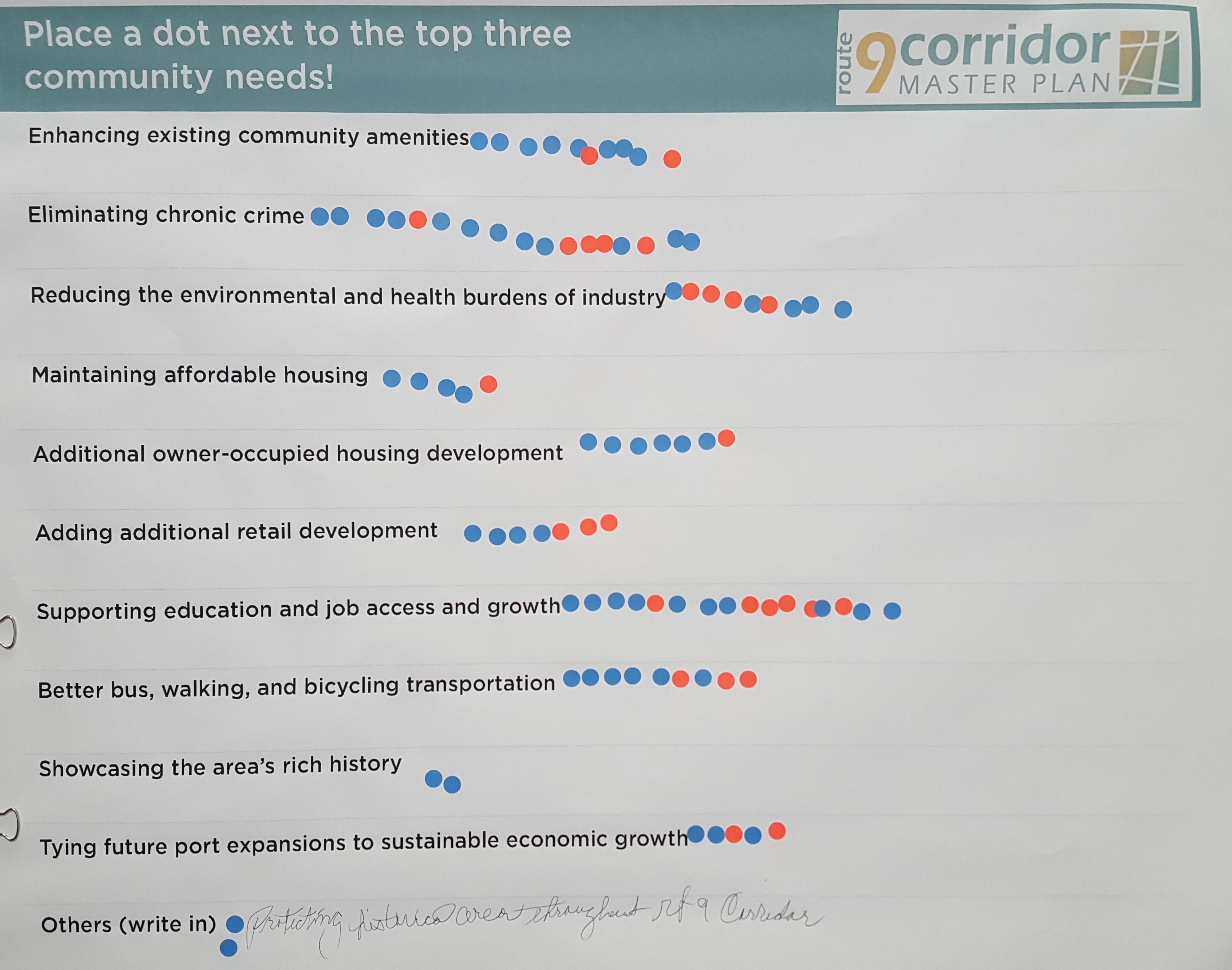
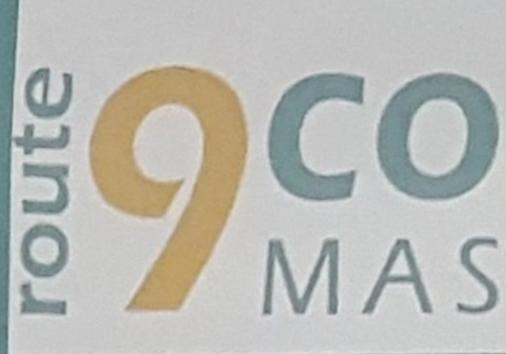
Please, show us where you live, work, and/or play.





community needs!

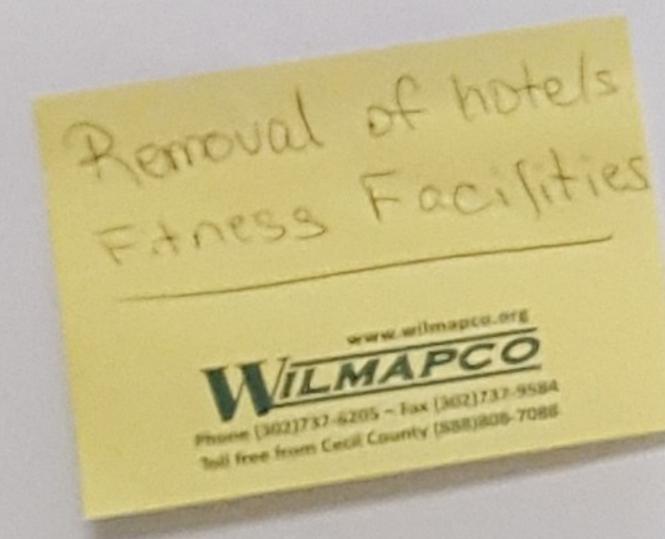


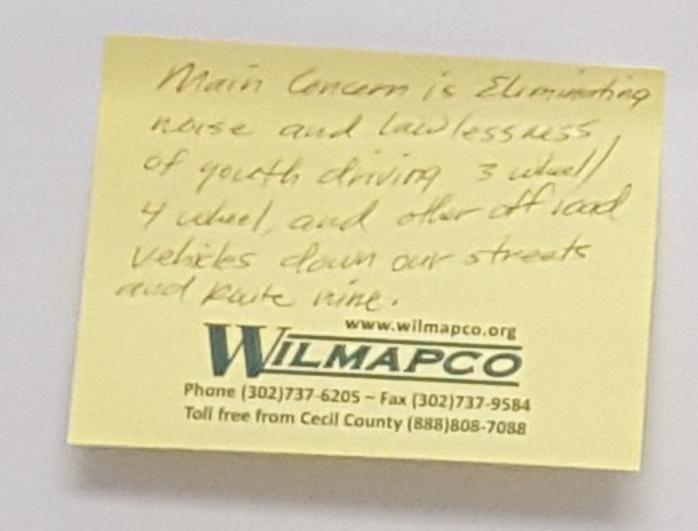


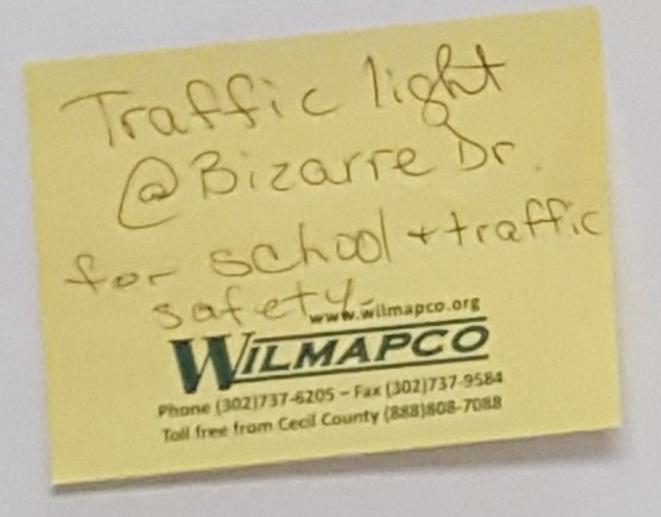


Vision Statement

Please share your thoughts or concerns about the vision statement on a sticky note.

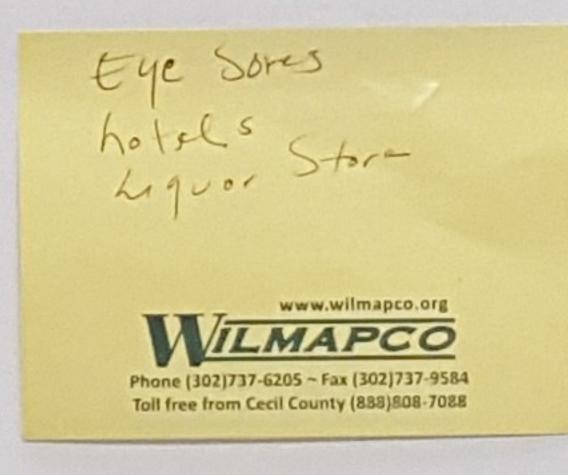




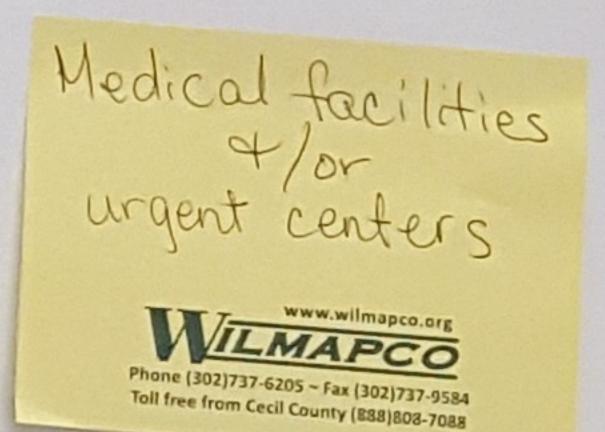


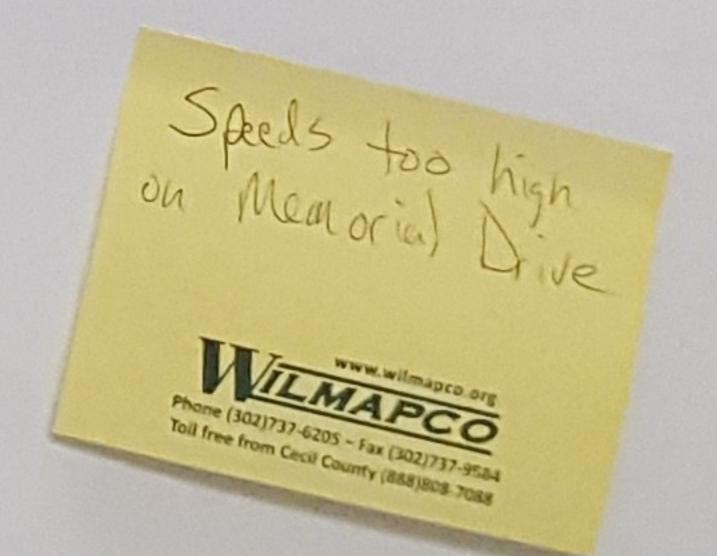


The Route 9 Corridor Master Plan will identify the best reinvestment and redevelopment strategies for the Route 9 Corridor between the City of Wilmington and the City of New Castle.



Sources and the second second





Development + Zoning

Bridging Barriers

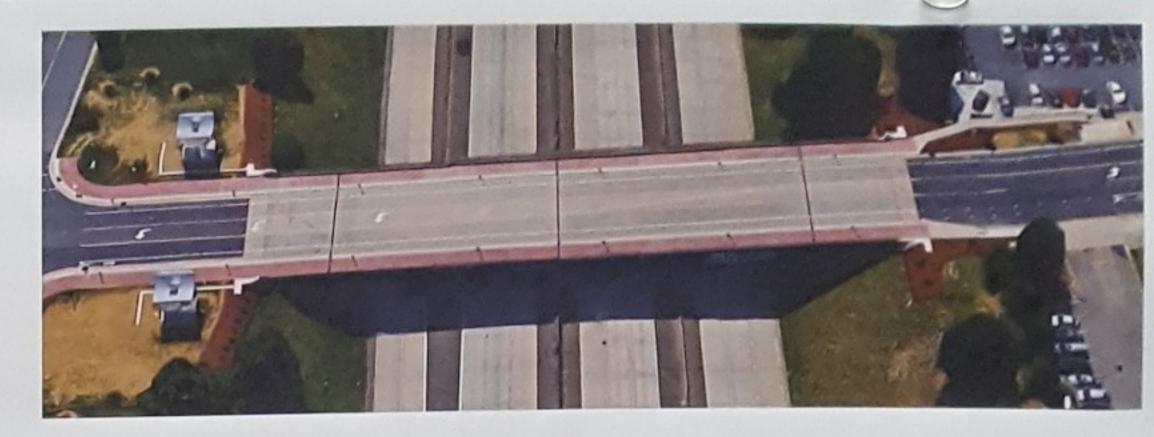
Community Needs:

 Better access to and between pedestrian, bicycle, and bus routes

Solutions:

- Create clear and safe pedestrian and bicycle links
- Provide strong connections between neighborhoods and corridor amenities/ destinations

Neighborhood Neighborhood Neighborhood Neighborhood 1-295 Neighborhood Neighborhood



TITAT



Credit: google.com; playscapes.com; twincitiesdailyphoto.com



Nodes

 Create identifiable centers at strategic locations that are easily accessible

- Cluster development to achieve economic efficiency and spur re-investment
- Make each node compact and walkable:
 - 1/4-mile (5-minute) walking radius
 - 1/2-mile (10-minute) walking radius

Mix of Uses

- Provide a wide-range of uses including retail, office, and residential to serve the needs of all community residents, visitors, business owners, and employees
- Encourage compact development; Reduce distances between homes, workplaces, businesses, and other services and destinations
- Promote walkability, bicyling,



and increased access to transit

- Inspire better healthy living: Provide access to fresh, healthy foods and opportunities for recreation
- Create stronger neighborhood character and sense of place



Credit: ouruptown.com, indyculturaltrail.org, fairbaven.com, thenownewspaper.com; Craig Shipp





Overview - Planning Principles

Development + Zoning





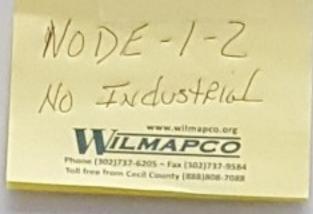
Existing Conditions showing Proposed Nodes/Centers



250 0



Development + Zoning



MIXED-USE -DEVELOPMENT IN NODE 1+2-NO MORE INDUSTRIAL!

www.wilmapco.org WILMAPCO Phone (302)737-6205 ~ Fax (302)737-9584 Toil free from Cecil County (588)808-7088 Alman honsing no noundabait fewer metele Willmapco.org Phone (202)737.4205 - Fax (202)737.9584 Tail free from Cecil County (828)(808-7088 39

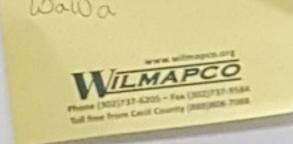
more restaurants Sel information centar



maple Are Osimonds Gardens

> WWW.wilmapco.org Wilmapco.org Phone (302)737-6205 - Fax (302)737-9584 Tail free from Cecil County (383)8058-7088

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School Jane Back of William Ponn

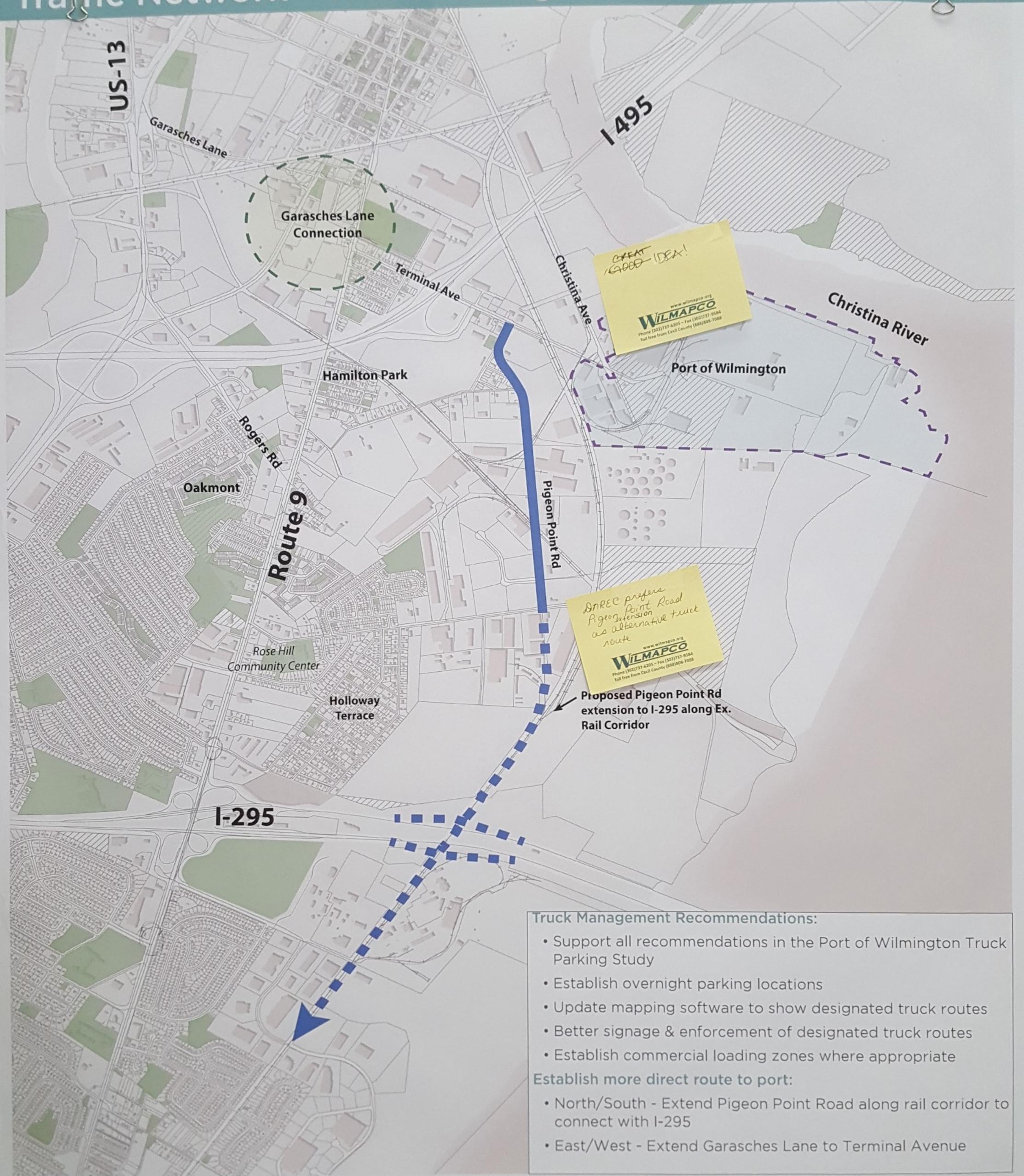


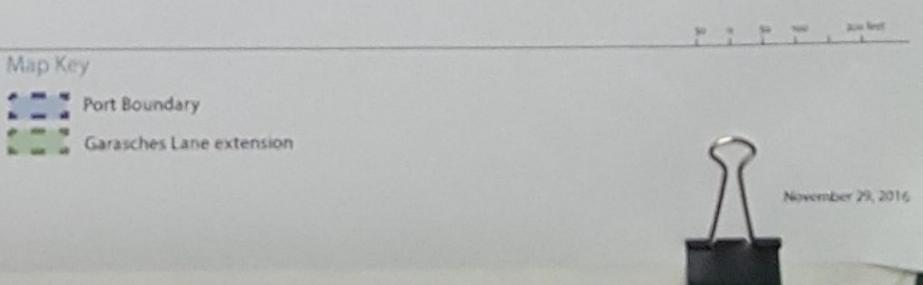
Decomposition 30, 10,000.



Traffic Network - Truck Management

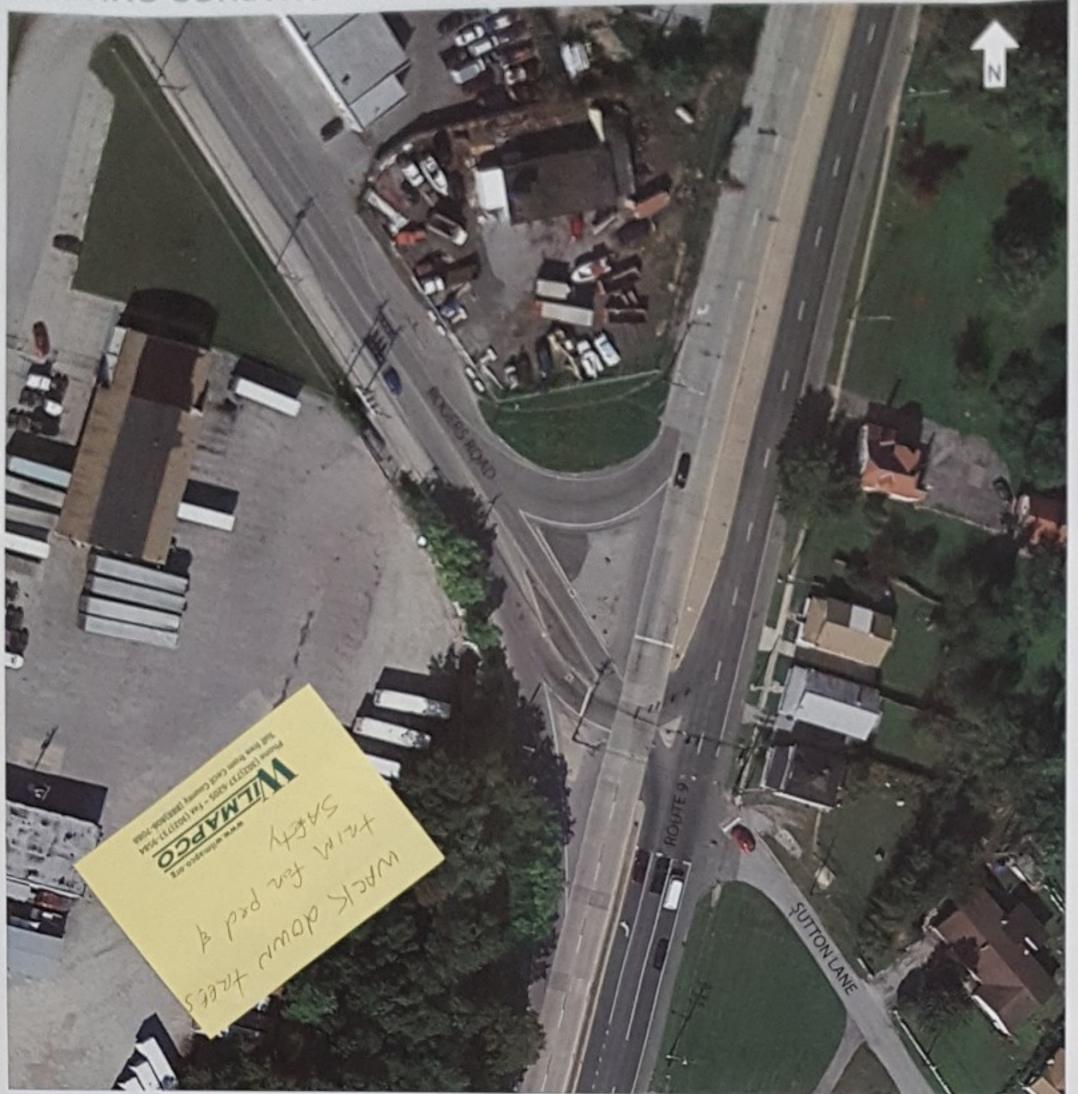
idor Hi





Intersection Design: Rogers Road

EXISTING CONDITIONS: ROGERS ROAD



PROPOSED CONDITIONS: ROGERS ROAD



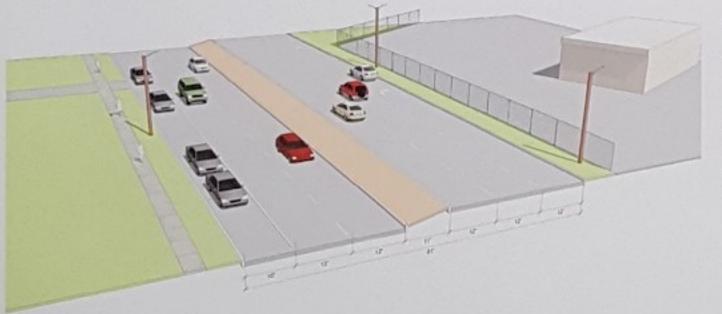
NOTE: DELDOT'S ROADWAY MAINTENANCE PROGRAM DOES NOT INCLUDE STREET TREES, SO THERE WOULD NEED TO BE A MAINTENANCE AGREEMENT WITH A NON-DELDOT ENTITY.

Traffic Analysis Summary

- Converting this intersection to two staggered T-intersections with a signal at Rogers Road and stop signs on Sutton Lane at Route 9
- Route 9 at Rogers Road needs one through northbound lane and one westbound turn-lane for projected 2036 traffic volumes

Rogers Road Cross Section Alternatives

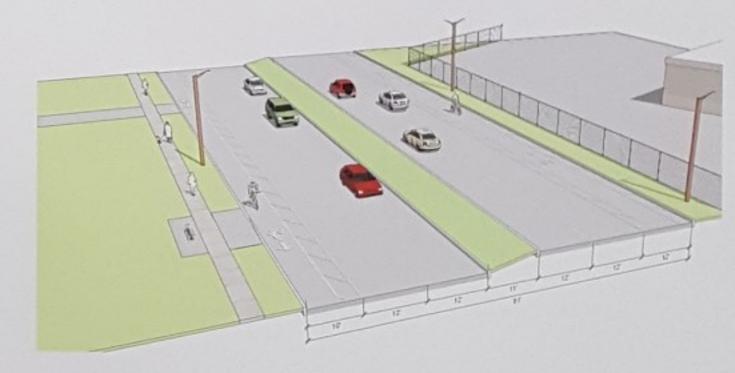
EXISTING SITE CONDITIONS



SITE FEATURES:

- UNCOMFORTABLE PEDESTRIAN & BICYCLE ENVIRONMENT
- LIMITED LIGHTING & PLANTINGS SIDEWALK ON WEST SIDE OF ROUTE 9
- ONLY
- OBSTACLES IN SIDEWALK 2 NORTHBOUND AND 2 SOUTHBOUND
- TRAVEL LANES
- TURN LANES BREAKDOWN/PARKING SHOULDER

SCENARIO 1

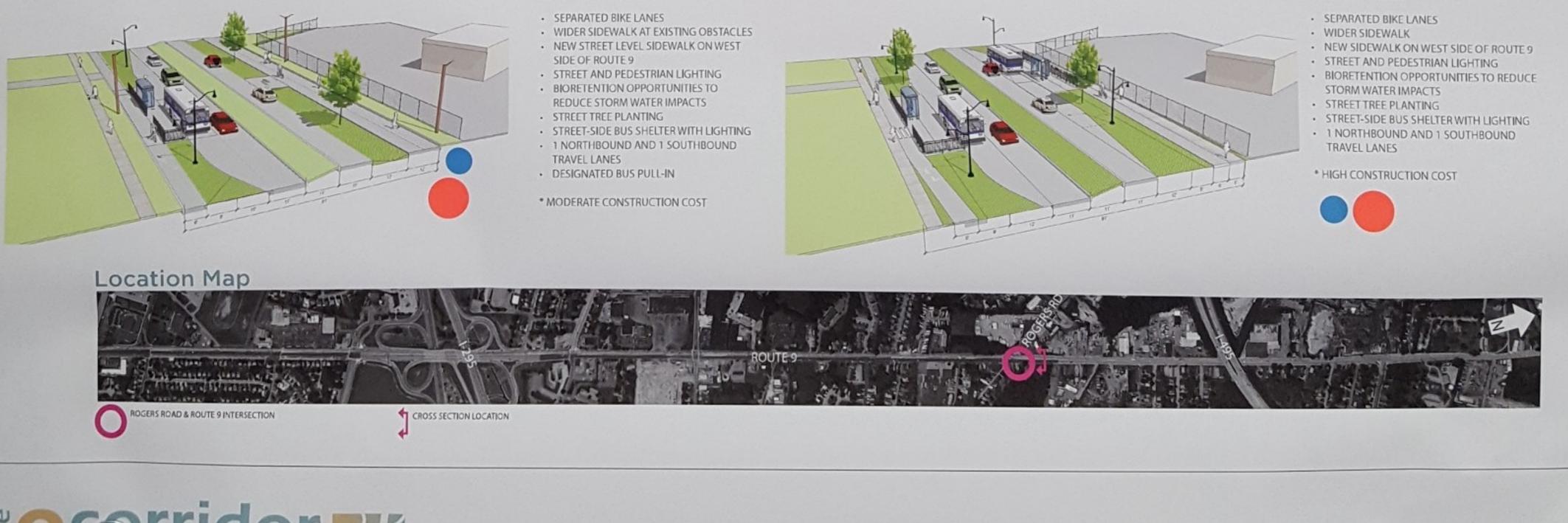


SITE FEATURES:

- BUFFERED BIKE LANES
- WIDER SIDEWALK AT EXISTING OBSTACLES
- IMPROVED BUS STOP FACILITIES
- 2 NORTHBOUND AND 2 SOUTHBOUND TRAVELLANE
- RIGHT TURN LANE
- BREAKDOWN/PARKING SHOULDER
- NO IMPACTS TO EXISTING INFRASTRUCTURE & UTILITIES

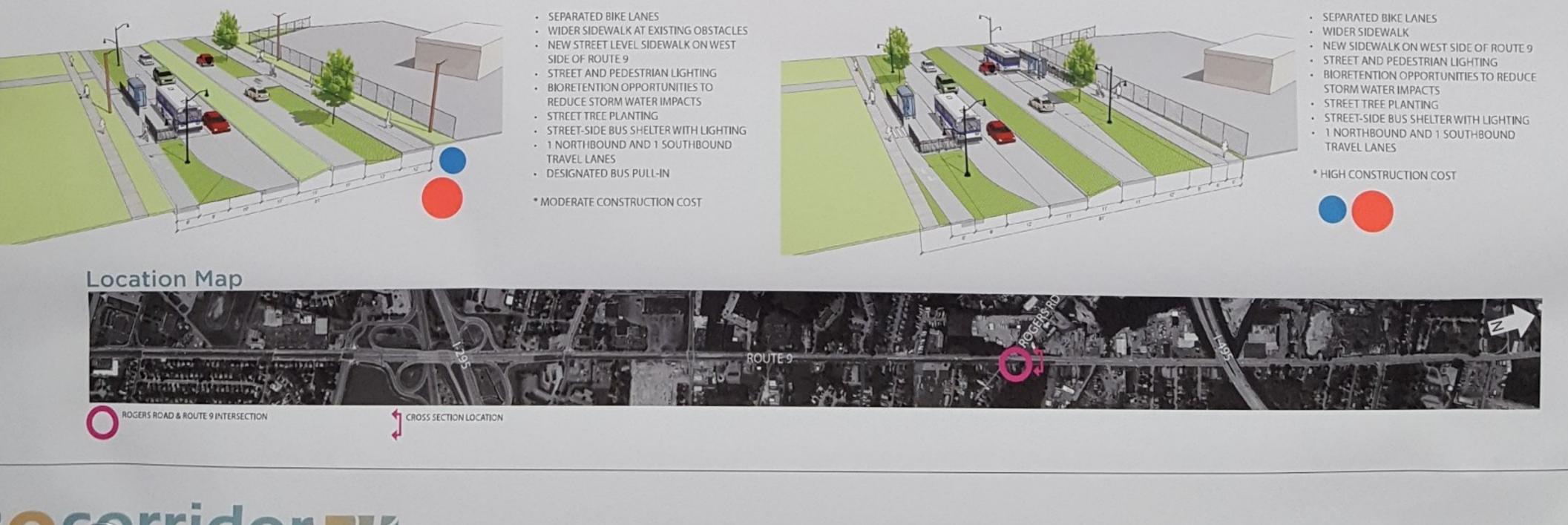
* LOW CONSTRUCTION COST

SCENARIO 2



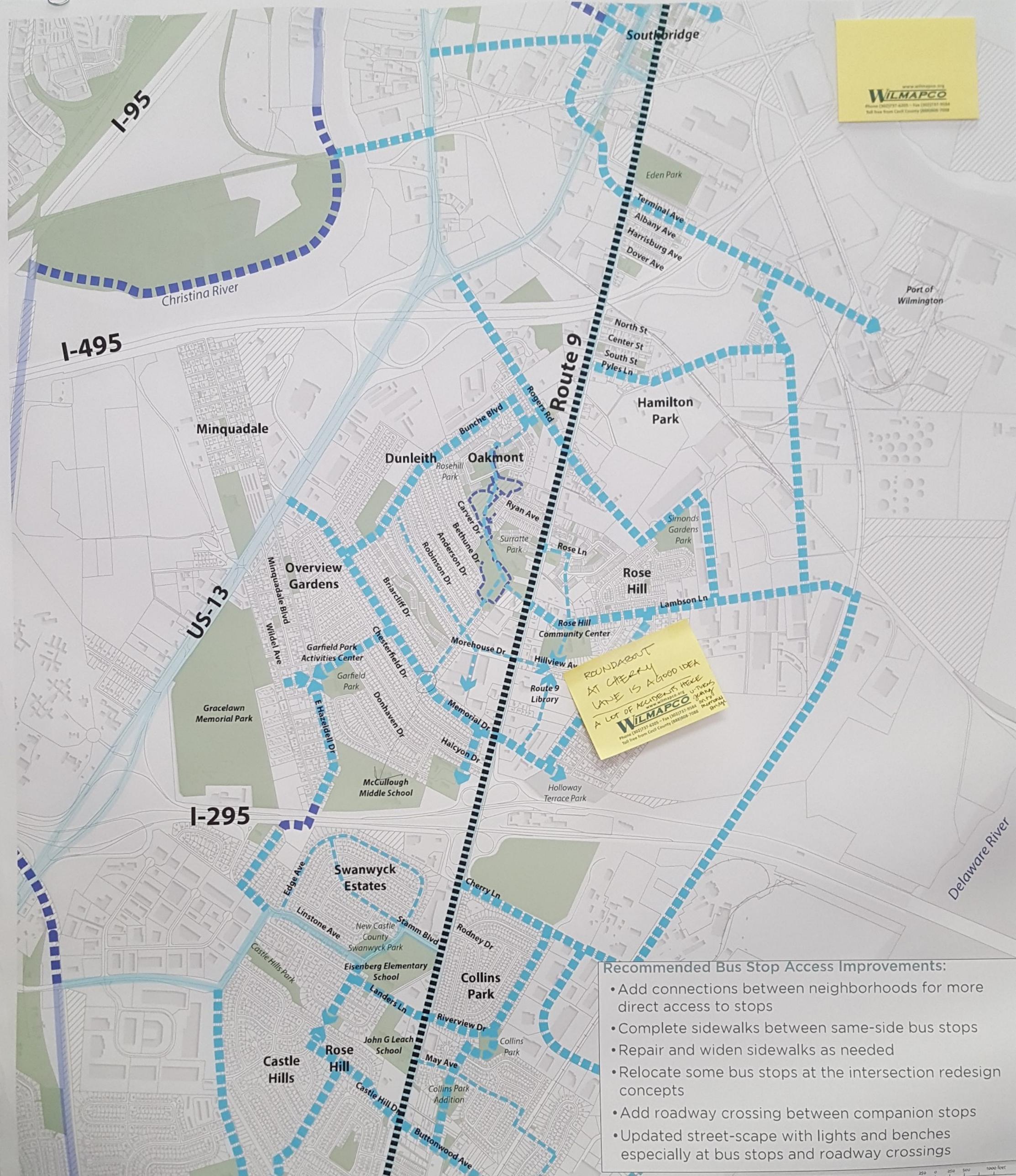
SITE FEATURES:

SCENARIO 3



SITE FEATURES:

Route 9 : Pedestrian + Bicycle Facilities





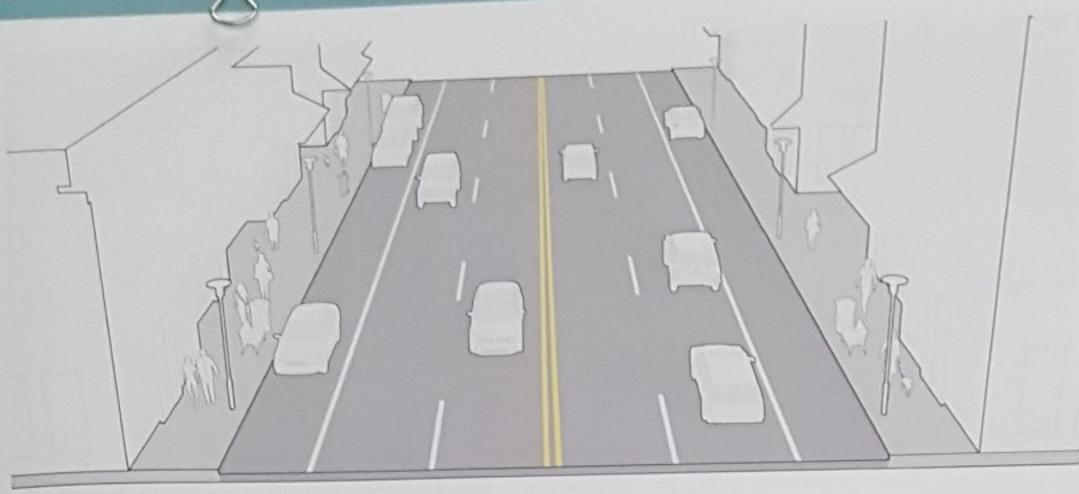
- Map Key
- Existing on-road routes
- Proposed primary on-road routes
- Proposed secondary routes
- Existing Primary off-road routes

Proposed primary off-road routes

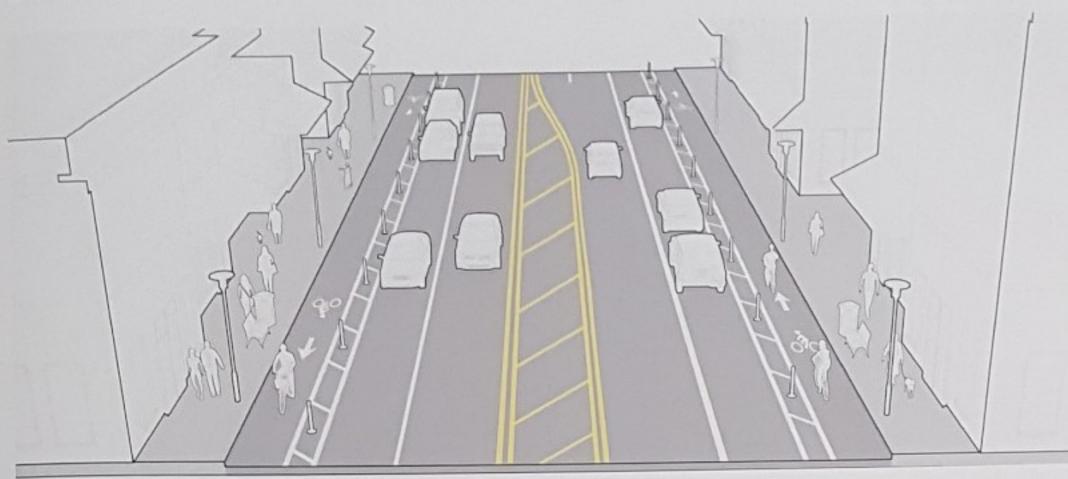
Existing secondary off-road routes

- IIIIIII Harriet Tubman scenic byway
 - November 29, 2016

Road Diets Overview



Before Road Diet



What is a Road Diet

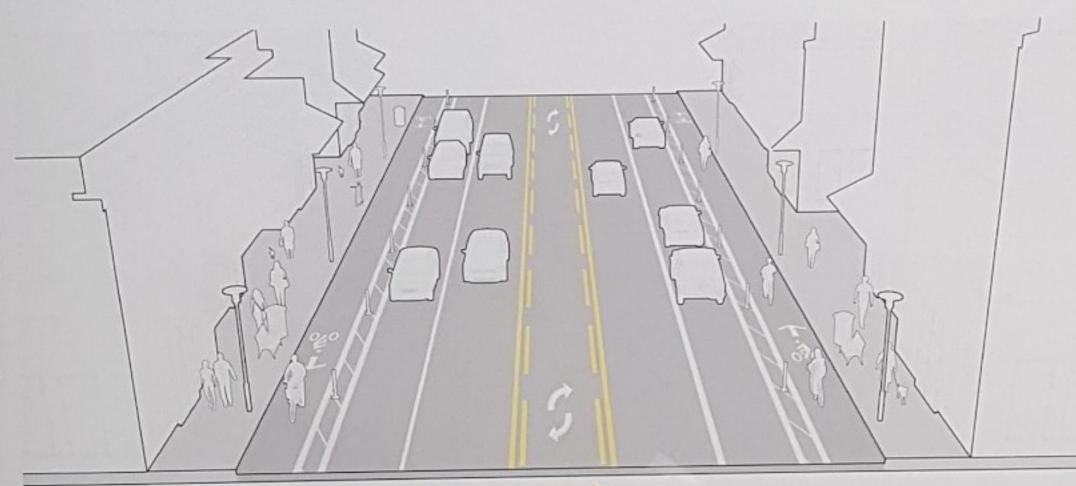
- Road Diets re-configure the roadway (i.e., rebalance the street) to calm traffic, reduce crashes, provide space for bicycle lanes, streetscapes, wider sidewalks, and other purposes.
- Four- to three-lane conversions are the most common Road Diet (see graphics on the right), but there are numerous types (e.g., three to two lanes, or five to three lanes).

Road Diet Myths

- They cannot handle as much traffic as before
- Journey times increase
- Motorists use neighborhood street to avoid them Based on experience, we have learned that road dieted streets generally...
 - Accommodate as many or more vehicle because all motorists are
 - traveling at or about the same speed
 - Have about the same travel times because they tend to 'design' out' natural slow-downs such as left-turning vehicles
 - Result in few times when motorists use a neighborhood street instead

Road Diets help reduce these types of crashes

After Road Diet



After Road Diet- Center Turn Lane Center turn

Road Diets Can Help Bus Riders

- Rear-end and sideswipe crashes caused by motorists traveling at different speeds
- Sideswipe crashes caused by motorists making frequent and sudden lane changes between two through lanes
- Rear-end crashes caused by vehicles stopped to make a left turn
- Left-turn crashes caused by motorists feeling pressure to make their left-turn when there is not enough time to do so
- Angle crashes caused by motorists traveling across the main road or making a left turn onto the main road from side street
- Bicycle crashes due to a lack of available space for bicyclists to ride comfortably
- Pedestrian crashes due to the high number of lanes for pedestrians to cross with no refuge

• Bus stops may be moved, consolidated, or upgraded to help buses be on time, or better align where riders cross the streets. Where street parking is present, bulbouts can be used for bus stops.





Before Road Diet

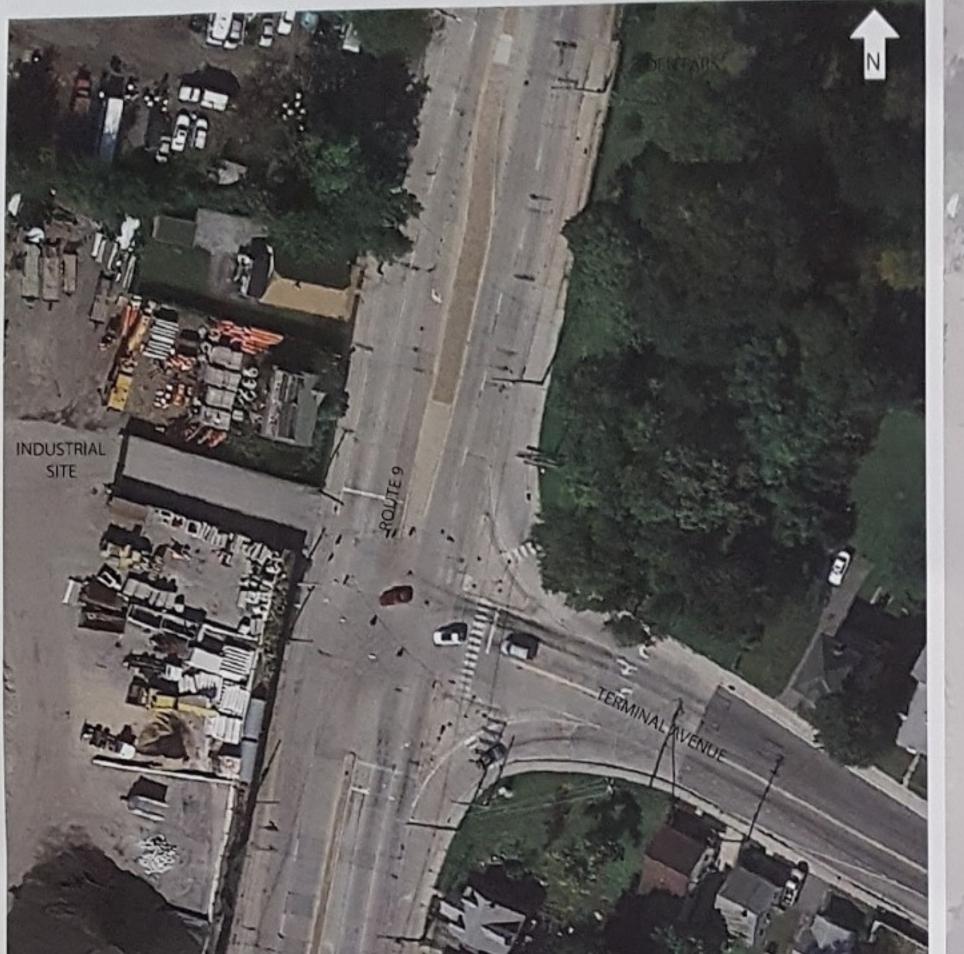
After Road Diet

Road Diet N 130th Street, Seattle, Washington Courtesy of National Complete Streets Coalition



Intersection Design: Terminal Avenue

EXISTING CONDITIONS: TERMINAL AVENUE PROPOSED DESIGN: TERMINAL AVENUE







Traffic Analysis Summary

- A roundabout can be used as a gateway treatment to the corridor and slow overall traffic speeds
- One lane roundabout can handle projected 2036 traffic volumes

Terminal Avenue Cross Section Alternatives

EXISTING SITE CONDITIONS



SITE FEATURES:

- UNCOMFORTABLE PEDESTRIAN & BICYCLE ENVIRONMENT
- LIMITED LIGHTING & PLANTINGS
- SIDEWALK ON WEST SIDE OF ROUTE 9
- OBSTACLES IN SIDEWALK
- 2 NORTHBOUND AND 2 SOUTHBOUND TRAVEL LANES
- LEFTTURN LANES
- BREAKDOWN/PARKING SHOULDER

SCENARIO 1



SITE FEATURES:

- BUFFERED BIKE LANES
- WIDER SIDEWALK AT EXISTING OBSTACLES
- BUS SHELTER WITH LIGHTING
- PLANTING ISLANDS WITH STREET TREES
 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANE
- LEFT TURN LANES
- BREAKDOWN/PARKING SHOULDER
 NO IMPACTS TO EXISTING INFRASTRUCTURE & UTILITIES

* LOW CONSTRUCTION COST

SCENARIO 2



SITE FEATURES:

- SEPARATED BIKE LANES
- WIDER SIDEWALK AT EXISTING OBSTACLES
- NEW STREET LEVEL SIDEWALK ON EAST SIDE OF ROUTE 9
- STREET AND PEDESTRIAN LIGHTING
- BIORETENTION OPPORTUNITIES TO REDUCE STORM WATER IMPACTS
- STREET TREE PLANTING
- STREET-SIDE BUS SHELTER WITH LIGHTING
- 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANES
- LEFT TURN LANES
- DESIGNATED BUS PULL-IN

* MODERATE CONSTRUCTION COST

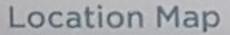
SCENARIO 3



SITE FEATURES:

- SEPARATED BIKE LANES
- WIDER SIDEWALK
- NEW SIDEWALK ON EAST SIDE OF ROUTE 9
- STREET AND PEDESTRIAN LIGHTING
- BIORETENTION OPPORTUNITIES TO REDUCE STORM WATER IMPACTS
- STREET TREE PLANTING & SCREENING
- STREET-SIDE BUS SHELTER WITH LIGHTING
- 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANES
- CENTER TURN LANE PROVIDES SPACE TO NEGOTIATE A BROKEN DOWN VEHICLE
- DESIGNATED BUS PULL-IN

* HIGH CONSTRUCTION COST



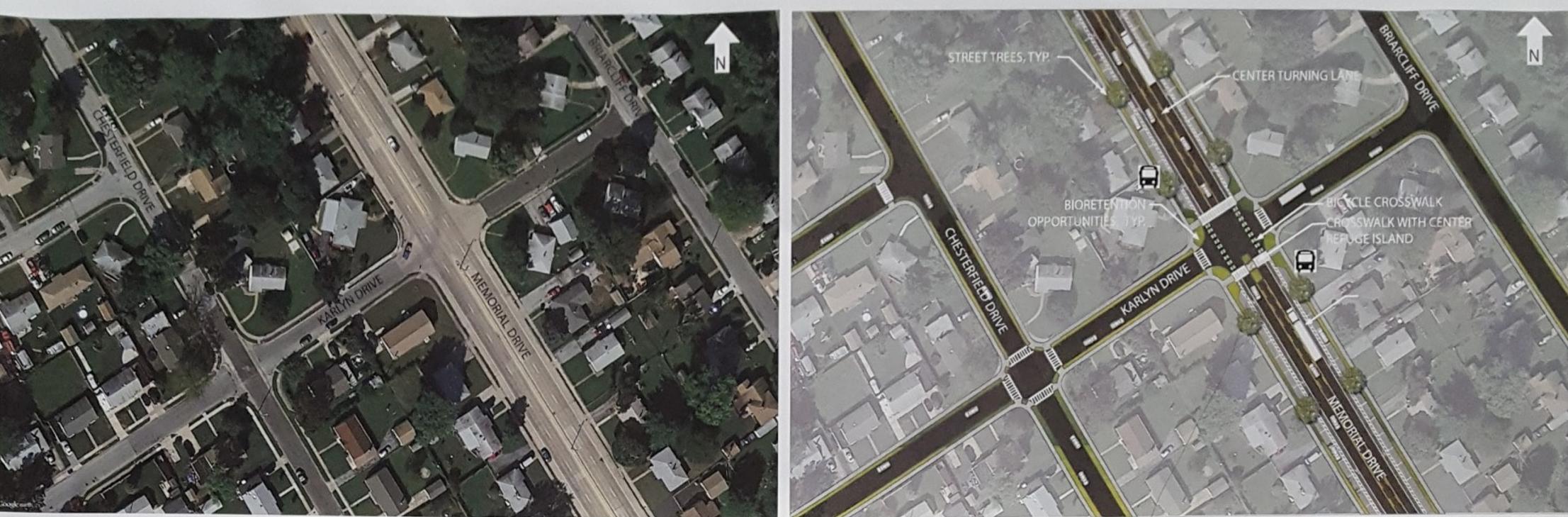




Road Diet: Memorial Drive

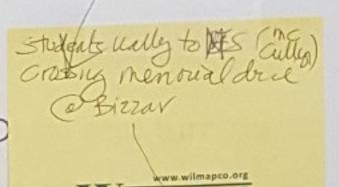
EXISTING CONDITIONS: MEMORIAL DRIVE

PROPOSED CONDITIONS: MEMORIAL DRIVE



Traffic Analysis Summary

- Reduce to one through-lane in each direction.
- May still need a left turn lane on some approaches, e.g., for those traveling south on Karlyn D north (left) onto Memorial Drive.



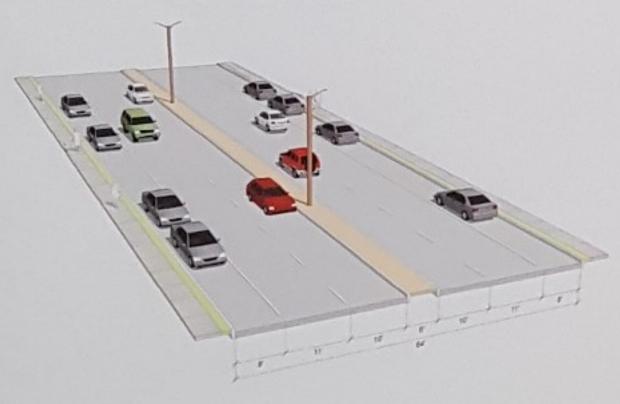
Phone (302)737-6205 - Fax (302)737-9584 Toll free from Cecil County (868)808-7088 NOTE: DELDOT'S ROADWAY MAINTENANCE PROGRAM DOES NOT INCLUDE STREET TREES, SO THERE WOULD NEED TO BE A MAINTENANCE AGREEMENT WITH A NON-DELDOT ENTITY.

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Memorial Drive Road Diet Cross Section Alternatives

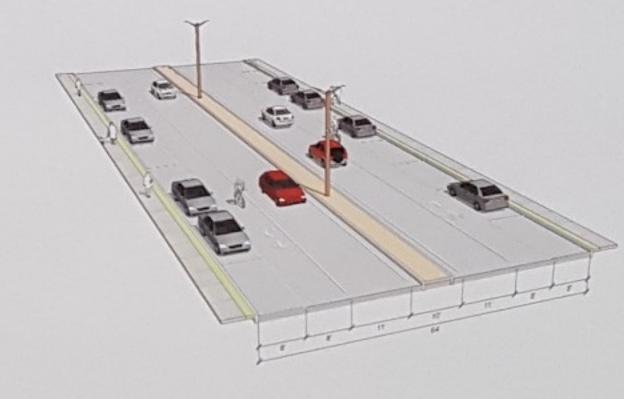
EXISTING SITE CONDITIONS

SCENARIO 2



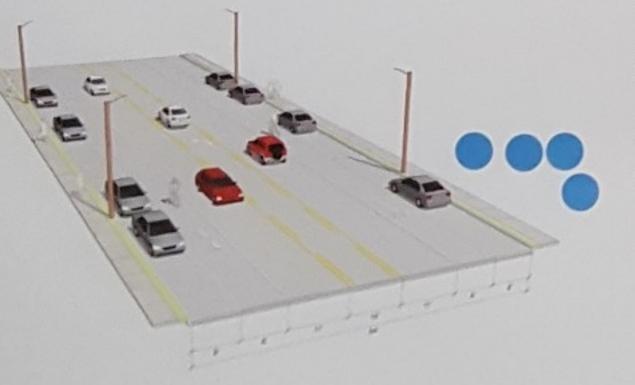
SITE FEATURES:

- UNCOMFORTABLE PEDESTRIAN & BICYCLE ENVIRONMENT
- LIMITED LIGHTING & PLANTING
- 2 NORTHBOUND AND 2 SOUTHBOUND
- TRAVEL LANES
- BREAKDOWN/PARKING SHOULDER



SCENARIO 3

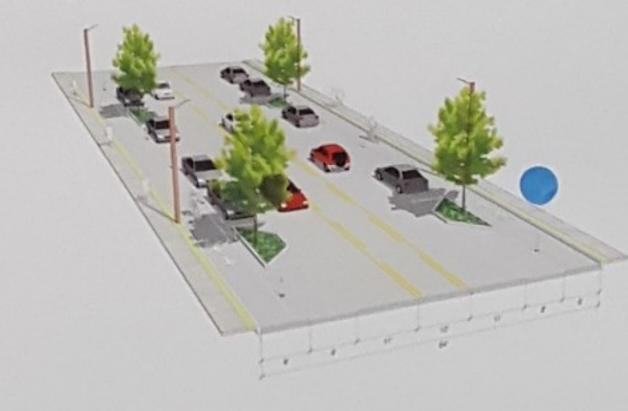
SCENARIO 1



SITE FEATURES:

- BICYCLE LANES WITH PARKING BUFFER
- WIDER SIDEWALK AT EXISTING OBSTACLES
- CROSSWALKS WITH PEDESTRIAN REFUGE ISLANDS AT KEY INTERSECTIONS
- STREET TREE PLANTING
- 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANE
- CENTER TURN LANE
- BREAKDOWN/PARKING SHOULDER

* MODERATE CONSTRUCTION COST



SITE FEATURES:

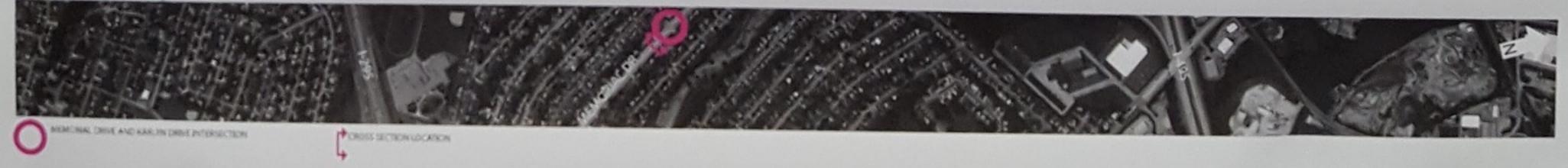
- BICYCLE LANES WITH PARKING BUFFER
- WIDER SIDEWALK AT EXISTING OBSTACLES
- CROSSWALKS WITH PEDESTRIAN REFUGE
 ISLANDS AT KEY INTERSECTIONS
- STREET TREE PLANTING
- 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANE
- BREAKDOWN/PARKING SHOULDER
- NO IMPACTS TO EXISTING INFRASTRUCTURE & UTILITIES
- * LOW CONSTRUCTION COST

SITE FEATURES:

- BICYCLE LANES WITH PARKING BUFFER
- WIDER SIDEWALK AT EXISTING OBSTACLES
- CROSSWALKS WITH PEDESTRIAN REFUGE
 ISLANDS AT KEY INTERSECTIONS
- GREATER BIORETENTION OPPORTUNITIES
 TO REDUCE STORM WATER IMPACTS
- STREET TREE PLANTING
- 1 NORTHBOUND AND 1 SOUTHBOUND TRAVEL LANE
- CENTER TURN LANE
- BREAKDOWN/PARKING SHOULDER

* HIGH CONSTRUCTION COST

Location Map



9 MATER PLANZI

Intersection Design: Memorial Drive

EXISTING CONDITIONS: MEMORIAL DRIVE

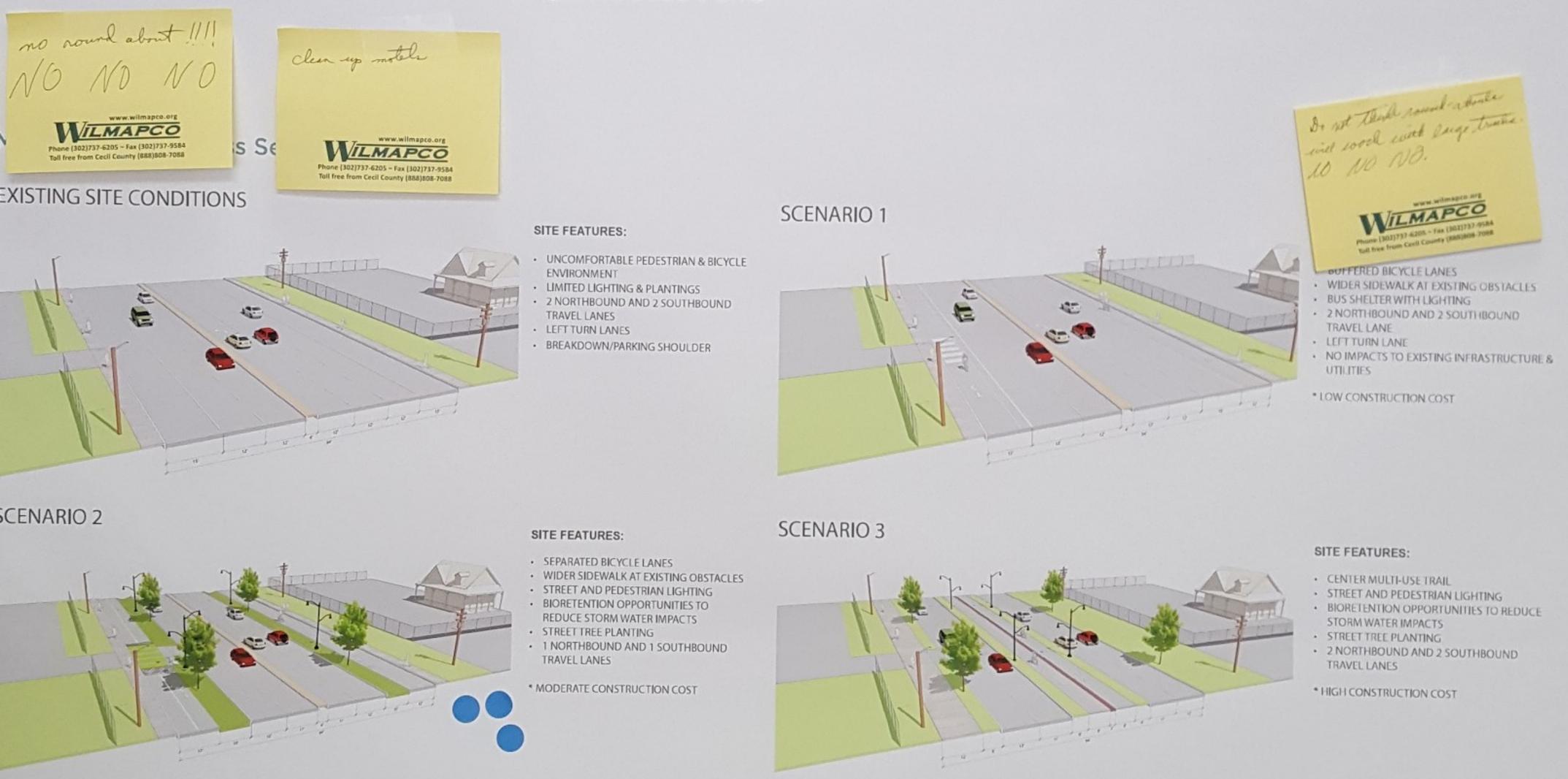


PROPOSED CONDITIONS: MEMORIAL DRIVE

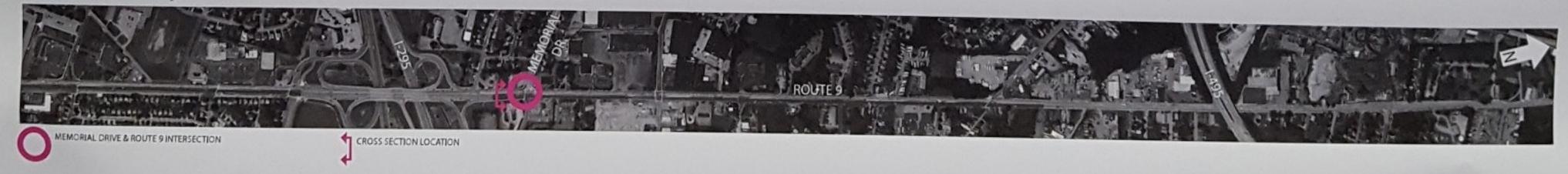


Traffic Analysis Summary

A Roundabout can be used as a gateway treatment to the corridor and slow overall traffic speeds Two circulating lanes are needed to handle projected 2036 traffic



Location Map





Intersection Design: I-295 Interchange

EXISTING CONDITIONS: I-295 INTERCHANGE PROPOSED CONDITIONS: I-295 INTERCHANGE & MULTI-USE TRAIL













Traffic Analysis Summary

- A Roundabout can be used as a gateway treatment to the corridor and slow overall traffic speeds
- Two circulating lanes are needed to handle projected 2036 traffic

I-295 Interchange Cross Section Alternatives

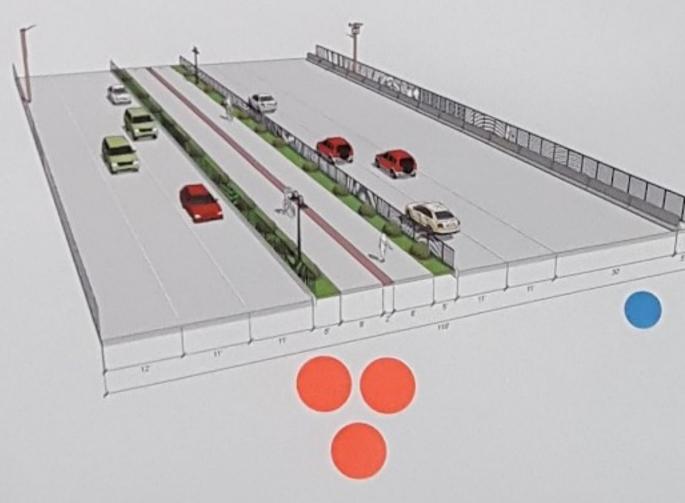
EXISTING SITE CONDITIONS



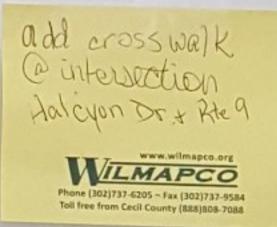
SITE FEATURES:

- UNCOMFORTABLE PEDESTRIAN & BICYCLE
 ENVIRONMENT
- LIMITED LIGHTING & PLANTINGS
- 3 NORTHBOUND AND 2 SOUTHBOUND TRAVEL LANES WITH I-295 SLIP LANES
- BREAKDOWN/PARKING SHOULDER

PROPOSED CONDITIONS



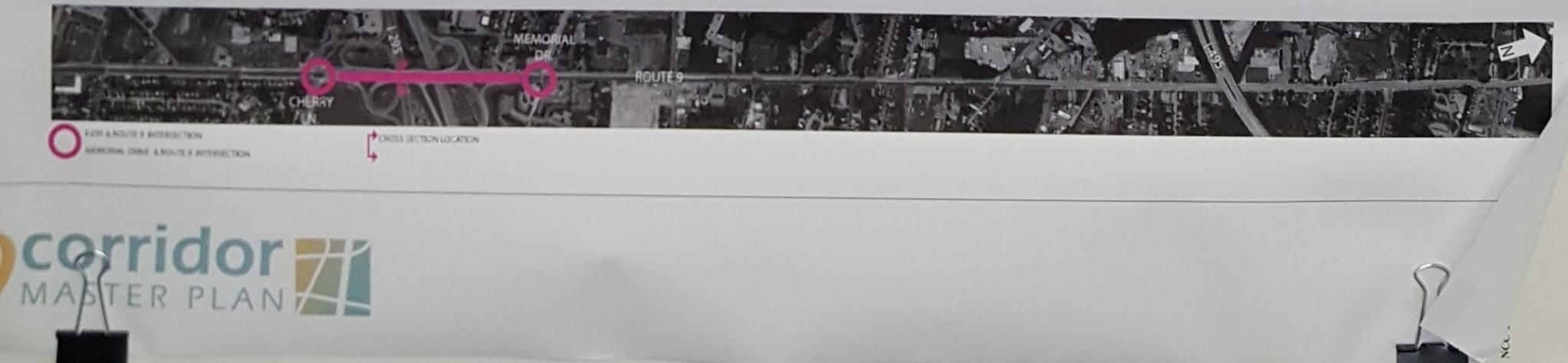
Center Multi-Use Trail, L.A., CA



SITE FEATURES:

- CENTER MULTI-USE TRAIL
- PEDESTRIAN LIGHTING
- IMPROVED CROSSING CONDITIONS
- 2 NORTHBOUND AND 2 SOUTHBOUND TRAVEL LANES
- IMPROVED LANDSCAPING
- BREAKDOWN & BRIDGE MAINTENANCE SHOULDER

Location Map



Intersection Design: Stamm Boulevard

EXISTING CONDITIONS: STAMM BOULEVARD

PROPOSED CONDITIONS: STAMM BOULEVARD



NOTE: DELDOT'S ROADWAY MAINTENANCE PROGRAM DOES NOT INCLUDE STREET TREES, SO THERE WOULD NEED TO BE A MAINTENANCE AGREEMENT WITH A NON-DELDOT ENTITY.

Traffic Analysis Summary

Projected 2036 traffic will best be handled with a signal at this intersection

• One through lane and turn lane to Stamm Boulevard in each direction is needed

Stamm Boulevard Cross Section Alternatives

EXISTING SITE CONDITIONS



SITE FEATURES:

- UNCOMFORTABLE PEDESTRIAN & BICYCLE ENVIRONMENT
- LIMITED LIGHTING & PLANTINGS
- SIDEWALK ON EAST SIDE OF ROUTE 9
- OBSTACLES IN SIDEWALK
 2 NORTHBOUND AND 2 SOUTHBOUND
- TRAVEL LANES
- TURN LANES
- BREAKDOWN/PARKING SHOULDER
 SERVICE ROAD





SCENARIO 3



SITE FEATURES:

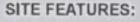
- BUFFERED BIKE LANES
- 1 NORTHBOUND AND 2 SOUTHBOUND TRAVEL LANE
- CENTER TURN LANE
- BREAKDOWN/PARKING SHOULDER
- NO IMPACTS TO EXISTING INFRASTRUCTURE & UTILITIES
- * LOW CONSTRUCTION COST

SCENARIO 2



SITE FEATURES:

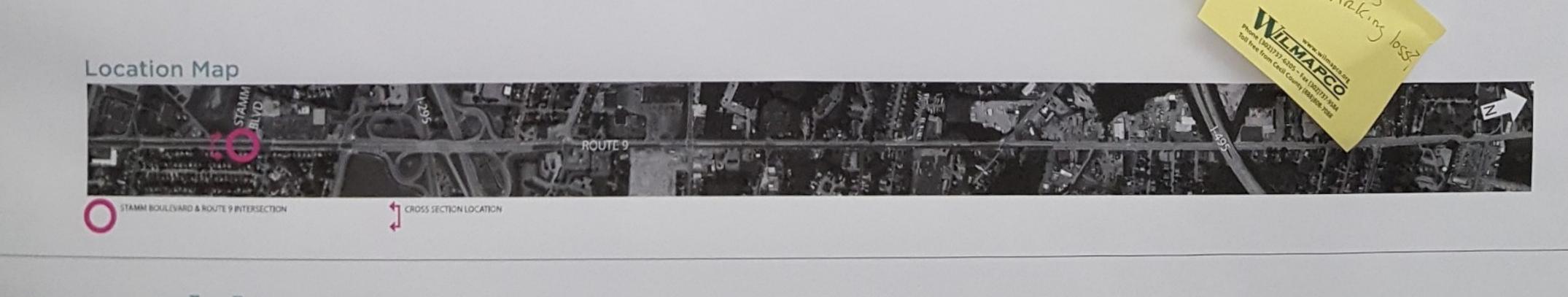
- SEPARATED BIKE LANES
- BIORETENTION OPPORTUNITIES TO REDUCE STORM WATER IMPACTS
- STREET TREE PLANTING
- 1 NORTHBOUND AND 2 SOUTHBOUND TRAVEL LANES
- CENTER TURN LANE
- * MODERATE CONSTRUCTION COST



- SEPARATED BIKE LANES
- WIDER SIDEWALK
- NEW SIDEWALK ON WEST SIDE OF ROUTE 9
- STREET AND PEDESTRIAN LIGHTING
- BIORETENTION OPPORTUNITIES TO REDUCE STORM WATER IMPACTS
- STREET TREE PLANTING & SCREENING
- STREET-SIDE BUS SHELTER WITH LIGHTING
- DESIGNATED BUS PULL-IN
- 1 NORTHBOUND AND 1 SOUTHBOUND
- TRAVEL LANES
- TURN LANE ONTO STAMM BOULEVARD

* HIGH CONSTRUCTION COST



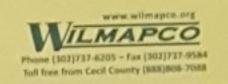


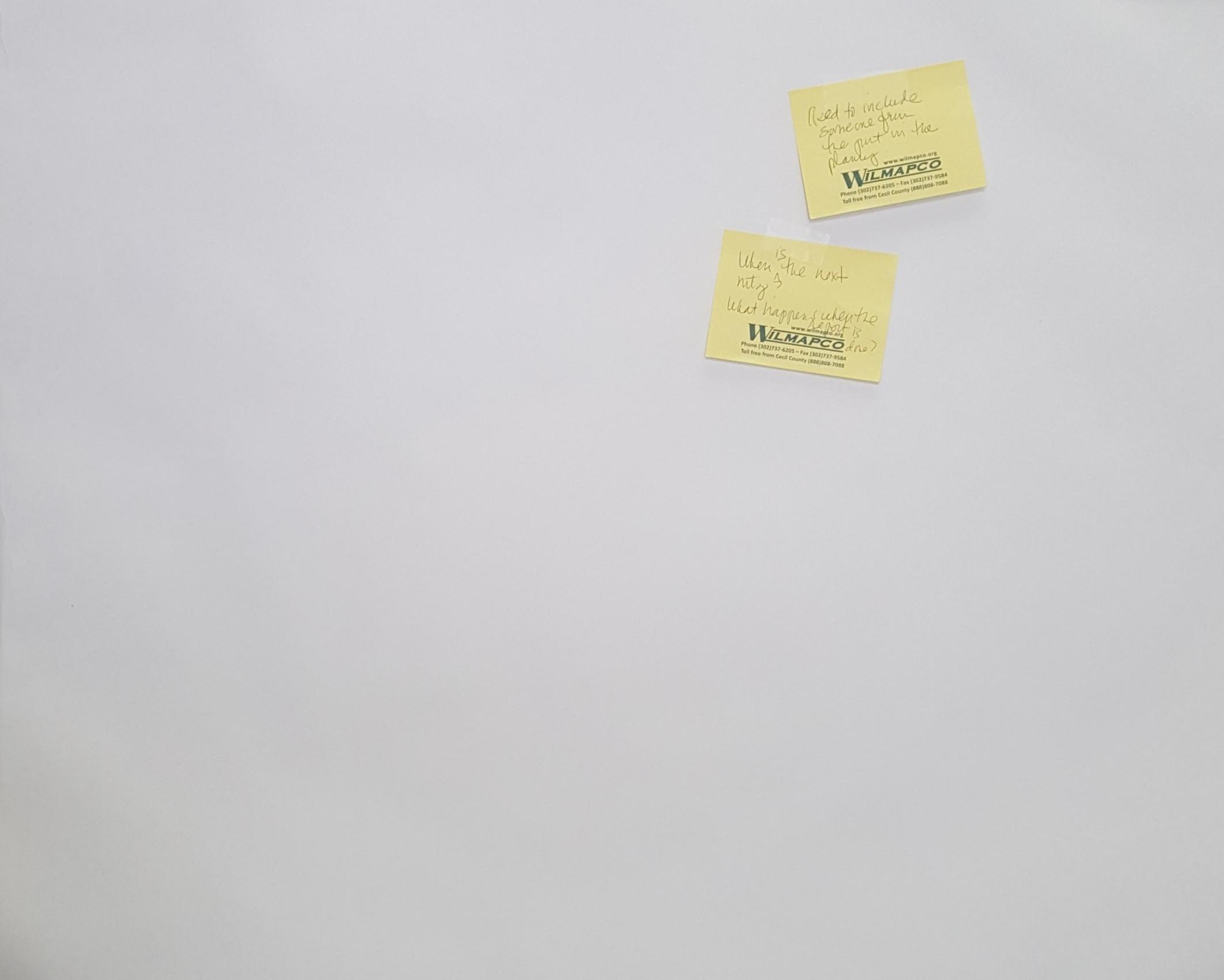




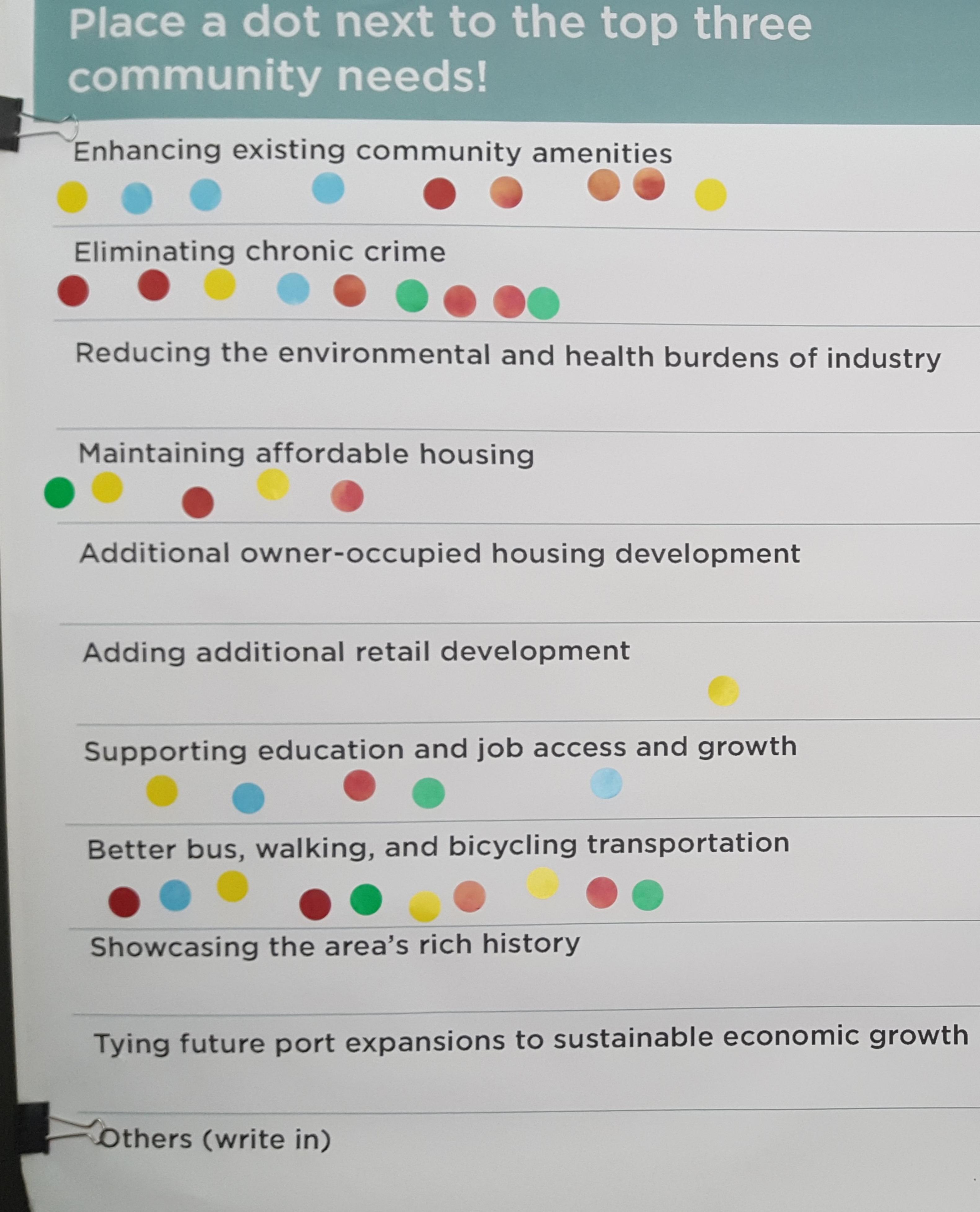


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Vision Statement

The Route 9 Corridor Master Plan will identify the best reinvestment and redevelopment strategies for the Route 9 Corridor between the City of Wilmington and the City of New Castle.

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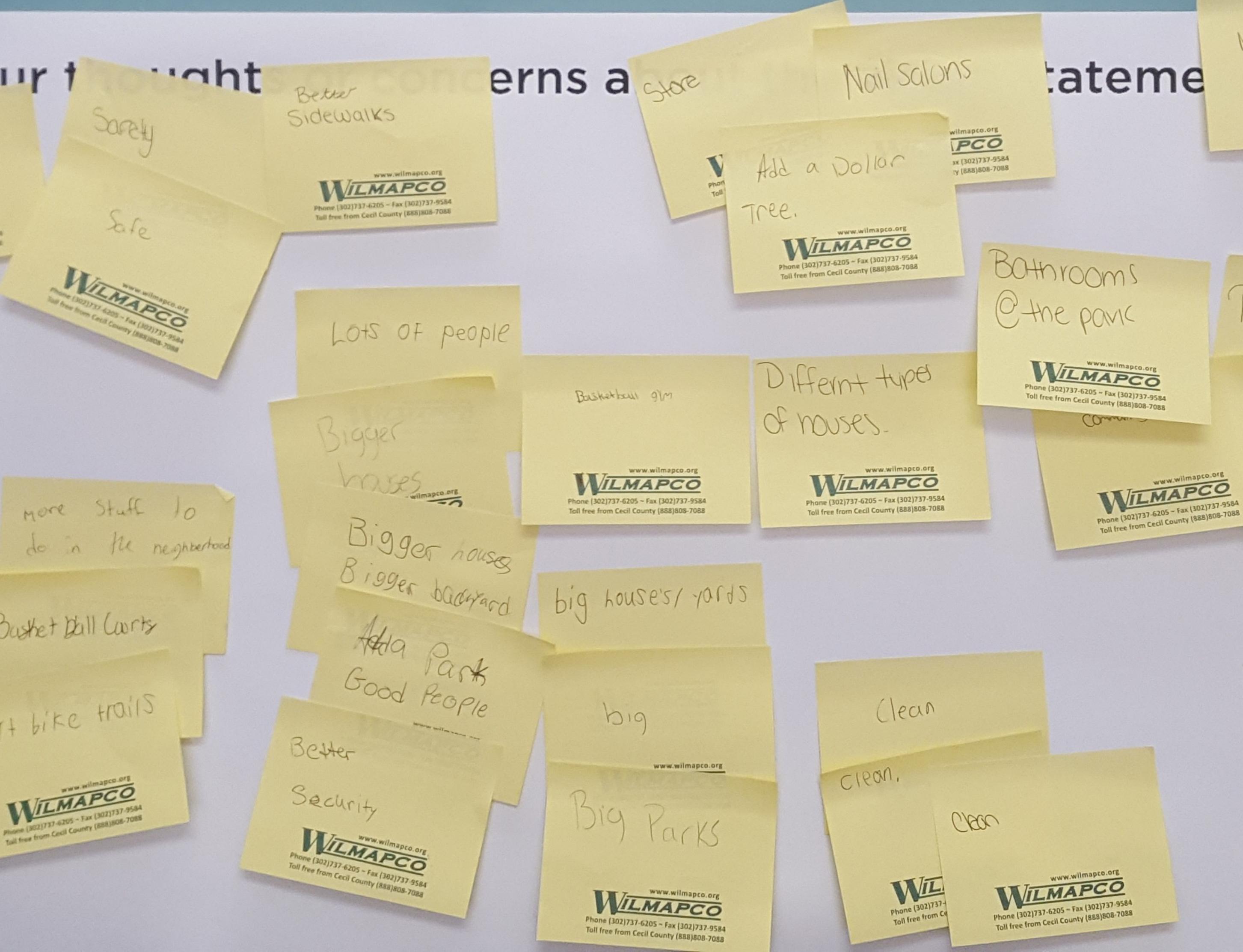
Better Robinson

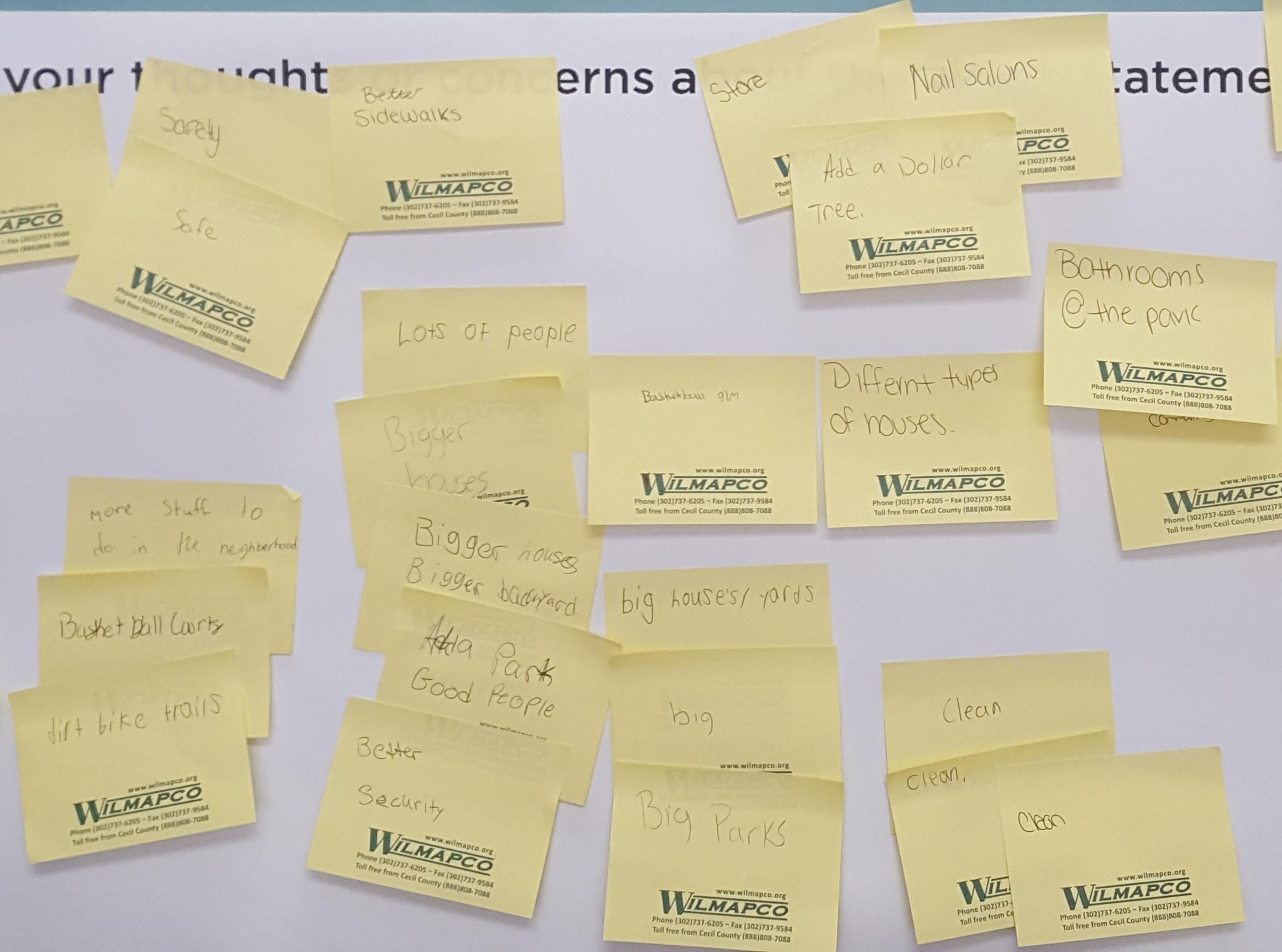
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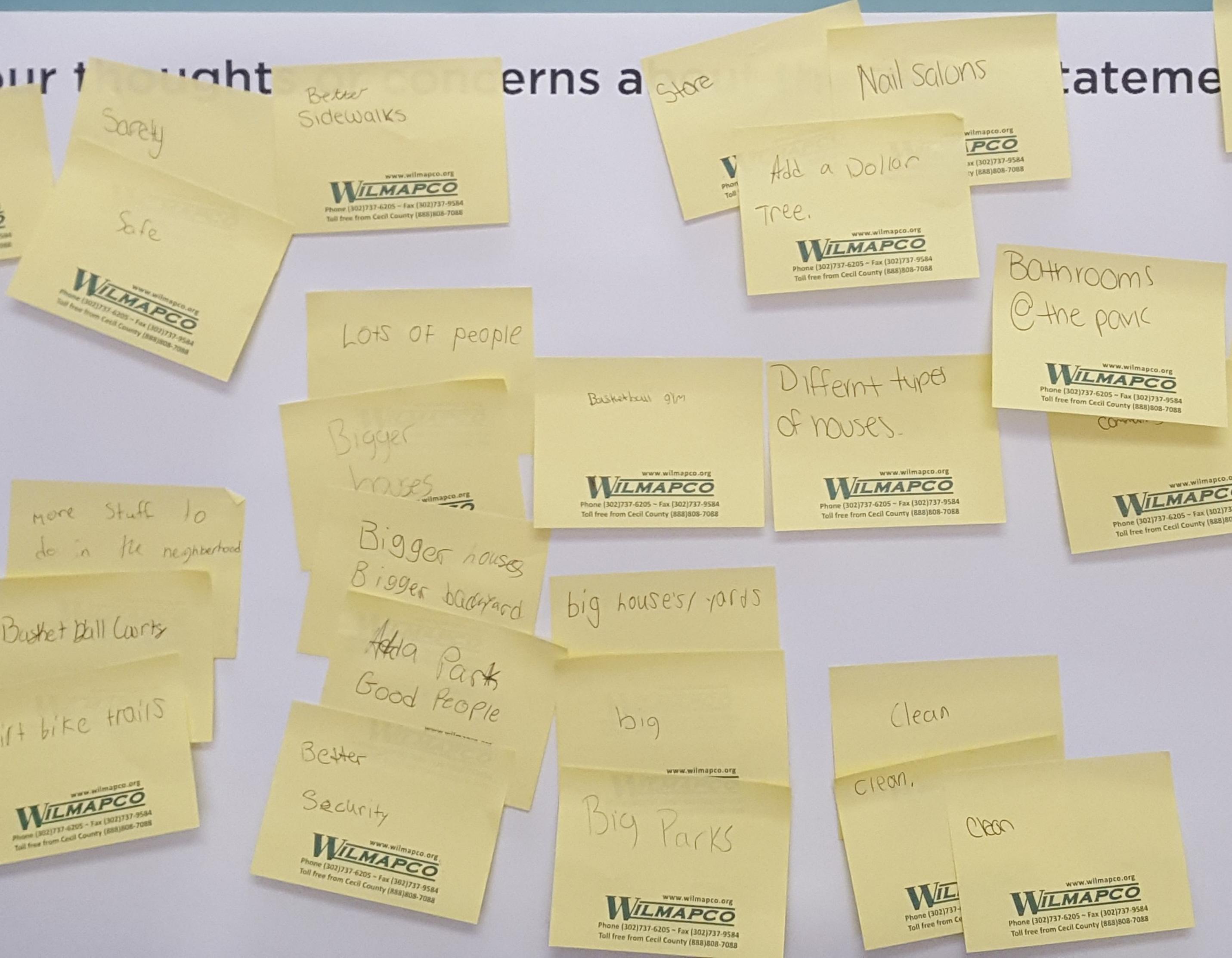
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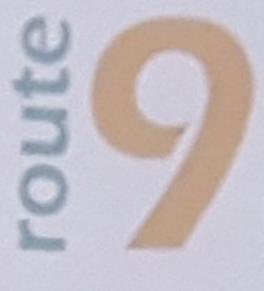


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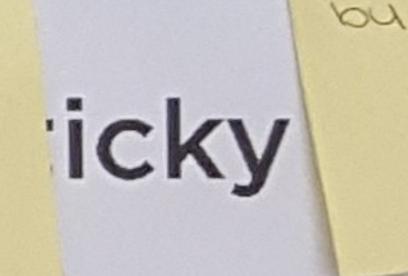


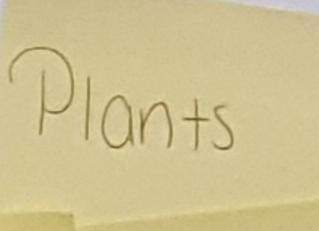






Sources PLAN





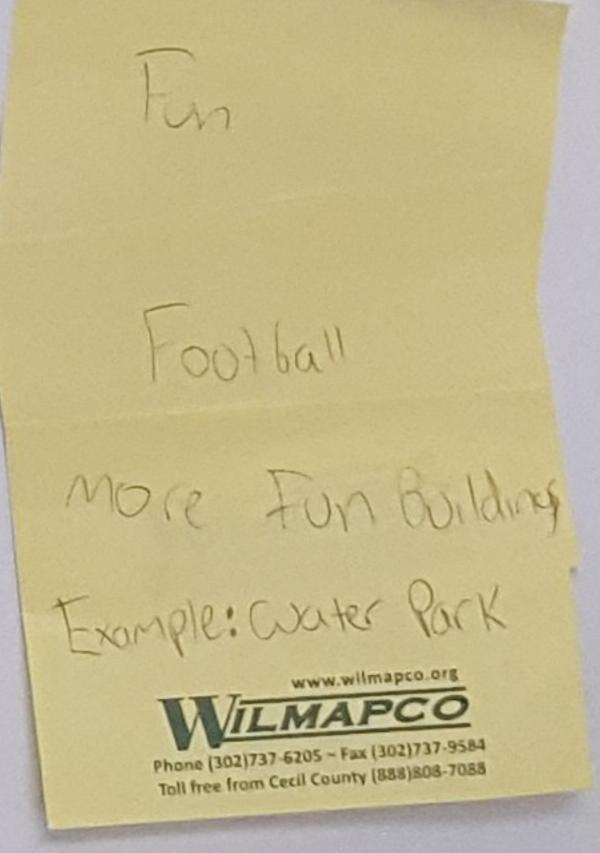
Nature

www.wilmapco.org

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Twees





BANK

Places to 80 Near

Sneuker VillA

