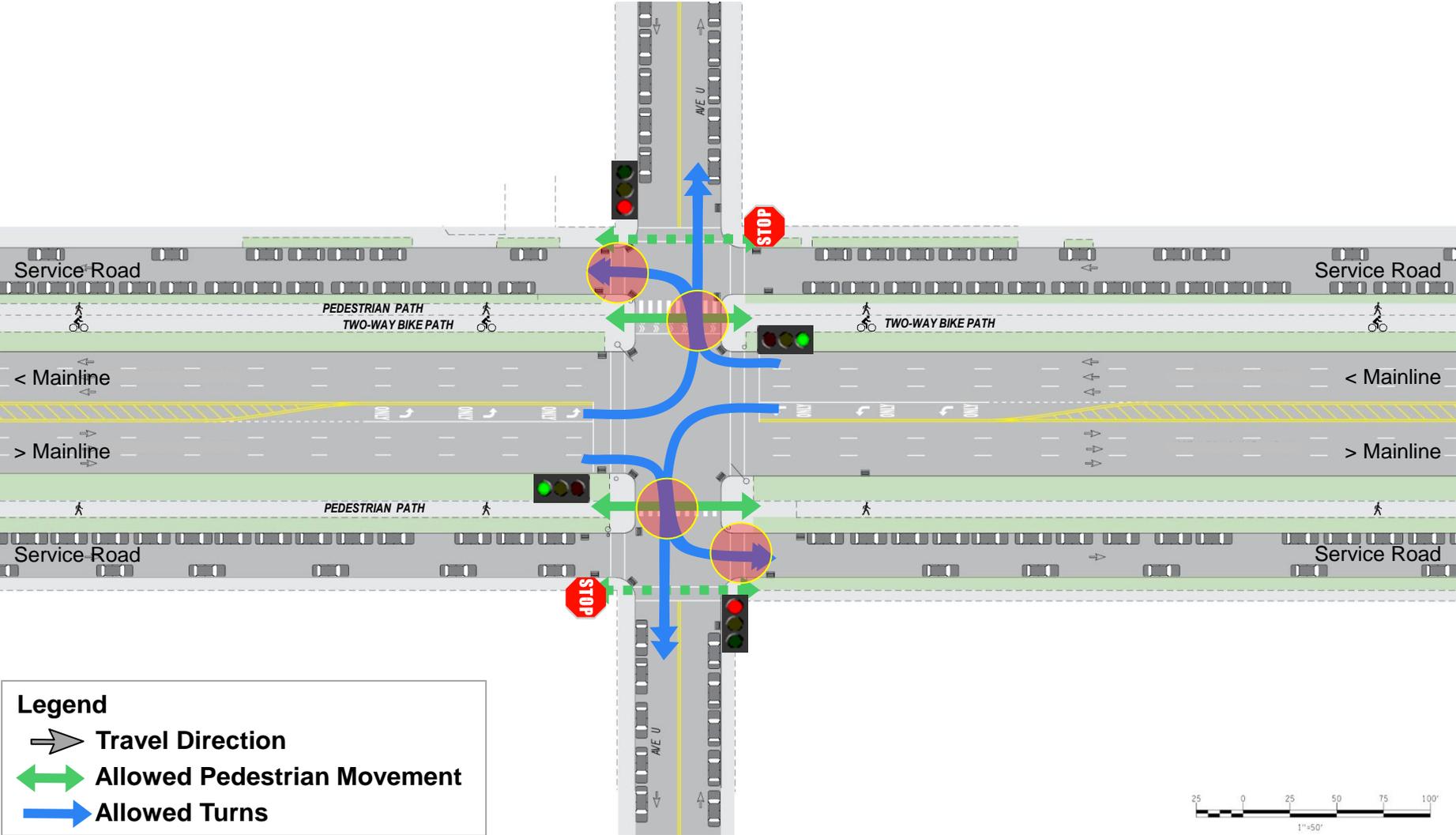
Mainline Safety Issues



Mainline Safety Issues

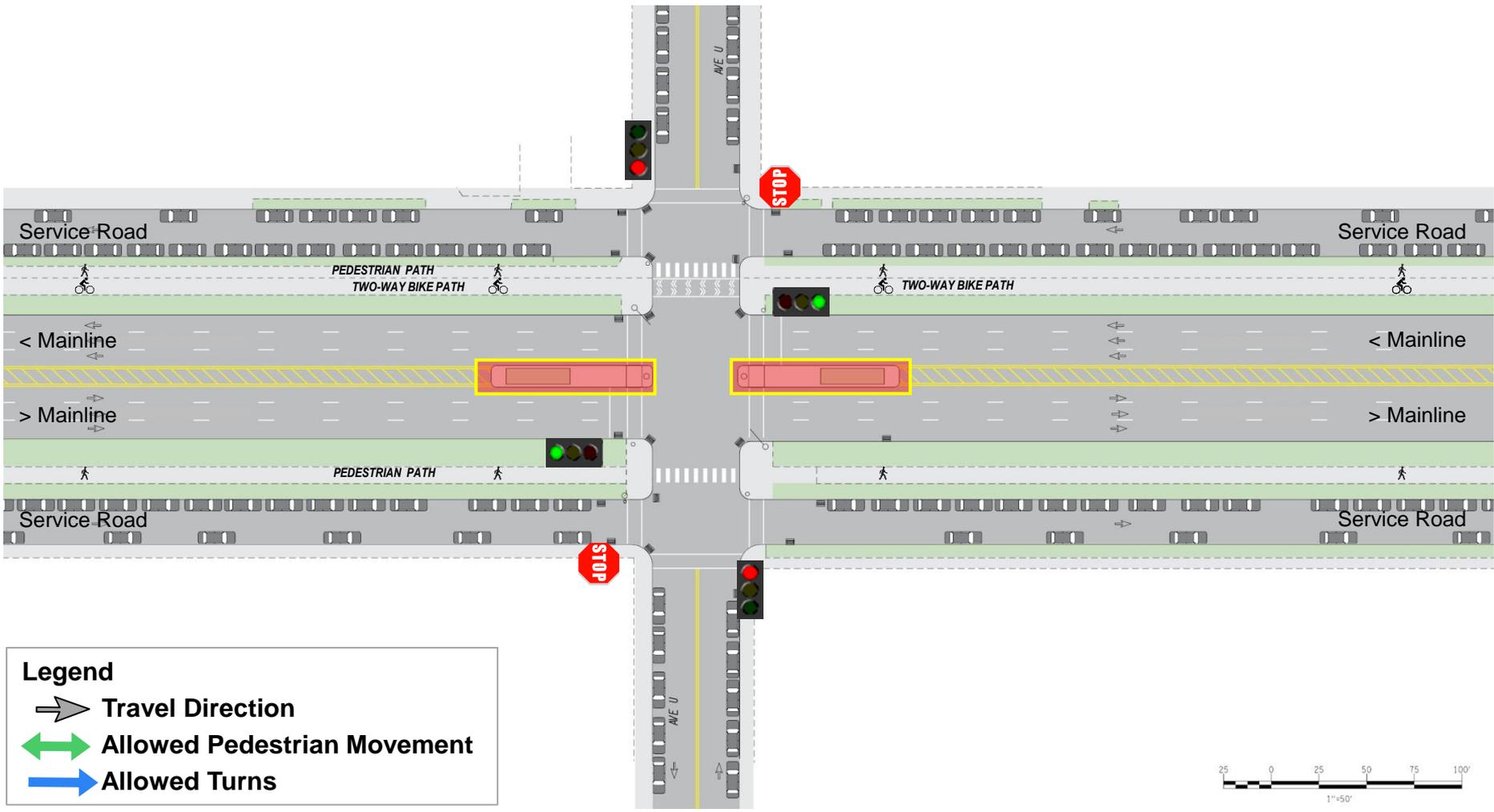


Mainline Safety Issues

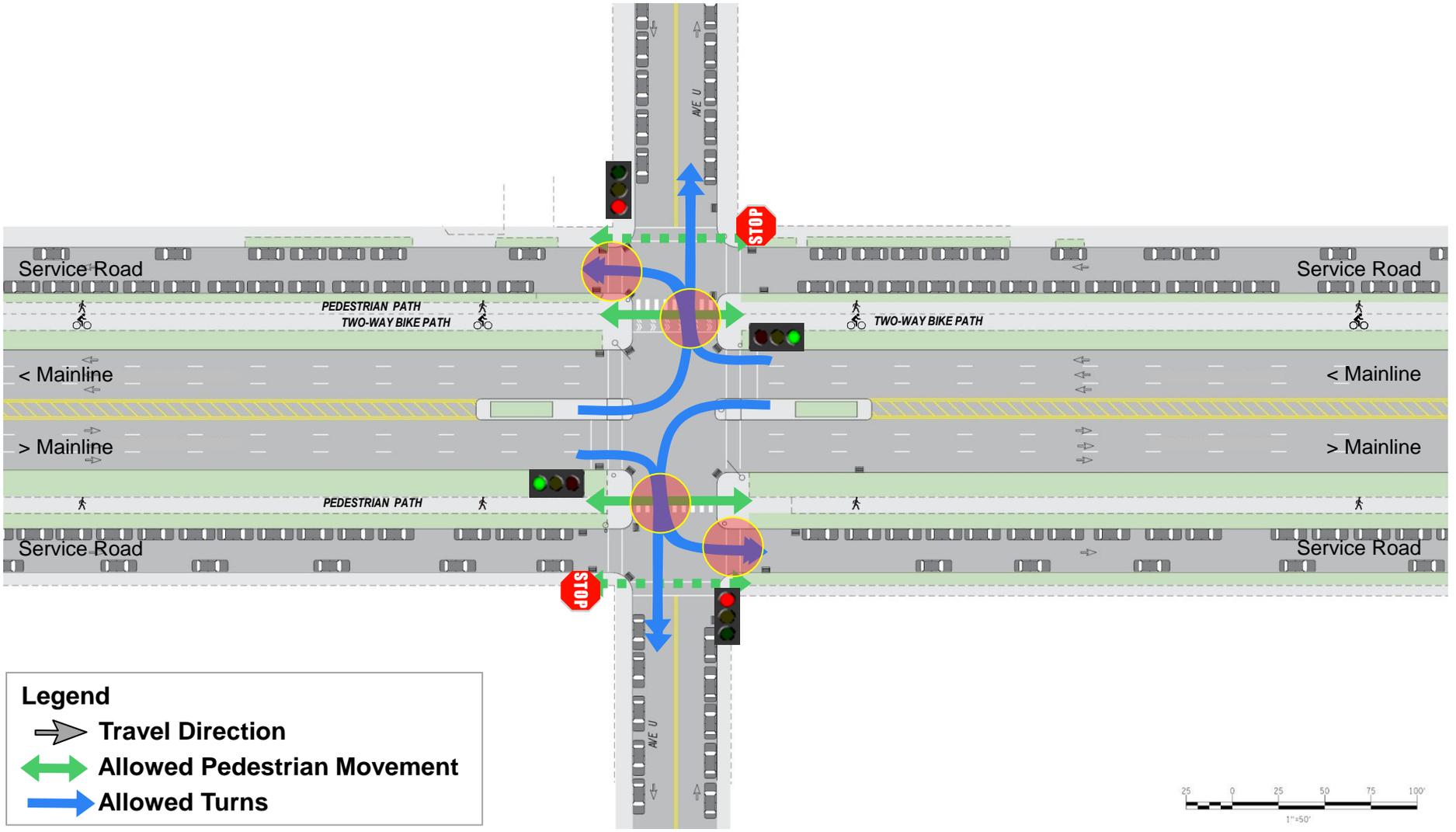


Mainline Alternative – Pedestrian Islands

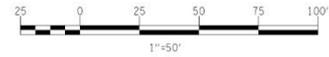
Pedestrian Refuge Islands on Mainline



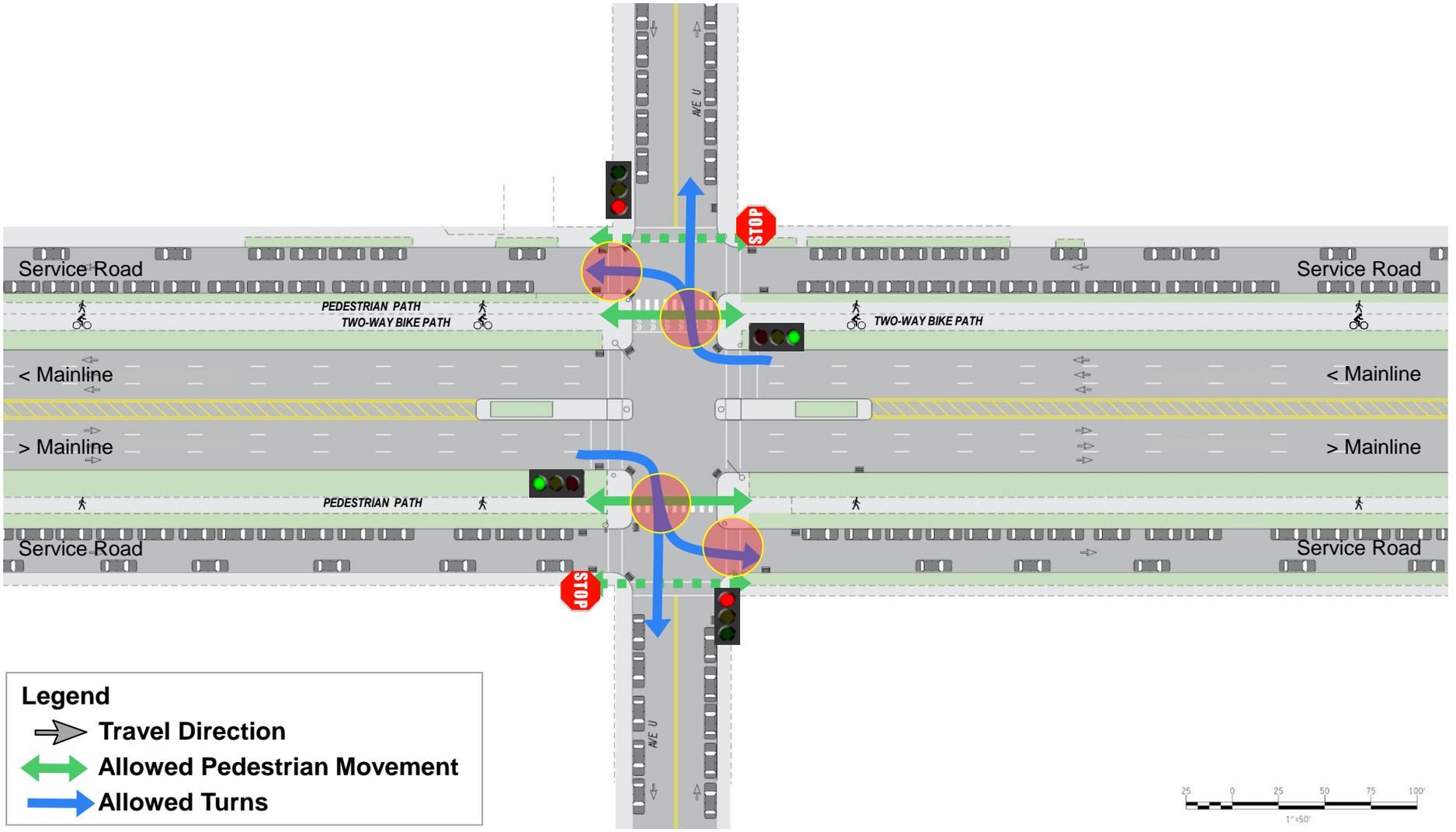
Mainline Alternative – Pedestrian Islands



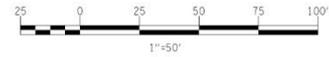
- Legend**
-  Travel Direction
 -  Allowed Pedestrian Movement
 -  Allowed Turns



Mainline Alternative – Pedestrian Islands



- Legend**
-  Travel Direction
 -  Allowed Pedestrian Movement
 -  Allowed Turns





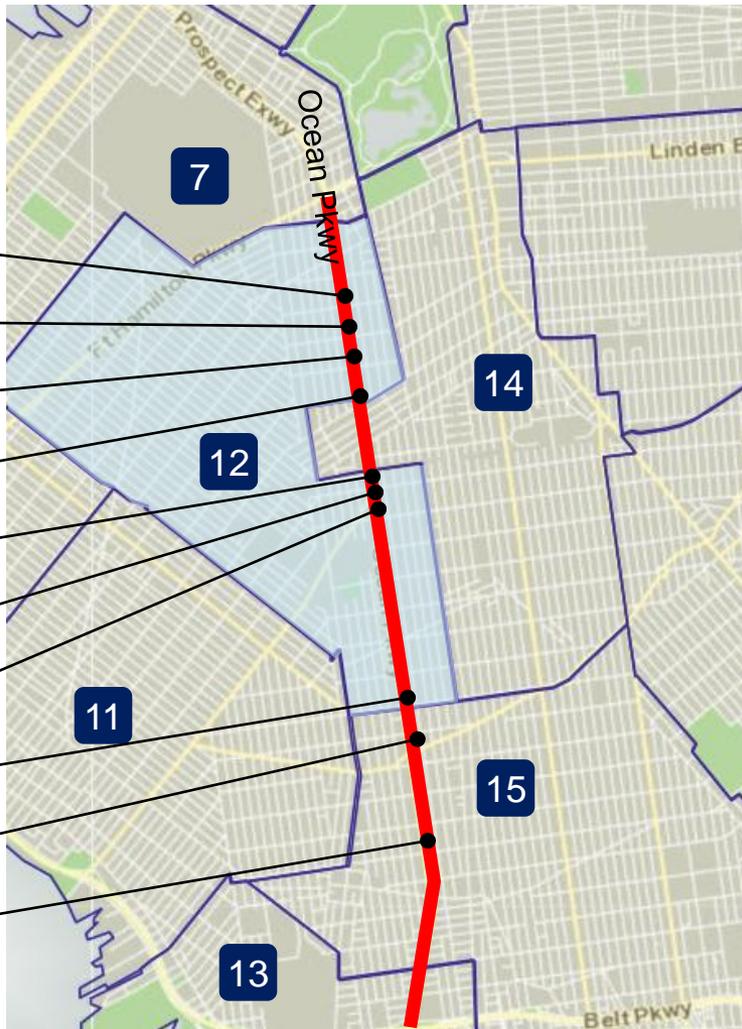


Ave C

Mainline Alternatives

Legend

- # Community Board
- Study Corridor



- Avenue C
- Cortelyou Road
- Ditmas Avenue
- 18th Avenue
- Avenue I
- Bay Parkway
- Avenue J
- Avenue P
- Kings Highway
- Avenue U

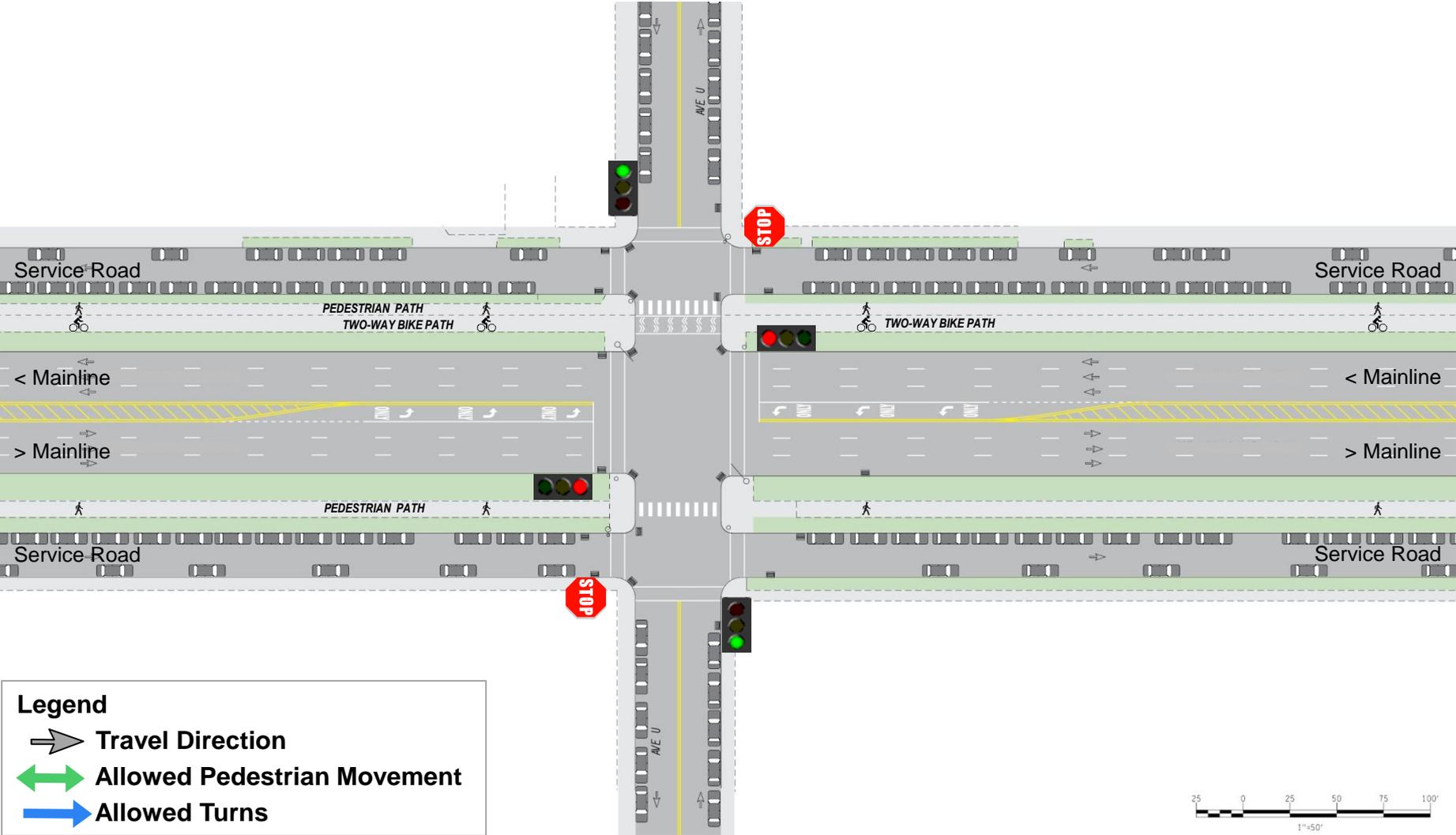
Location	Island	Rumble Strips
Avenue C	✓	✓
Cortelyou Road	✓	✓
Ditmas Avenue		✓
18th Avenue	✓	✓
Avenue I	✓	✓
Avenue J		✓
Avenue P		✓
Kings Highway		✓
Avenue U	✓	✓



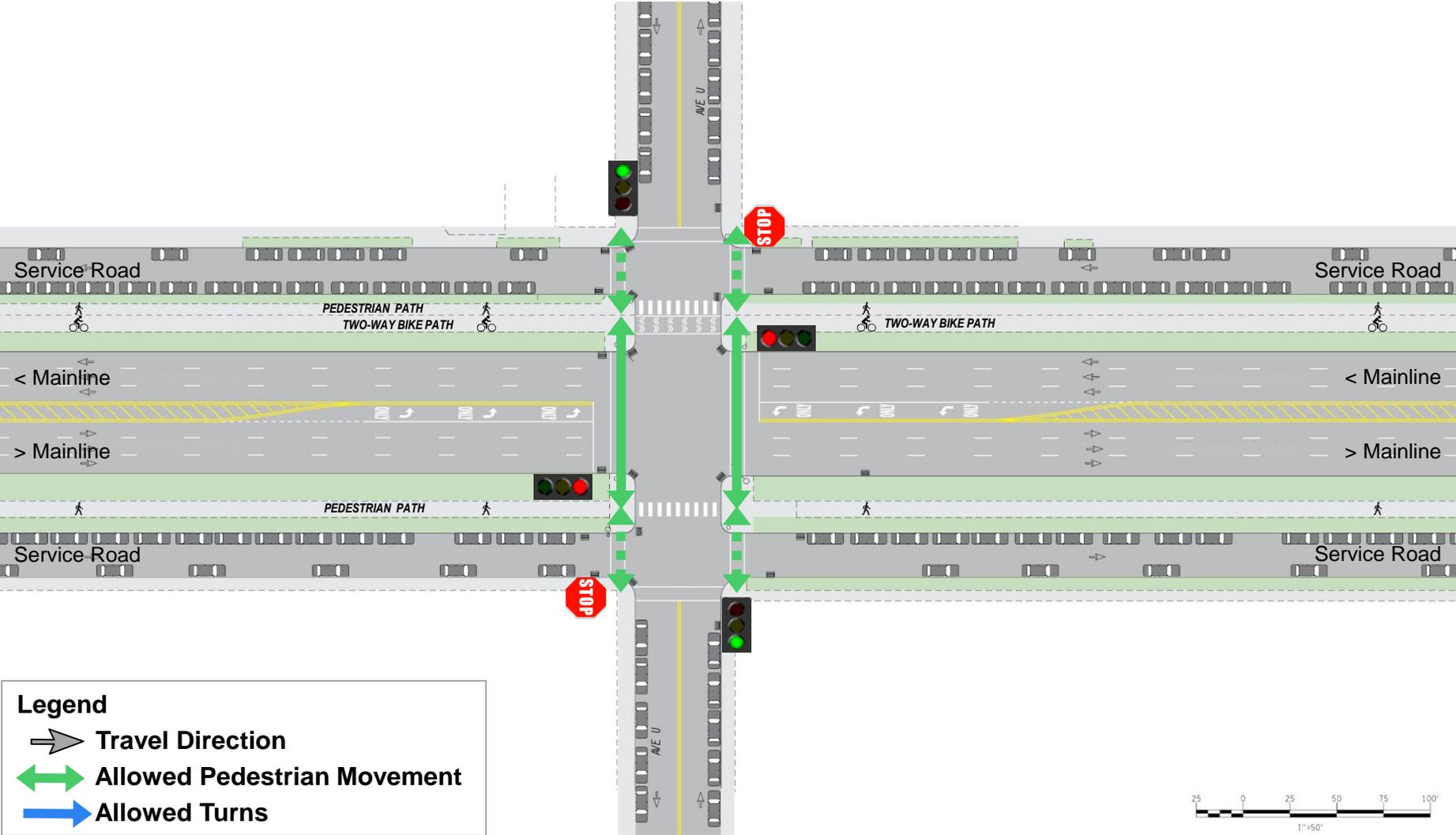
Service Road Safety Issues



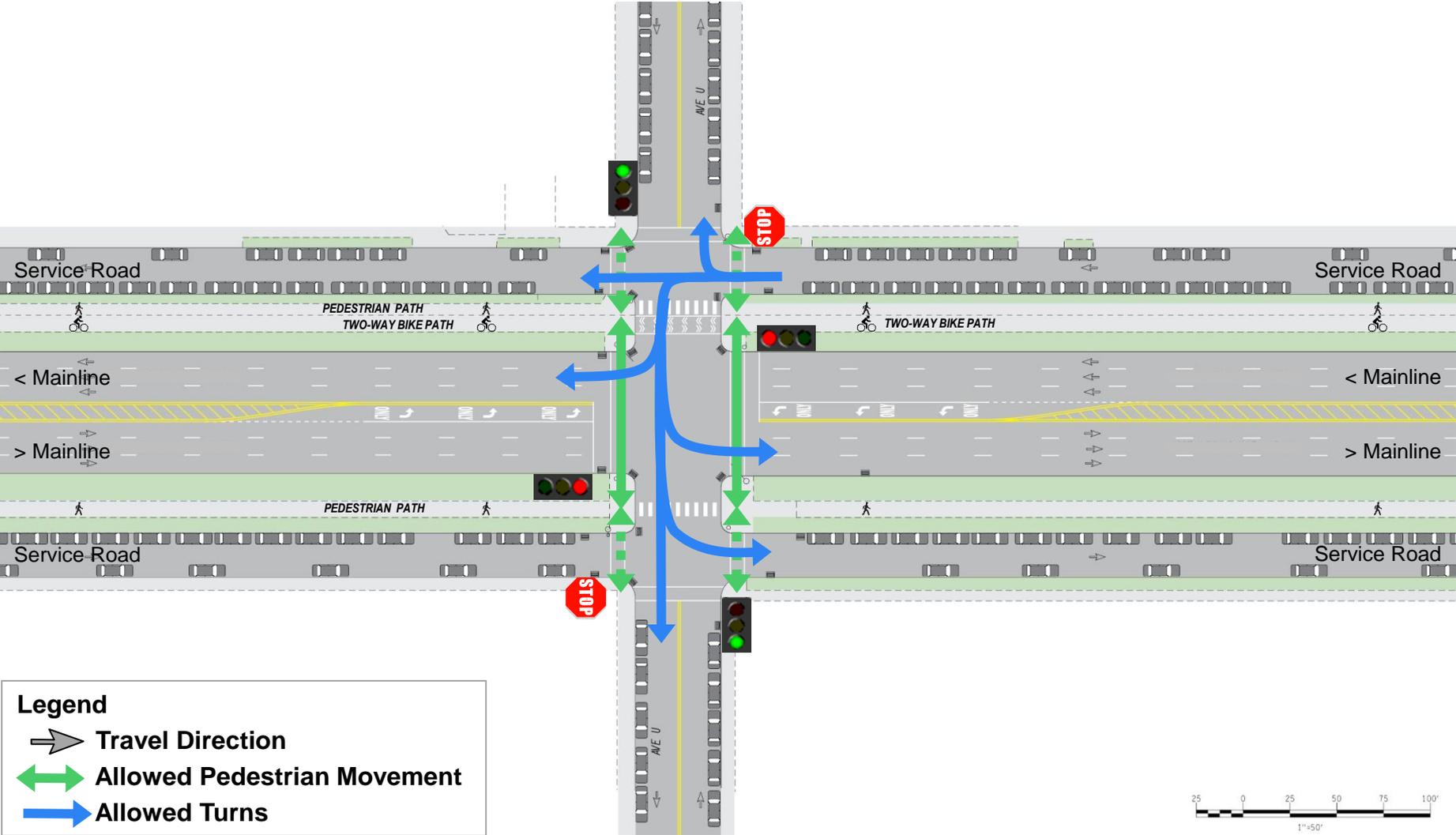
Service Road Safety Issues – Cross Street



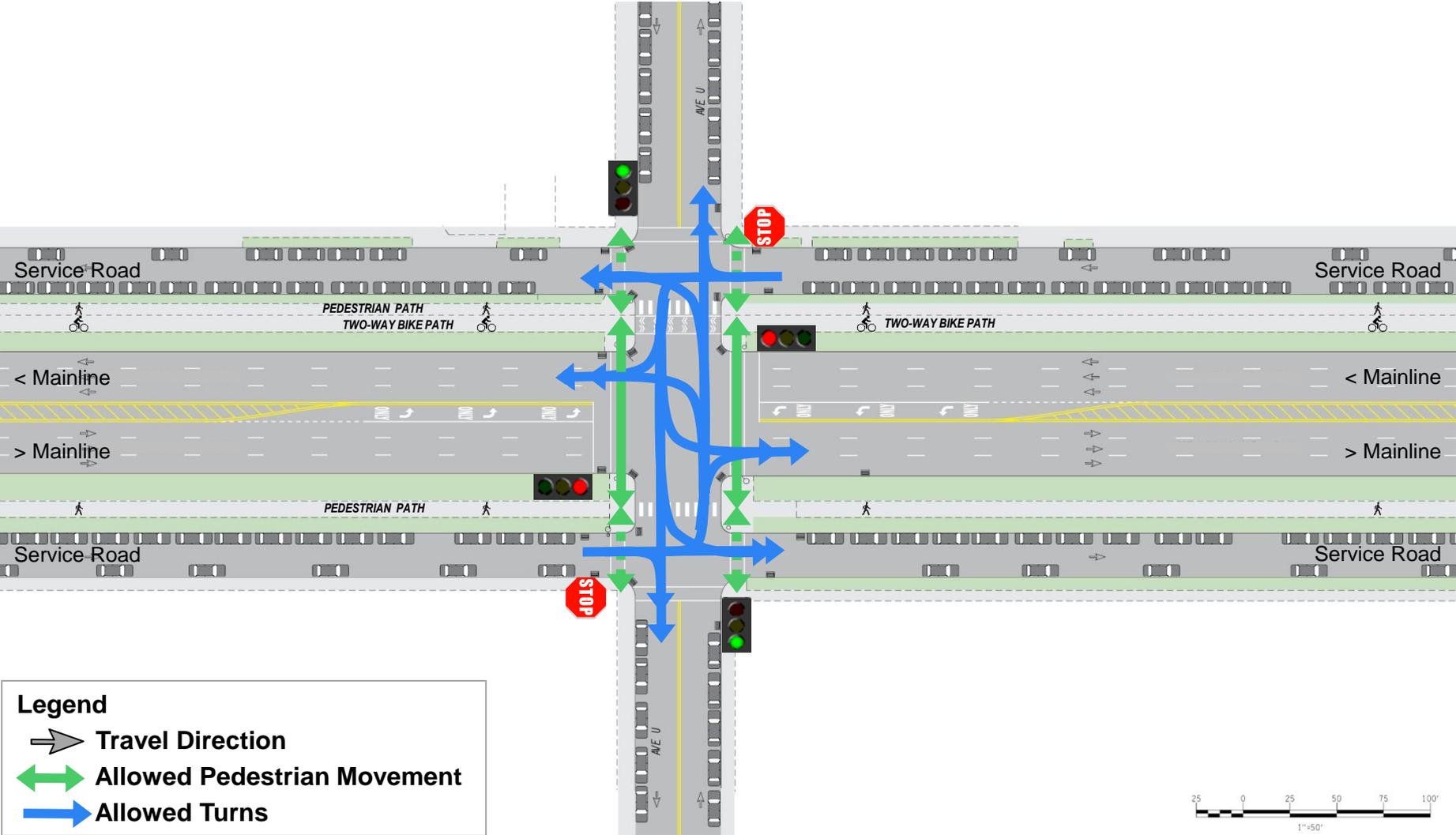
Service Road Safety Issues – Cross Street



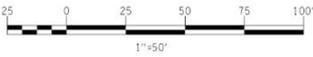
Service Road Safety Issues – Cross Street



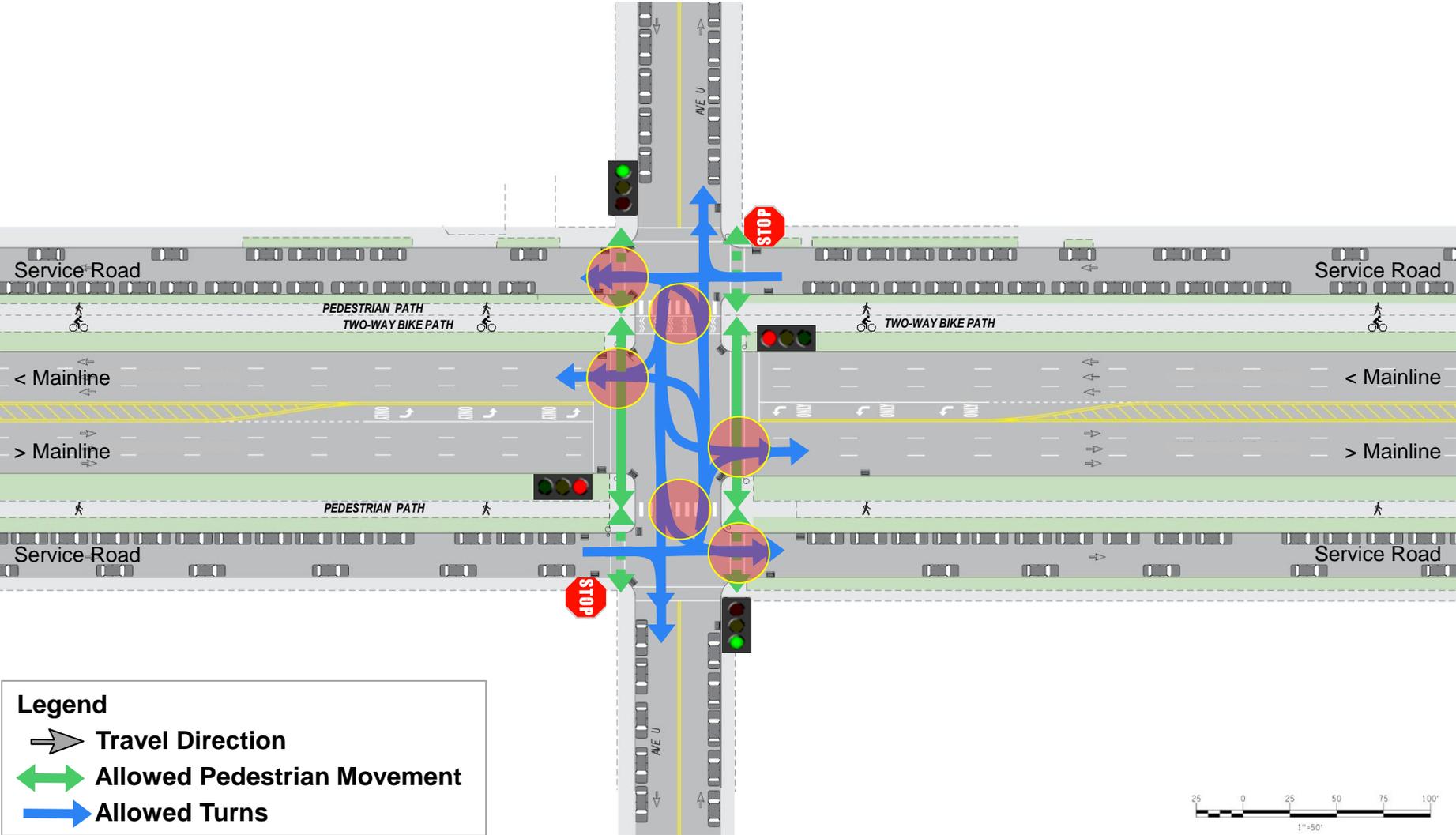
Service Road Safety Issues – Cross Street



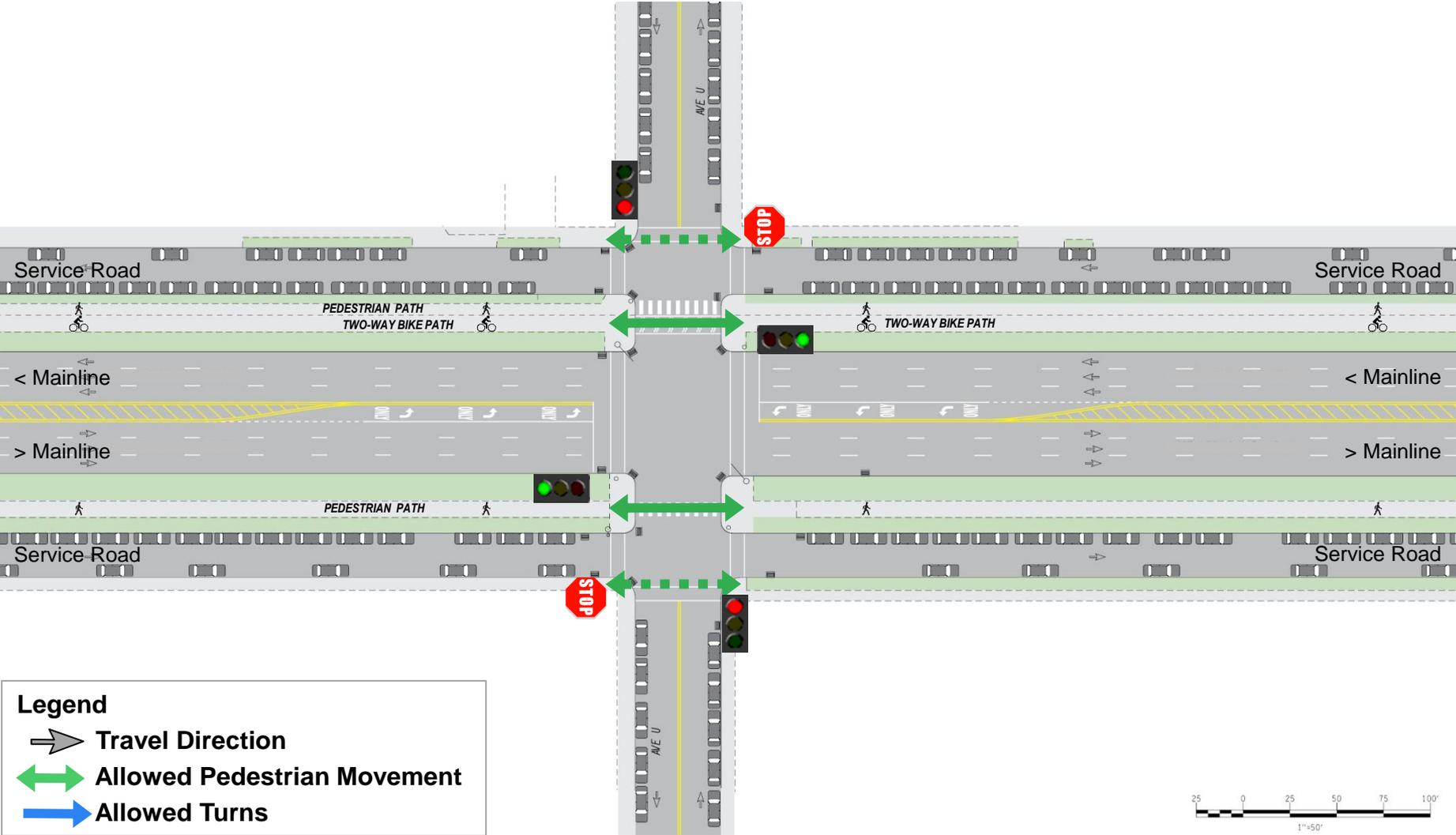
- Legend**
- Travel Direction
 - ↔ Allowed Pedestrian Movement
 - Allowed Turns



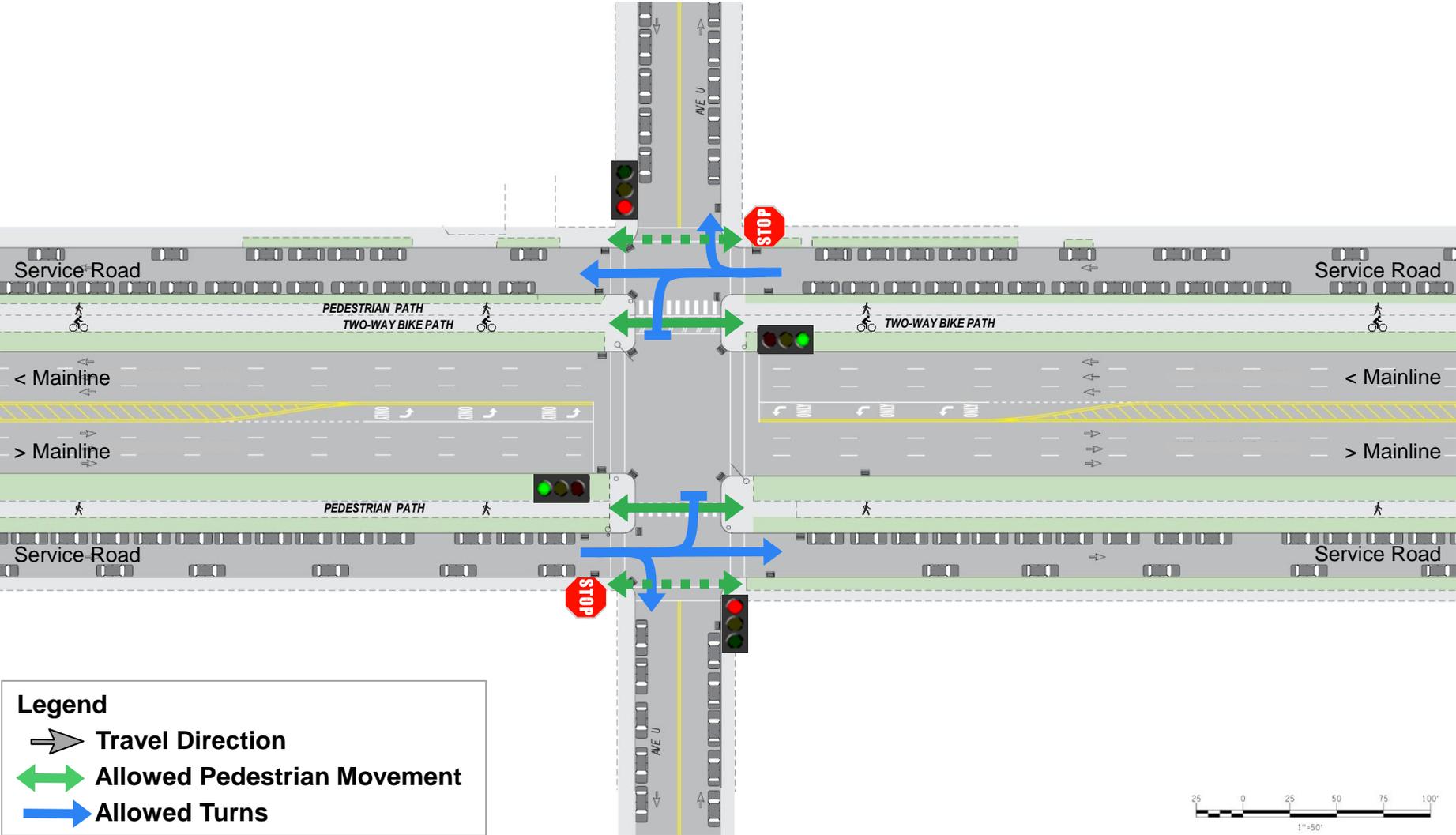
Service Road Safety Issues – Potential Conflicts



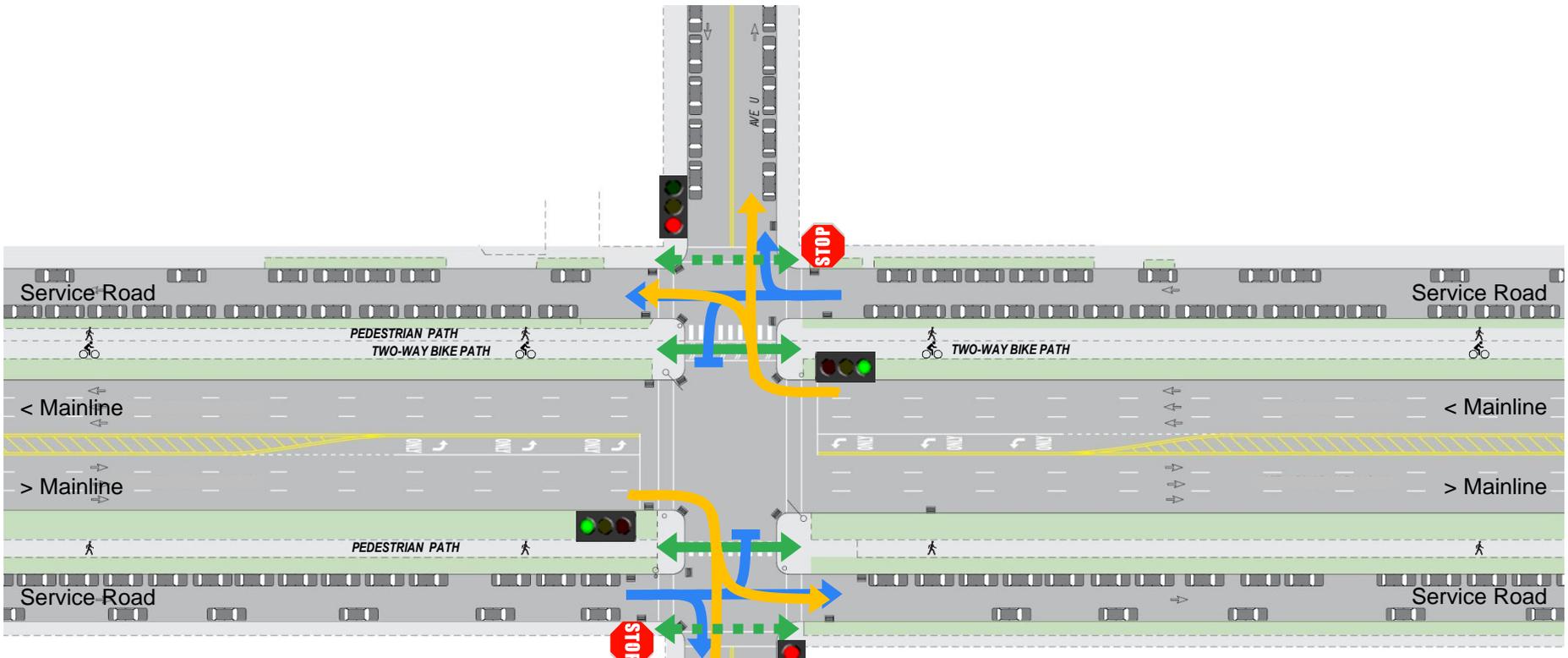
Service Road Safety Issues - Mainline



Service Road Safety Issues - Mainline

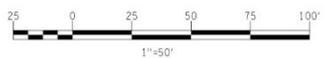


Service Road Safety Issues - Mainline

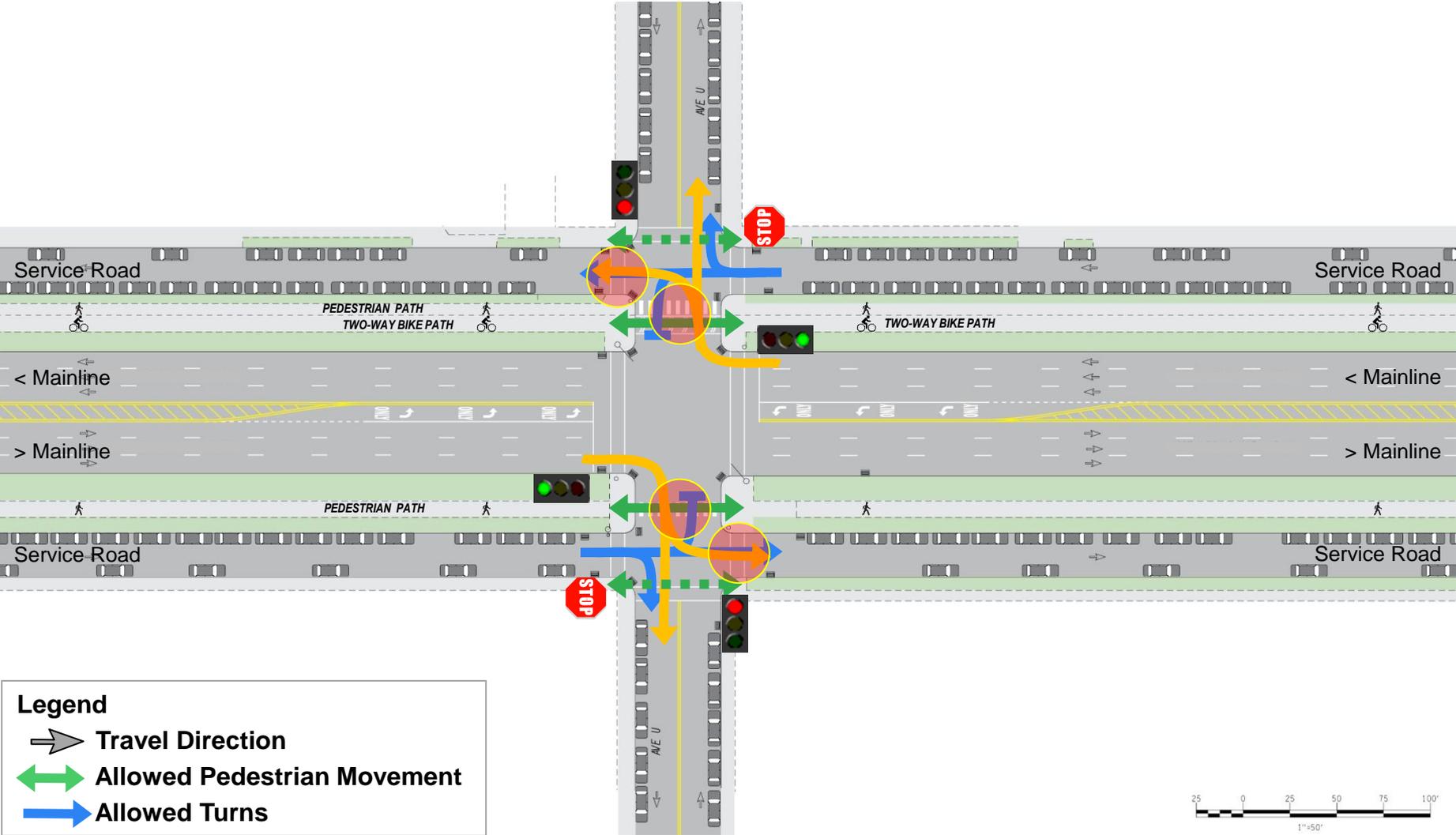


Legend

- Travel Direction
- Allowed Pedestrian Movement
- Allowed Turns



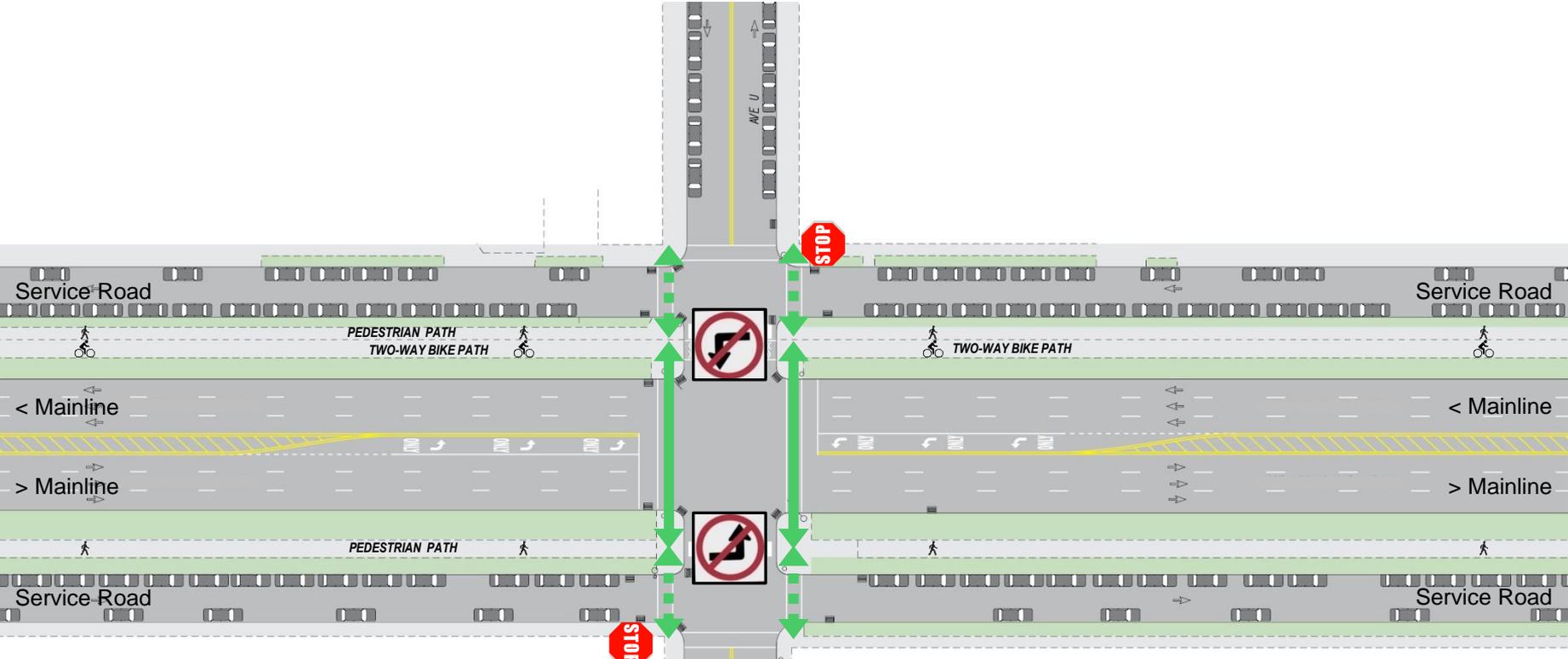
Service Road Safety Issues - Mainline



Ave C

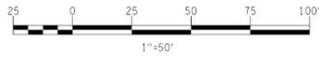


Service Road Alternative – Left Turn Restriction

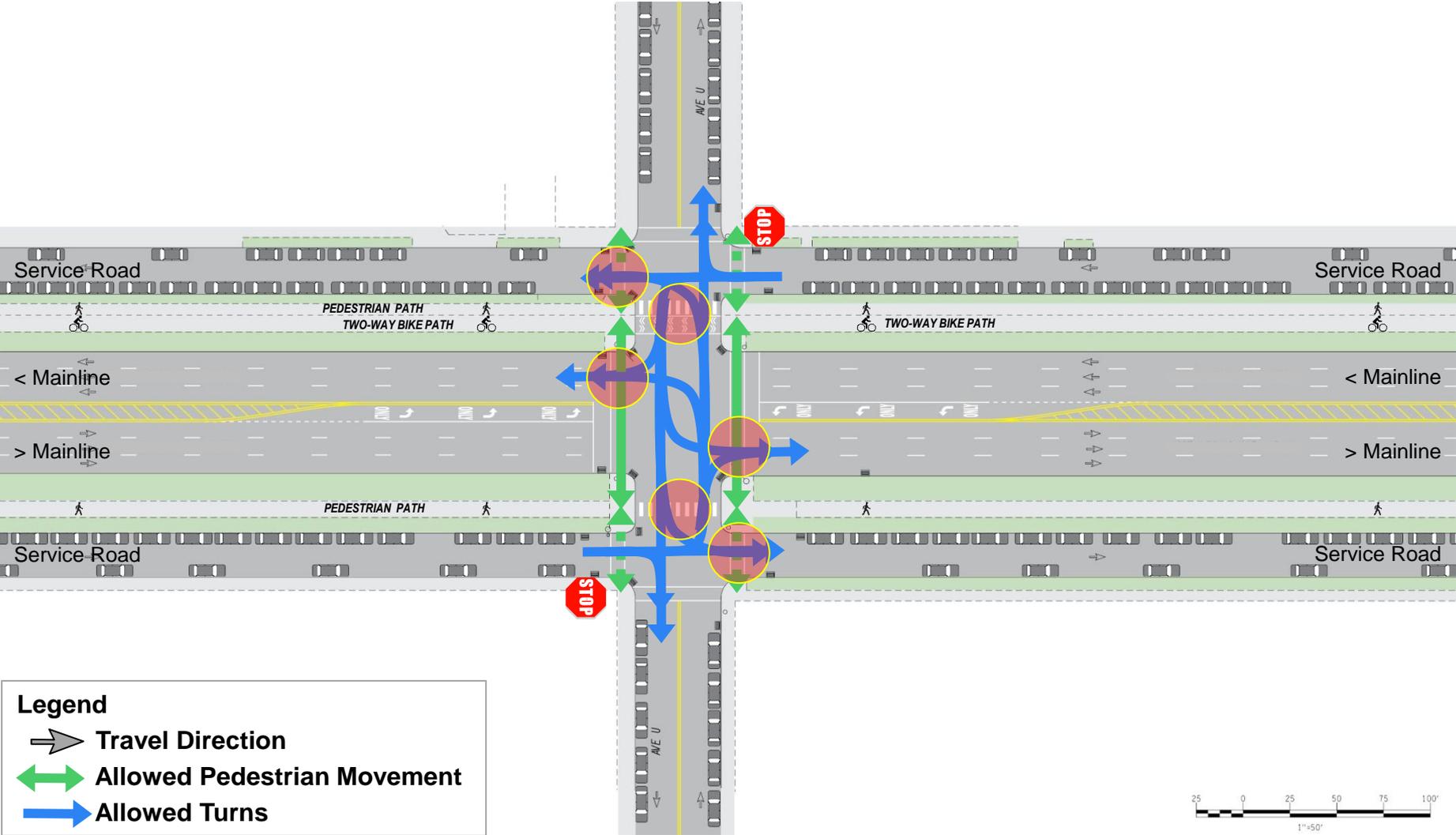


Legend

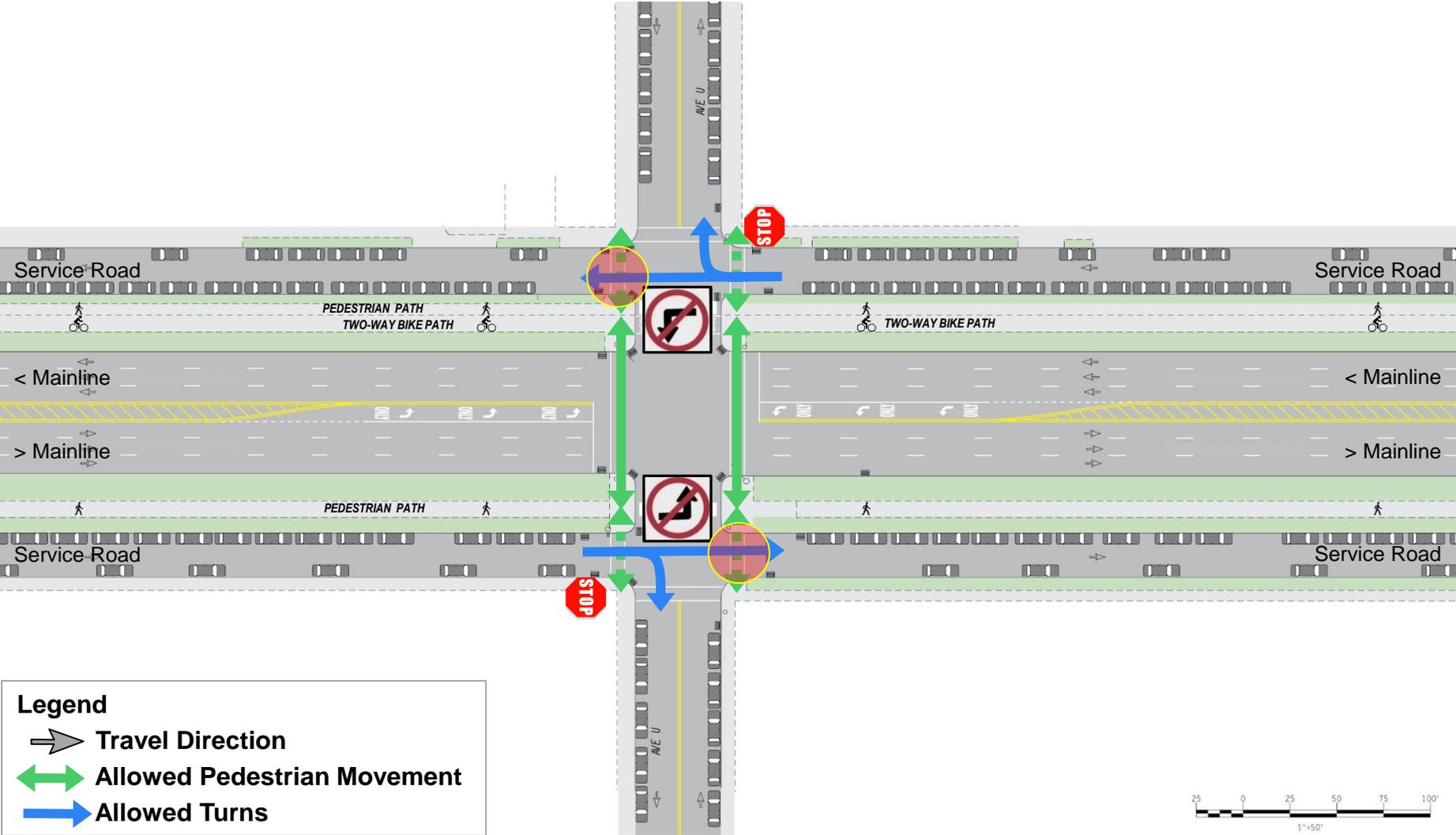
- ➔ Travel Direction
- ↔ Allowed Pedestrian Movement
- ➔ Allowed Turns



Service Road Safety – Possible Movements



Service Road Alternative – Left Turn Restriction





STOP



ONE WAY

ROAD WORK AHEAD

STOP

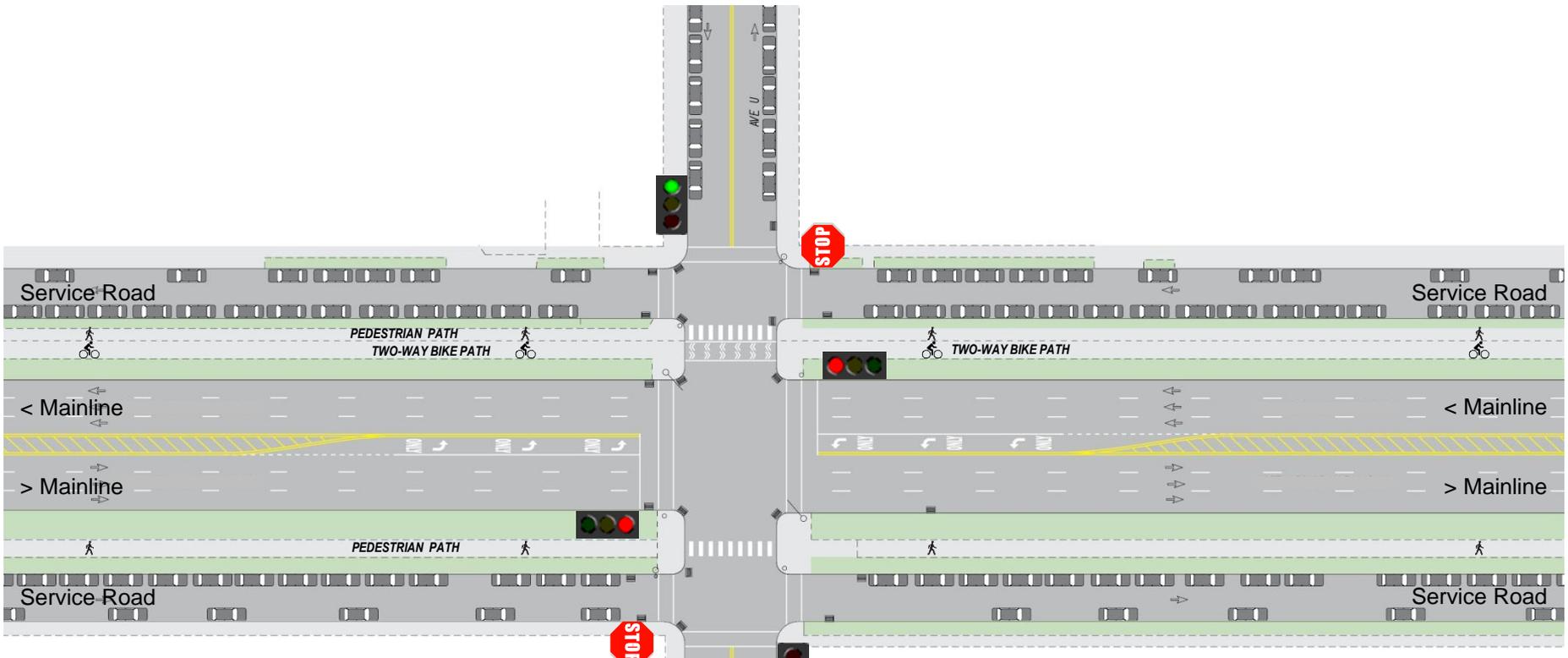


Everett St

STOP

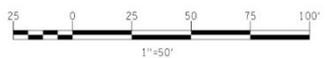


Service Road Alternative – Signalization

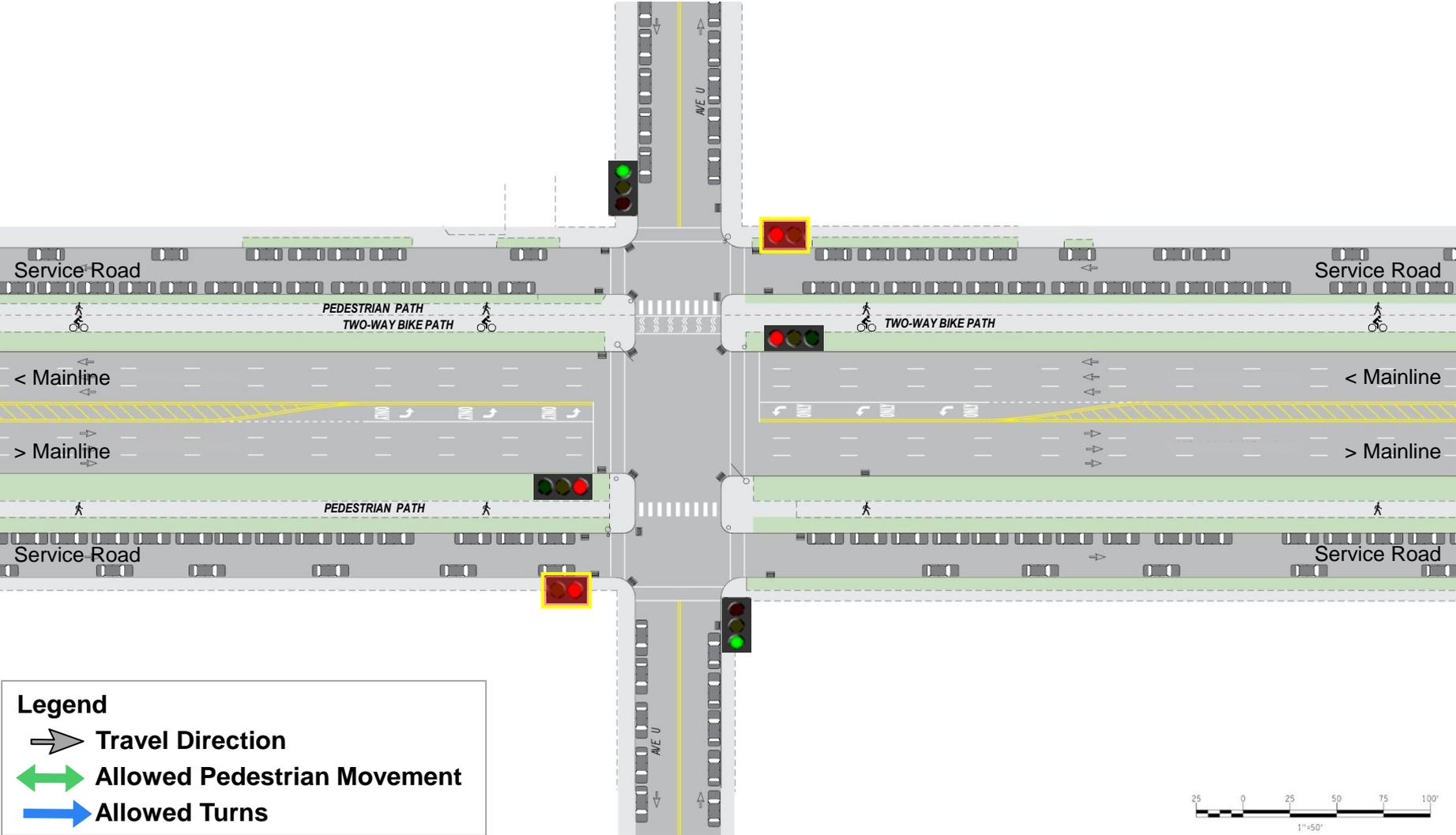


Legend

- Travel Direction
- Allowed Pedestrian Movement
- Allowed Turns



Service Road Alternative – Signalization





AFTER
STOP
YOU MAY
PROCEED ON
FLASHING
RED ONLY

NO STANDING
ANYTIME
→
P

NO RIGHT TURN

AFTER
STOP
YOU MAY
PROCEED ON
FLASHING
RED ONLY

DEPT. OF TRANSPORTATION



Service Road Alternatives

Legend

- # Community Board
- Study Corridor



- Avenue C
- Cortleyou Road
- Ditmas Avenue
- 18th Avenue
- Avenue I
- Bay Parkway
- Avenue J
- Avenue P
- Kings Highway
- Avenue U

Location		
Avenue C	✓	
Cortleyou Road	✓	
Ditmas Avenue	✓	
18th Avenue		✓
Avenue I	✓	
Avenue J		✓
Avenue P		✓
Kings Highway	✓	✓
Avenue U	✓	



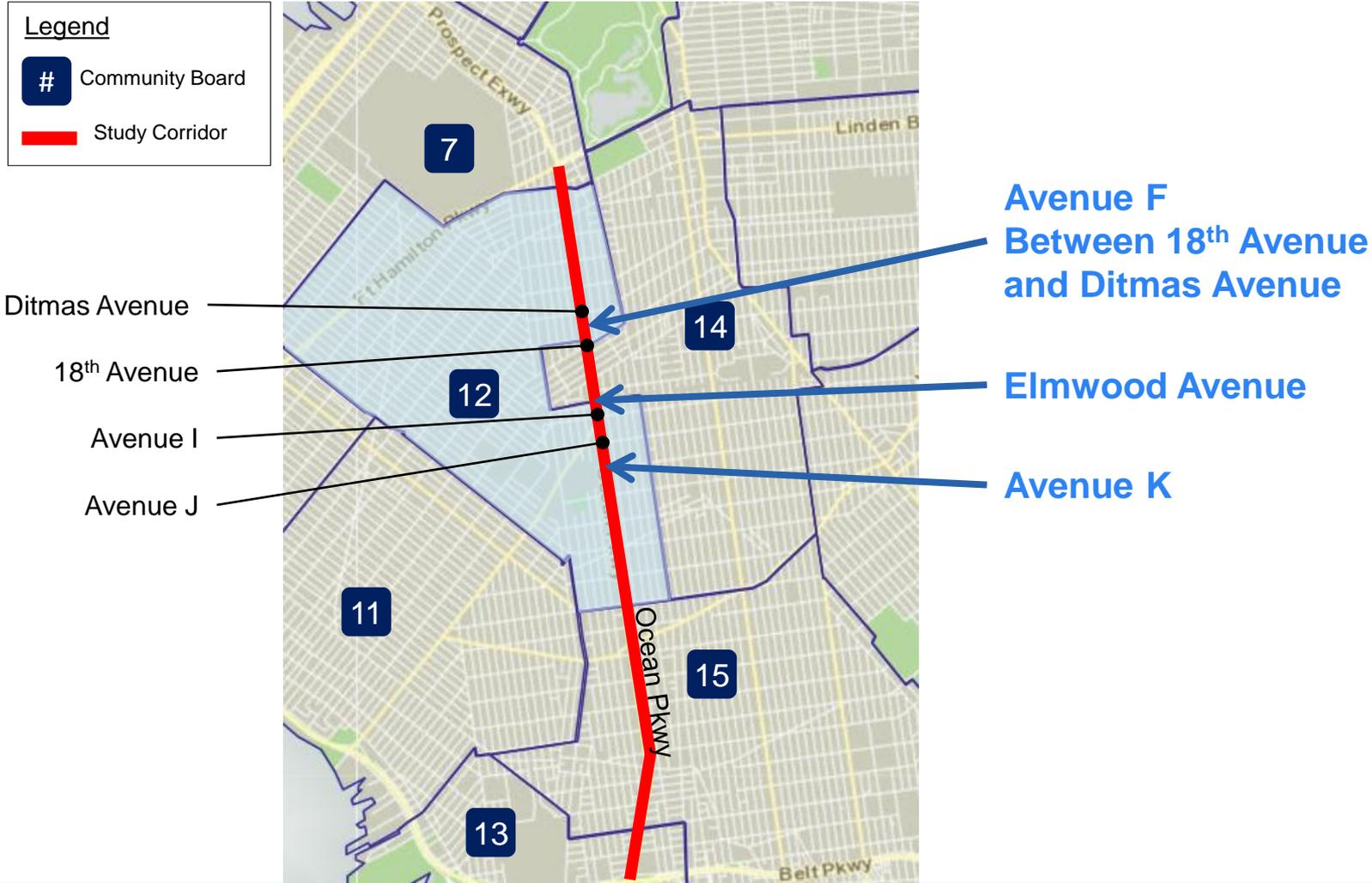
Summary of Alternatives



Summary of Alternatives – Midblock Crossings

Legend

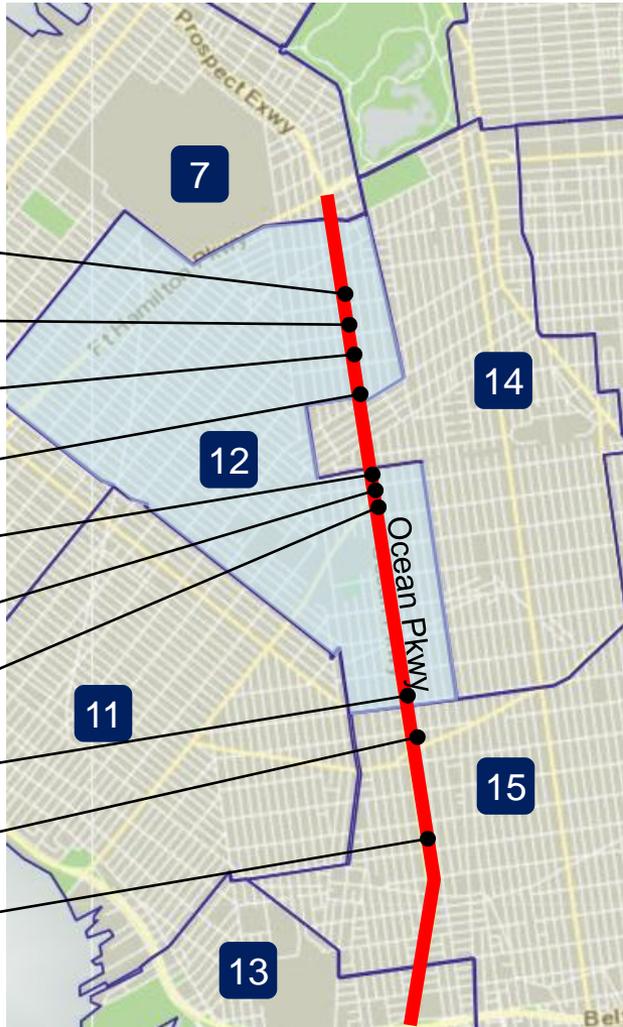
- # Community Board
- Study Corridor



Summary of Alternatives

Legend

- # Community Board
- Study Corridor



- Avenue C
- Cortelyou Road
- Ditmas Avenue
- 18th Avenue
- Avenue I
- Bay Parkway
- Avenue J
- Avenue P
- Kings Highway
- Avenue U

Location	Island	LPI	Rumble Strips		
Avenue C	✓	✓	✓	✓	
Cortelyou Road	✓	✓	✓	✓	
Ditmas Avenue		✓	✓	✓	
18th Avenue	✓	✓	✓		✓
Avenue I	✓	✓	✓	✓	
Avenue J		✓	✓		✓
Avenue P		✓	✓		✓
Kings Highway		✓	✓	✓	✓
Avenue U	✓	✓	✓	✓	



Summary of Alternatives

- Speed display boards
- ADA ramp compliance
- Pavement marking upgrades
- Traffic signing upgrades



Project Schedule

Public Outreach: May/June 2014

Public Presentation: September 2014

Construction Starts: April 2015

Construction Ends: September 2016



NYSDOT PIN X058.10

Ocean Parkway Safety Improvements

Prospect Expressway to Shore Parkway

Hosted by Assemblyman James Brennan

June 23, 2014

Joan McDonald, Commissioner, New York State Department of Transportation

