



DEPARTMENT OF TRANSPORTATION
BALTIMORE CITY

ROLAND AVENUE CYCLE TRACK

Building Innovative Facilities for a Multimodal Future

Baltimore City Department of Transportation

June 11, 2015

OVERVIEW

The Project

Protected Lanes and Why They Are Important

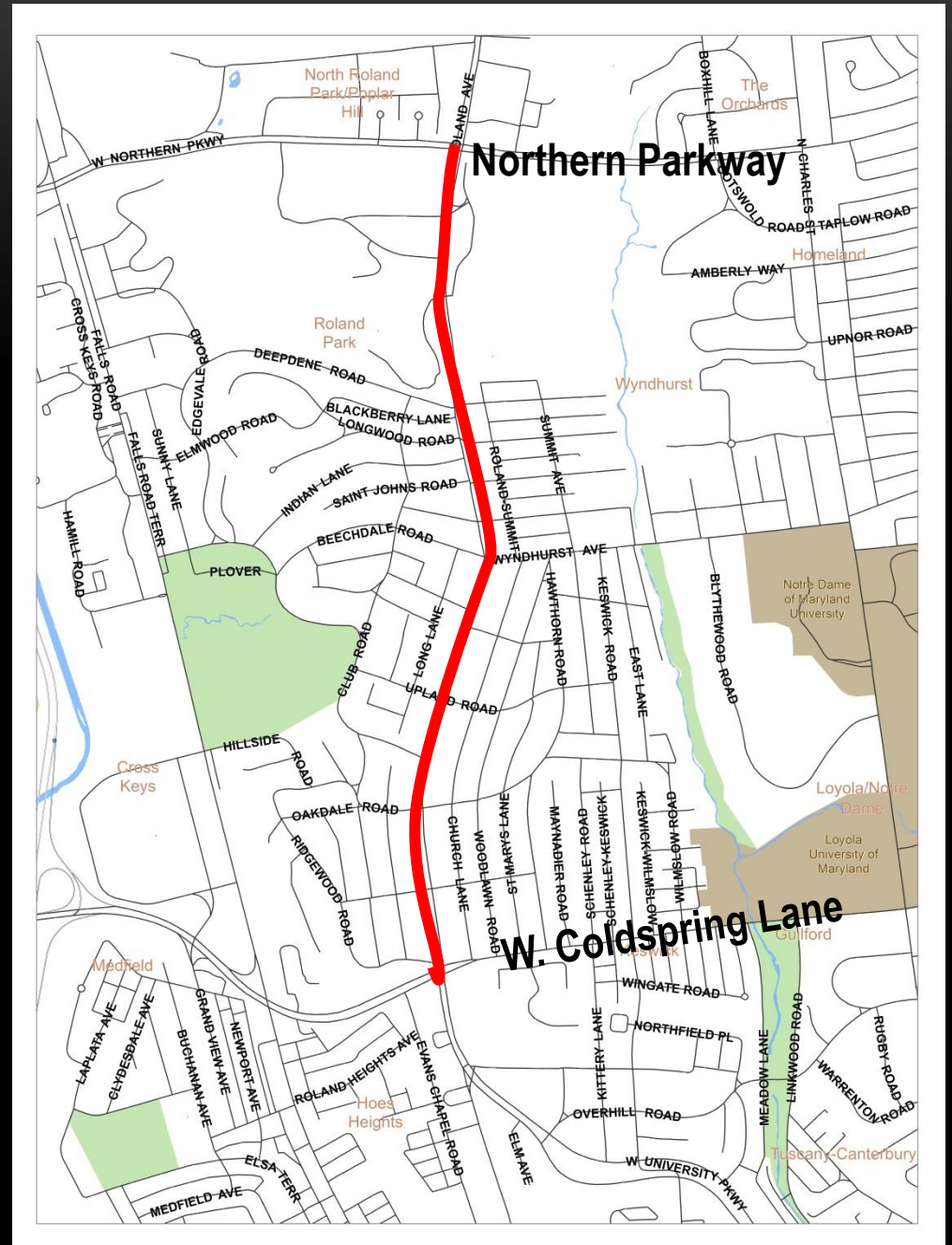
The Design

What to Expect

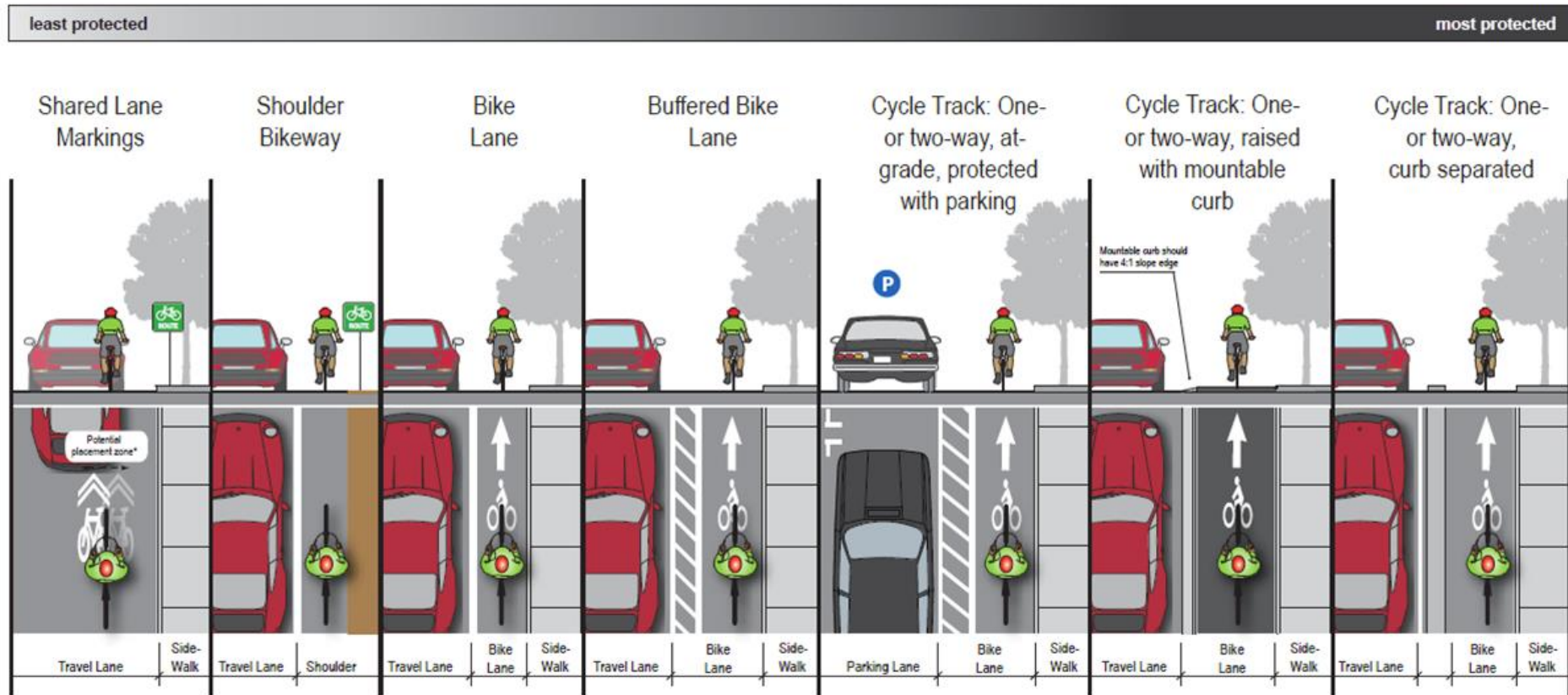
Timeline

THE PROJECT

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

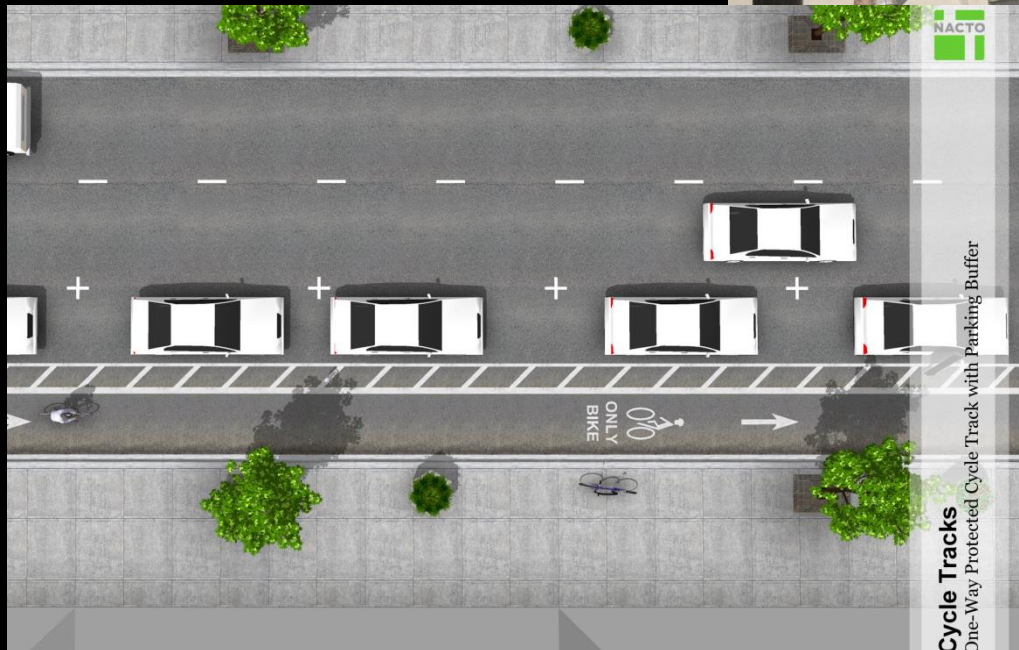


TYPES OF BICYCLE FACILITIES



Source: Alta Planning & Design

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



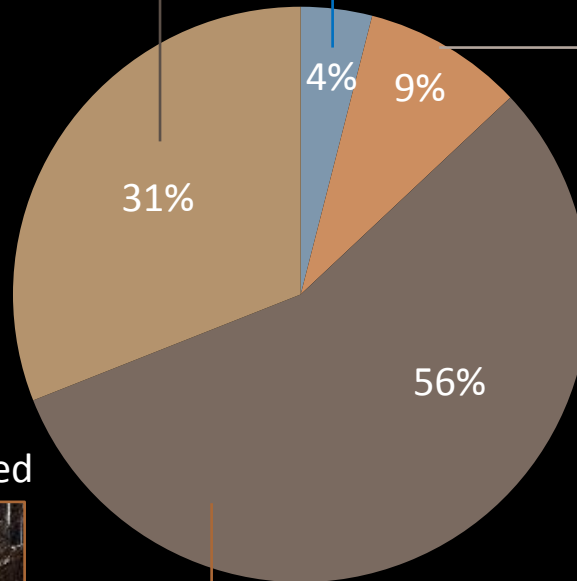
TYPES OF CYCLISTS



No Way, No How



Strong and Fearless



Enthusied and Confident

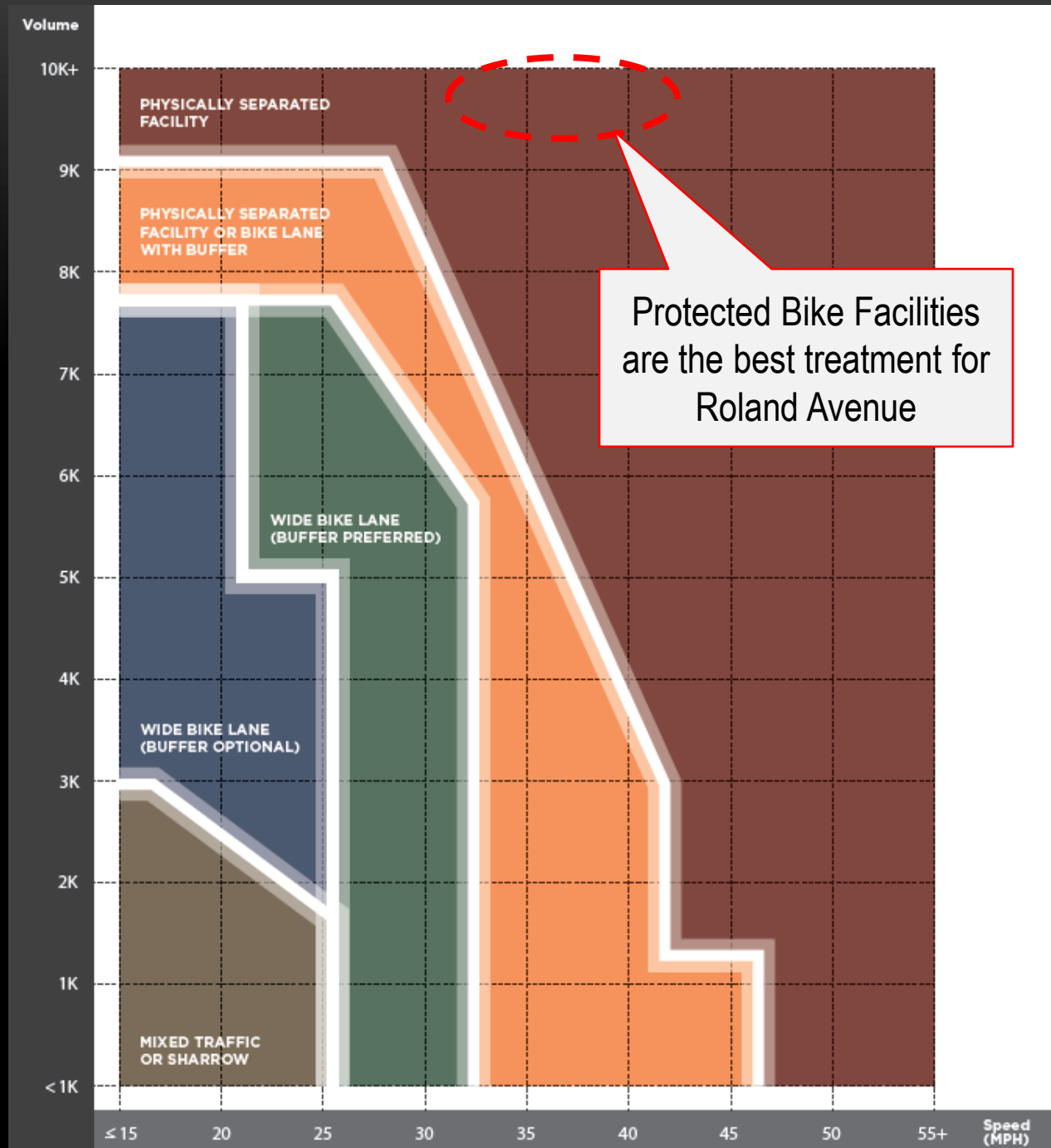
Interested but Concerned



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

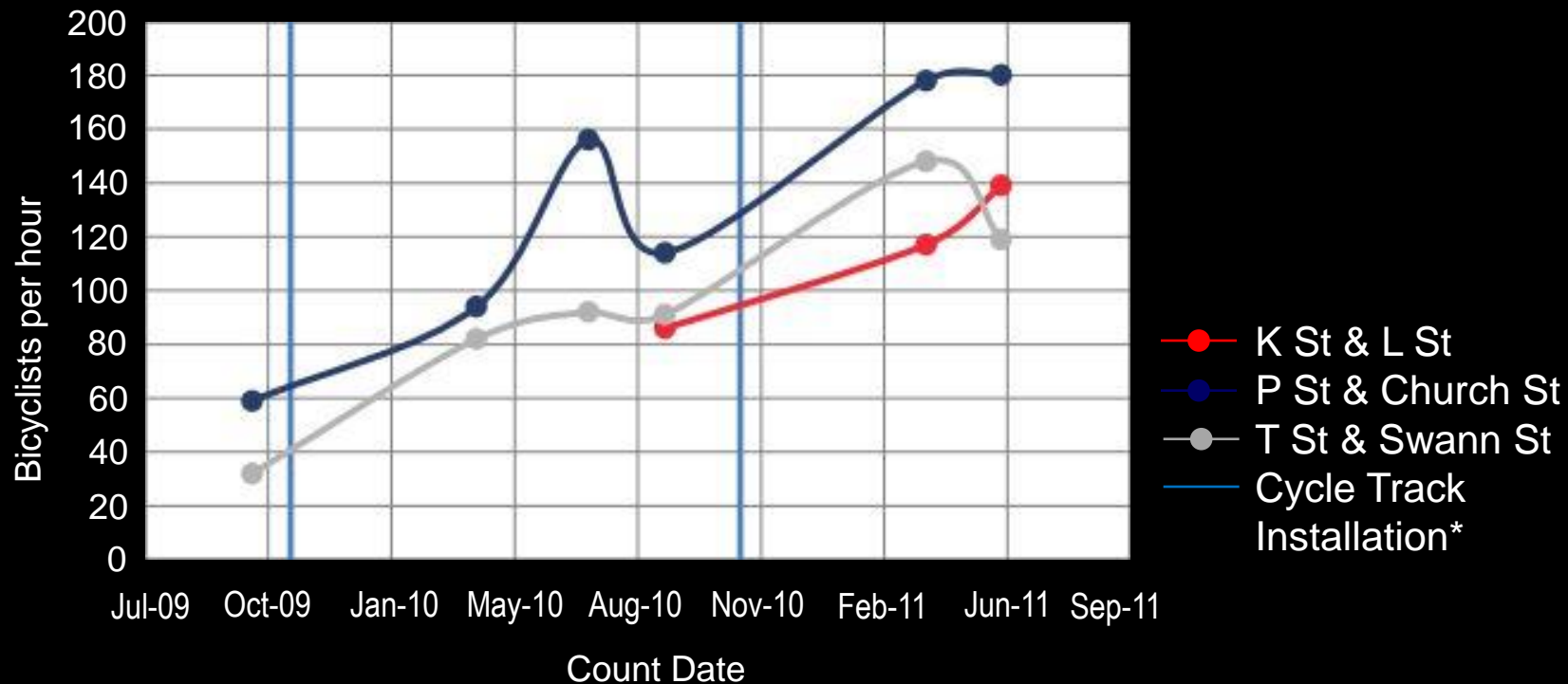


CYCLE TRACKS – THEY'RE NOT A NEW CONCEPT!



IF YOU BUILD IT, THEY WILL COME

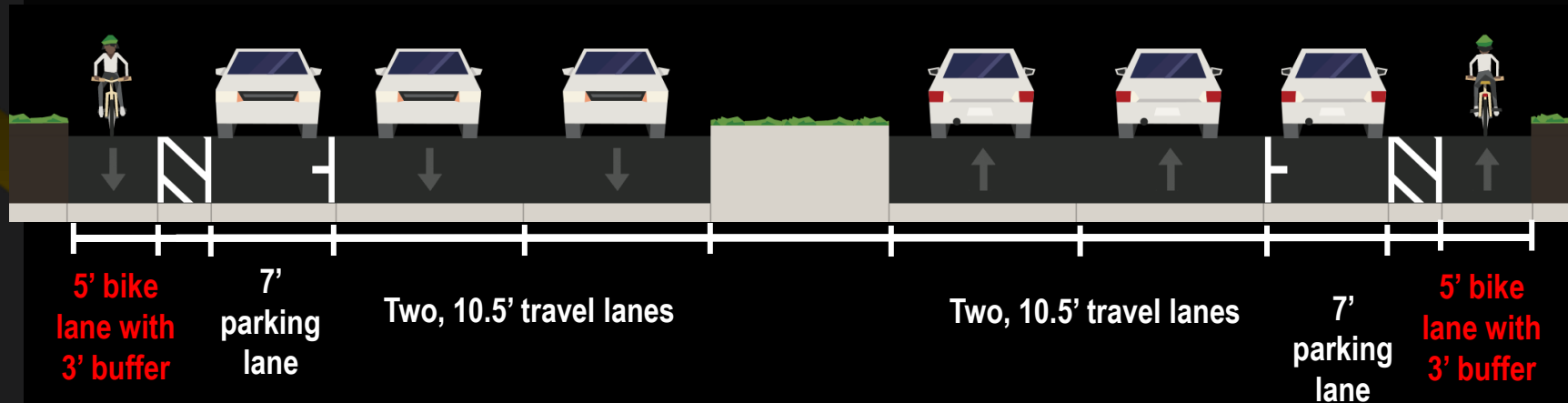
Bicycle Volumes increased over 200% following cycle track implementation on 15th Street in Washington, DC



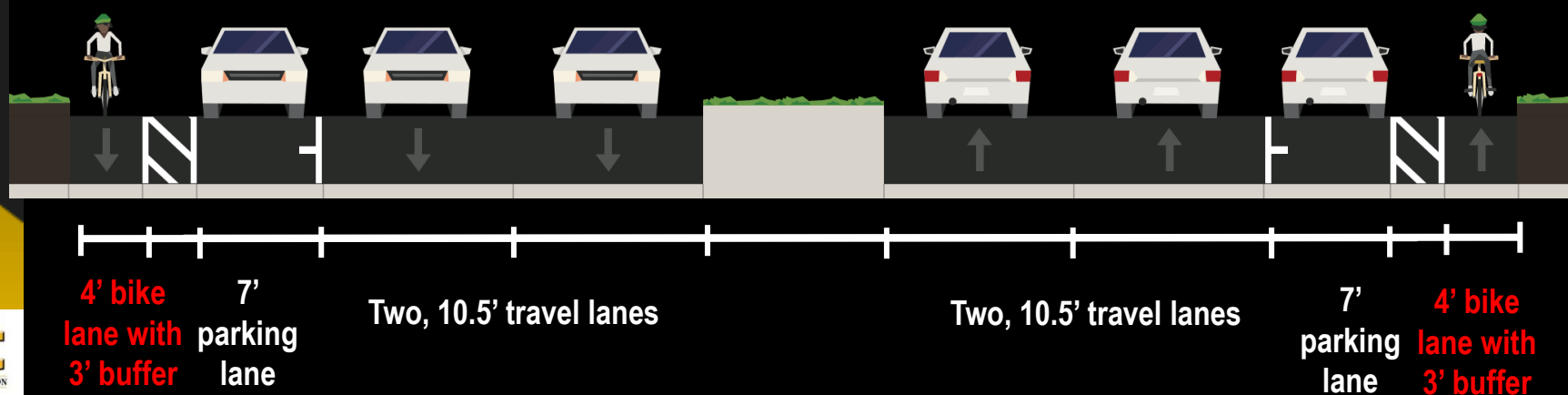
The one-way and two-way cycle tracks were installed in November 2009 and November 2010, respectively.

THE DESIGN – TYPICAL SECTION

BETWEEN VALLEY LANE AND DEEPDENE ROAD

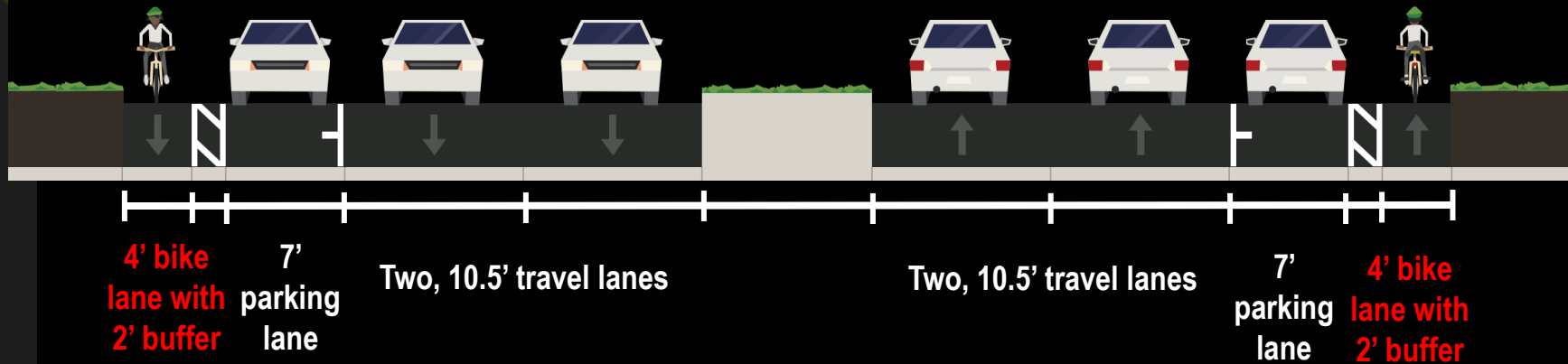


BETWEEN COLDSPRING LANE TO OAKDALE ROAD



THE DESIGN – TYPICAL SECTION

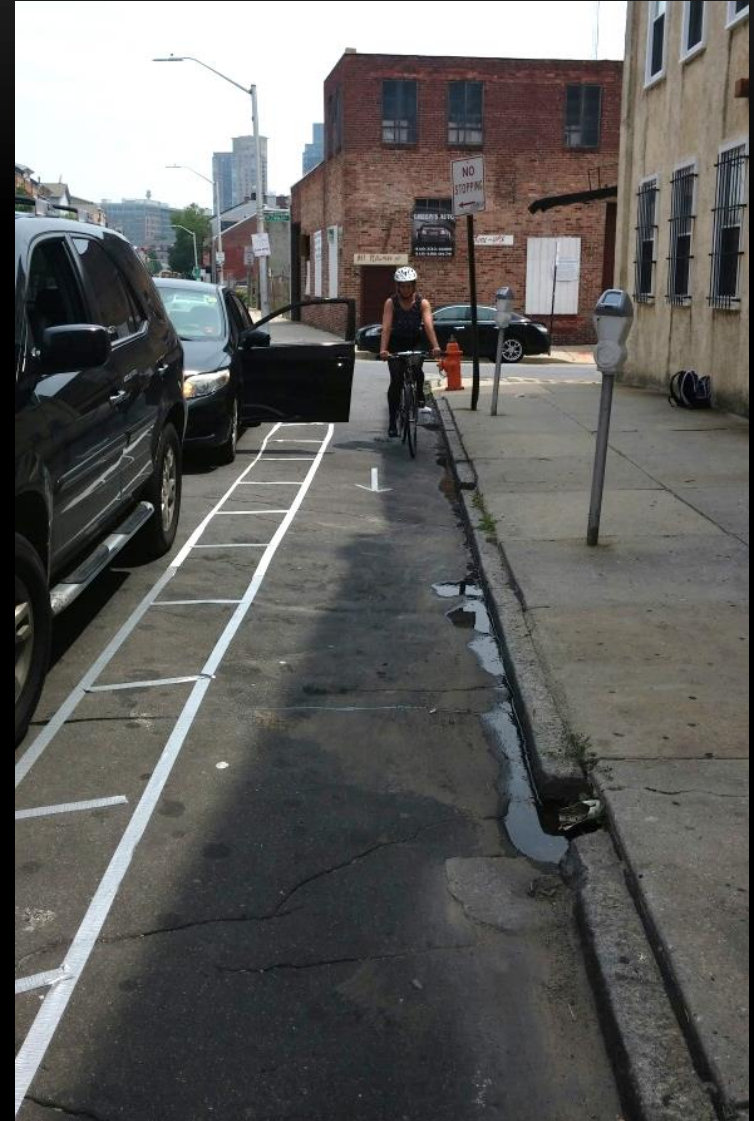
BETWEEN OAKDALE ROAD AND VALLEY LANE & DEEPDENE ROAD AND NORTHERN PARKWAY



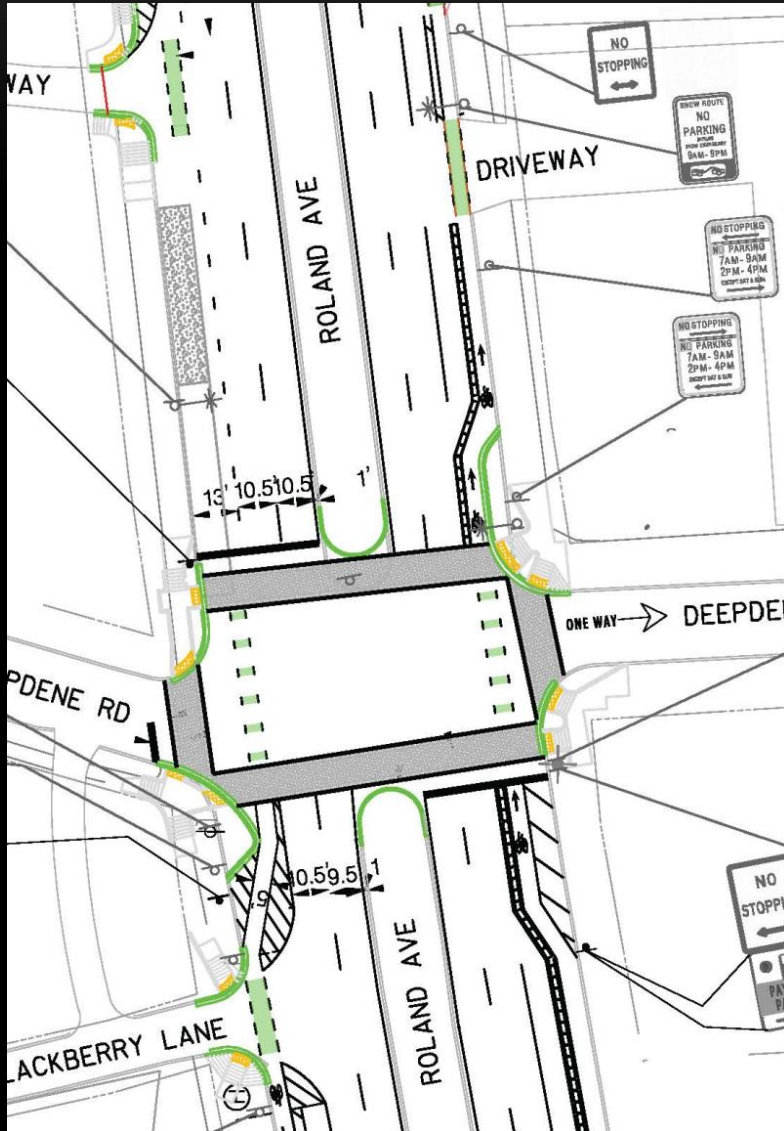
MOCK CYCLE TRACK



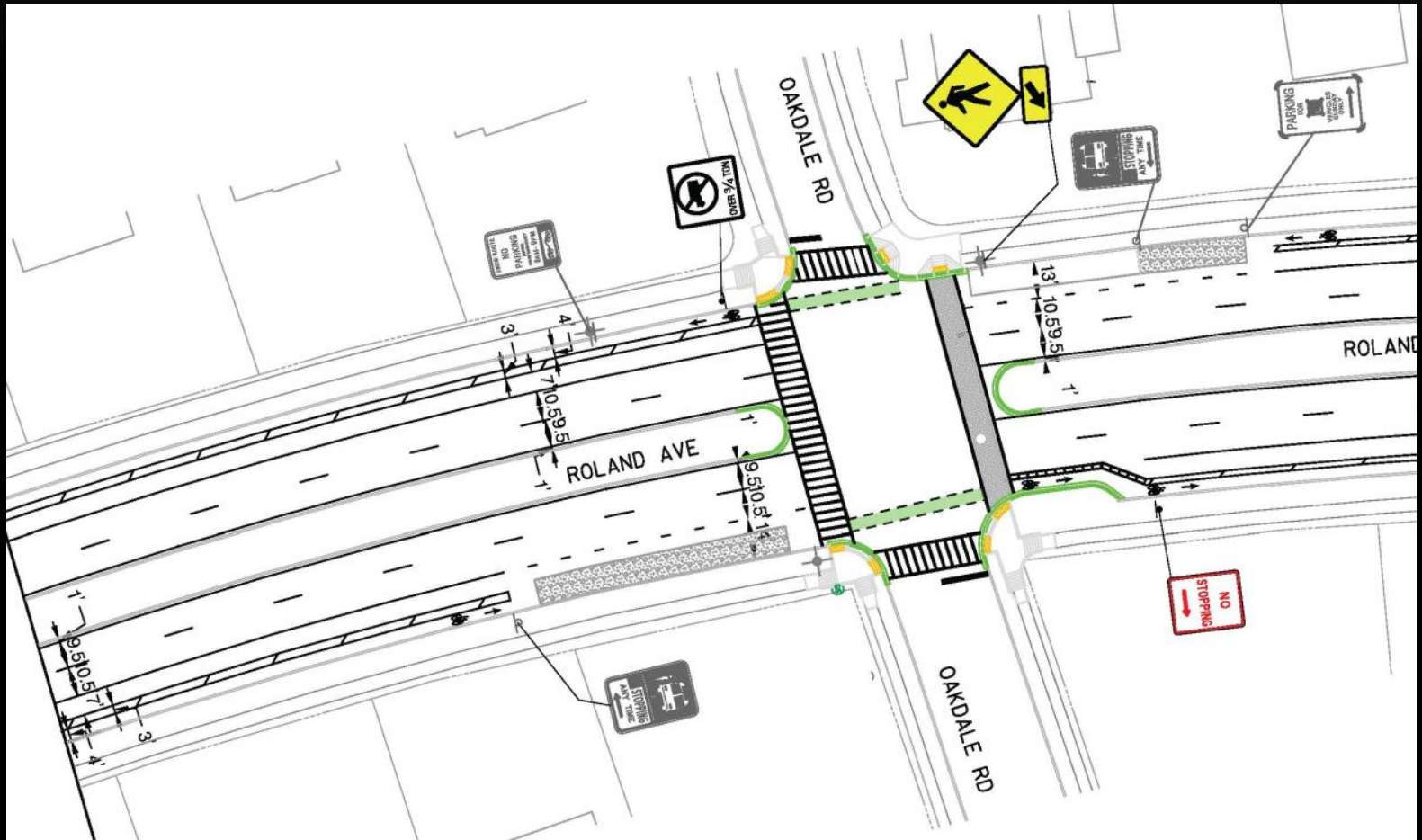
MOCK CYCLE TRACK – “DOORING” AT THE NARROWEST LOCATIONS



THE DESIGN – SCHOOL PICK UP/DROP OFF



THE DESIGN – DRIVEWAYS AND INTERSECTIONS



WHAT CAN YOU EXPECT TO CHANGE? - PARKING

- Minimal parking impacts
- Less than 20 parking spaces removed in the whole project
 - Most parking spaces lost due to bump outs



Room for **More Bicycle Space**

WHAT CAN YOU EXPECT TO CHANGE? – TRAFFIC OPERATIONS

- Maintaining travel lanes minimizes traffic impacts
- Daylighting cycle track makes cyclist more visible to turning vehicles
- Buses stop in mixing lane with bicyclist

PRELIMINARY DESIGN AND CONSTRUCTION TIMELINE



QUESTIONS?

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-or-

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