



DEPARTMENT OF TRANSPORTATION
BALTIMORE CITY

ROLAND AVENUE CYCLE TRACK

Women's Club of Roland Park

Baltimore City Department of Transportation

2015

OVERVIEW

The Project



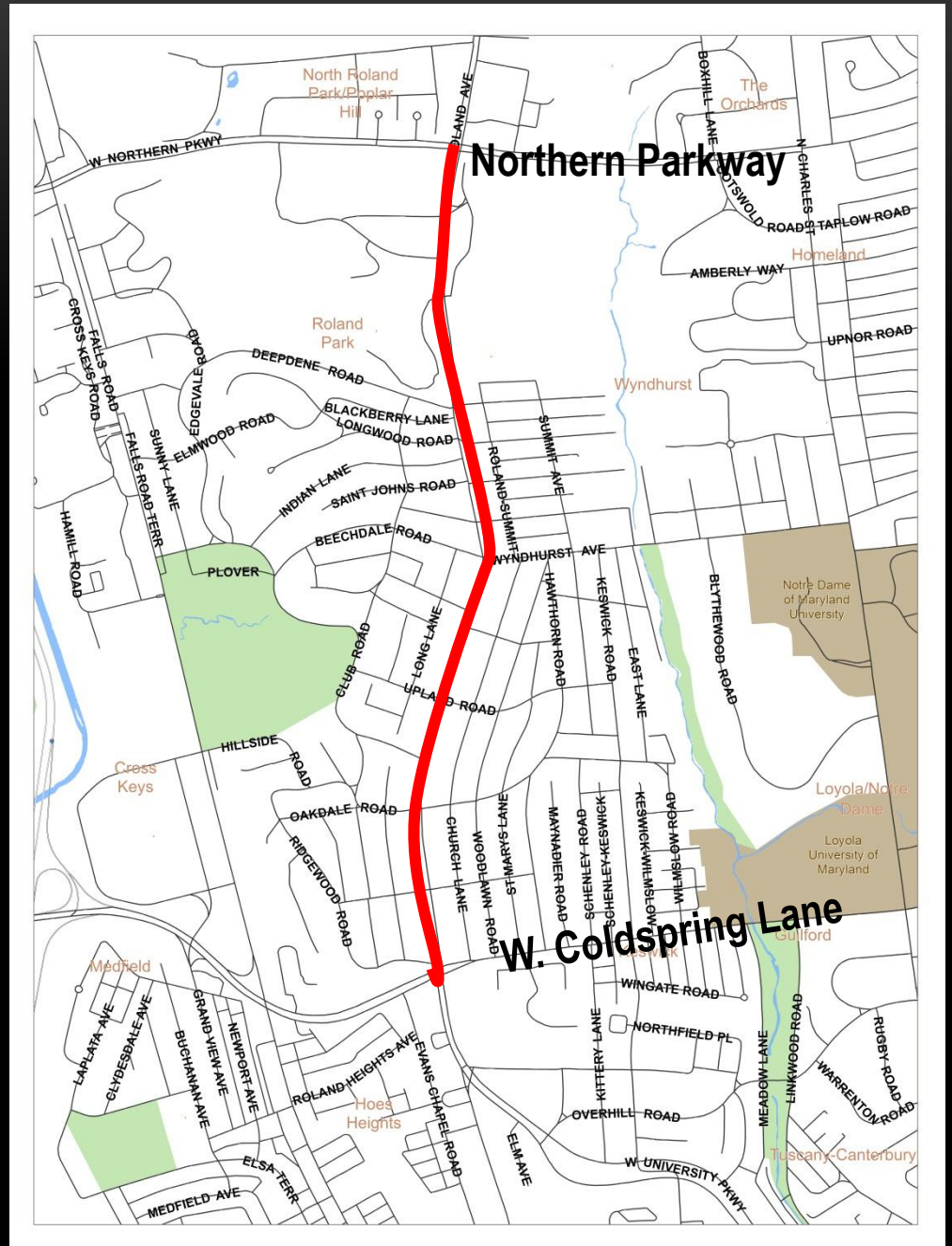
Protected Lanes and
Why They Are Important



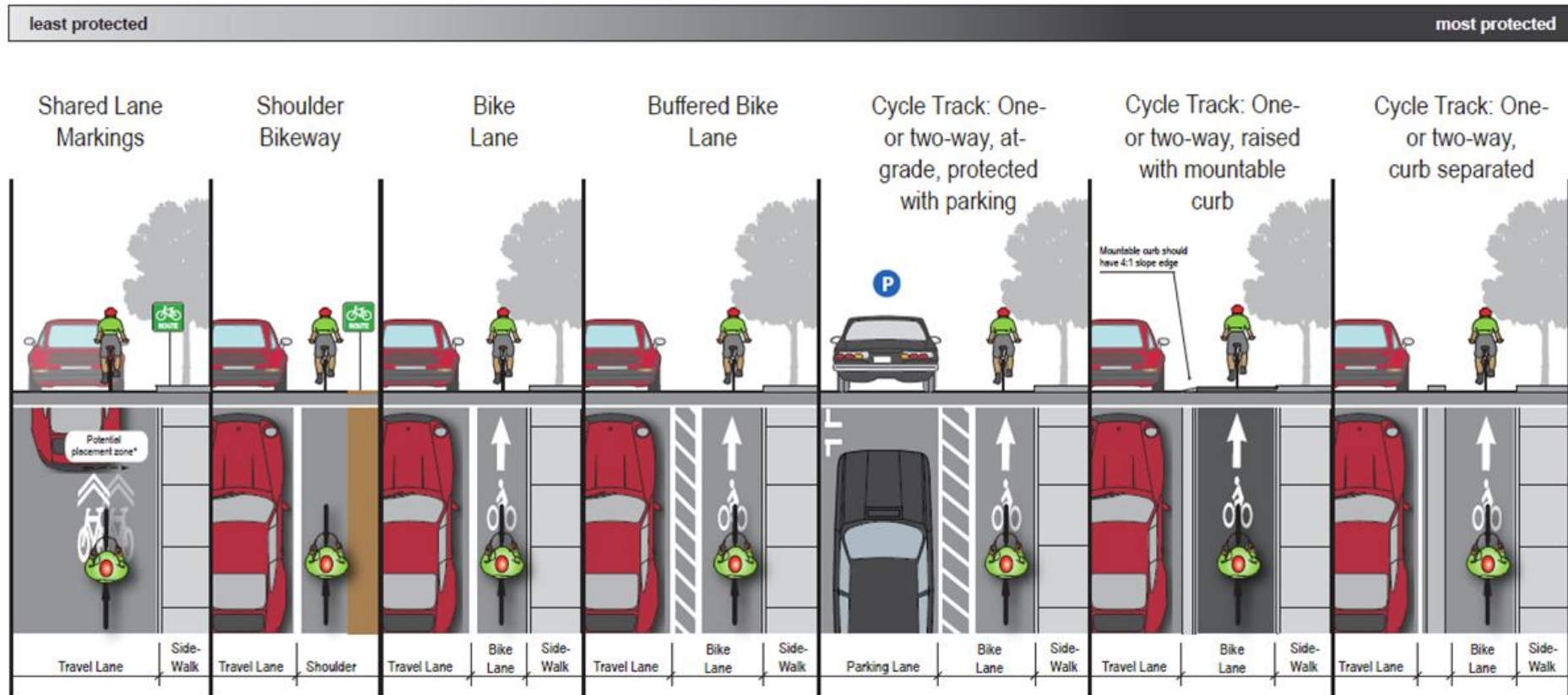
The Design

THE PROJECT

- Resurfacing on Roland Avenue between W. Coldspring Lane and Northern Parkway
- Restriping to provide a parking protected bike lane

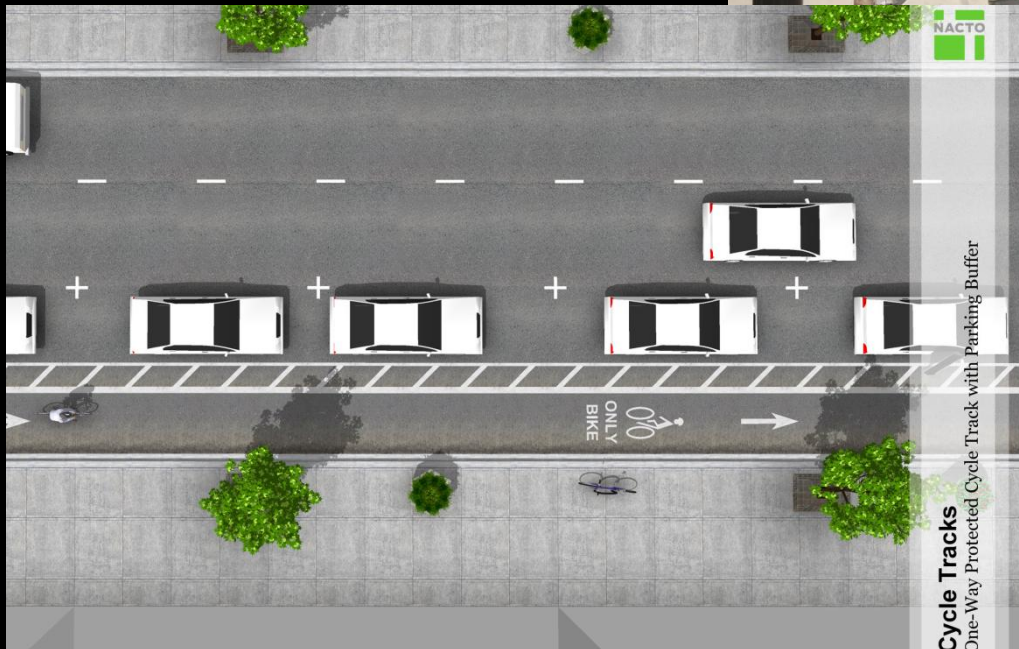


TYPES OF BICYCLE FACILITIES



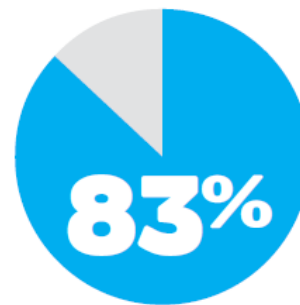
Source: Alta Planning & Design

WHAT IS A PROTECTED BIKE LANE AND WHY ARE THEY IMPORTANT?



WHAT IS A PROTECTED BIKE LANE AND WHY ARE THEY IMPORTANT?

- Shorter crossing distances for pedestrians
- Narrower travel lanes for drivers, slow traffic speeds
- Reduces injury crashes for drivers, pedestrians and bicyclist by 40%
- Reduces injury crashes for bicyclist by 90%



83% of residents near Washington, DC's 15th Street protected bike lane say it's a valuable asset to the neighborhood.³

Source: People for Bikes, *Bike Lanes Mean Business*, 2015

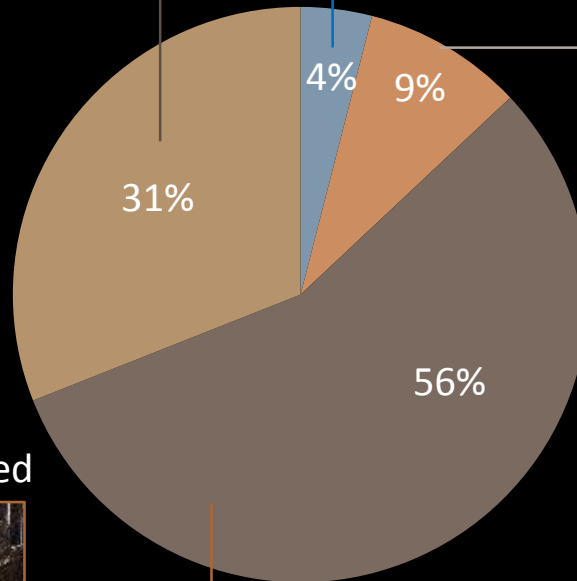
TYPES OF CYCLISTS



No Way, No How



Strong and Fearless



Enthusied and Confident

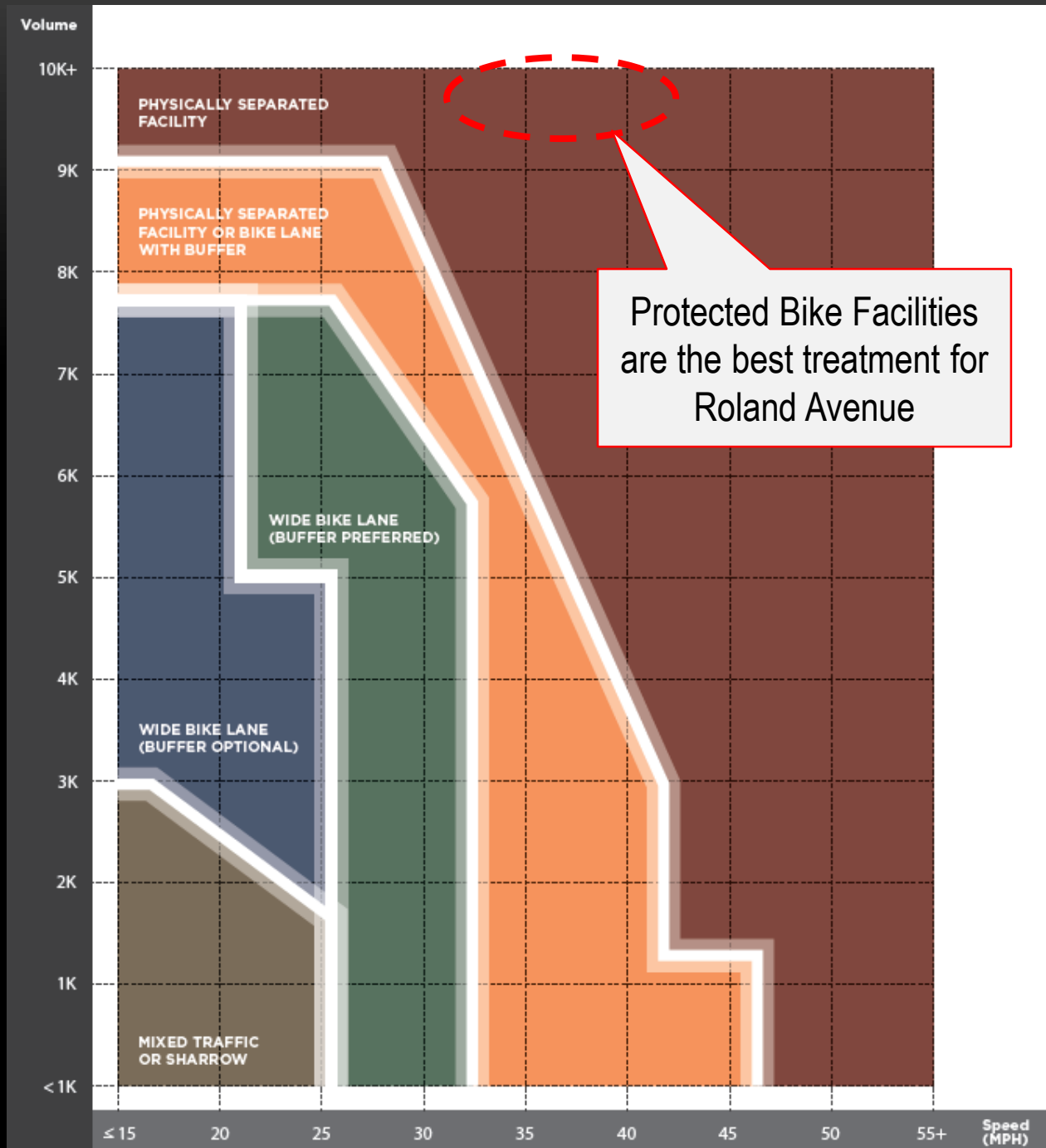
Interested but Concerned



Source: Dill, Jennifer, and Nathan McNeil. "Four Types of Cyclists? Testing Typology to Better Understand Bicycling Behavior in Portland." 2012

Photo Source: Brian O'Doherty via Baltimore City Bike Master Plan

APPROPRIATE DESIGN

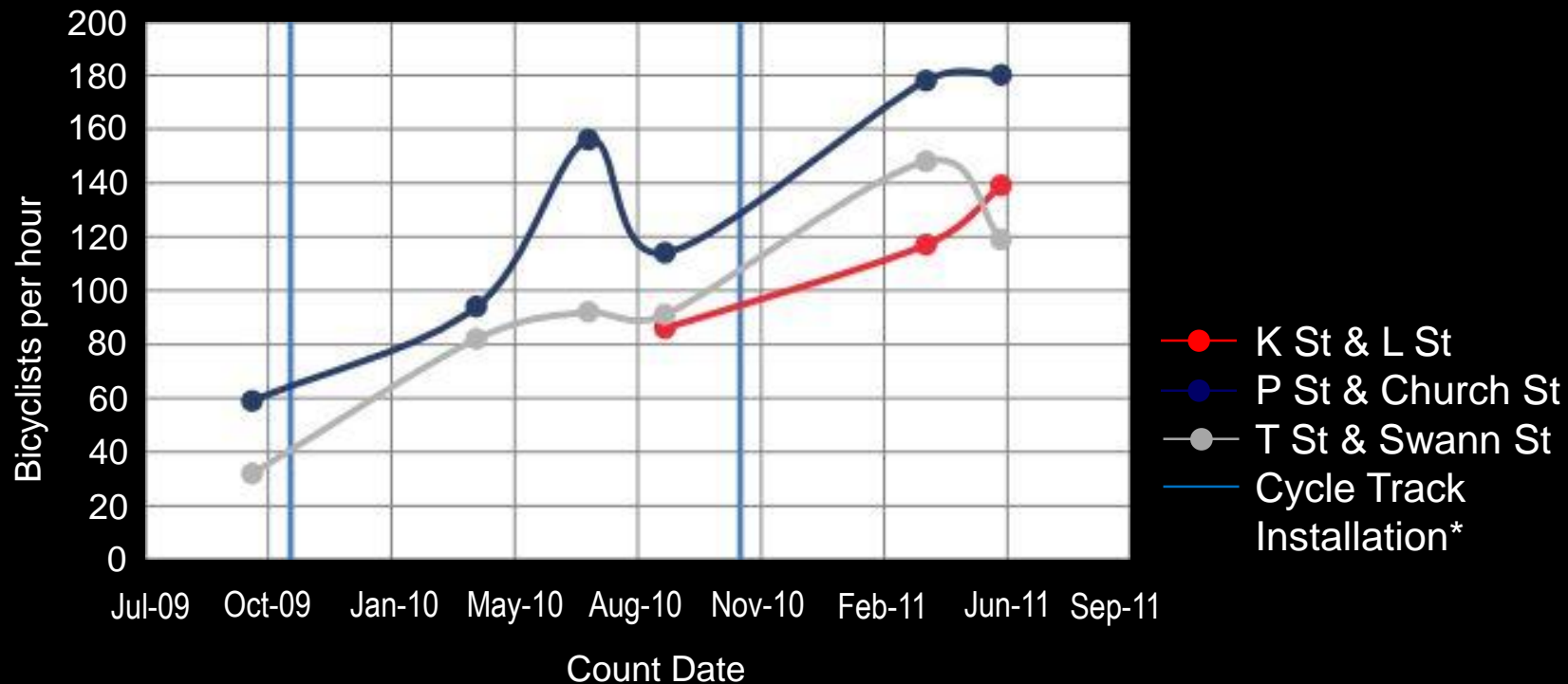


CYCLE TRACKS – THEY'RE NOT A NEW CONCEPT!



IF YOU BUILD IT, THEY WILL COME

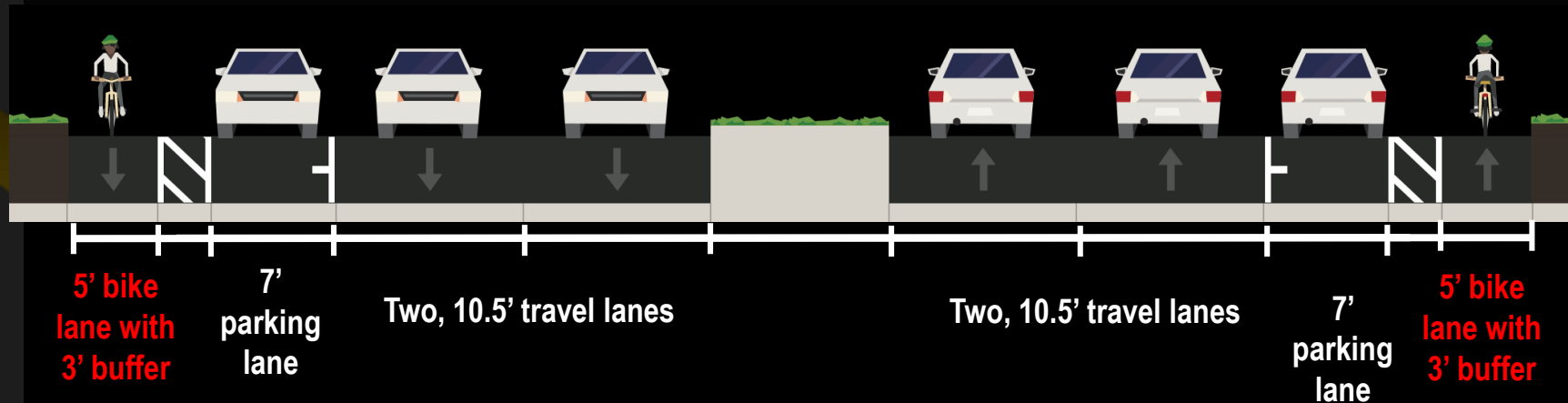
Bicycle Volumes increased over 200% following cycle track implementation on 15th Street in Washington, DC



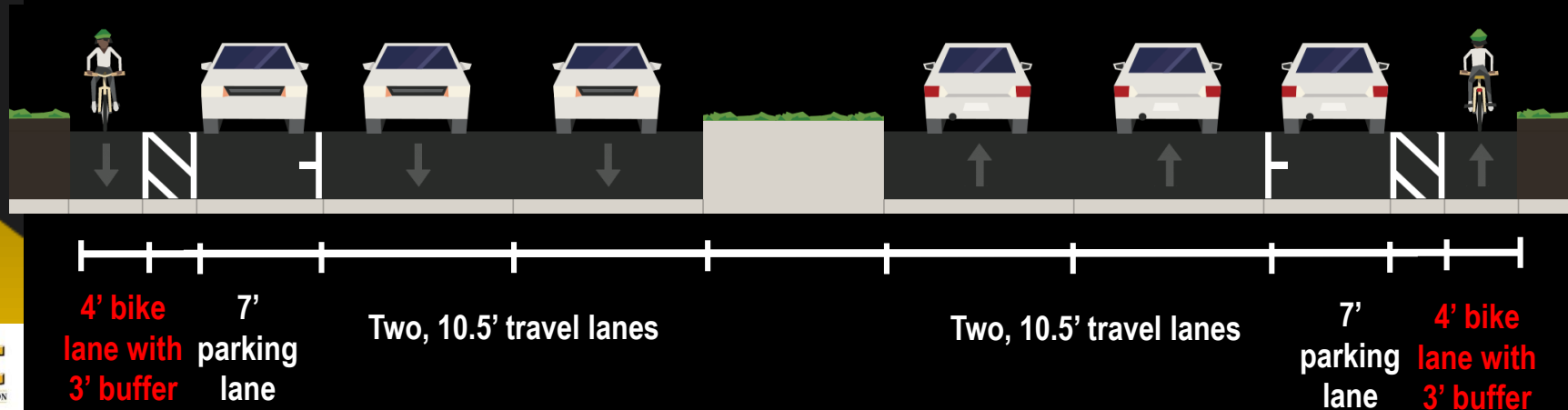
The one-way and two-way cycle tracks were installed in November 2009 and November 2010, respectively.

THE DESIGN – TYPICAL SECTION

BETWEEN VALLEY LANE AND DEEPDENE ROAD

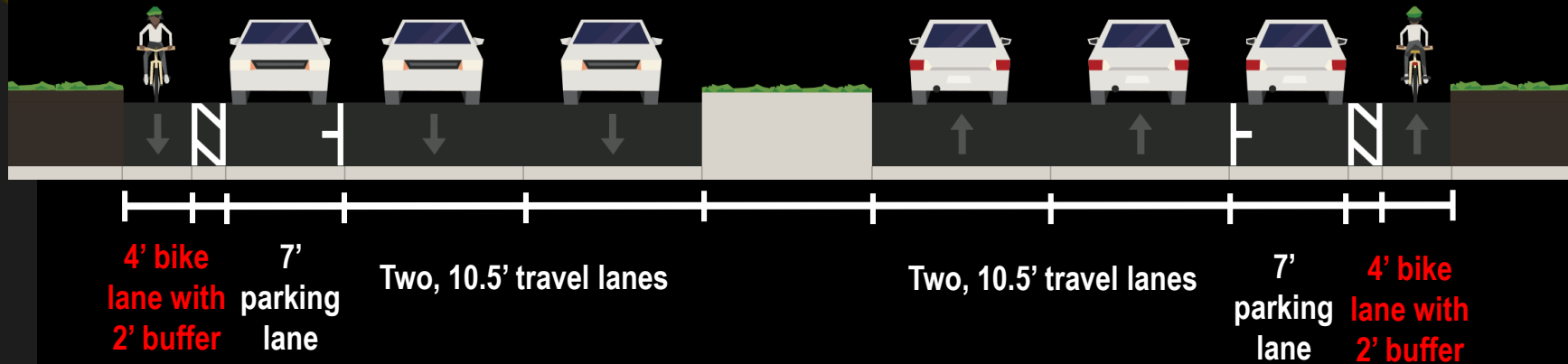


BETWEEN COLDSPRING LANE TO OAKDALE ROAD



THE DESIGN – TYPICAL SECTION

BETWEEN OAKDALE ROAD AND VALLEY LANE & DEEPDENE ROAD AND NORTHERN PARKWAY



HOW WILL I GET OUT OF MY CAR?



MOCK CYCLE TRACK



MOCK CYCLE TRACK – “DOORING” AT THE NARROWEST LOCATIONS



THE DESIGN – SCHOOL PICK UP/DROP OFF



THE DESIGN – DRIVEWAYS AND INTERSECTIONS



Intersections
Cycle Track Transition to Bike Lane

QUESTIONS?

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-or-

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