Business 15-501 Roadway Reconfiguration “Road Diet” Graphics and Visualizations

City of Durham

Transportation Department

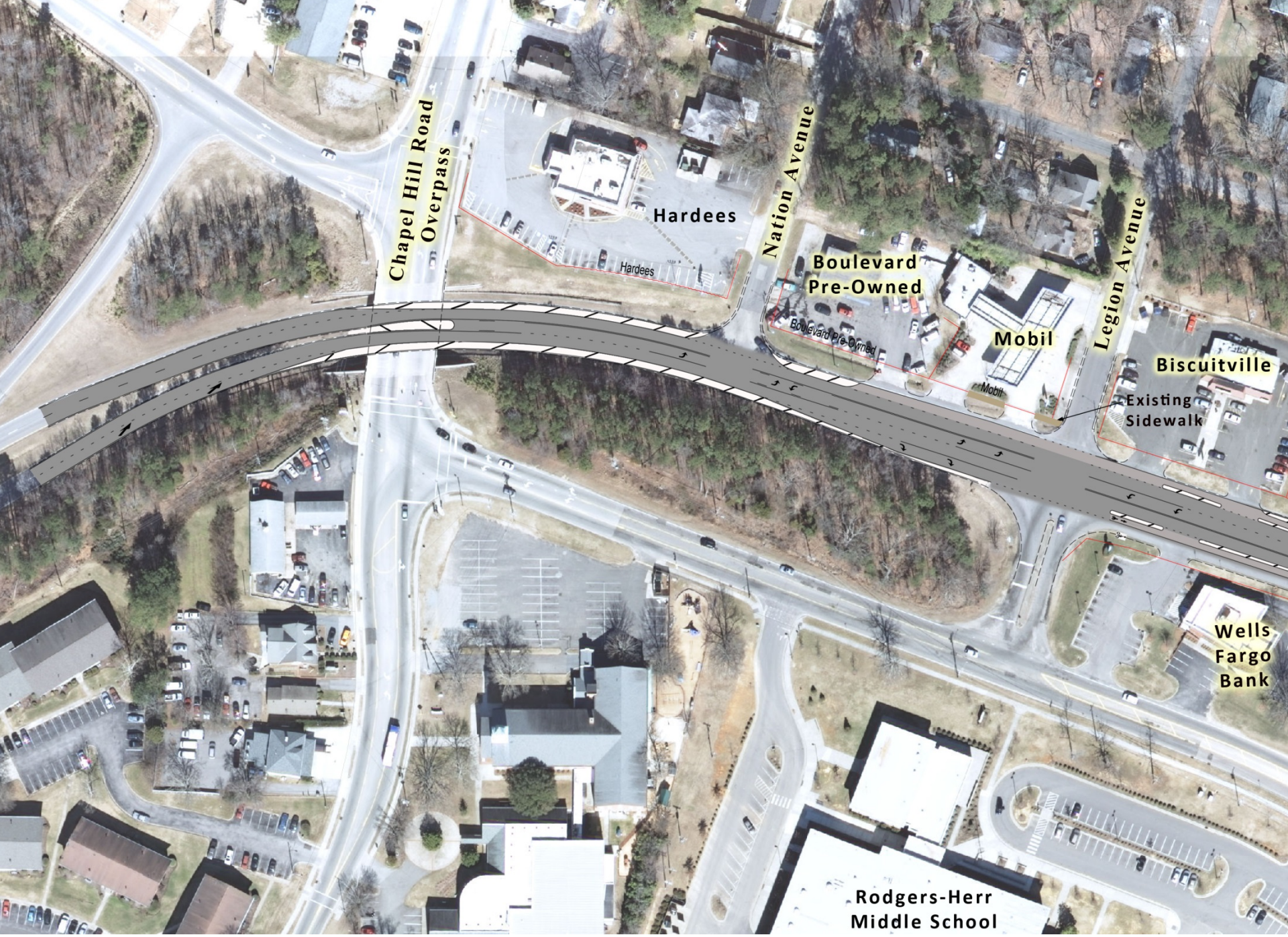
June 15, 2015

15-501 Durham-Chapel Hill Boulevard "Road Diet" Plan

City of Durham Transportation Department
6/15/15

Chapel Hill Boulevard to Legion Avenue

- Road width narrows to slow traffic
- Right and left turning lanes added
- Bike lanes and buffer area established on South and North Side


Chapel Hill Road Overpass
Hardees
Hardees
Nation Avenue
Boulevard Pre-Owned
Boulevard Pre-Owned
Mobil
Mobil
Legion Avenue
Biscuitville
Existing Sidewalk
Wells Fargo Bank
Rodgers-Herr Middle School

Legion Avenue to Hope Valley Road

- Parking added
- Bike lanes and buffer area continue
- Center turning lane added
- Bus stops introduced

Legion Avenue
Biscuitville
Existing Sidewalk
RTP Auto Sales
The Refectory Cafe
Guglhuph's Book Harvest Rare Earth Bead
Foster's Market
Carolina Outreach
Bus Stop
1
2
2
4
5
6
Wells Fargo Bank
Bus Stop
Friendly Jewelry and Pawn
Pennies For Change
M&F Bank
Hope Valley Road
Bano Botique Patina
BP Family Fare
Bus Stop
Blvd Car Wash
-Bill and Robin's Hair Salon
-Southern Real Estate
-John O Wardsworth, DS

Hope Valley Road to Midvale Road

- Bike lanes and buffer area continue
- Parking areas added
- Center turn lanes added

Grapevine
Print and Design
M&F
Bank
Corporate
Center
Midvale Road
Vacant Lot
Bus
Stop
Carolina
Outreach
Existing
Sidewalk
6
Carz
Auto Sales
Jiffy
Lube
National
Pawn
Existing
Sidewalk
Kamiya
Furniture Gallery
Hair by Design
Down Under Gallery
Chelsea
Antiques
Durham
Carpet
Templo
de le
Alabanza
Shrimp
Boats
Classic
Treasures
Consignments
Bus
Stop
Existing
Sidewalk
Blvd
Car Wash

James Street to University Drive

- “Sharrows” (bike and car share the lane symbols) added on North side and bike lane and buffer established.
- Bike lane on South side merges with turning lane.
- Turning lanes established

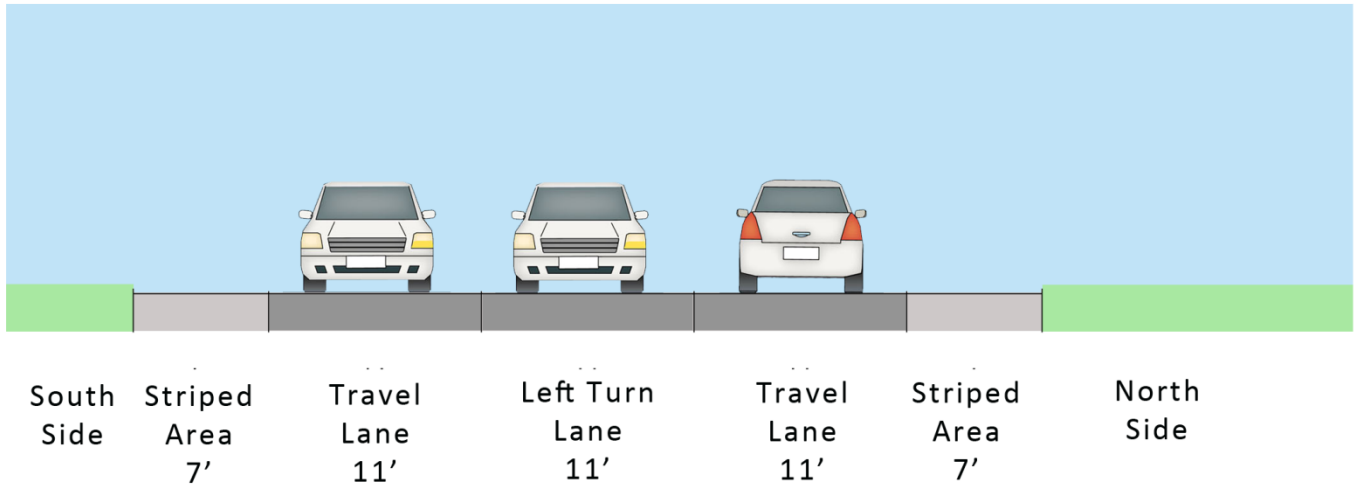
ine
Design
BP
Family Fare
James Street
Bus
Stop
University Drive
Subway
The
Q Shack
Happy China
GTI
Auto
Exchange
Jiffy
Lube
Carz
to Sales
Existing
Sidewalk

Street Section A

15-501 at Nation Avenue

Three travel lanes and striped areas

Chapel Hill Road Overpass
Hardees
Hardees
Nation Avenue
Boulevard Pre-Owned
Boulevard Pre-Owned
Mobil
Mobil
Legion Avenue
Street Section A

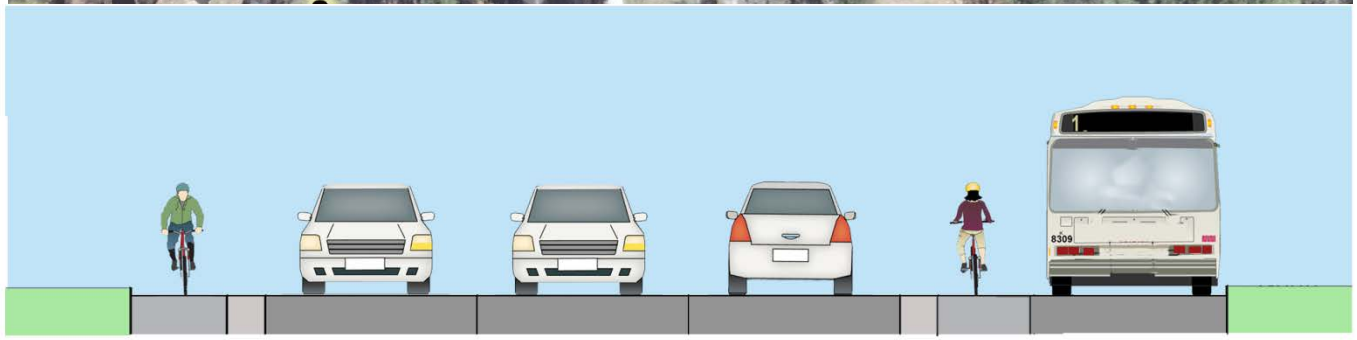

South Side
Striped Area 7'
Travel Lane 11'
Left Turn Lane 11'
Travel Lane 11'
Striped Area 7'
North Side

Street Section B

15-501 near Hope Valley Road

Three travel lanes, two bike lanes with buffer and bus lane

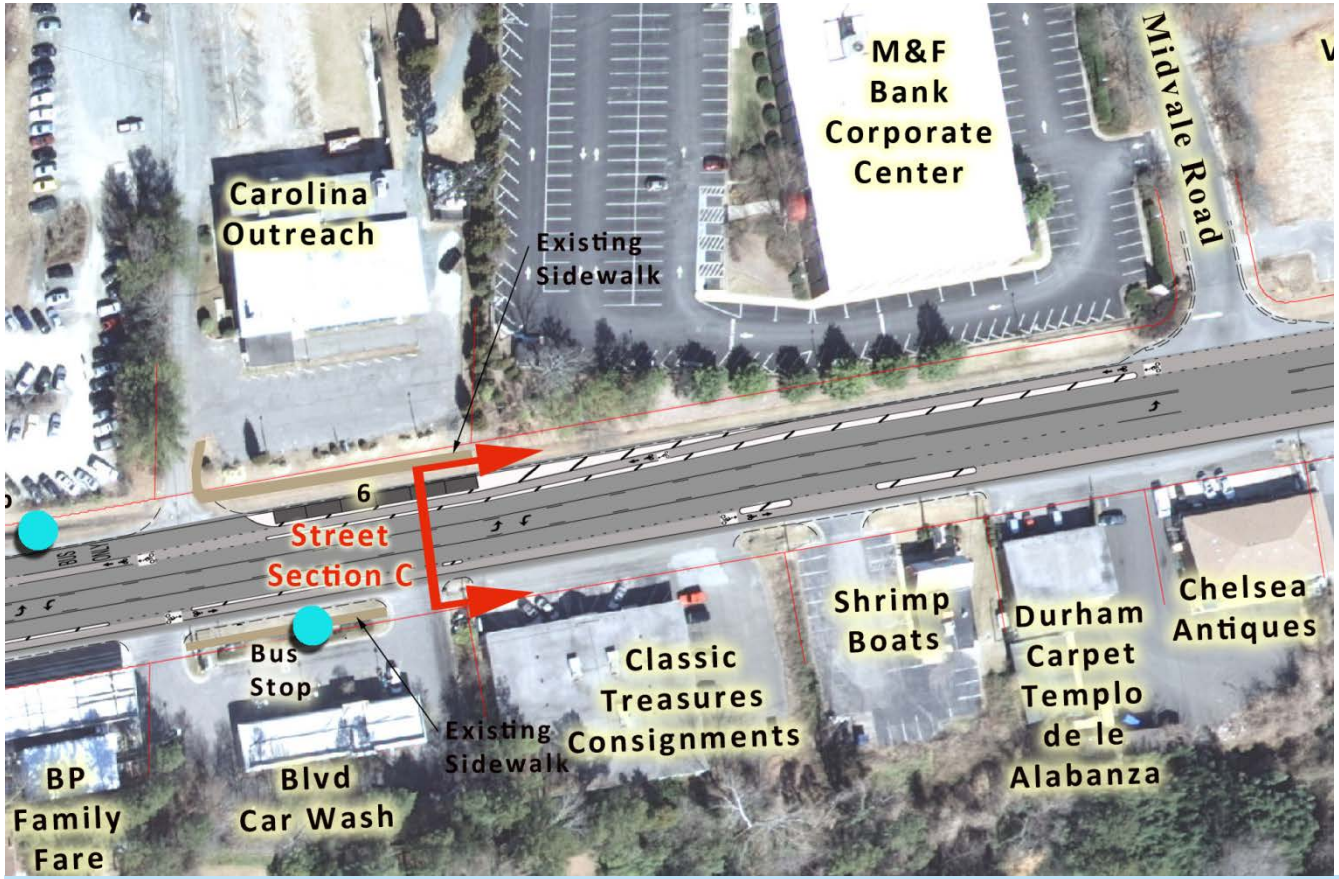
Carolina
Outreach
Existing
Sidewalk
Foster's
Market
Guglhuph's
Book Harvest
Rare Earth Bead
Bus
Stop
6
5
4
Street
Section B
Bus
Stop
Existing
Sidewalk
Clas
Treas
Consigr
M&F
Bank
Hope Valley Roa
Bano Botique
Patina
BP
Family
Fare
Blvd
Car Wash

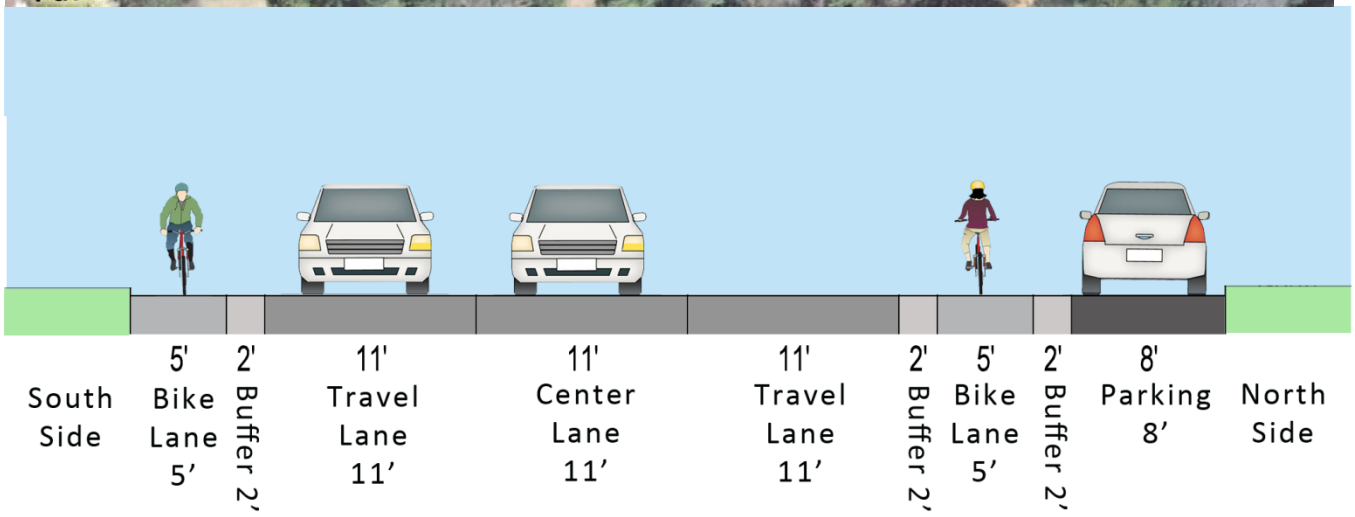

South
Side
Bike
Lane
5'
Buffer 2'
Travel
Lane
11'
Center
Lane
11'
Travel
Lane
11'
Buffer 2'
Bike
Lane
5'
Bus
Stop
10'
North
Side

Street Section C

15-501 near Midvale Road

Three travel lanes, two bike lanes with buffer and parking

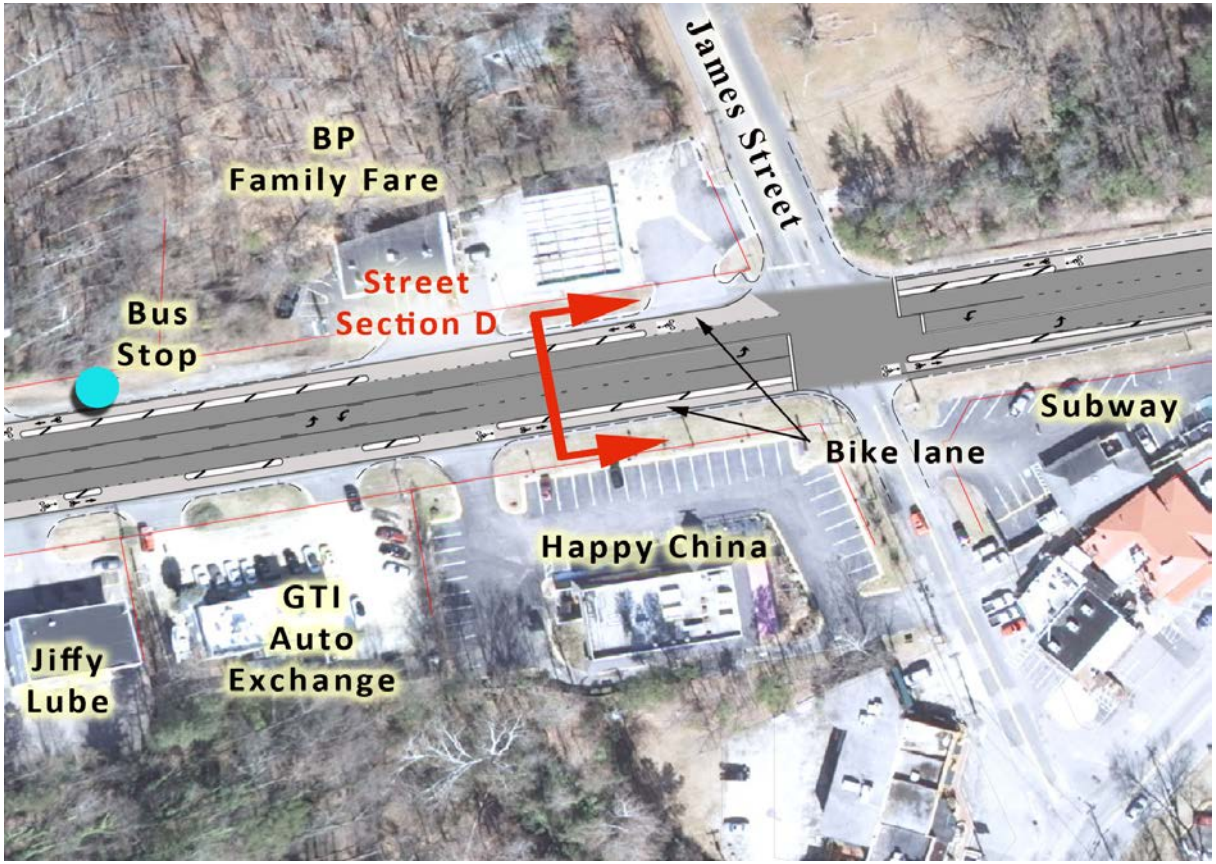

M&F
Bank
Corporate
Center
Midvale Road
Carolina
Outreach
Existing
Sidewalk
6
Street
Section C
Bus
Stop
Existing
Sidewalk
Classic
Treasures
Consignments
Shrimp
Boats
Durham
Carpet
Templo
de le
Alabanza
Chelsea
Antiques
BP
Family
Fare
Blvd
Car Wash

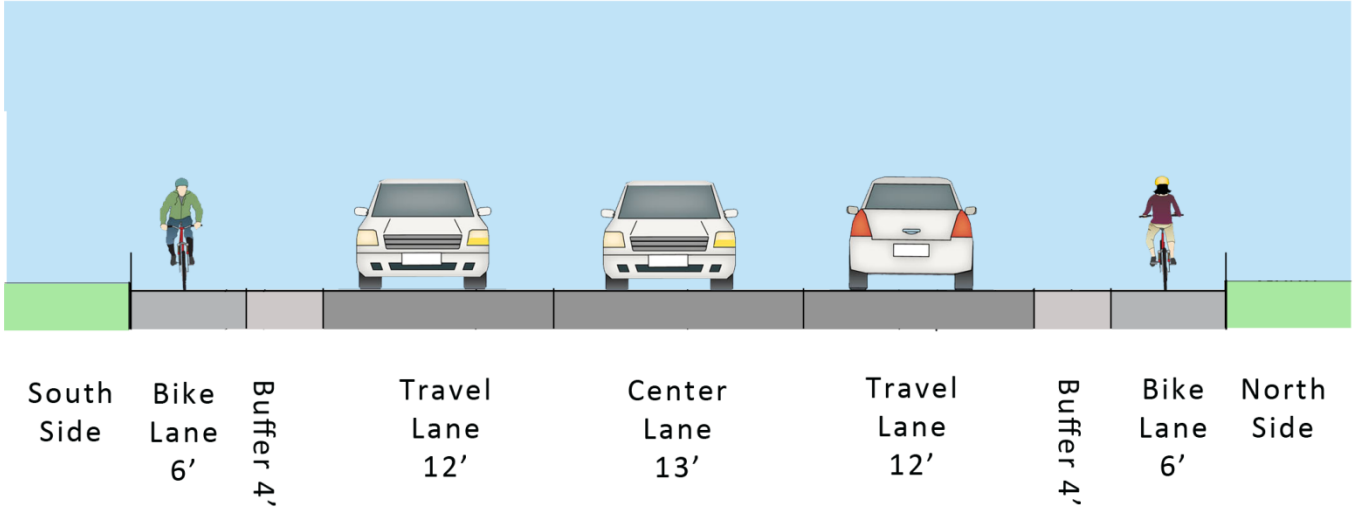

South
Side
5'
Bike
Lane
5'
2'
Buffer 2'
11'
Travel
Lane
11'
11'
Center
Lane
11'
11'
Travel
Lane
11'
2'
Buffer 2'
5'
Bike
Lane
5'
2'
Buffer 2'
8'
Parking
8'
North
Side

Street Section D

15-501 near Midvale Road

Three travel lanes, two bike lanes with buffer


James Street
BP
Family Fare
Street
Section D
Bus
Stop
Subway
Bike lane
Happy China
GTI
Auto
Exchange
Jiffy
Lube


South
Side
Bike
Lane
6'
Buffer 4'
Travel
Lane
12'
Center
Lane
13'
Travel
Lane
12'
Buffer 4'
Bike
Lane
6'
North
Side

Visualizations of Street

Existing Business 15-501

Proposed Business 15-501

Existing Business 15-501

Proposed Business 15-501