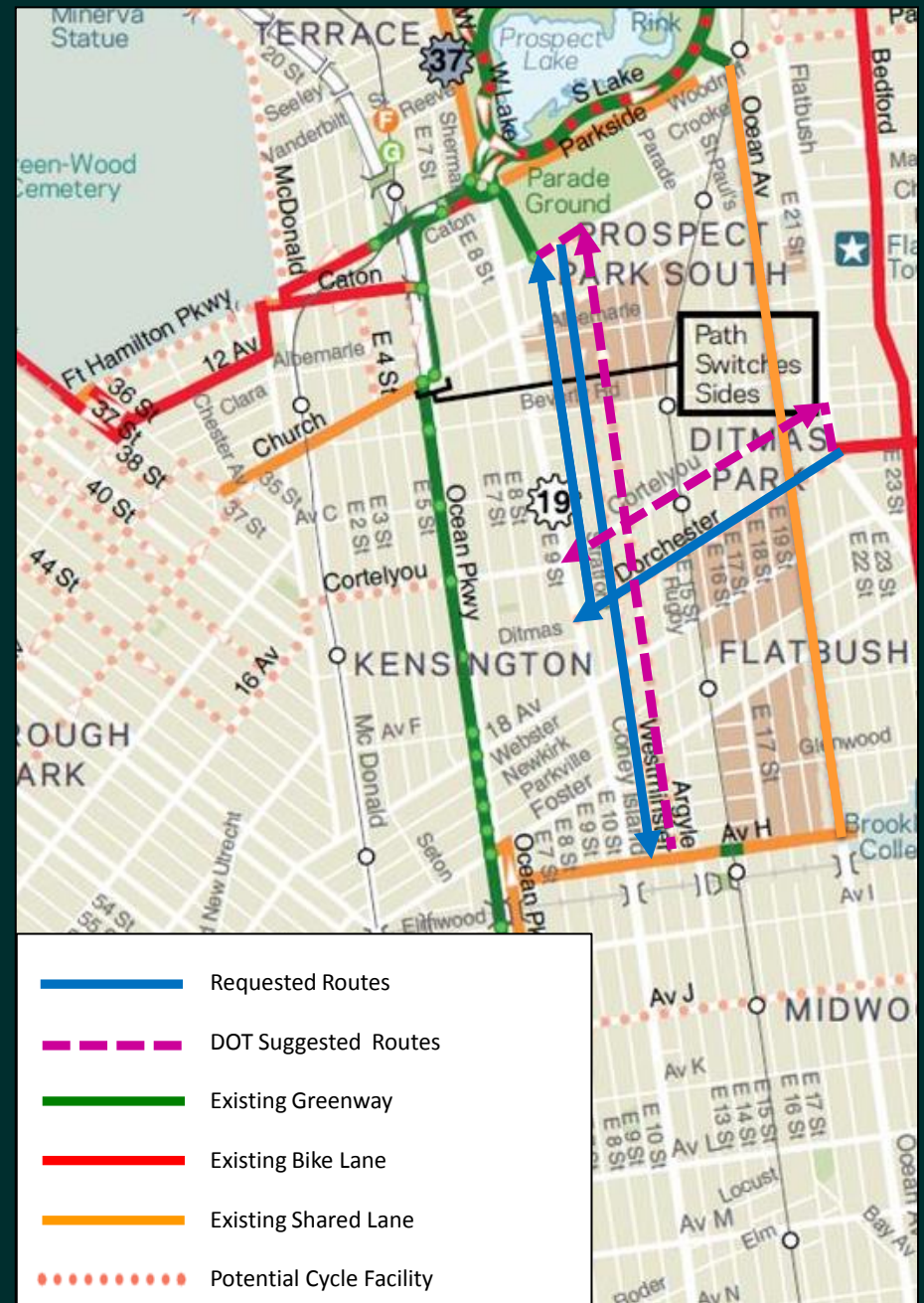


CB14 Bike Routes



Project Background

- Community members requested routes on
 - Stratford Rd
 - Westminster Rd
 - Dorchester Rd
- DOT reviewed requests and other possible routes
 - Argyle Rd
 - Cortelyou Rd
- Network connections needed on Flatbush Ave and Caton Ave



Existing Conditions – Stratford Rd

- One-way residential street with low traffic volume
- Leads directly to off street route to Prospect Park
- Limited network connectivity
- Would create bike route connections at
 - Parade Grounds Path
 - Dorchester Rd
 - Cortelyou Rd



Looking north towards Slocum Pl

Existing Conditions – Argyle Rd

- One-way residential street with low traffic volume
- Provides connection to Parade Grounds
- Would create bike route connections at
 - Ave H
 - Dorchester Rd
 - Cortelyou Rd
 - Parade Grounds Path via Caton Ave



Looking south at Dorchester Rd

Existing Conditions – Westminster Rd

- One-way residential street with low traffic volume
- Logical southbound route from Prospect Park
- Would create bike route connections at
 - Ave H
 - Dorchester Rd
 - Cortelyou Rd
 - Parade Grounds Path via Caton Ave



Looking north from Ave H

Existing Conditions – North & South Routes

Bicycle Counts 7AM-7PM

	Weekday	Weekend
Stratford Rd	153	230
Westminster Rd	156	255
Argyle Rd	145	249

Weekend count conducted on 5/3/2014

Mid-week weekday count conducted on 5/6/2014

Existing Conditions – Dorchester Rd

- One-way residential street
- Does not provide a safe eastbound route
- Would create bike route connections at
 - Stratford Rd
 - Westminster Rd
 - Argyle Rd
 - Ocean Ave
 - Clarendon Rd via Flatbush Ave
- All existing pavement markings would need to be removed



Looking east towards E 18th St

Existing Conditions – Cortelyou Rd

- Two-way commercial street
- Provides both east and west connections
- Commercial corridor already a destination generator
- Would create bike route connections at
 - Stratford Rd
 - Westminster Rd
 - Argyle Rd
 - Ocean Ave
 - Clarendon Rd via Flatbush Ave



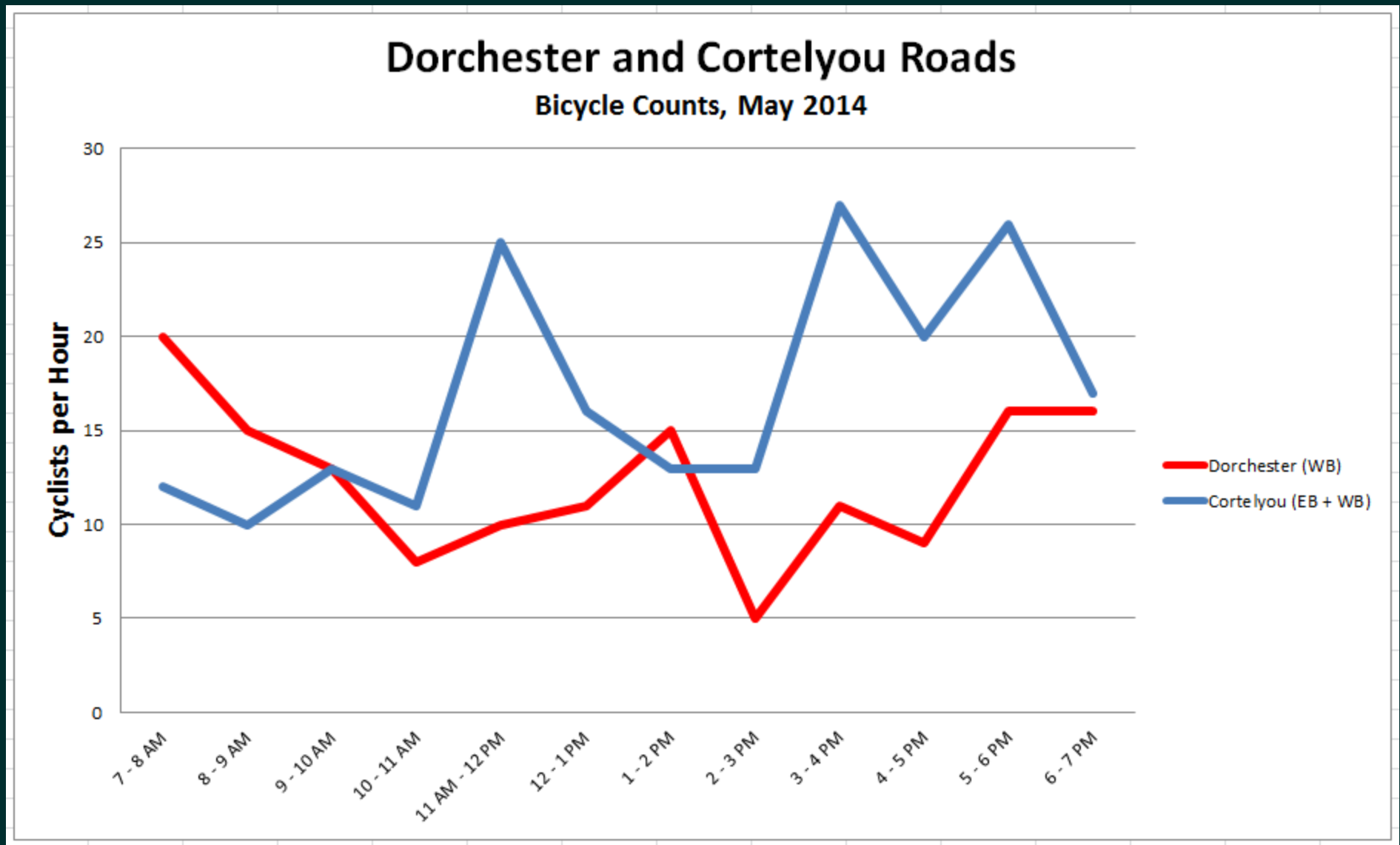
Looking west at E 17th St

Existing Conditions –East & West Routes

Bicycle Counts 7 AM - 7 PM

Dorchester Rd (WB)	149
Cortelyou Rd (EB/WB)	203

Existing Conditions –East & West Routes



Mid-week count conducted on 5/28/2014

Existing Conditions – Flatbush Ave

- High traffic volume corridor



Looking north towards Clarendon Rd

Injury Summary, 2008-2012 (5 Years)

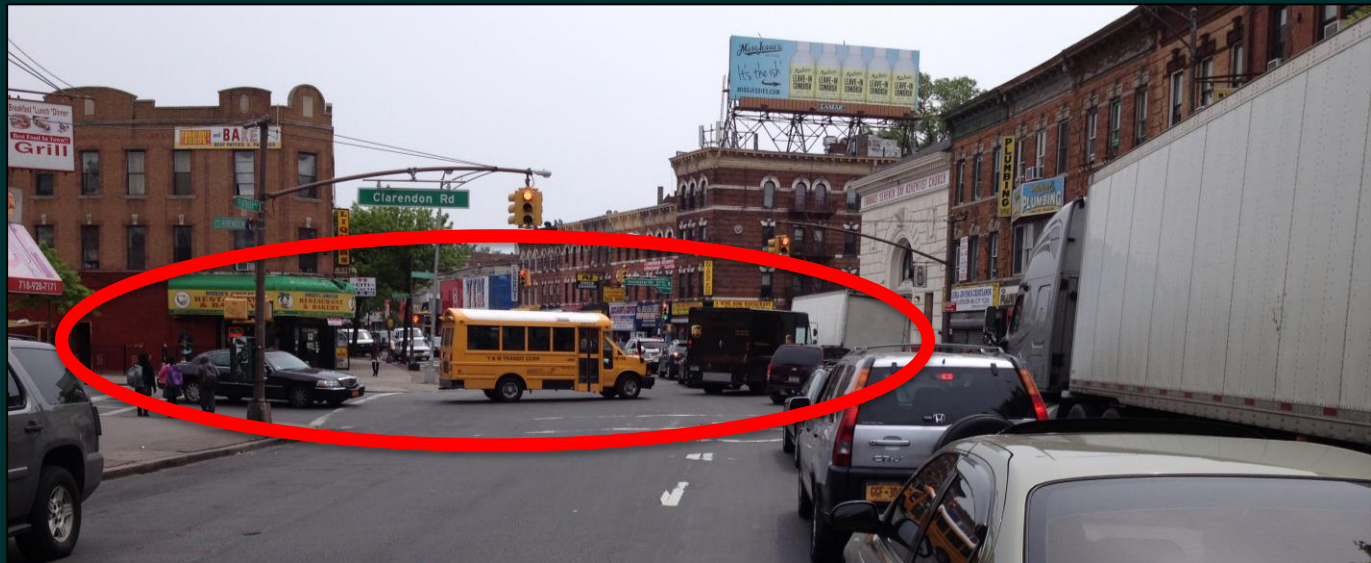
	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	19	2	0	2
Bicyclist	5	0	0	0
Motor Vehicle Occupant	73	2	0	2
Total	97	4	0	4

Existing Conditions — Flatbush Ave and Clarendon Rd

- No crossing at pedestrian desire lines
- Street curves, reducing visibility
- Signal timing creates bottlenecks

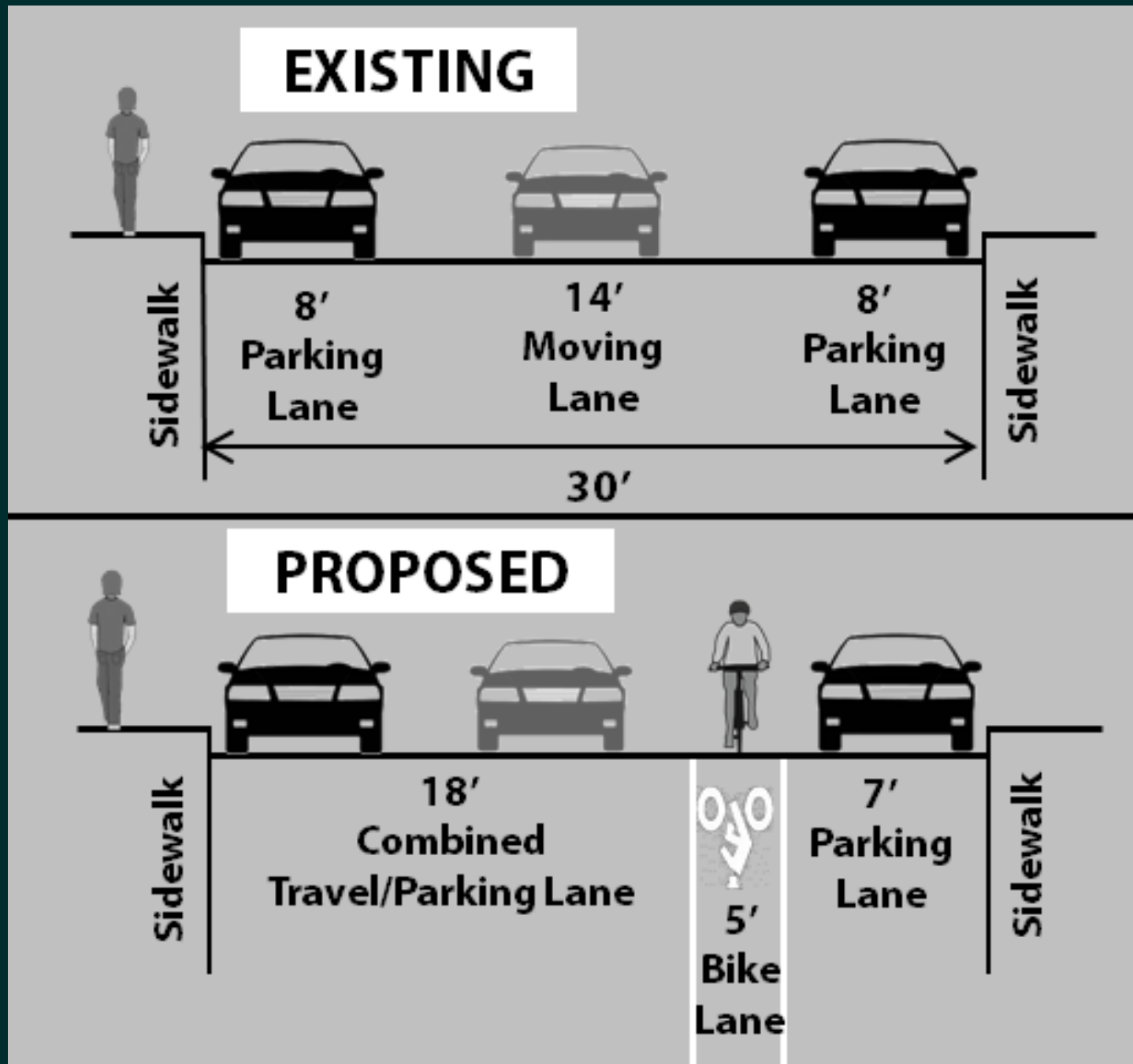


Looking north towards Clarendon Rd

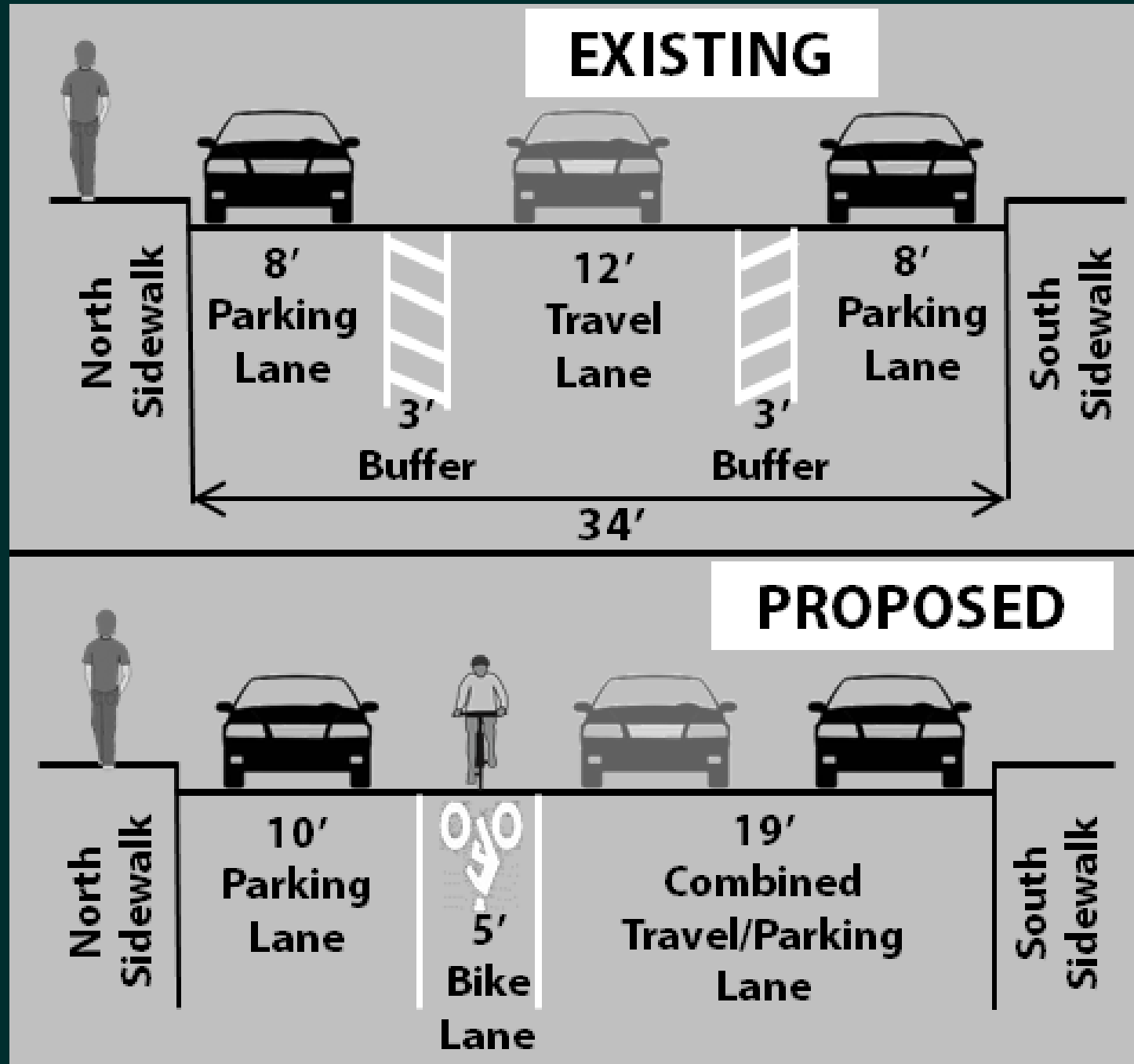


Looking south towards Clarendon Rd

Proposed Design- Stratford Rd, Westminster Rd, Argyle Rd



Proposed Design- Dorchester Rd

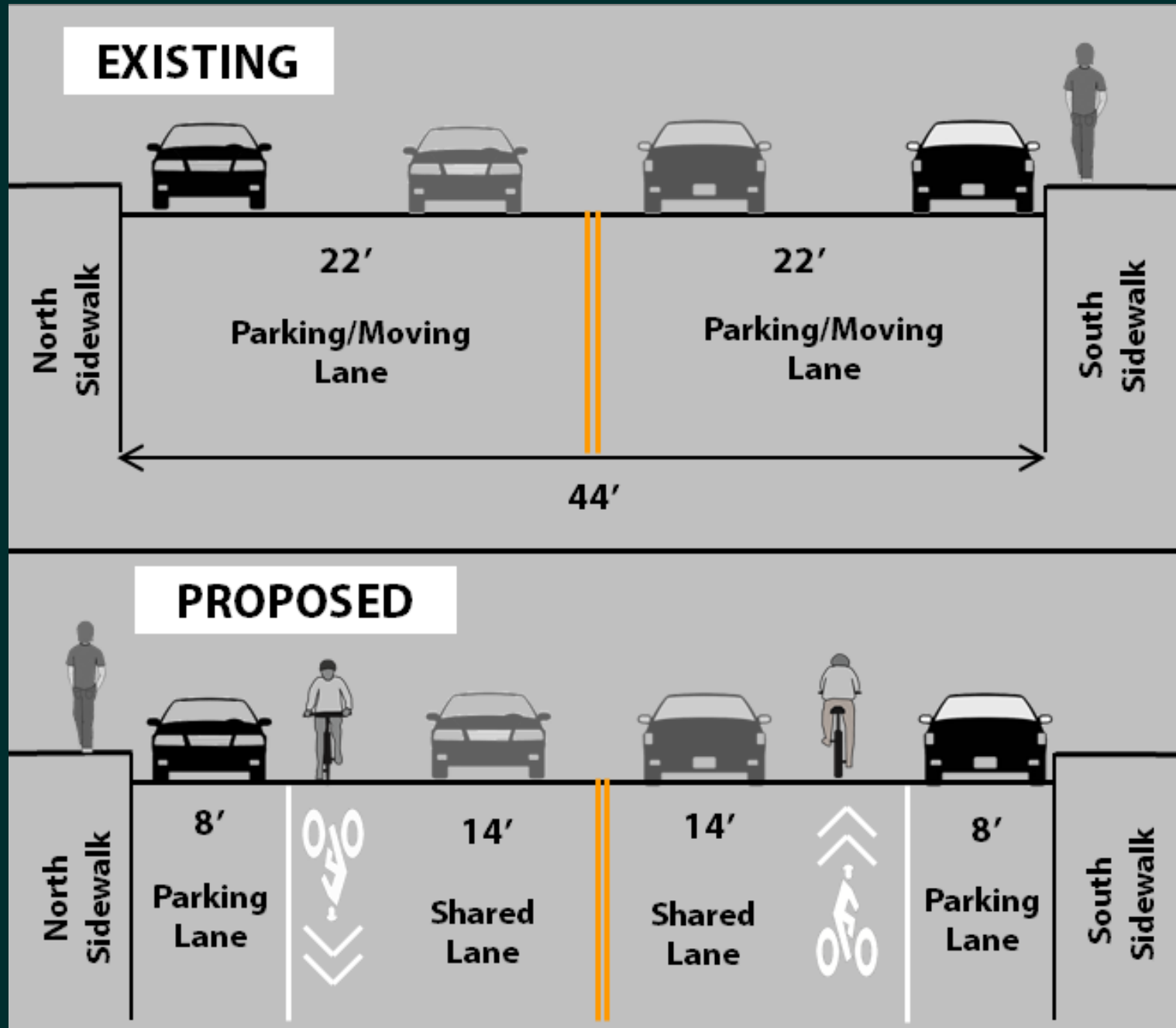


Example: Standard Bike Lane



Willoughby Avenue

Proposed Design- Cortelyou Rd

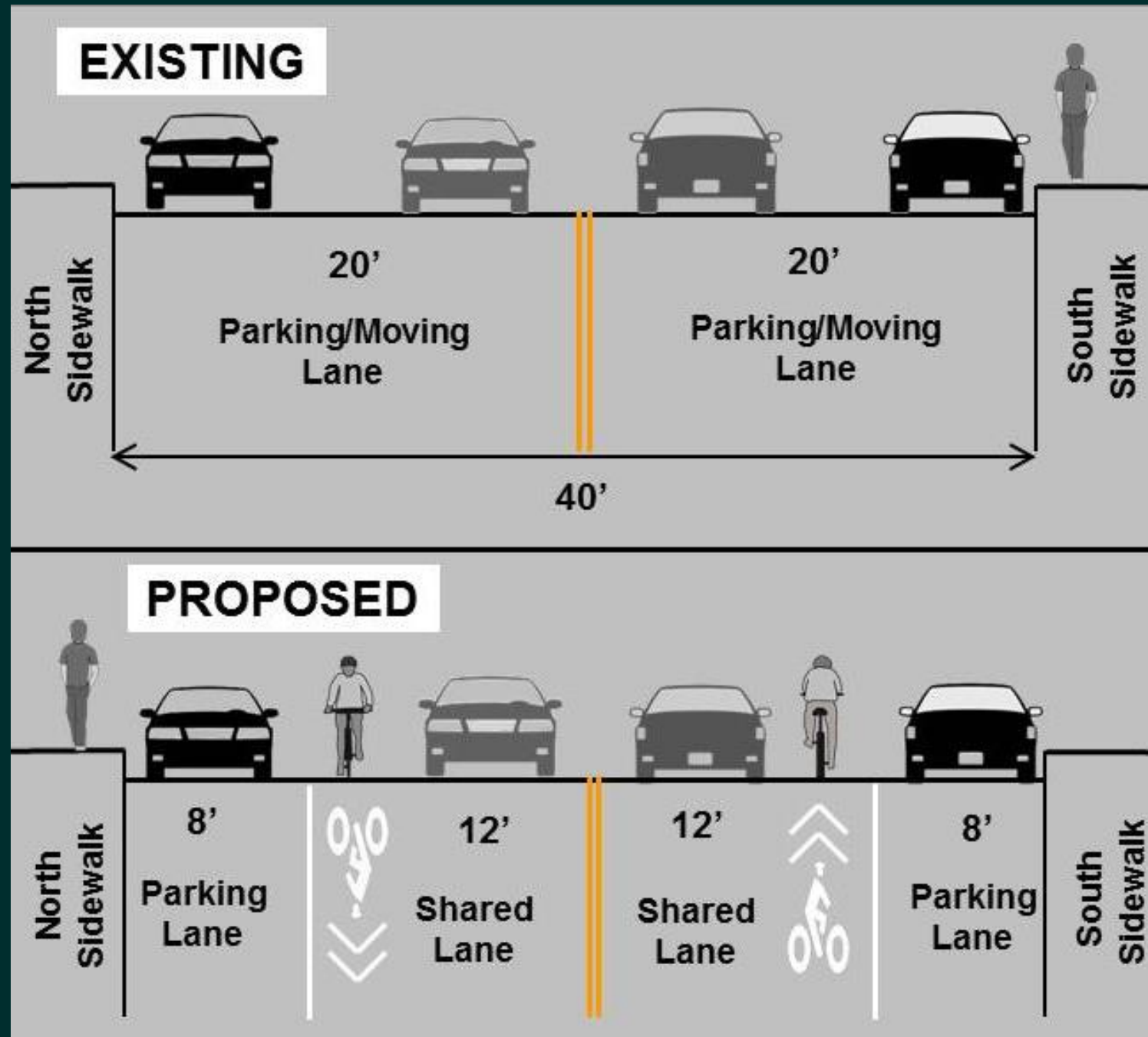


Example: Shared Lane



Cortelyou Road (Rendering)

Proposed Design- Caton Ave

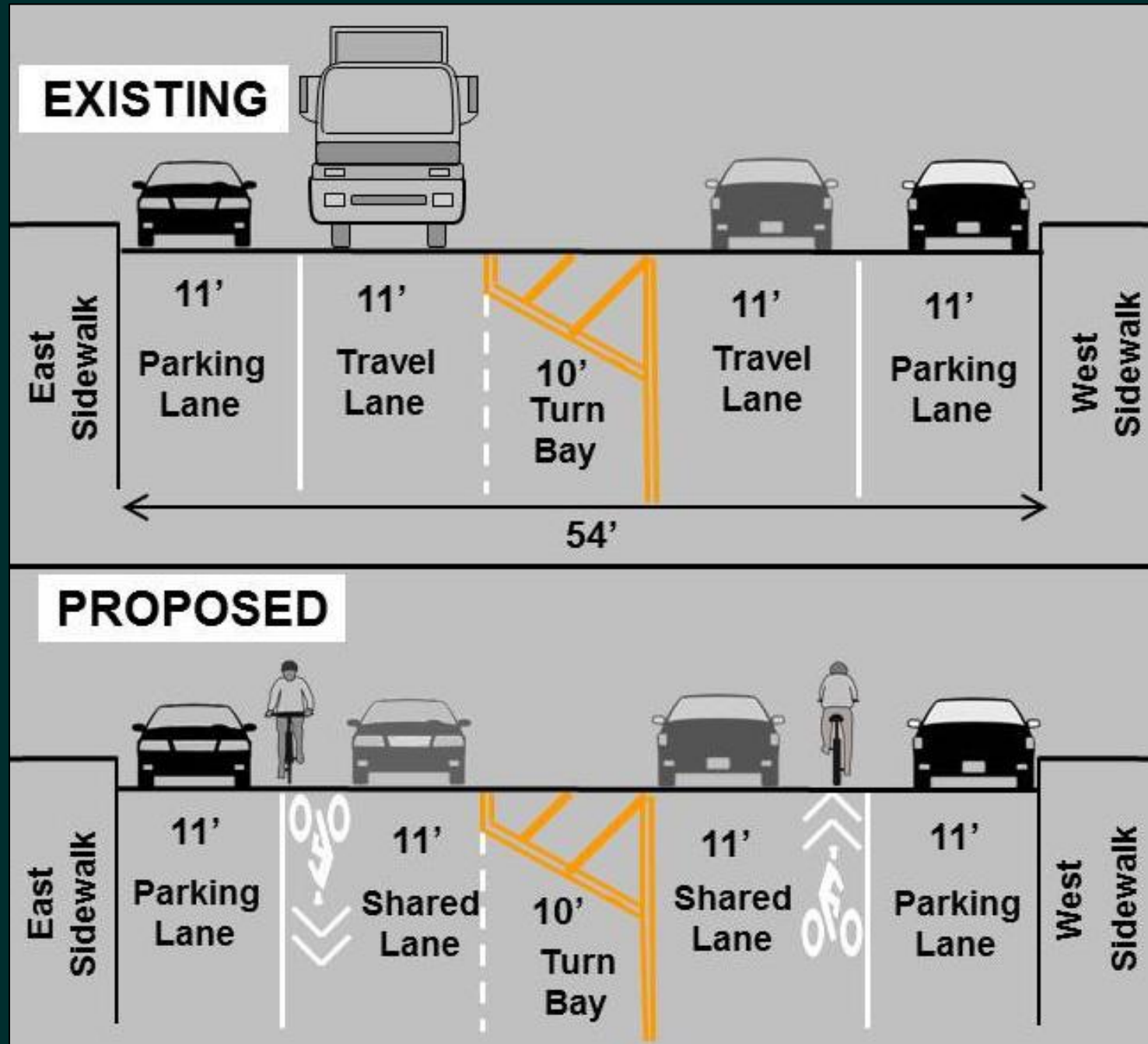


Example: 2-way Shared Lane



Avenue H

Proposed Design- Flatbush Ave



Example: 2-way Shared Lane

Ocean Ave

Proposed Intersection Improvements

- Adjust signal timing to move vehicles efficiently
- Add left turn signals on Flatbush Ave at Clarendon Rd and Dorchester Rd
- Adjust pedestrian signal timing to increase crossing times



Looking north towards Clarendon Rd

Recommendations

Phase 1:

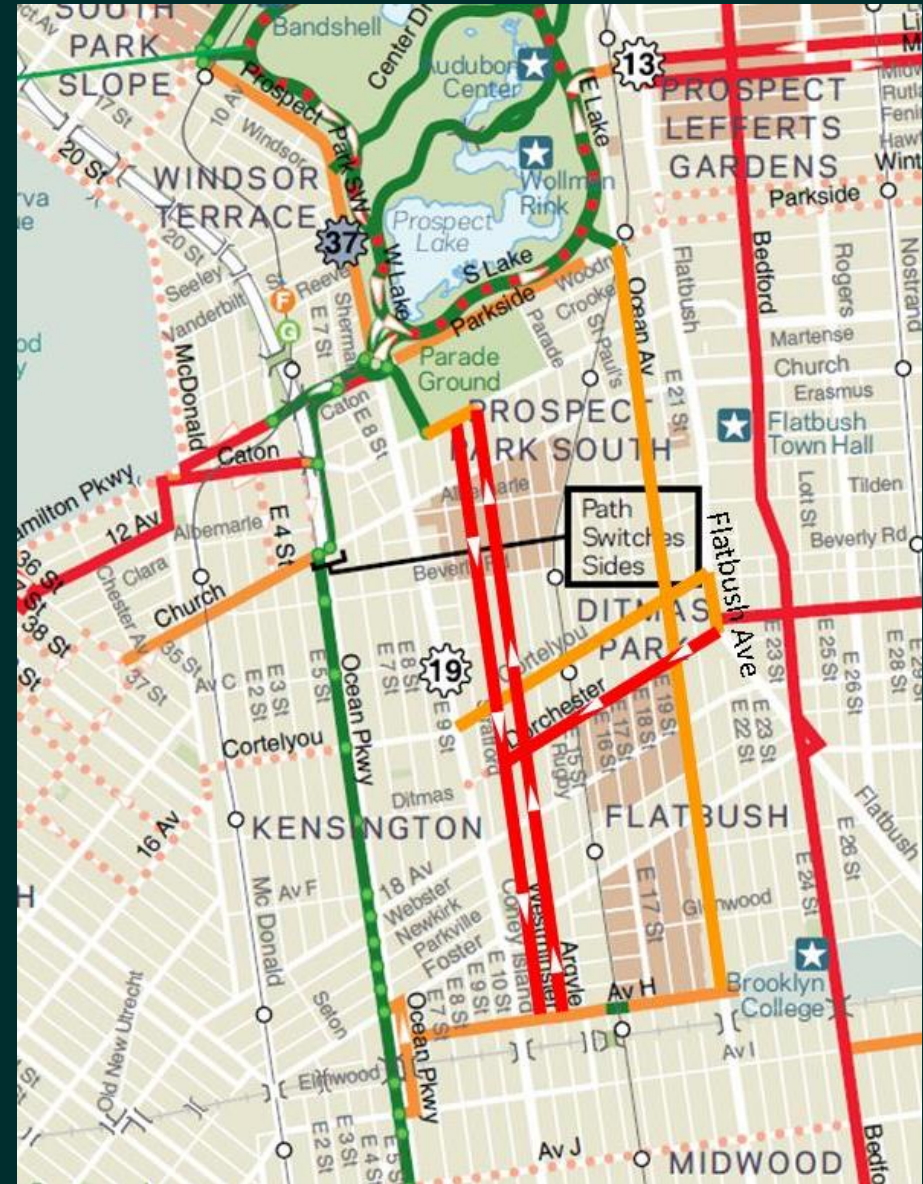
- Bike Lanes:
 - Westminster Rd
Caton Ave to Ave H
 - Argyle Rd
Caton Ave to Ave H
- Shared Lanes:
 - Cortelyou Rd (2-way)
Flatbush Ave to Coney Island Ave
 - Caton Ave (2-way)
Stratford Rd to Argyle Rd
 - Flatbush Ave (2-way)
Cortelyou Rd to Clarendon Rd



Recommendations

Phase 2:

- Bike Lane:
 - Dorchester Rd
Flatbush Ave to Westminster Rd
- Shared Lanes:
 - Flatbush Ave (2-way) –
Clarendon Rd to Dorchester Rd
- Pedestrian Improvements
 - Dorchester Rd and Flatbush Ave



Summary of CB14 Bike Route Benefits

- Expands bicycle network in the community
- Increased roadway organization and safety
- Clear positioning for cyclists
- No parking or lane removal
- Increased pedestrian safety at Flatbush Ave and Dorchester Rd

Next Steps

- Implement Phase I Spring 2015
- DOT to return in Fall with Phase II proposals based on your comments and feedback
- CB14 consider recommendations for continued bike network expansion south of Ave H



Questions?



Thank
You