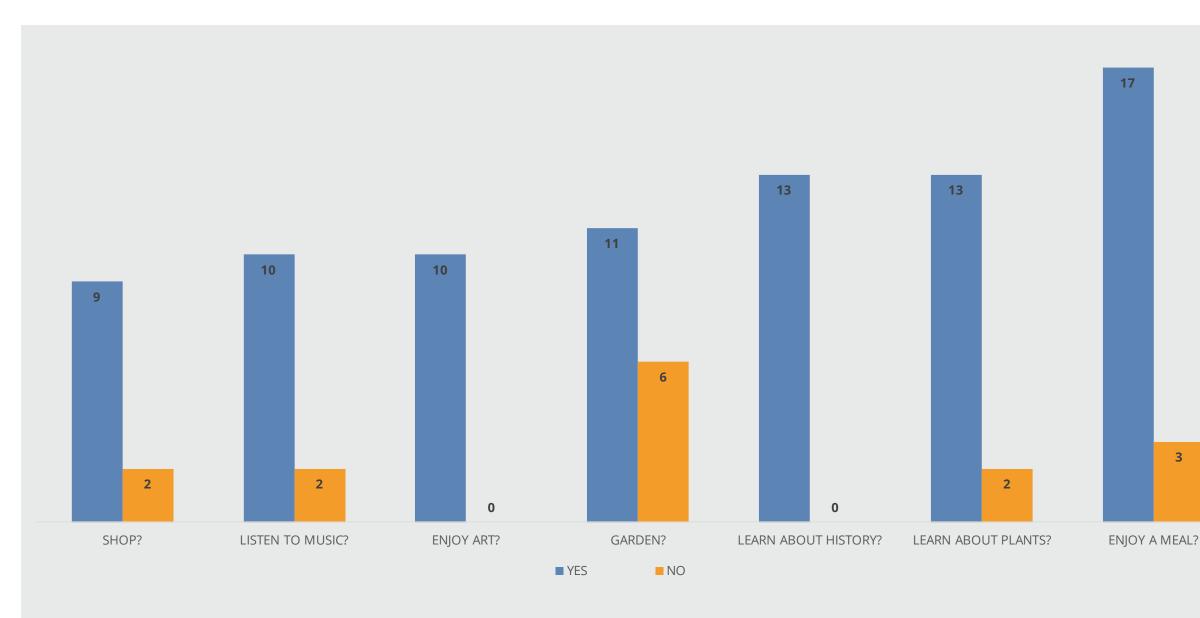
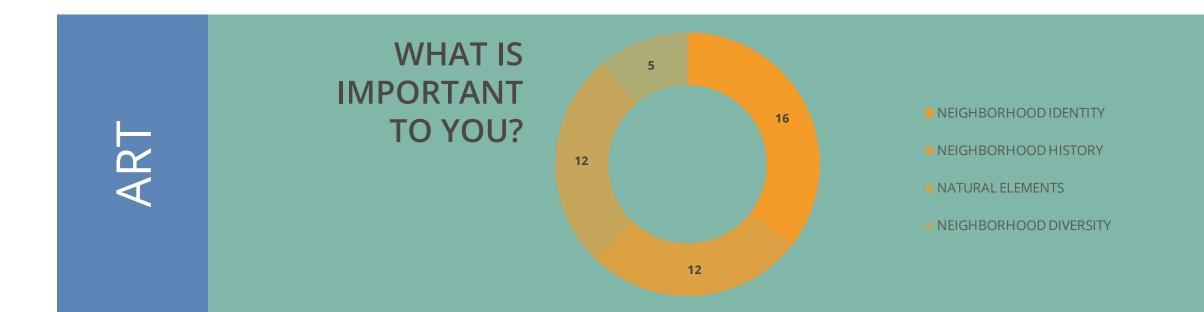
# PUBLIC MEETING SUMMARY PARK ELEMENTS

# WOULD YOU COME HERE TO...

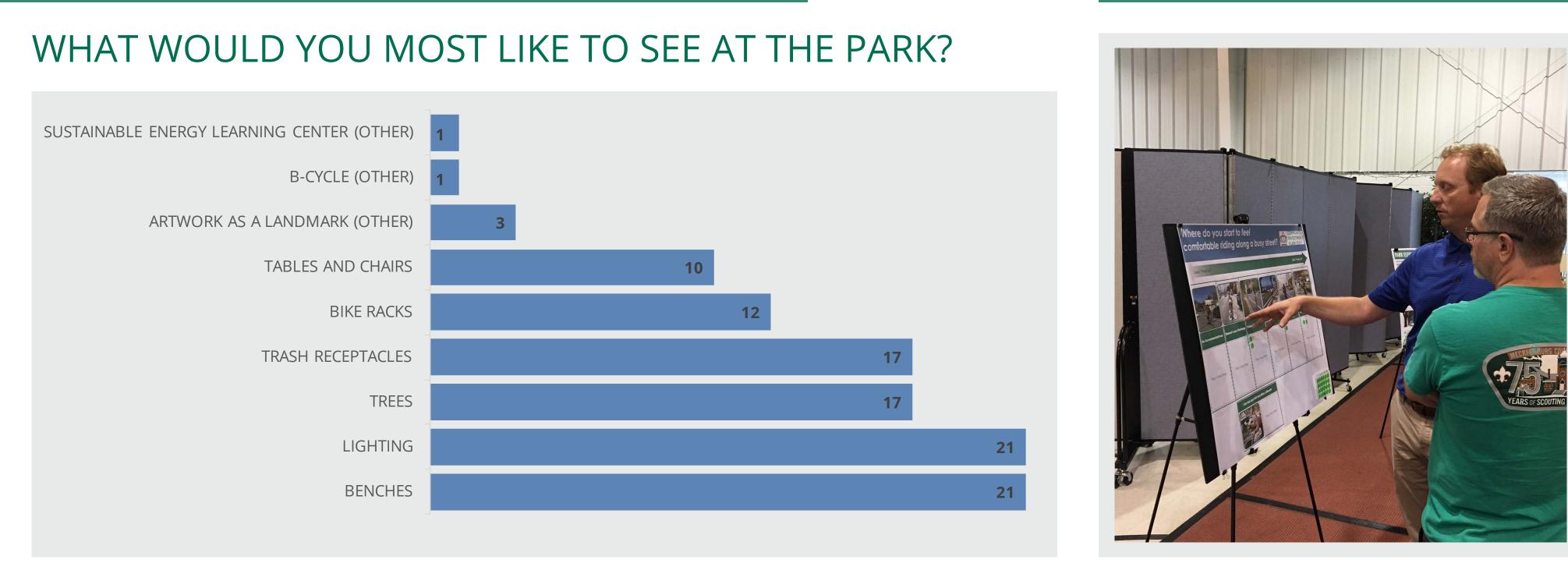


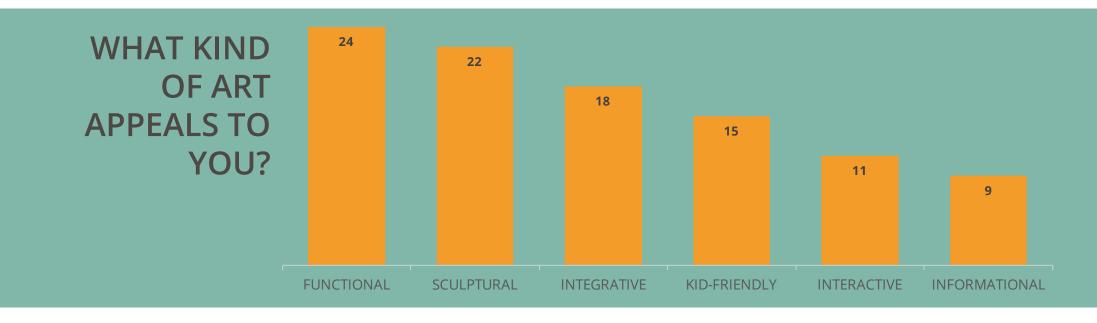


# WHAT DO YOU ENVISION AT THE PARK?







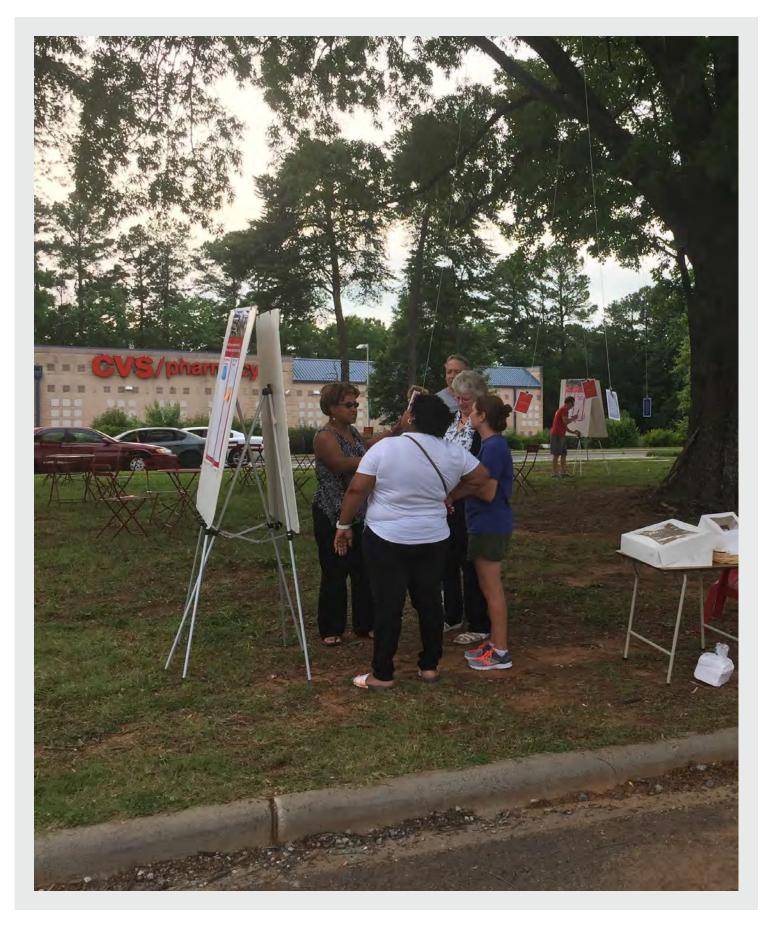


- PUBLIC ART
- PUBLIC GARDEN
- COMMUNITY IDENTITY
- OTHER: B-CYCLE

**COMMUNITY EVENTS** 

PUBLIC PLAZA

OTHER: ARCADE (3), PUBLIC POOL (3) PAVILION



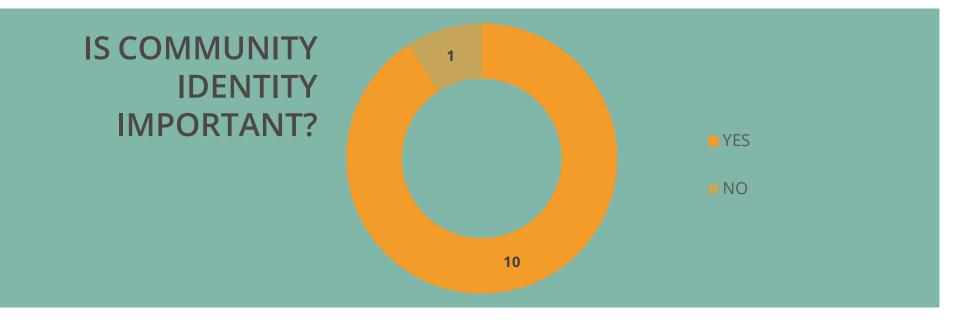
#### CONCERNS

- Will park be in conjunction with intersection redesign?
- Pollution from traffic.
- Small site.
- Insufficient parking.
- Not pedestrian friendly to access.

#### INTERESTS

- Park events would encourage more walking in the neighborhood.
- Plants would be fun and educational.
- Great spot for food carts.
- Want to embrace and display positive community identity.
- Harness the funky, vibrant energy of the neighborhood.





• Who will maintain and program the park?

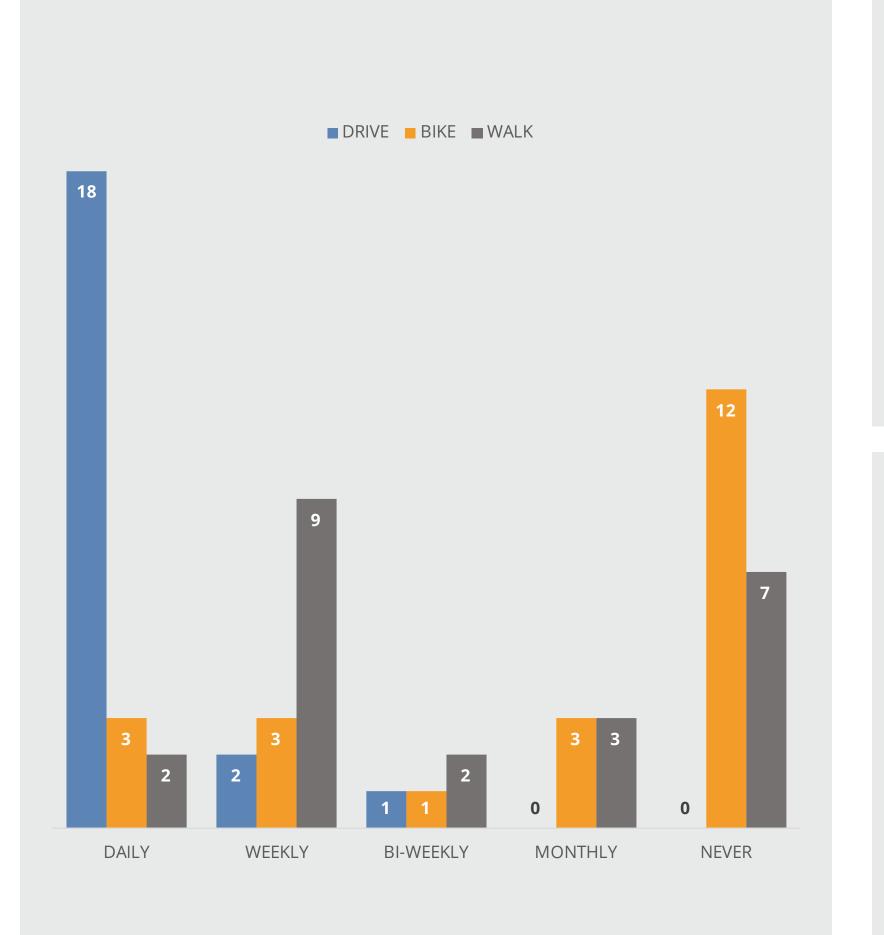
- Kid's safety at risk with busy street and intersection.
- What happens when the retail area surrounding the park redevelops?
- High traffic congestion and traffic noise.

• Opportunity to celebrate the diverse, multi-cultural neighborhood. • Best ethnic food in Charlotte. Easy to walk to many different food options. • History is knowledge. It would bring awareness and identity to the area. • Art could be a landmark and create a sense of pride for the neighborhood. • Beautiful trees are a great asset for an arboretum.

# PUBLIC MEETING SUMMARY **BICYCLE & PEDESTRIAN CONNECTIONS**

## HOW OFTEN DO YOU WALK, BIKE, & DRIVE ALONG THE CORRIDOR?

# HOW WOULD YOU PREFER TO USE THE CORRIDOR?



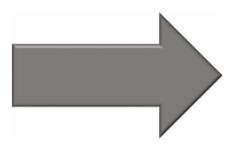


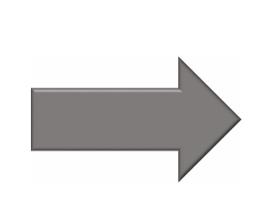
## TOP 3 BARRIERS TO WALKING MORE ALONG THE CORRIDOR

- 1. Concerns about personal safety
- 2. Sidewalks in poor conditions
- 3. Streets and driveways difficult to cross

## TOP 3 BARRIERS TO BIKING MORE ALONG THE CORRIDOR

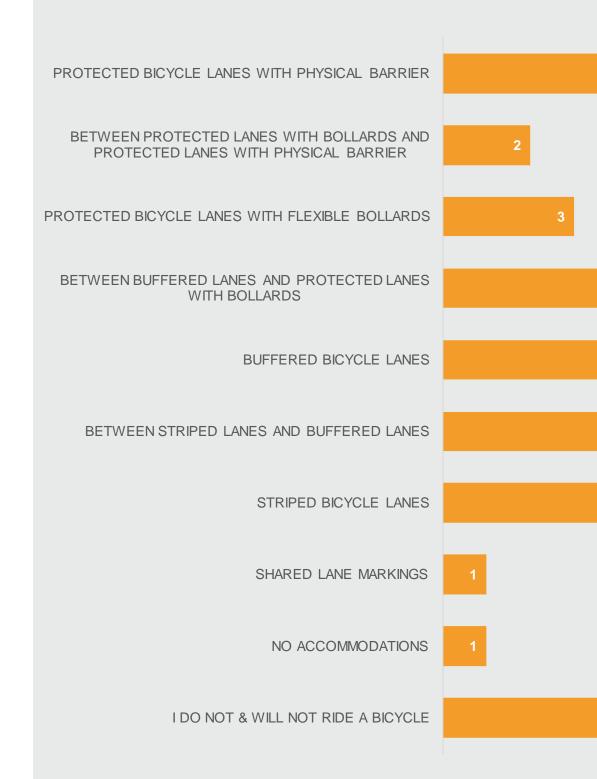
1. Lack of bicycle lanes 2. Difficult streets to cross 3. Not interested in biking





# ■ PREFER TO WALK PREFER TO BIKE PREFER TO DRIVE

# WHEN WOULD YOU START TO FEEL COMFORTABLE RIDING ON A **BUSY ROAD?**



## WHAT WOULD ENCOURAGE MORE WALKING ALONG THE CORRIDOR?

- 1. Safer intersection crossing
- 2. Shopping, parks, restaurants closer
- 3. Better street lighting

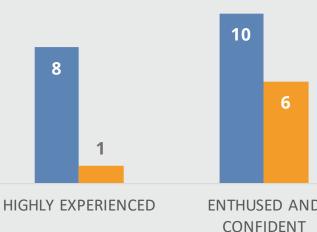
## WHAT WOULD ENCOURAGE MORE **BIKING ALONG THE CORRIDOR?**

- **1. Separation from traffic**
- 2. Shopping, parks, restaurants closer
- 3. Better street lighting



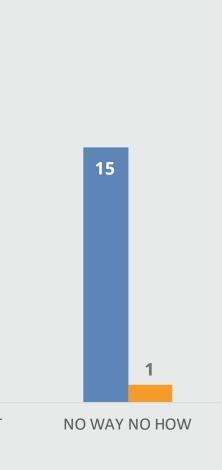


- WHAT SKILL LEVEL DO YOU CONSIDER YOURSELF AS A BICYCLIST?
- WHO SHOULD THE CORRIDOR BE DESIGNED FOR?





CONCERNED



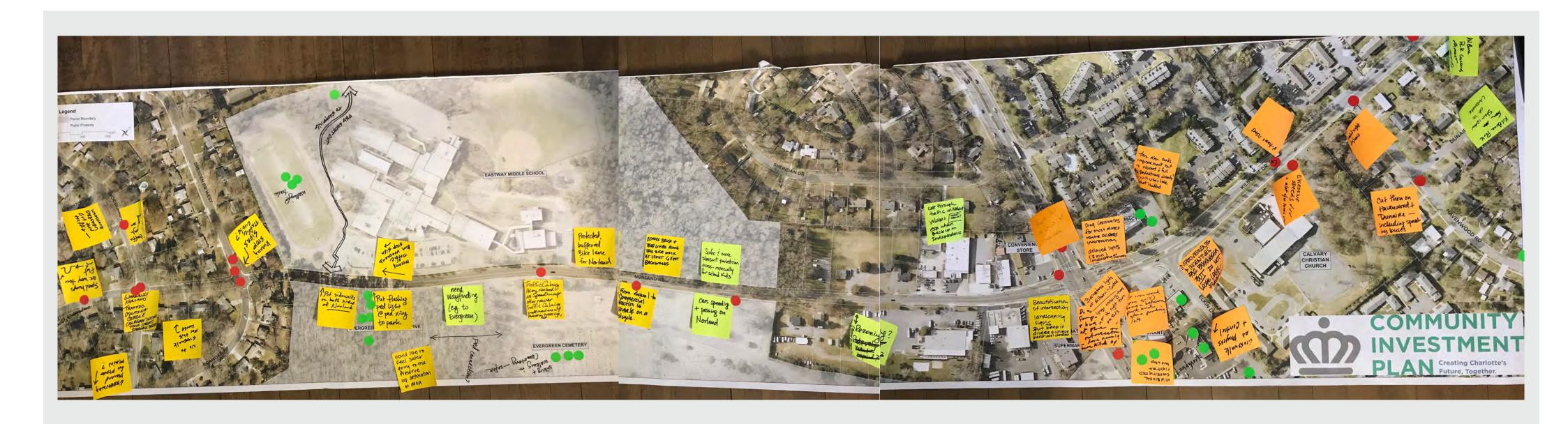
## TOP 3 SPECIFIC IMPROVEMENTS TO IMPROVE WALKING

- 1. Better sidewalks
- 2. Safer intersections/crossings
- 3. Lighting

## TOP 3 SPECIFIC IMPROVEMENTS TO IMPROVE BIKING

. Bike lanes 2. Lighting 3. Slow traffic

# PUBLIC MEETING SUMMARY **CORRIDOR IMPROVEMENTS**



# THEMES FROM PROJECT AREA MAP

#### Traffic Calming

Both along Norland Road and Kilborne Drive, residents witness excessive speeds and a high volume of cut through traffic creating a dangerous environment for pedestrians and bicyclists. Suggestions include round-a-bouts and center medians with pedestrian and bicyclist safety islands.

#### Safety Enhancements

Walking and biking to destinations is a part of the neighborhood fabric. Residents, however, do desire enhancements that foster a safer, more enjoyable mutli-modal environment. Lighting, wider sidewalks, sidewalks on both sides of the corridor, additional protected bike lanes, widening of the existing bike lanes, lighted mid-block crossings at the Preserve, Kilborne Park and bus stops along Central Avenue are all ideas commonly expressed among residents to create a more holistic and connected multi-modal network.



#### Local Character

Many residents admire the unique and diverse character of the surrounding neighborhood. While infrastructure improvements are certainly welcomed and desired, it is important to reflect, celebrate and harness the local character.

#### Intersection Improvements

The Central/Kilborne/Norland intersection received many comments on the need for bicycle and pedestrian improvements. Overall the intersection is currently viewed as unsafe and unwelcoming. Suggestions for improvements include landscaping, beautification, no right on red, Barnes Dance (pedestrian scramble) crossing, wider bike lanes, wider sidewalks, medians with a pedestrian refuge, enhanced crosswalks, and sufficient crossing time. Other intersections along the corridor also create conflict between motorists, bicyclists and pedestrians, including Norland Road and Dresden Drive, Norland Road and Woodland Drive, and Kilborne Drive and Havenwood Road.



- Art
- Make sure the crossing signals are working



# **TOP 5 DESTINATIONS**

1. Restaurants 2. Pharmacy 3. Nature Preserve 4. Park 5. School / Grocery Store (tie)



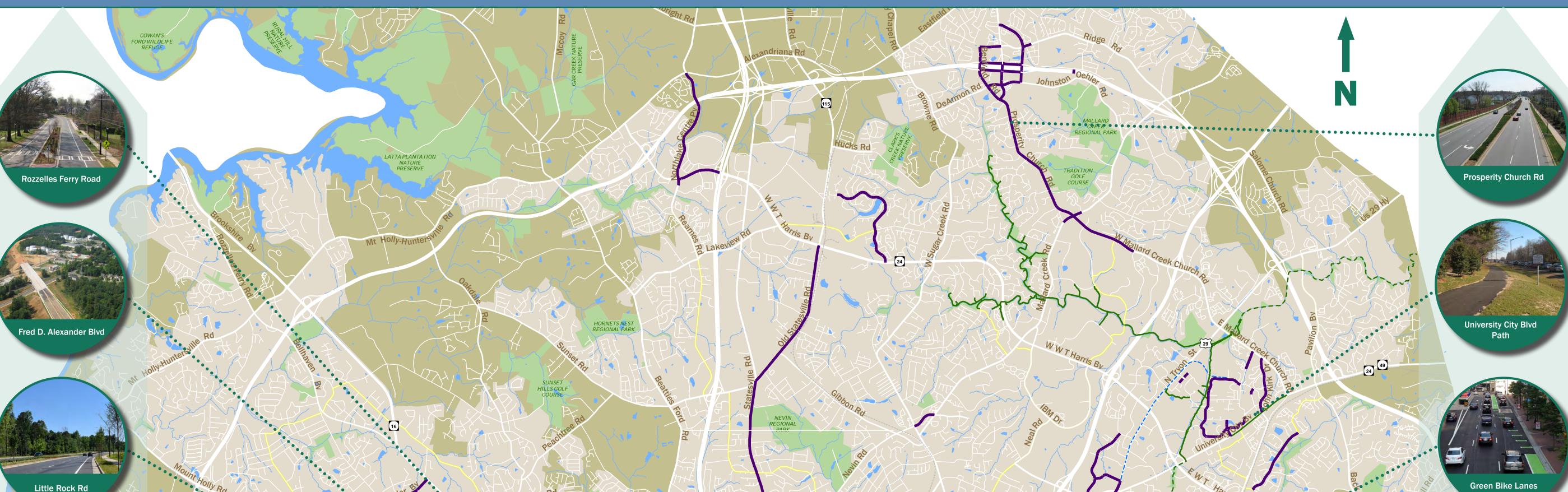
## WHAT IMPROVEMENTS AT THE INTERSECTION OF NORLAND ROAD AND CENTRAL AVENUE WOULD IMPROVE BICYCLING AND WALKING ALONG THE CORRIDOR?

• More bright features that cause car drivers to look at the right side of the road.

- Median
- Protective barriers on corners
- Lighting
- Sidewalks with ample crosswalk time
- Safe zone or buffer so pedestrians aren't sitting ducks
- Go back to old light configuration instead of the yellow on Central to Kilborne
- Better crosswalks and safety bike lanes
- Arrogance of some people who try to walk in front of people driving. Perhaps better education/language to accommodate the multi-cultural neighborhood.
- Better connection for bikes and visibility
- Wider bike lanes that are clearly marked
- Traffic calming medians and islands
- Auto sensor for stop light extension for pedestrians crossing especially middle school children
- Signage reminding drivers to yield to pedestrians



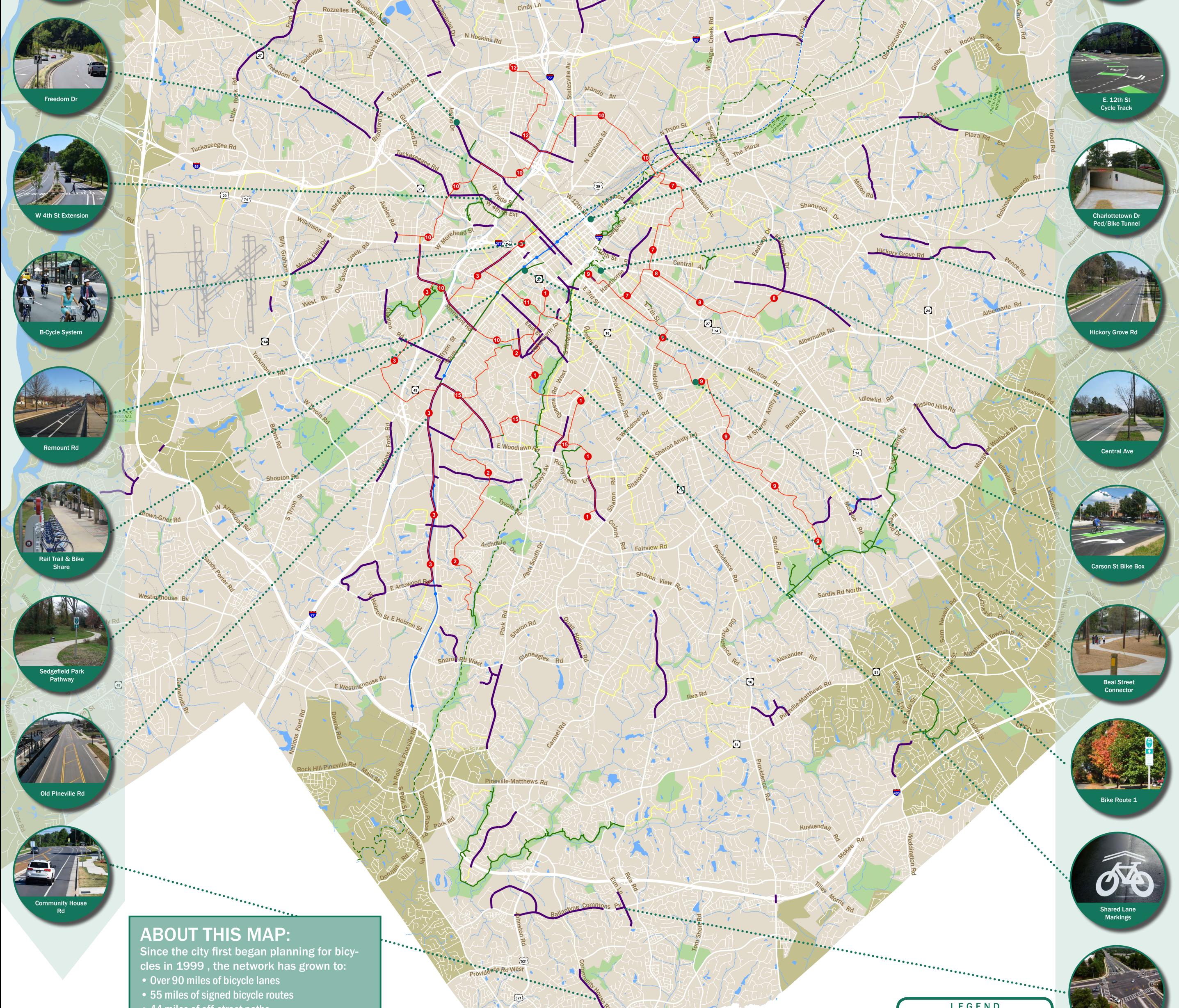
# Charlotte Bicycle Facilities

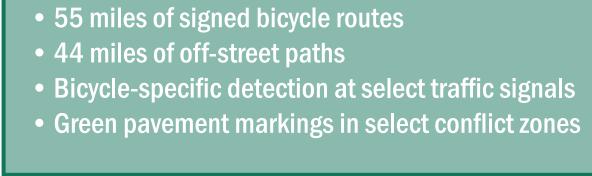


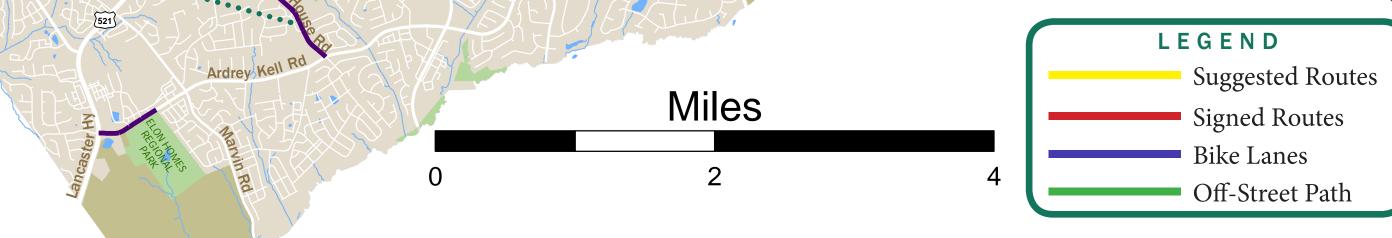
Ballantyne Commons Py & Elm Ln

COMMUNITY

PLAN Creating Charlotte's Future, Together.

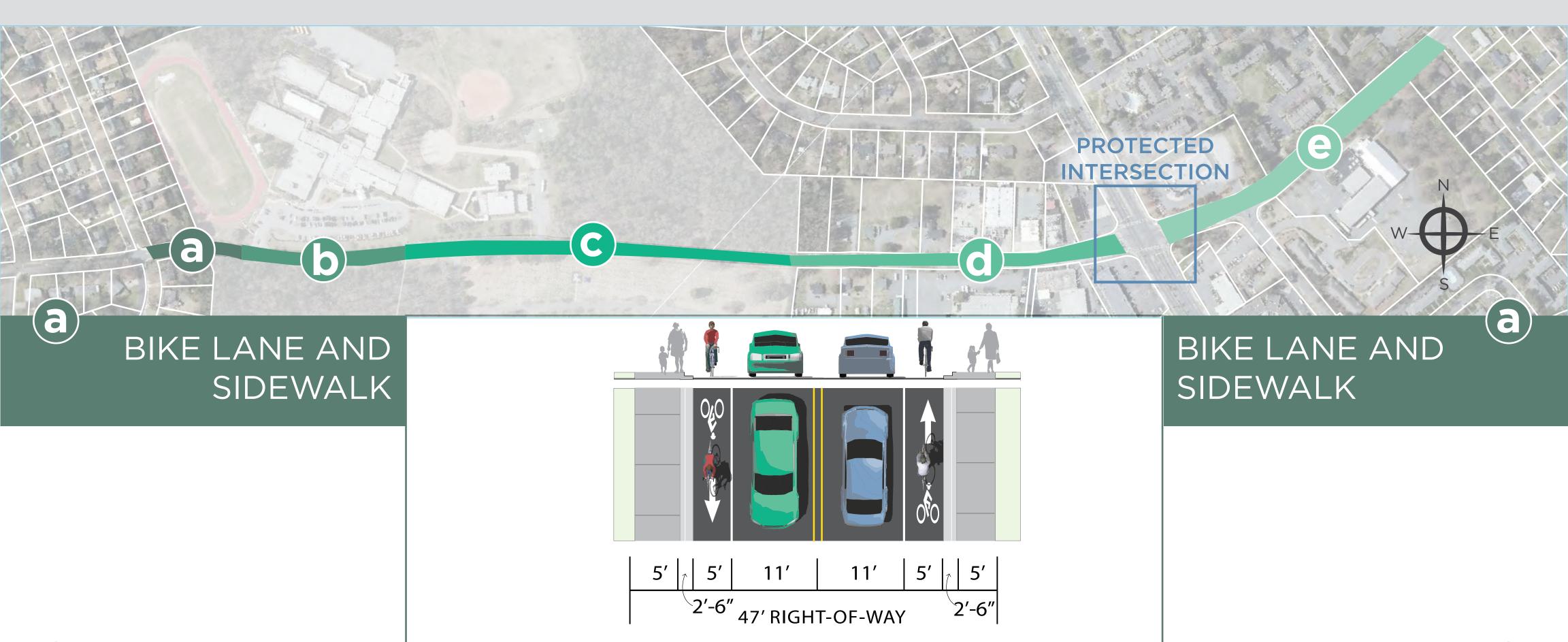








PUBLIC INPUT MEETING Central/Kilborne/Norland Improvements Public Input Meeting - September 28, 2017



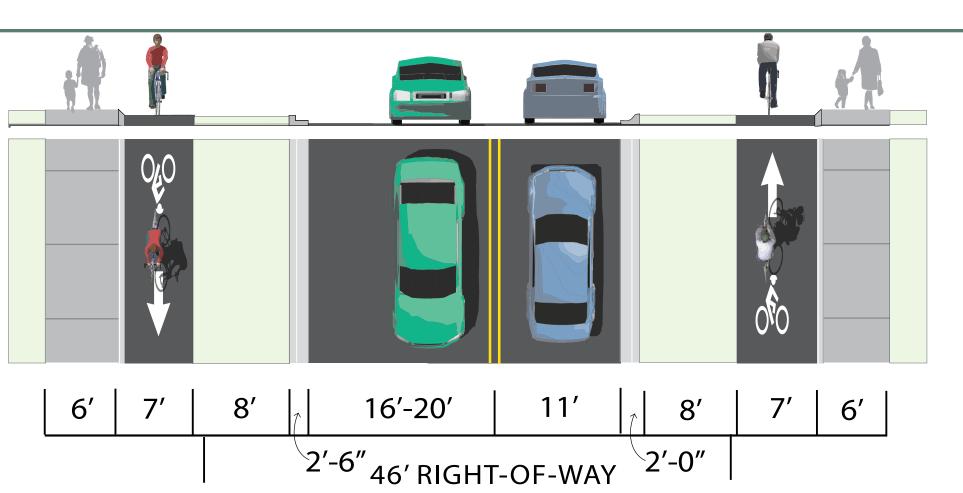
**b** 

C

 $\mathbf{d}$ 

PLANNING + DESIGN

SEPARATED BIKE LANE AND SIDEWALK WITH GRASS BUFFER

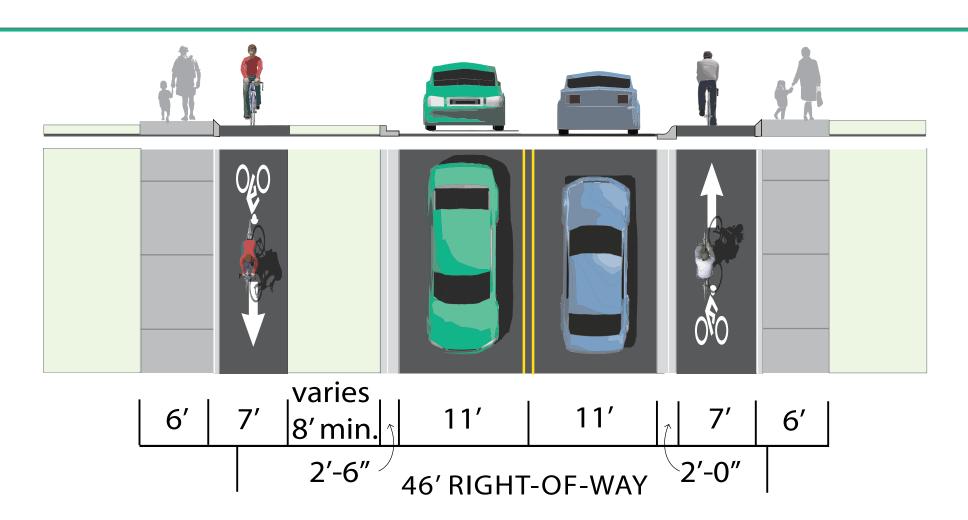


SEPARATED BIKE LANE AND SIDEWALK WITH GRASS BUFFER b

C

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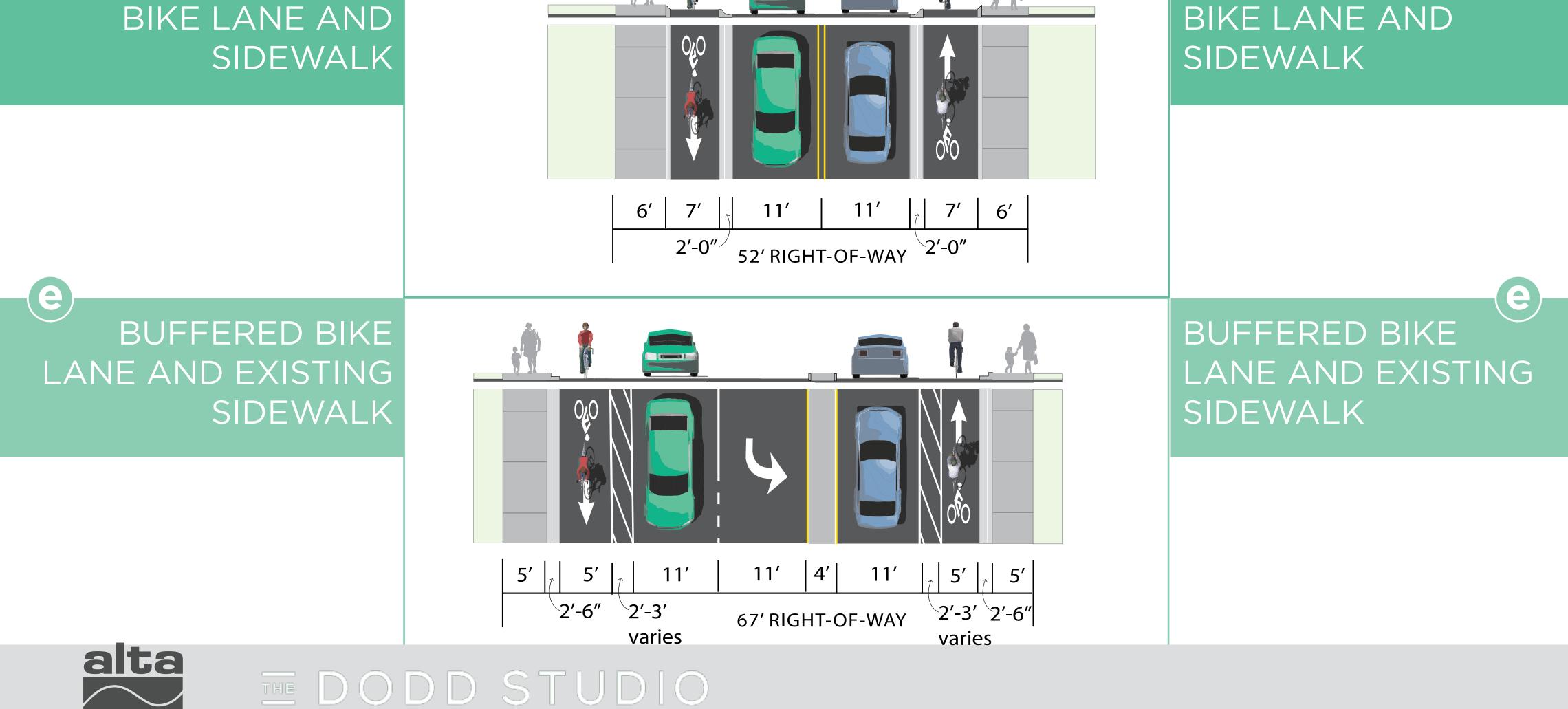
SEPARATED BIKE LANE AND SIDEWALK WITH GRASS BUFFER



SEPARATED BIKE LANE AND SIDEWALK

SEPARATED

SEPARATED BIKE LANE AND



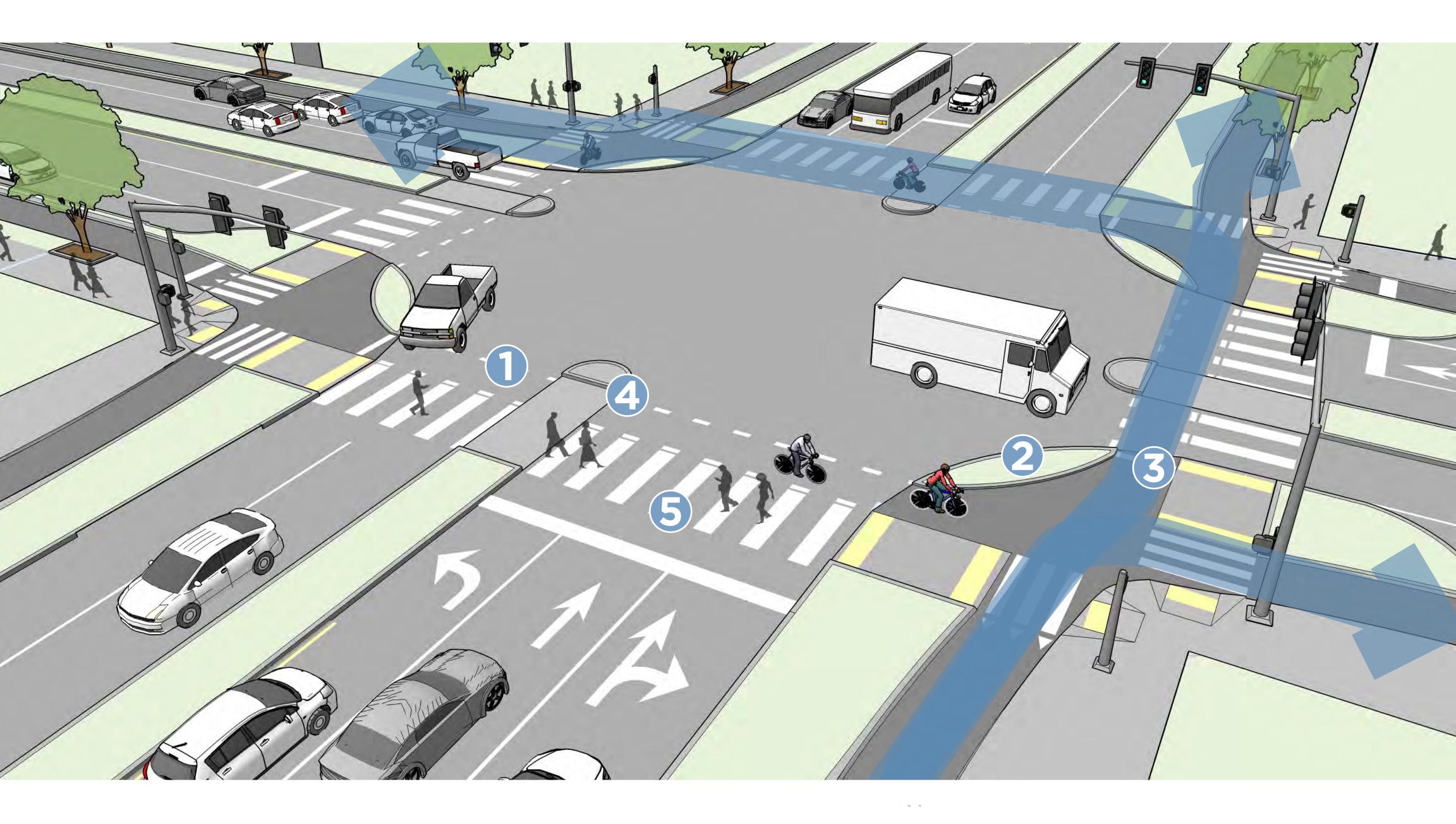


PUBLIC INPUT MEETING Central/Kilborne/Norland Improvements Public Input Meeting - September 28, 2017

# **Protected Intersection**

A protected intersection maintains physical separation within the intersection to:

- Define the turning paths of motor vehicles
- •Slow vehicle turning speed
- •Offer a comfortable place for people bicycling to wait at a red signal

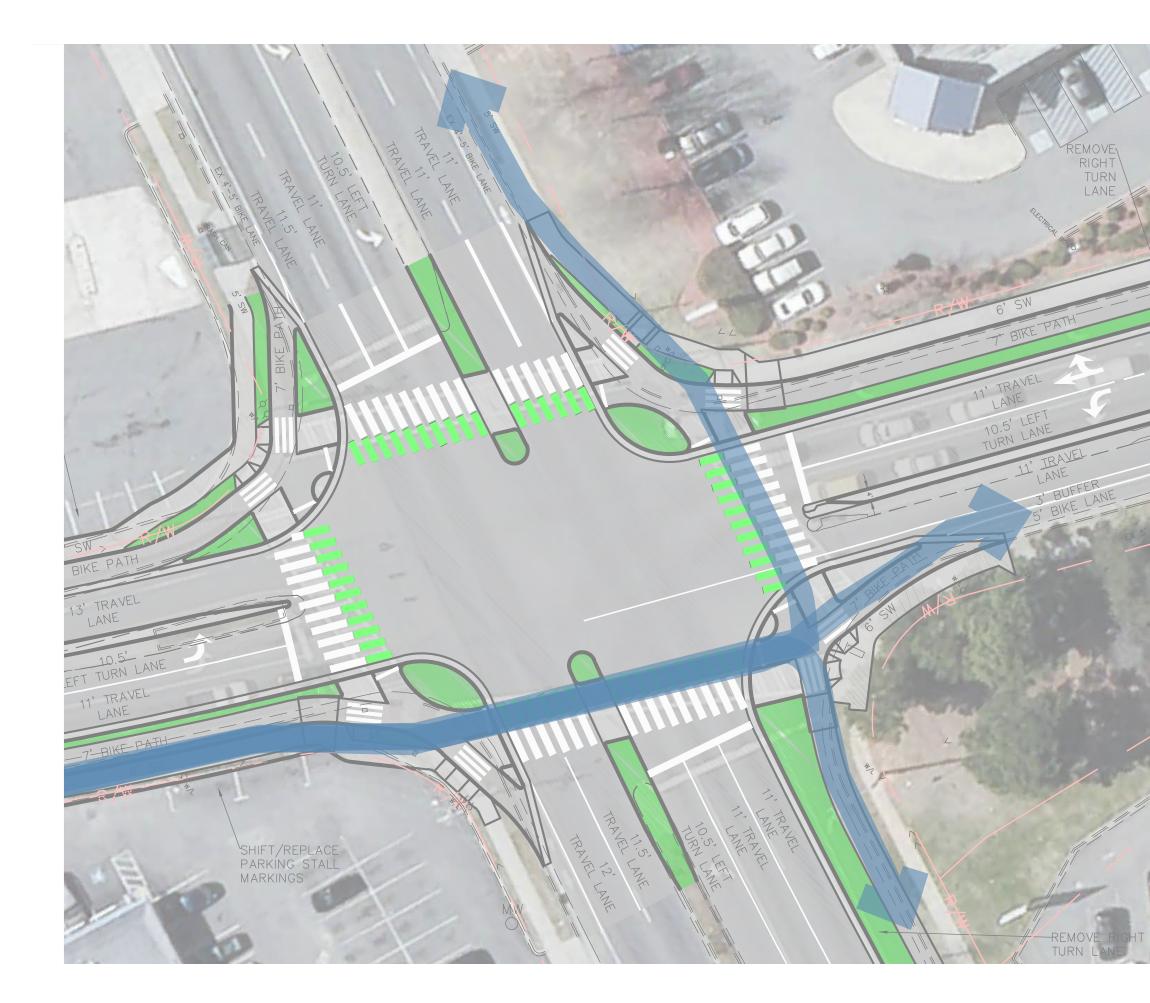


# A number of features make this intersection safer.



Setback bicycle crossing of 20ft allows for one passenger car to queue while yielding.







Tighter corner radius slows motor vehicle speeds.



A forward stop bar indicates the area for people bicycling to wait at a red signal.



A median island extending into the intersection is used to channelize and direct left turning motor vehicles.



Crossing markings are mode specific. White for pedestrians, and Green for bicycles.









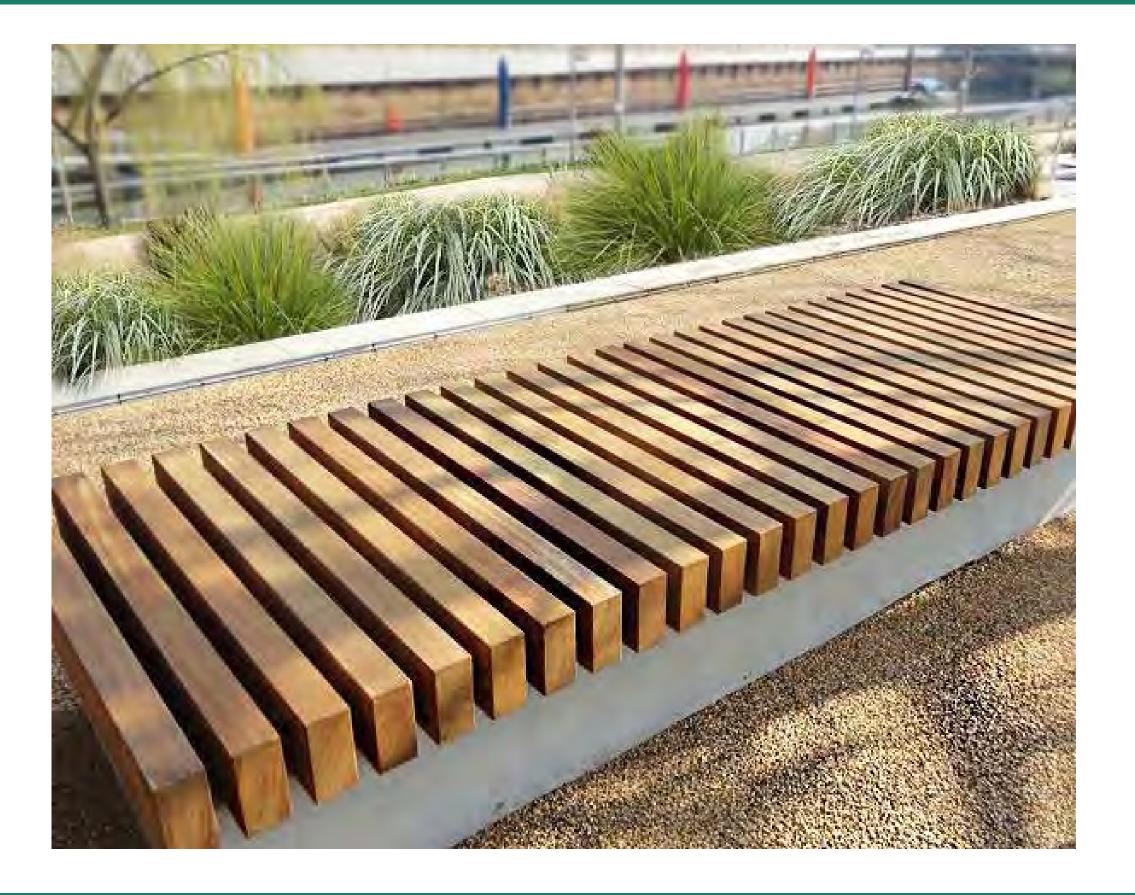
# BIKE PARKING + AMENITIES (BICICLETA APARCAMIENTO + SERVICIOS)







# SEATING (ASIENTOS)





# INSPIRATIONAL ELEMENTS (ELEMENTOS DE INSPIRACIÓN) **City of Charlotte**





# HISTORY STORY TELLING (HISTORIA)







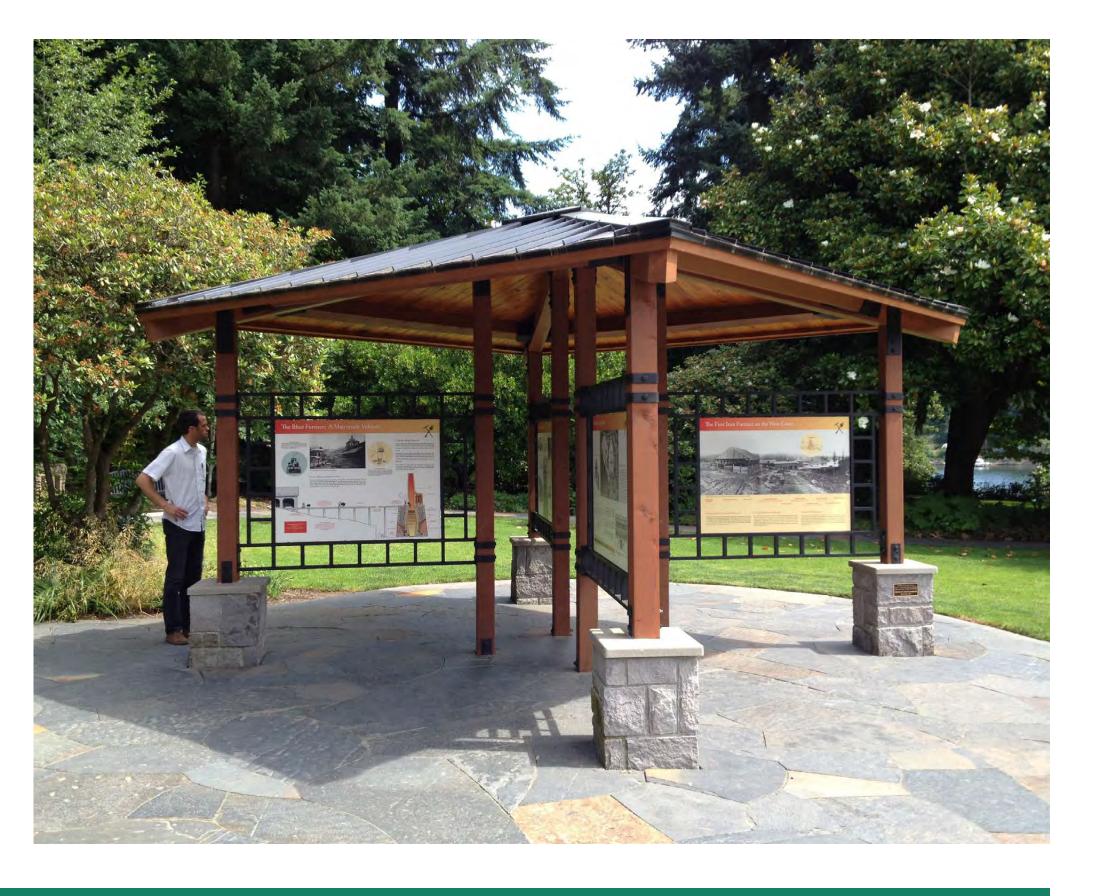
**DODD STUDIO** 



# PLAZA

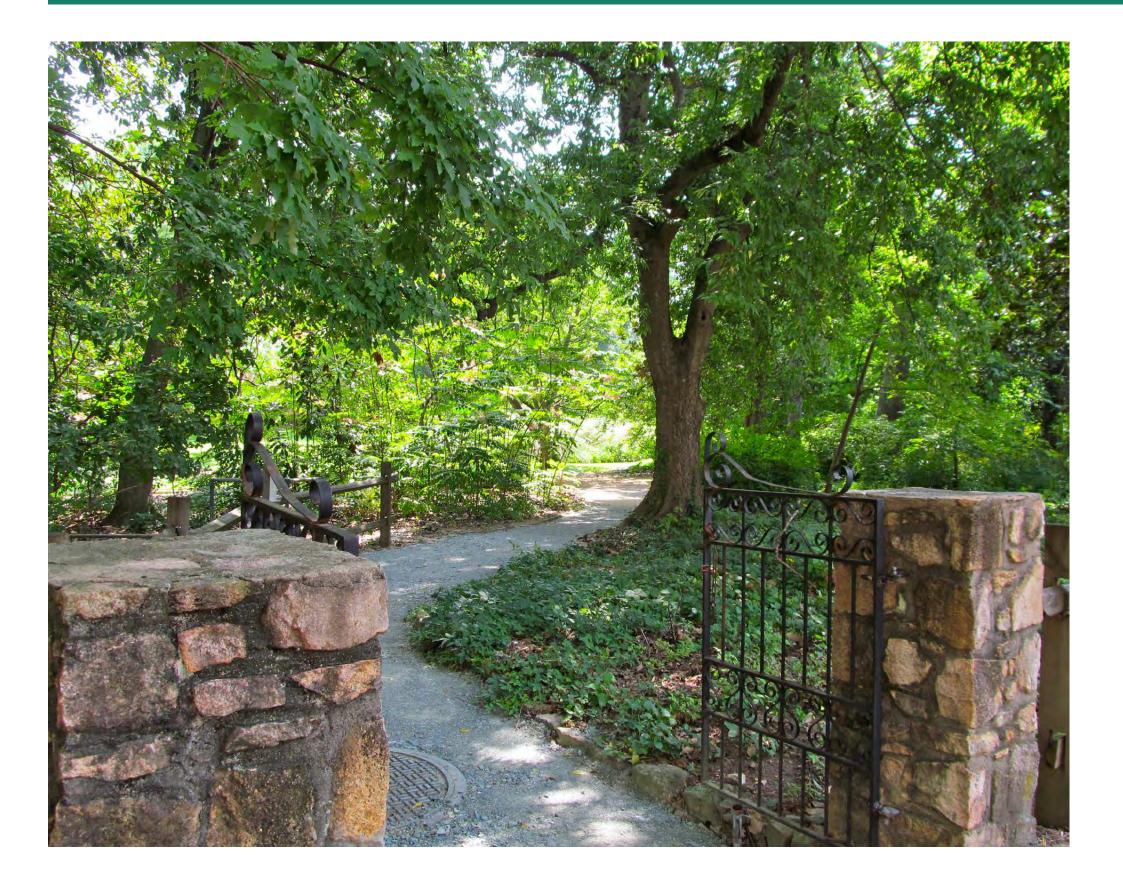


# INSPIRATIONAL ELEMENTS (ELEMENTOS DE INSPIRACIÓN) **City of Charlotte**





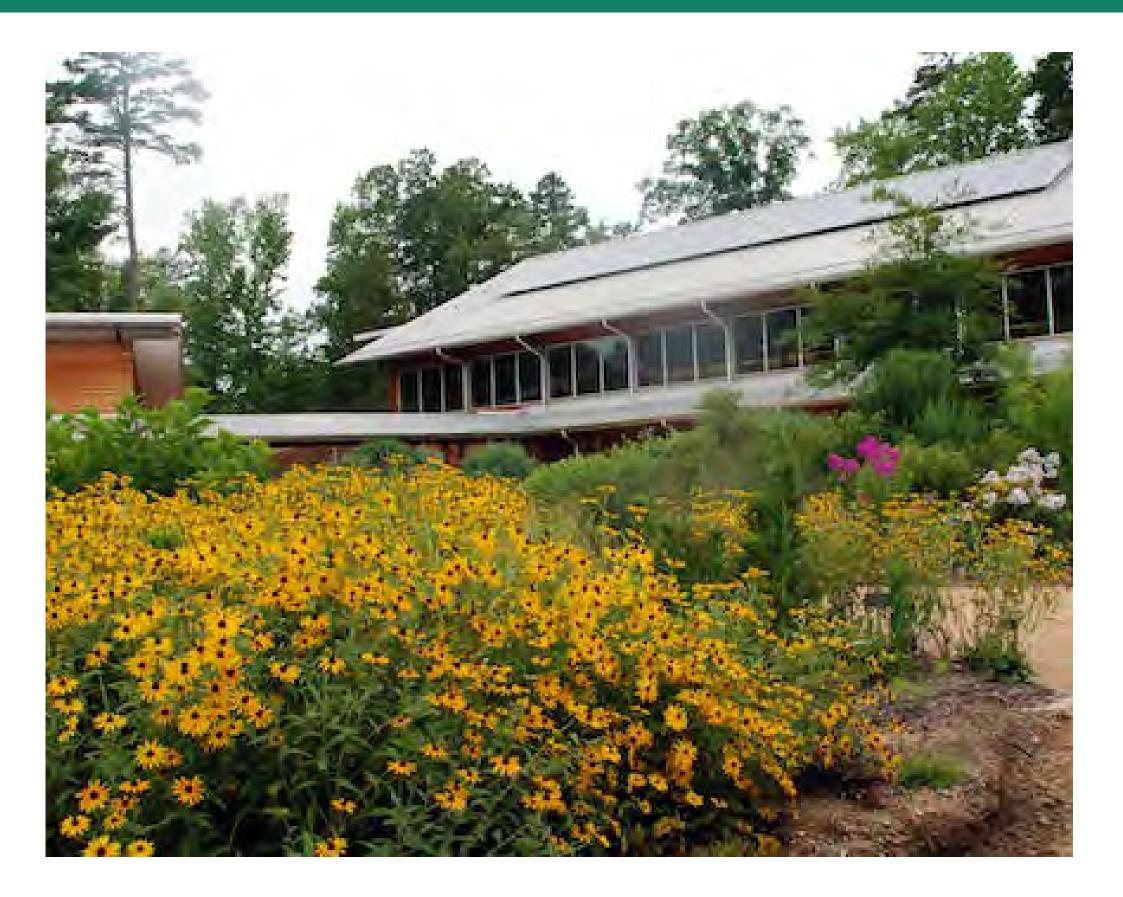








# LANDSCAPING (PAISAJISMO)

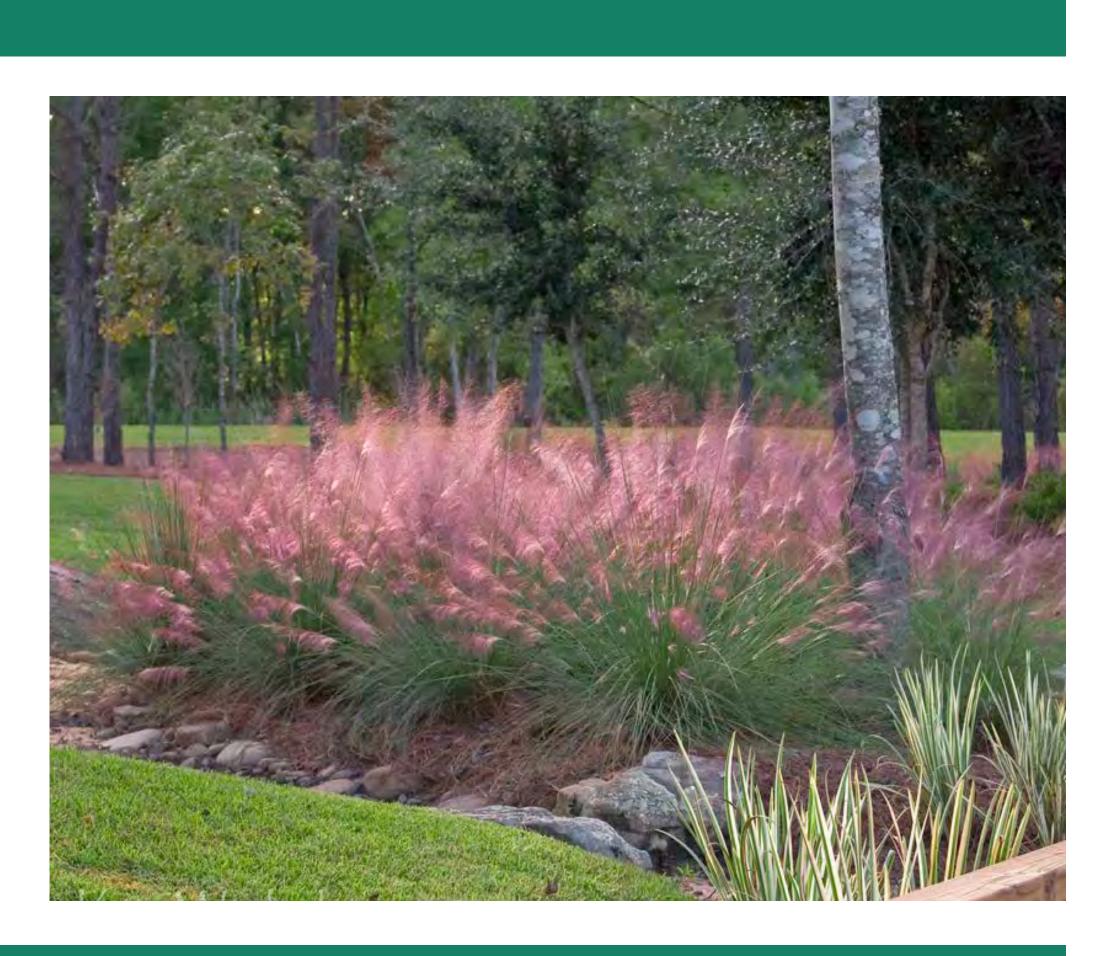


# **ARBORETUM (ARBORETO)**



# INSPIRATIONAL ELEMENTS (ELEMENTOS DE INSPIRACIÓN) City of Charlotte





11

**PROPOSED SHADE TREE (TYP.)** 







**DODD STUDIO** 

# OPEN SPACE CONCEPTS (CONCEPTOS DE ESPACIO ABIERTO) **City of Charlotte**

## -PLAZA/STAGE (ESCENARIO)

# WHAT DO YOU LIKE? ¿QUÉ LE GUSTA?

# **SEAT WALLS (INTERPRETIVE HISTORY/PUBLIC ART)** PAREDES DE ASIENTOS (HISTORIA INTERPRETATIVA / ARTE PÚBLICO)

PLAZAS/HARDSCAPE (PLAZAS/ÁREAS PLANA) \_\_\_\_\_ ORNAMENTAL TREES (ÁRBOLES ORNAMENTALES) (TYP.)

**EXISTING TREE (TYP.)** (ÁRBOL EXISTENTE)

11

**PROPOSED SHADE TREE (TYP.)** (ÁRBOL DE SOMBRA PROPUESTO)







**DODD STUDIO** 

PRIVATE PROPERTY (PROPIEDAD PRIVADA) **POTTER ROAD INTERPRETIVE PATH** (CAMINO INTERPRETATIVO DE POTTER ROAD)

LAWN (CÉSPED)

OPEN SPACE CONCEPTS (CONCEPTOS DE ESPACIO ABIERTO) **City of Charlotte** 

Scale: 1" = 20'

**BIKE PARKING / FIX-IT** STATION (ESTACIONAMIENTO **DE BICICLETAS / ESTACIÓN DE BICICLETAS**)

-SHRUBS/GRASSES (ARBUSTOS / HIERBAS) **PASSIVE NOOK** (RINCÓN)

40

WHAT DO YOU LIKE? ¿QUÉ LE GUSTA?

# WHAT DO YOU DISLIKE? ¿QUÉ NO LE GUSTA?



**EXISTING TREE (TYP.)** (ÁRBOL EXISTENTE)

(1 )

**PROPOSED SHADE TREE (TYP.)** (ÁRBOL DE SOMBRA PROPUESTO)



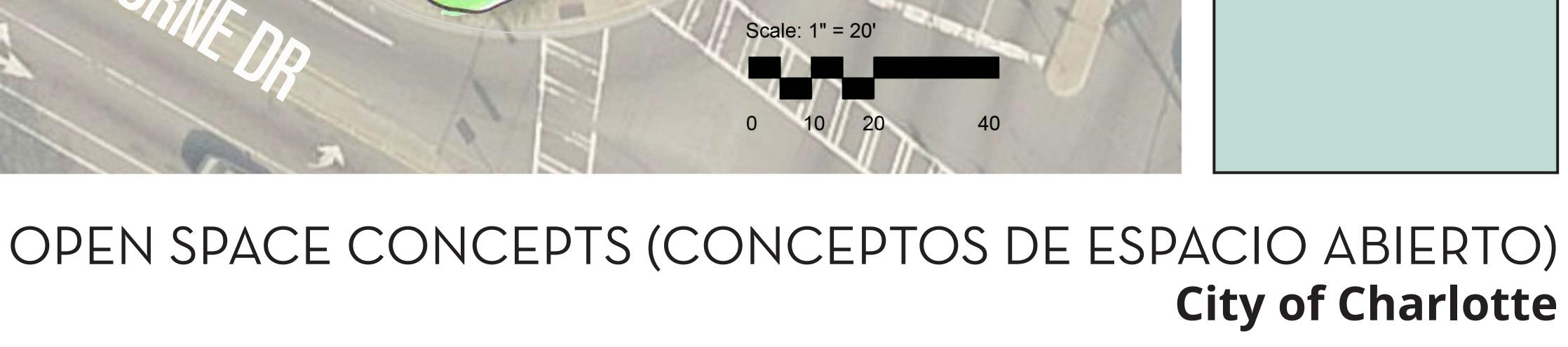




**DODD STUDIO** 

**POTTER ROAD INTERPRETIVE PATH** (CAMINO INTERPRETATIVO DE POTTER ROAD) **SEAT WALLS (INTERPRETIVE HISTORY/PUBLIC ART)** PAREDES DE ASIENTOS (HISTORIA INTERPRETATIVA / ARTE PÚBLICO)

**PRIVATE PROPERTY (PROPIEDAD PRIVADA)** 



WILDFLOWERS (ARBUSTOS O

SHRUBS OR FLORES SILVESTRES)

**BIKE PARKING / FIX-IT** 

**BICICLETAS**)

**STATION (ESTACIONAMIENTO** 

**DE BICICLETAS / ESTACIÓN DE** 

**ENTRY PLAZA** 

(ENTRADA)

# WHAT DO YOU DISLIKE? ¿QUÉ NO LE GUSTA?

# WHAT DO YOU LIKE? ¿QUÉ LE GUSTA?

# POTTER ROAD INTERPRETIVE PATH (CAMINO INTERPRETATIVO DE POTTER ROAD)/

EXISTING TREE (TYP.) (ÁRBOL EXISTENTE)

(1 1)

SEAT WALL (CONCRETE OR STONE - TYP. PARED DE ASIENTO (CONCRETO O PIEDRA)







THE DODD STUDIO

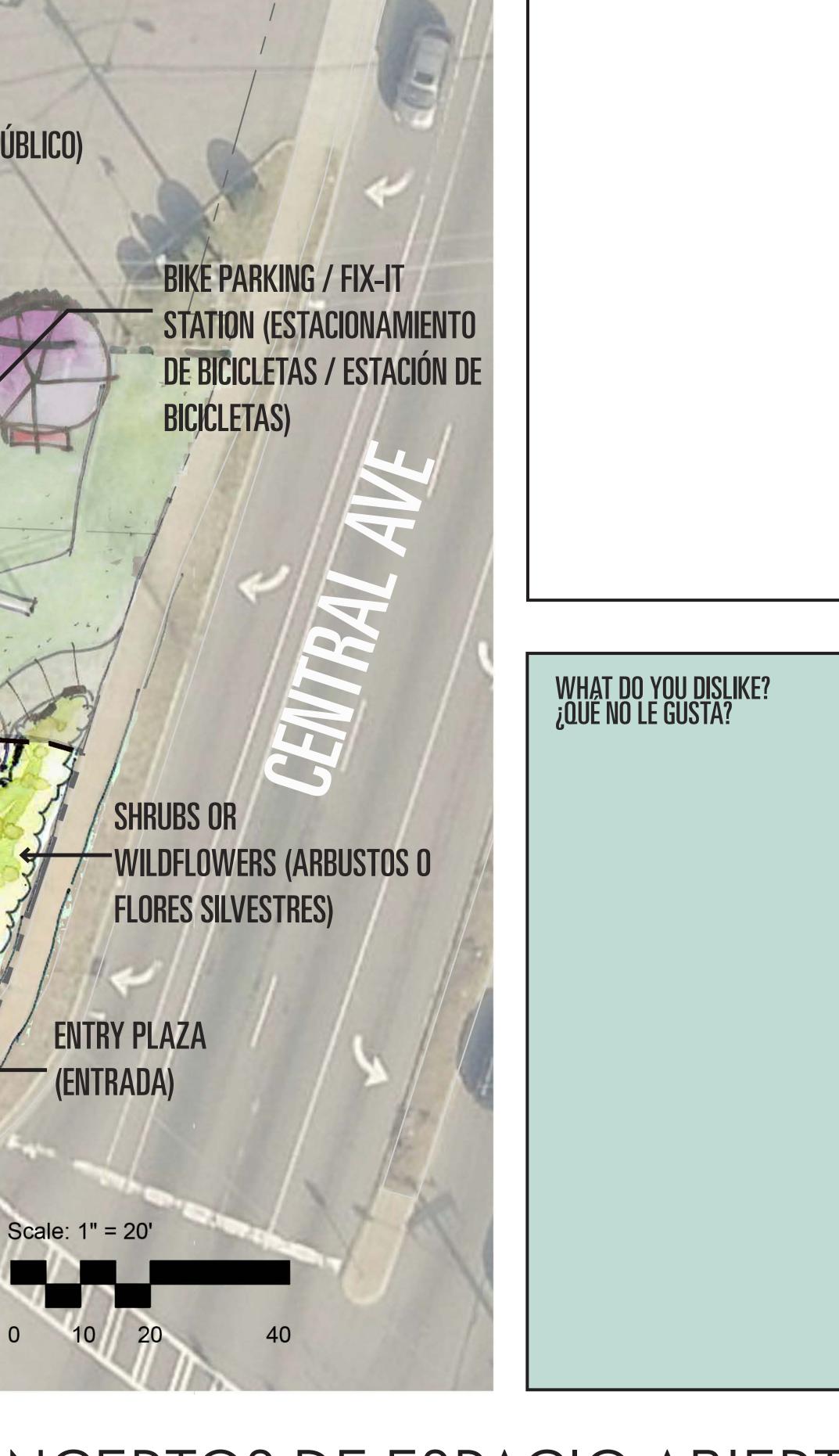
- ORNAMENTAL TREES (ÁRBOLES ORNAMENTALES) (TYP.) SEAT WALLS (INTERPRETIVE HISTORY/PUBLIC ART) PAREDES DE ASIENTOS (HISTORIA INTERPRETATIVA / ARTE PÚBLICO)

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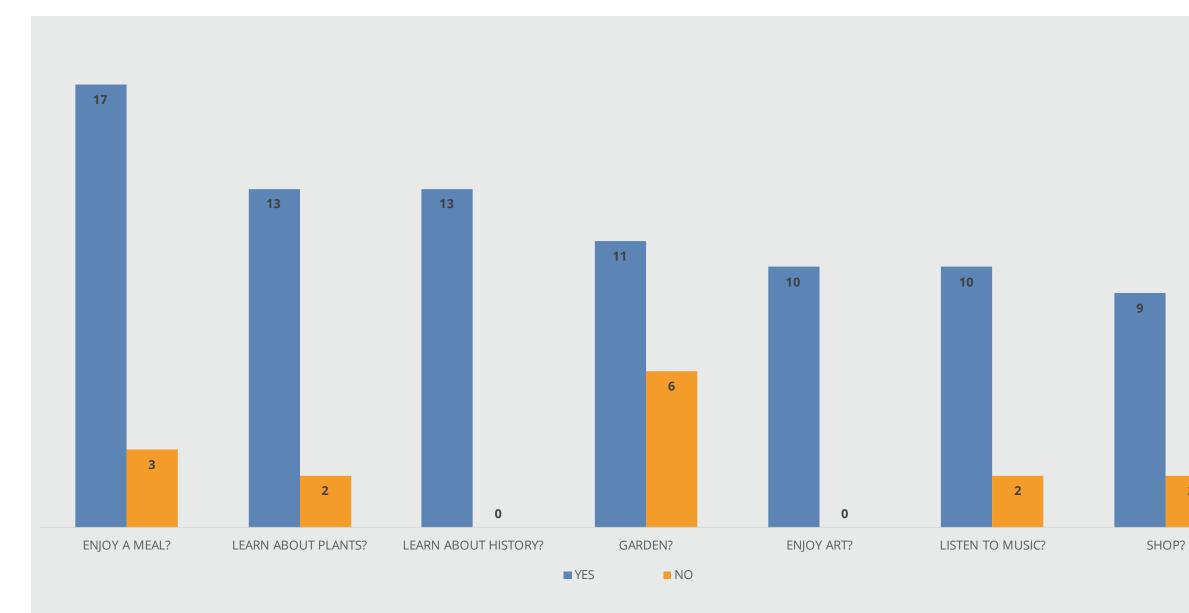


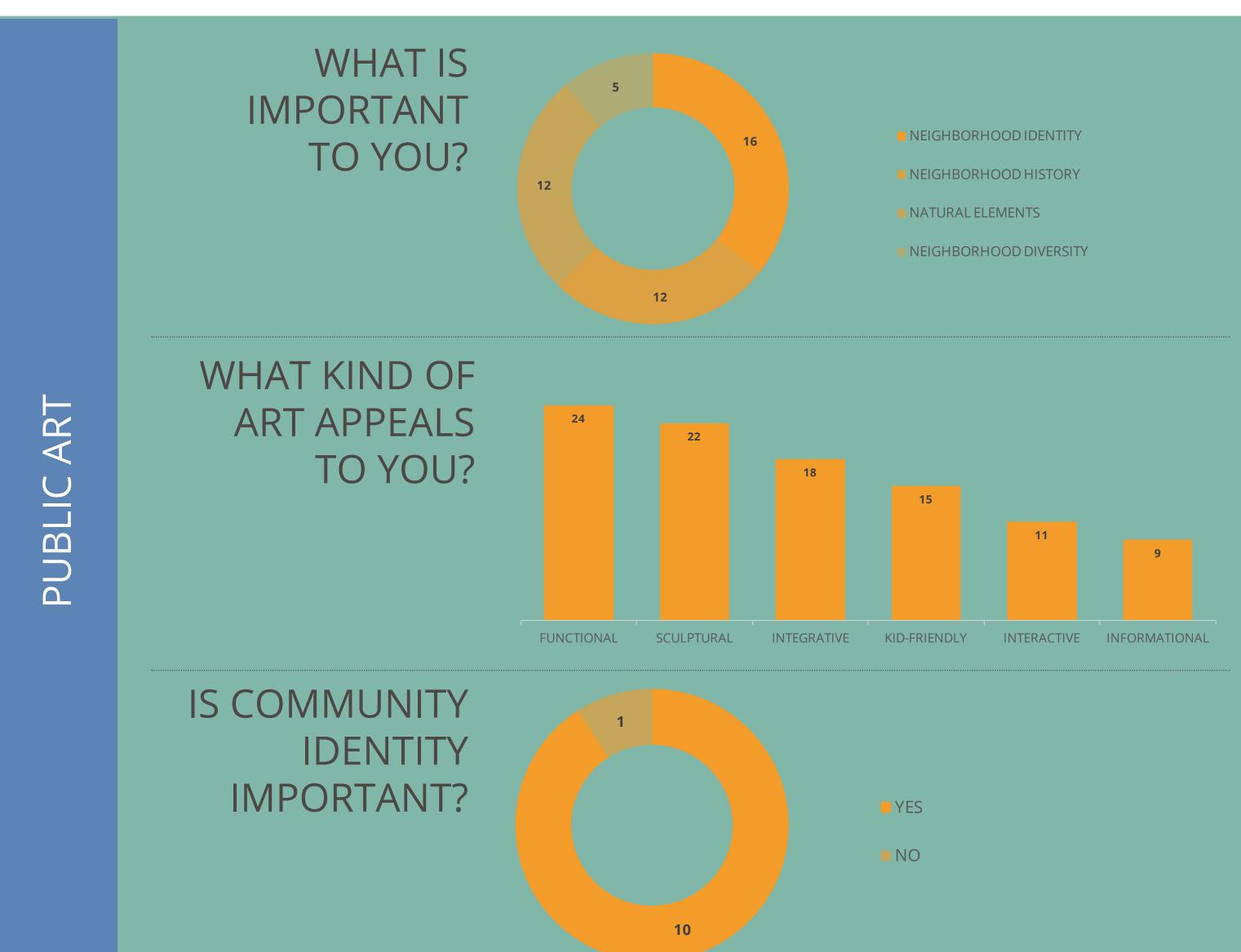
WHAT DO YOU LIKE? ¿QUÉ LE GUSTA?

# PTOS DE ESPACIO ABIERTO) City of Charlotte

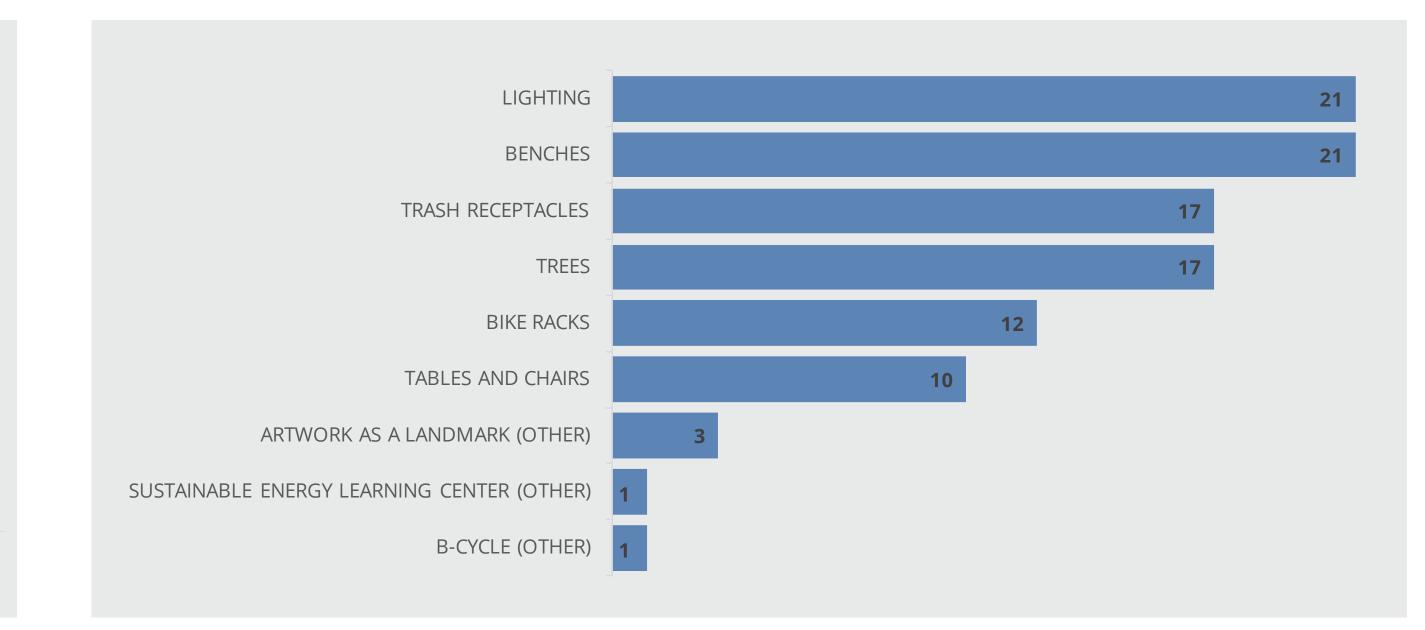
# WHAT WE HEARD ON JUNE 1<sup>st</sup> **PUBLIC SPACE ELEMENTS**

# WOULD YOU COME HERE TO...

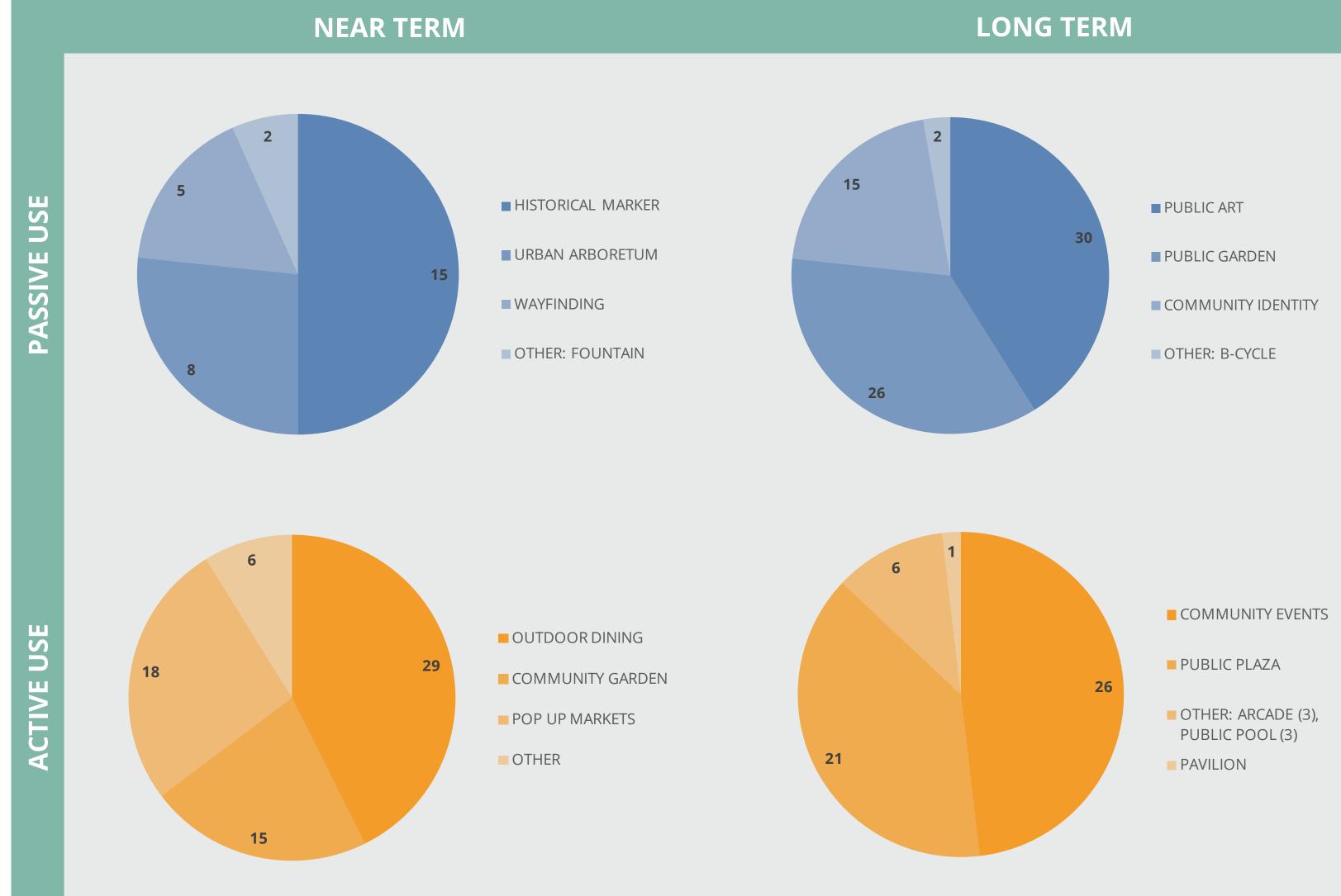




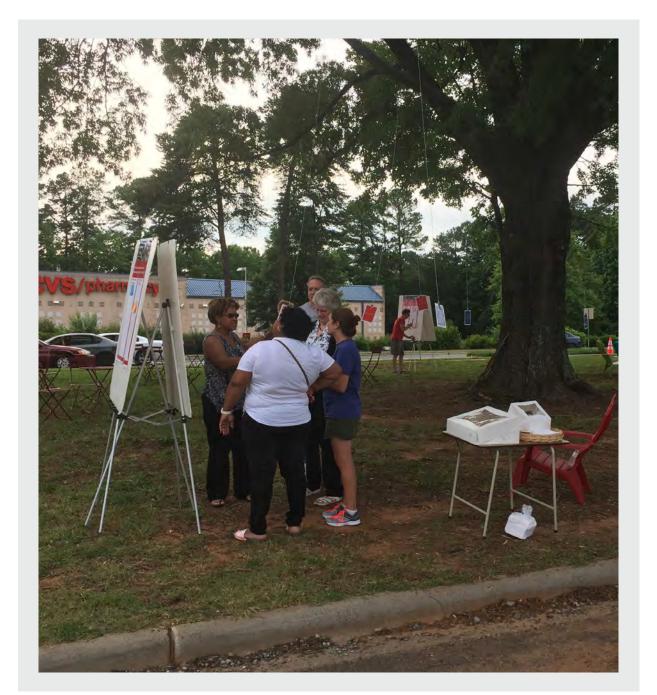
# WHAT WOULD YOU MOST LIKE TO SEE IN THE SPACE?



# WHAT DO YOU ENVISION?



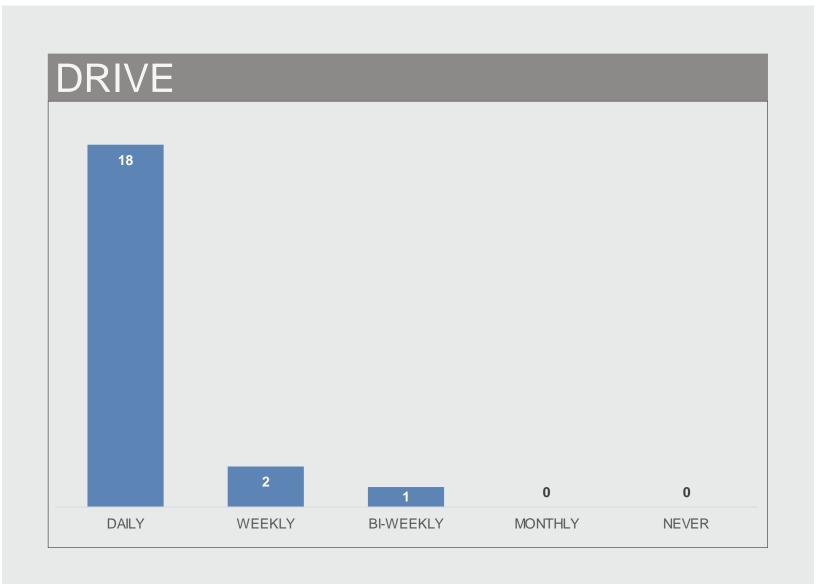


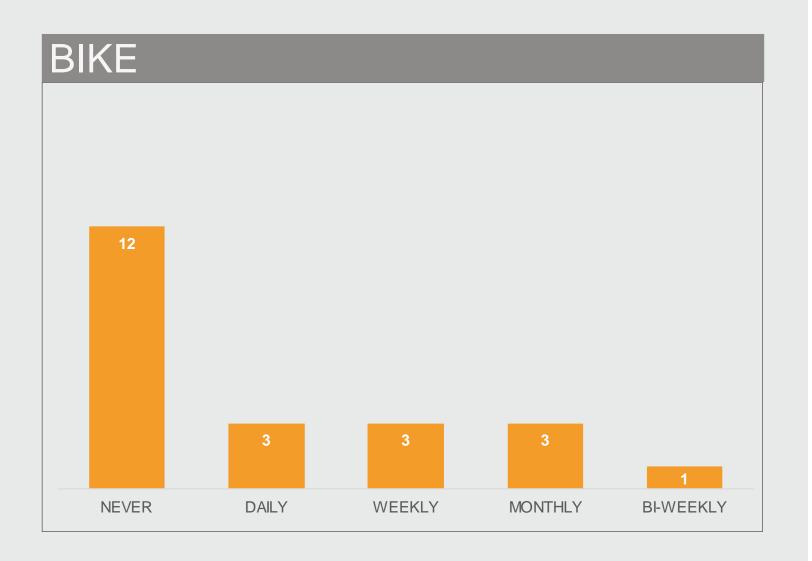


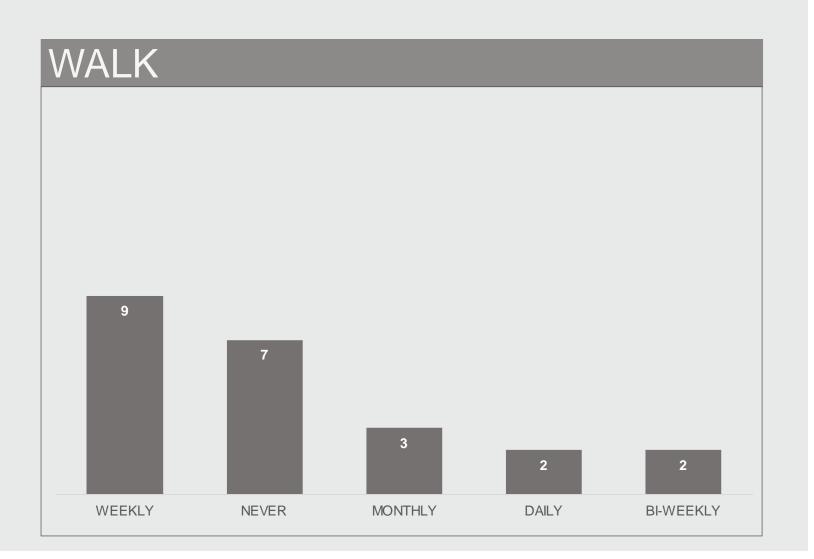
# WHAT WE HEARD ON JUNE 1<sup>st</sup> **BICYCLE & PEDESTRIAN CONNECTIONS**

## HOW OFTEN DO YOU WALK, BIKE, & DRIVE ALONG THE CORRIDOR?

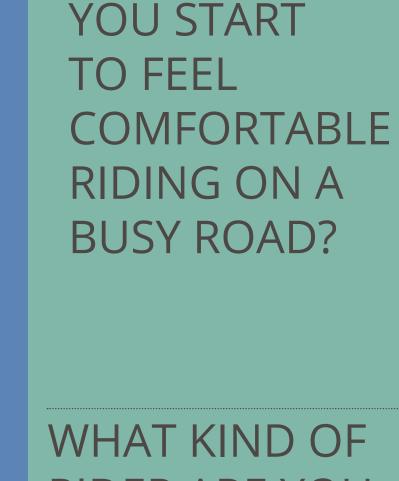
# **CORRIDOR**?









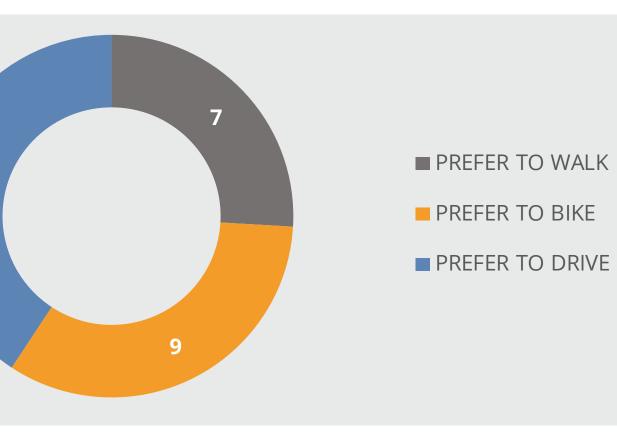


BIKING

WHAT KIND OF **RIDER ARE YOU** & WHO SHOULD THE CORRIDOR **BE DESIGNED** FOR?

WHEN WOULD

# HOW WOULD YOU PREFER TO USE THE

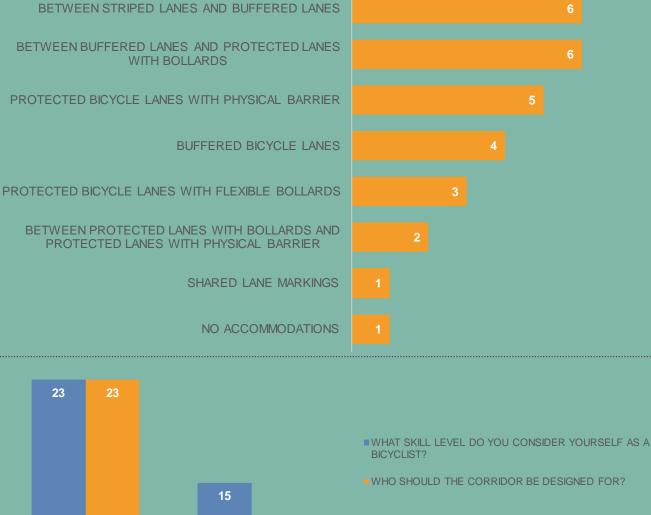


# WHAT PREVENTS YOU FROM WALKING MORE OR AT ALL?





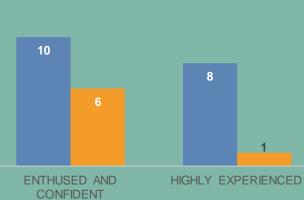
# WHAT WOULD

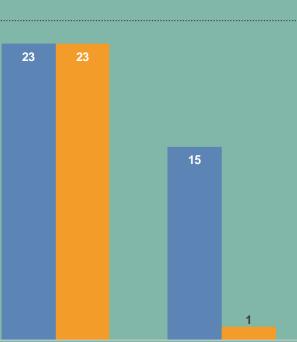


STRIPED BICYCLE LANES

I DO NOT & WILL NOT RIDE A BICYCLE

WITH BOLLARDS

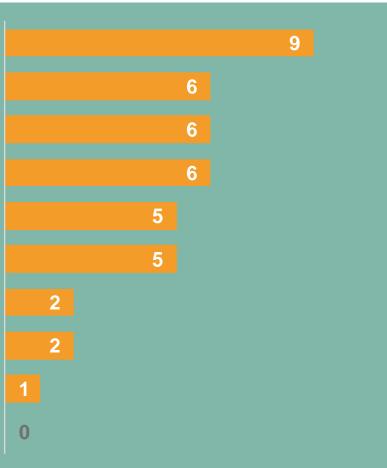




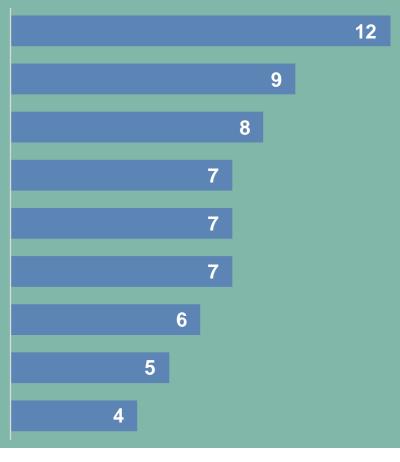
NO WAY NO HOW

INTERESTED BUT CONCERNED





CONCERNS ABOUT PERSONAL SAFETY TOO FAR TO WALK WHERE I GO DIFFICULT STREETS/DRIVEWAYS TO CROSS SIDEWALKS IN POOR CONDITION SIDEWALKS TOO CLOSE TO TRAFFIC LACK OF SIDEWALKS/GAPS INTERSECTION CROSSING TIME SIDEWALKS TOO NARROW NOT INTERESTED IN WALKING PERSONAL HEALTH/MOBILITY ISSUES 0

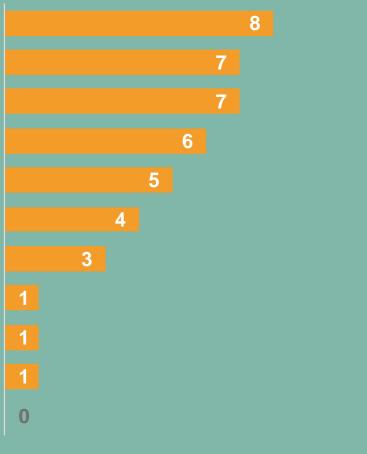


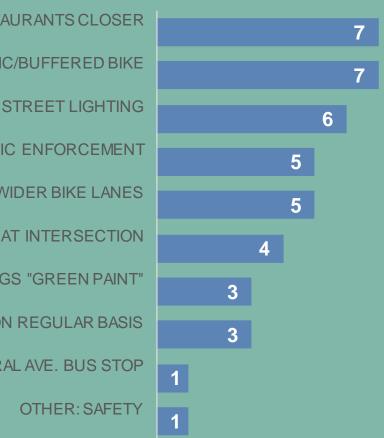
SAFER INTERSECTION CROSSING SHOPPING, PARKS, RESTAURANTS CLOSEF **BETTER STREET LIGHTING** BETTER CONNECTIVITY TO BIKE FACILITIES GREATER SEPARATION FROM TRAFFIC MORE SIDEWALKS/BETTER CONNECTE SIDEWALKS IN BETTER CONDITION IMPROVED STREET AND DRIVEWAY CROSSINGS WIDER SIDEWALKS

## WHAT WOULD **ENCOURAGE YOU** TO WALK MORE?

WHAT

ALL?





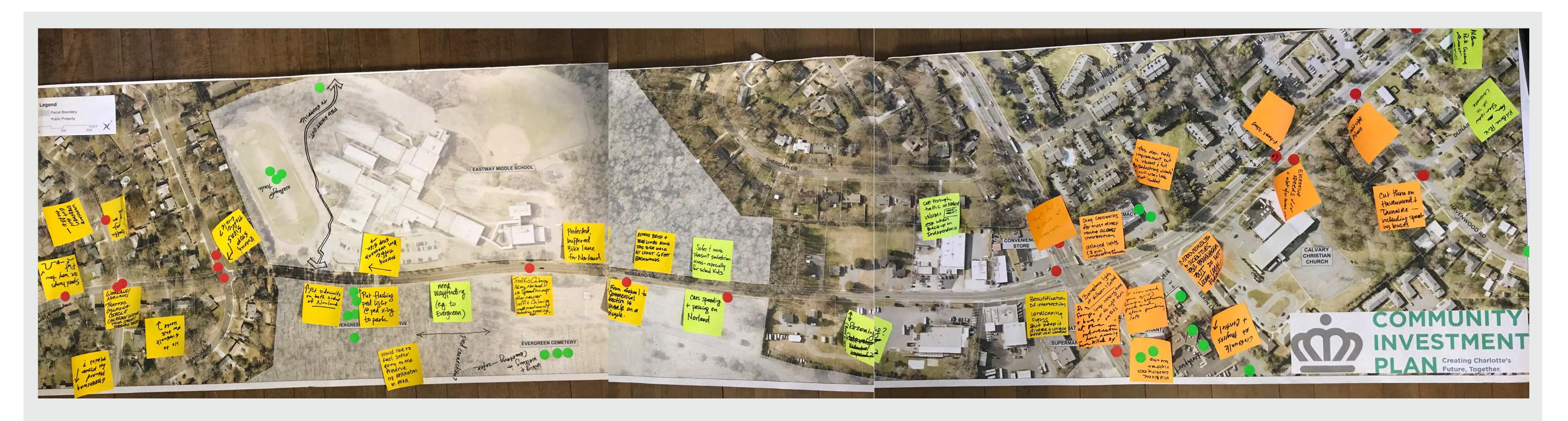
LACK OF BICYCLE LANES NOT INTERESTED IN BIKING DIFFICULT STREETS TO CROSS LACK OF PROTECTED/BUFFERED BICYCLE LANES AMOUNT AND SPEED OF TRAFFIC CONCERNS ABOUT PERSONAL SAFETY INTERSECTION CROSSING TIME OTHER: I LIKE CENTRAL JUST THE WAY IT IS. TOO FAR TO BIKE WHERE I GO STREETS TOO NARROW

PERSONAL HEALTH/MOBILITY ISSUES 0

SHOPPING, PARKS, RESTAURANTS CLOSER SEPARATION FROM TRAFFIC/BUFFERED BIKE LANES BETTER STREET LIGHTING BETTER TRAFFIC ENFORCEMENT WIDER BIKE LANES **BICYCLE DETECTION AT INTERSECTION** IMPROVED BIKE MARKINGS "GREEN PAINT" BIKE LANES "CLEANED" ON REGULAR BASIS OTHER: CROSSING AT CENTRAL AVE. BUS STOP

ENCOURAGE YOU TO BIKE MORE?

# WHAT WE HEARD ON JUNE 1<sup>st</sup> **CORRIDOR IMPROVEMENTS**



#### TRAFFIC CALMING

- Excessive speeds
- Excessive U-turns
- Excessive cut through traffic
- Recommendations from residents:
  - traffic circles
  - pedestrian safety islands

#### SAFETY ENHANCEMENTS

- Safety for all users is desired
- Recommendations from residents:
  - Lighting
  - Wider sidewalks
  - Sidewalks on both sides of the corridor
  - Additional protected bike lanes
  - Widening of the existing bike lanes
  - Lighted mid-block crossings at the Preserve, Kilborne
  - Park, and bus stops along Central Avenue



#### **BEAUTIFICATION +** LOCAL CHARACTER

• Harness, reflect and celebrate the unique and diverse neighborhood character

- Recommendations from residents:
  - Art
  - Lighting
  - Landscaping
  - Signs





#### **INTERSECTION IMPROVEMENTS**

- The Central/Kilborne/Norland intersection is unsafe and unwelcoming.
- Recommendations from residents:
  - Signs
  - Traffic control with delayed lights, barnstance lights, no right on red
  - Sufficient crossing time for pedestrians
  - Pedestrian safety islands
  - Medians
  - Enhanced crosswalks
  - Wider bike lanes
- Other intersections with safety concerns include:
  - Norland Road and Dresden Drive
  - Norland Road and Woodland Drive
  - Kilborne Drive and Havenwood Road.

