

Appendix B – Meeting Summaries

You're Invited

**Wednesday,
Feb. 7, 2018**

**Location: BCDCOG
Conference Room
1362 McMillan Ave #100
North Charleston, SC
29405**

Time: 10 am - 12 pm



Regional Park and Ride Study

Employer Stakeholder Meeting



Contact:

*Sharon Hollis, BCDCOG Principal Planner
843.529-0400x258 / sharonh@bcdcog.com*

Meeting Minutes

Date: February 7, 2018

For: BCDCOG Park and Ride Study

From: Emily Swearingen (864)-234-2261

Subject: Stakeholder Advisory Group Meetings (Employer Group)

Attendees:

Name	Organization
Sharon Hollis	BCDCOG
John Runyon	MUSC
Kim Perry	Blackbaud
Wes Wilson	Boeing
Emily Swearingen	AECOM
Patrick Tyndall	AECOM
Bob Walker	Trident Technical College
Natalie Lawrence	Joyst Communications
Michelle Emerson	BCDCOG
Nina Magnesson	Boomtown
Sonya Allen	College of Charleston
Gail Shopshire	Boeing
Deb Campeau	Trident Health

Introductions

- The meeting began with introductions of all attendees.

Discussion

- Sharon Hollis kicked the meeting off with an explanation of this committee and why the study is being done and how it fits into other studies in the region.
- Emily Swearingen then discussed the existing data the AECOM team has already gathered and then gave examples of what Park and Rides look like in other areas. Emily also gave an overview of Park and Ride siting considerations and how the team will go about identifying future PNR sites.
- Nina from Boomtown noted that they are interested in bringing the community together and there will be 3 major tech campuses within a ½ mile of each other.
- Wes from Boeing described their parking situation.
- Kim from Blackbaud mentioned that they have 1300 employees in the Daniel Island area.
- John from MUSC is a CARTA representative and discussed how MUSC runs shuttle services for parking near their facility.
- Bob from Trident Tech mentioned that they have 4 campuses and are a 100% commuter school, no dorms. He said that most of their students and employees come from 29485 and 29483 zip codes.
- Deb from Trident Health noted that an express bus comes right past their door but does not stop.
- Sonya from College of Charleston noted that they have 2,000 employees and 11,000 students and not nearly enough room for all of them to park.
- One employer mentioned that the bang for the buck is not the Park it's the RIDE. He feels that there needs to be more buses coming around more frequently with expanded routes.
- Doesn't feel that the transit agencies are friendly towards commuters.
- Daniel Island has no transit service.
- Several folks felt that the LowcountryGO app would help when it is released.

- 14,000 express bus riders go to MUSC with MUSC paying for the service.
- Boeing says the express bus routes do not match up with their shift times.
- MUSC and CofC pay 100% of the express bus route bus fees so the riders are riding for free. Basically the service runs every 30 minutes during peak hours of the day.
- MUSC and CofC believe there's an overblown fear of not be able to get home during an emergency. What if my kid gets sick at school or I have a doctors appointment? A guaranteed ride home program would help solve this problem. And Uber.
- MUSC and CofC would like to see more bus frequency.
- CofC parking permit for a study is currently in the \$400-\$600 range per semester.
- Trident Health and Charleston Southern need bus service.
- The idea of a "corporate neighborhood" where several employers come to CARTA to fund Express Bus Service to their business park was discussed and seems to hold merit.
- Transit Service to the Naval Weapons Station was discussed. CARTA used to have a bus route there on the weekends but now Uber and Lift are servicing that area. CARTA route no longer in operation.
- MUSC thinks the disadvantage of the Citadel Mall site for a Park and Ride is that it's too close to their campus. If folks are going to drive in that far, it's only another few miles.
- MUSC says we need a new PNR site that is further out towards Johns Island, Kiawah, and Hollywood riders.
- Trident Health – make sure David Pilch from SCDOT is involved in this study.
- Trident Health says the Berkeley County side of I-26 would be better for a Park and Ride location because that's where a lot of new subdivisions are being built and have been approved. 85,000 new building permits have been approved over the past 10 years or so. Most of that hasn't been built yet.
- Look towards future PNR in areas from Jedburg in towards Charleston. Once you get past Jedburg Road, it's mostly industrial development, not residential.
- Boeing noted that park and rides and transit service is tough for them. They have a strict "3 strikes and you are out" attendance policy. If an employee is late 3 times they can lose their job. That may be why most Boeing employees are not using the existing 2 bus stops. Boeing has an internal shuttle service to get employees from the various parts of their parking lot to the front door. Also, Boeing has plenty of available free parking. "Going to Boeing" employee shuttle.
- Boeing is in the beginning stages of vanpool and carpool, and the Site Director is a supporter of these efforts. New program launched in August of 2017.
- Vonnie Gilbreath at the BCDCOG has the data on where Boeing employees live.
- Trident Health says they are out of Parking.

The meeting adjourned at 11:45am

You're Invited

**Wednesday,
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**Location: BCDCOG
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North Charleston, SC
29405**

Time: 2 pm - 4 pm



Regional Park and Ride Study

Project Stakeholder Committee Meeting



Contact:

*Sharon Hollis, BCDCOG Principal Planner
843.529-0400x258 / sharonh@bcdkog.com*

Meeting Minutes

Date: February 7, 2018

For: BCDCOG Park and Ride Study

From: Emily Swearingen (864)-234-2261

Subject: Stakeholder Advisory Group Meetings (Municipalities Group)

Attendees:

Name	Organization
Sharon Hollis	BCDCOG
Wiley Johnson	Town of Summerville
Pete Gorman	Town of Summerville
Kristen Crane	Town of James Island
Emily Swearingen	AECOM
Patrick Tyndall	AECOM
Kara Browder	City of Goose Creek
Natalie Lawrence	Joyst Communications
Charles Drayton	City of North Charleston
Brad Morrison	City of Mount Pleasant
Adam Payne	SCDOT
Robert Somerville	City of Charleston
Michael Mathis	City of Charleston
Alison Simmons	Berkeley County
Gerald Lahm	Charleston County
M. Descah??	Town of Summerville

Introductions

- The meeting began with introductions of all attendees.

Discussion

- Sharon Hollis kicked the meeting off with an explanation of this committee and why the study is being done and how it fits into other studies in the region.
- Emily Swearingen then discussed the existing data the AECOM team has already gathered and then gave examples of what Park and Rides look like in other areas. Emily also gave an overview of Park and Ride siting considerations and how the team will go about identifying future PNR sites.
- North Charleston mentioned that park and ride sites on the edge of the city would be important.
- James Island mentioned they are undergoing a study called “Rethink Folly” and want to do whatever it takes to relieve congestion on Folly Road.
- Town of Summerville wants to make sure this is a positive thing for Summerville and not just an open field where people get on the bus.
- Mt. Pleasant mentioned that they are going thru an LRTP update right now and that areas on the north end of town are attractive for Park and Ride.
- Berkeley county mentioned that we need a more robust transit network.
- There was discussion about some “unofficial” park and ride lots and the Tanger Outlets was mentioned as a place where folks are parking and riding CARTA Route 4. Also the Visitors Center.
- Better wayfinding is needed to lead drivers to the Park and ride locations.
- Hwy 176 was a recommended location.

- Summerville asked for consideration to be given to overnight parking for buses. Summerville also mentioned that some road improvements may be needed near the park and ride locations. May also need to consider going up (parking garage) instead of large surface lots.
- Summerville mentioned that they own the lot at the corner of 6th street and Berlin G. Myers, but not sure that's the best choice for a park and ride lot.
- Using any of the available land from SCDOT would be great.
- North Charleston said it would be great if passengers did not have to switch buses.
- Summerville mentioned that cars were towed from a Park and Ride event during a recent festival and this caused many problems.
- 17A towards Nexton and Carnes Crossroads – this is where the residential growth is occurring.
- Bi-Lo on 61 in West Ashley and Publix on US 17 were mentioned as possible future park and rides.

The meeting adjourned at 3:30pm.

Berkeley Charleston Dorchester Council of Governments

Park and Ride Study

Agenda

- Introductions
- Overview of Existing Studies
- Why Park and Rides, Why Now?
- Existing Park and Rides
- Future Park and Rides
- Project Schedule
- Discussion/Activity

Introductions

01



Project Team

- Sharon Hollis, AICP – BCDCOG Project Manager
- Emily Swearingen, PE – AECOM Project Manager
- Patrick Tyndall, AICP – AECOM Planner
- Natalie Lawrence – Joyst Communications

Overview of Existing Studies

02



BCDCOG Studies

- 2040 CHATS Long Range Transportation Plan (LRTP)
- I-26 Fixed Guideway Transit Alternatives Analysis Study
- Regional Transit Framework Plan
- Travel Demand Management Plan
- Other Studies

2040 CHATS Long Range Transportation Plan

- A 25 year look ahead to prioritize transportation projects
- Currently Underway

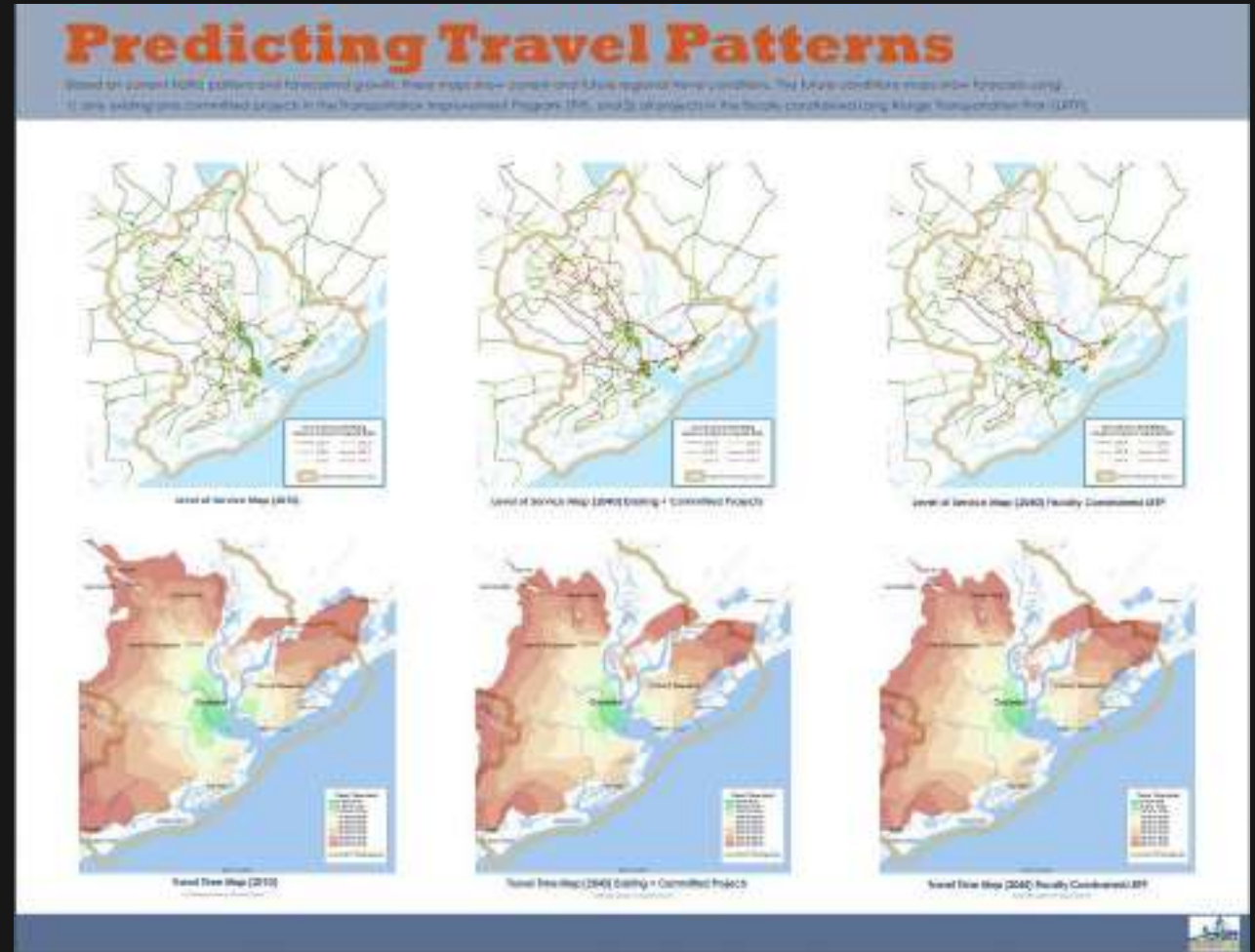


Image source: www.chats2040.com

I-26 Fixed Guideway Transit Alternatives Analysis Study

- An effort to identify and evaluate transit solutions for I-26 corridor.
- Completed in 2016

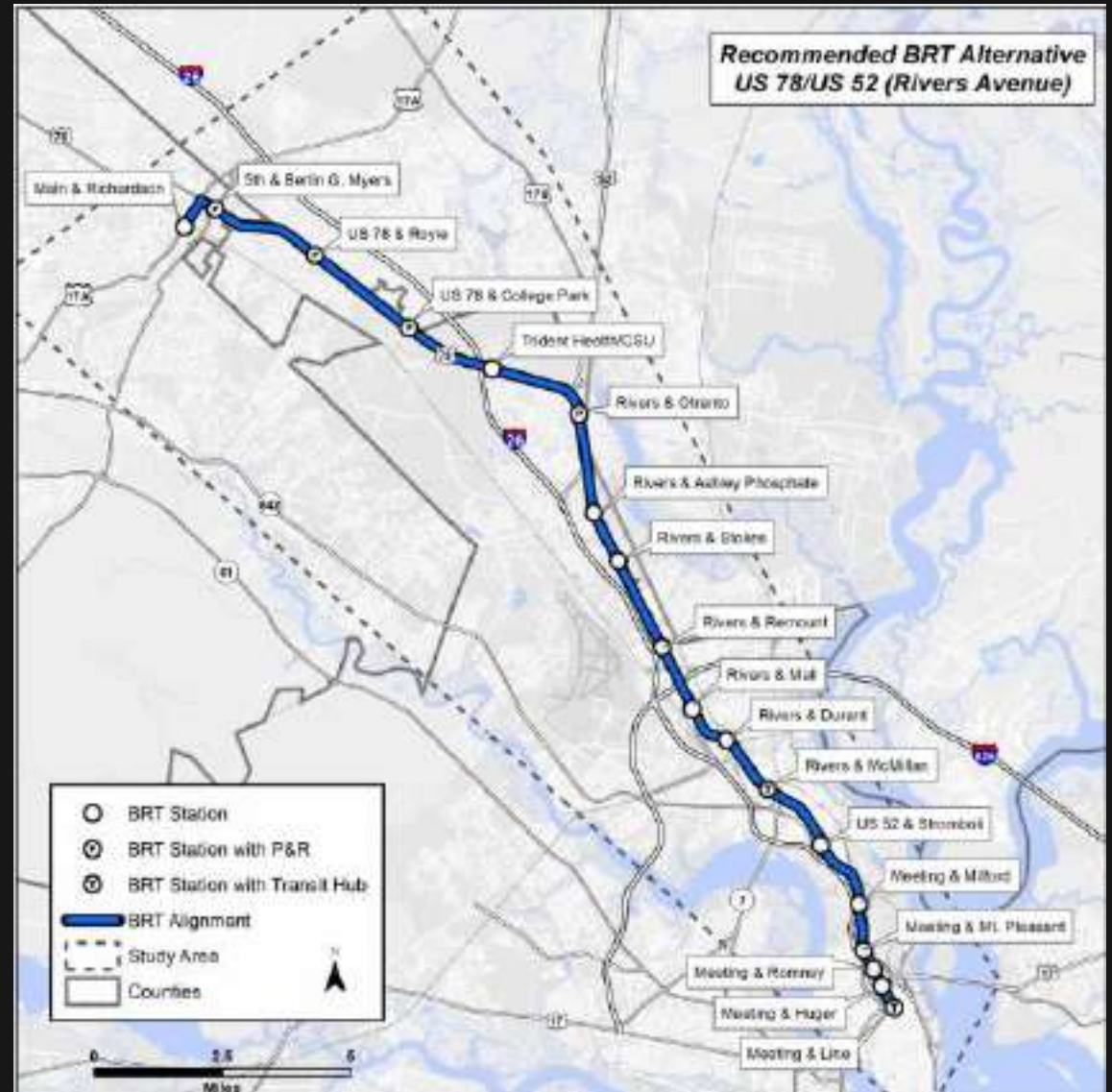


Image source: i26alt.org

Regional Transit Framework Plan

- An effort to:
 - Identify a high capacity transit network in the BCD region.
 - Restructure the local transit network

— Underway

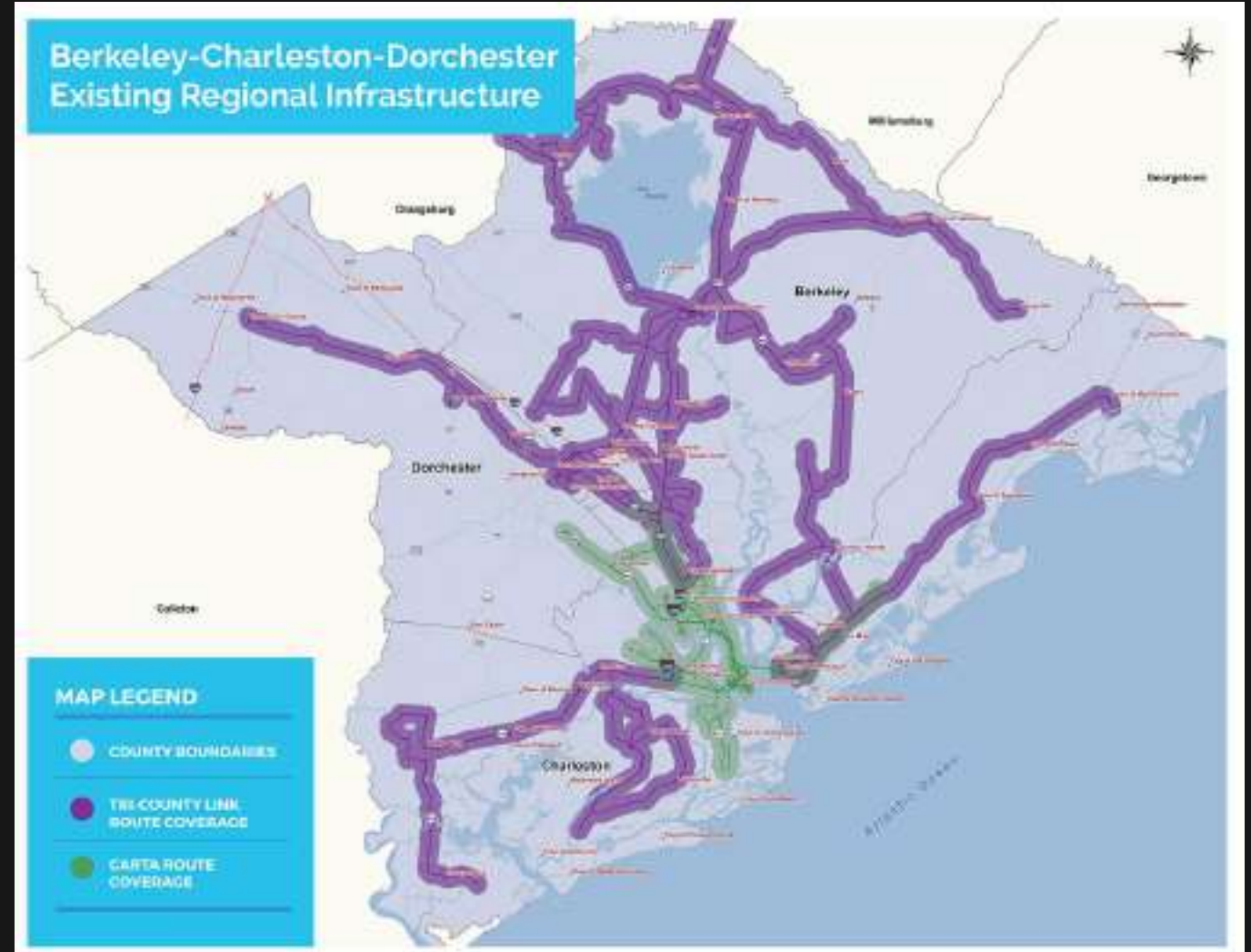


Image source: BCDCOG Regional Transit Framework Plan Public Online Meeting 

Why Park and Rides, Why Now?

03



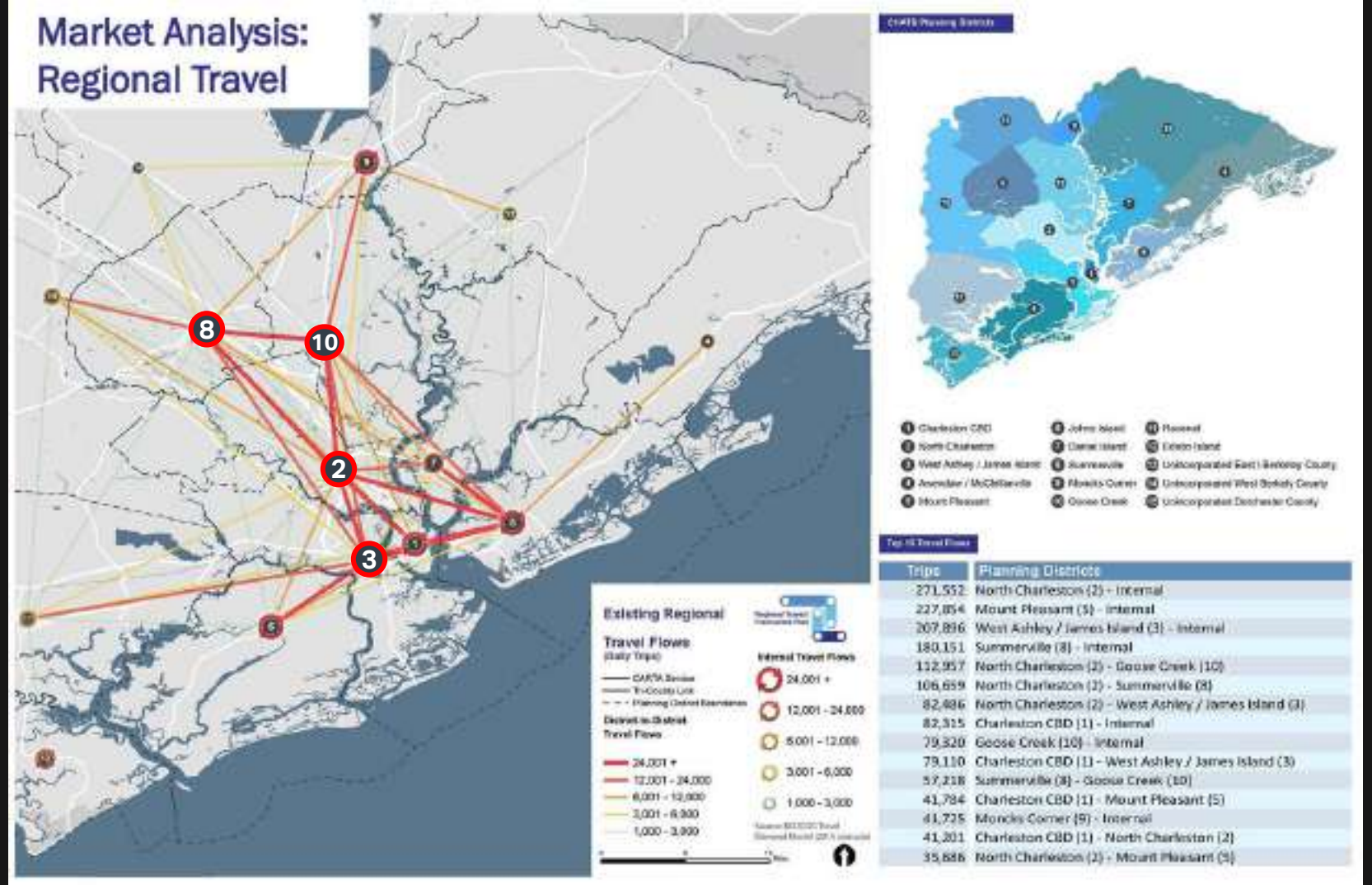
Regional Travel Patterns

The top three travel connections:

North Charleston **2** –
Goose Creek **10**

North Charleston **2** –
Summerville **8**

North Charleston **2** –
West Ashley/James
Island **3**



Why are we doing a Park and Ride Study?

- Significant growth across the region is leading to constrained commuter corridors and limited parking availability in the Charleston Downtown area and the Region.
- Natural and historic boundaries have limited the ability to increase roadway capacity for vehicular travel and availability of parking options.
- Commuters are using private parking lots and bus stops on CARTA/Tri-County Link Routes, but many of these facilities have no long term guarantee.
- Previous surveys show the employers and people of the BCD Region want options.
- This Study will develop a plan for the region to implement Park and Ride Lots in the future.

Previous Survey Findings

- 77% of employers agreed with this statement: “My organization is concerned about the increasing traffic congestion along the I-26/I-526 corridor”
- 53% indicated their organization believes sustainable transit is “very important” to the organization
- Employees would be most willing to try: telecommuting, public transit, flexible work hours

The Employers that responded indicated they are currently supporting:

- ✓ Carpool / vanpools – 74%
- ✓ Public transit – 65%
- ✓ Flexible work schedules – 46%
- ✓ Telecommuting – 37%
- ✓ Compressed work week – 25%

Benefits of Park and Ride's

- **Affordable**- parking could be free or provided at a reduced cost; save on fuel and maintenance costs
- **Secure**- park and ride lots located in highly visible area
- **Convenient** - avoid traffic congestion
- **Sustainable**- reduce pollution and negative impacts on the environment
- **Choices**— provide options for employers and employees



Example from other Park and Ride Programs – Publicizing Benefits

Park and Ride – Considerations

- Dedicated paved parking lot
- Covered//uncovered Parking
- ADA parking
- Dedicated bus pick up area
- Lighting
- Landscaping
- Transportation Information



Park-and-ride lot North Augusta, South Carolina

Park and Ride - Considerations

- Park and Ride signage
- Shed/ gazebo and seating area
- Waiting areas, benches
- Restrooms
- Vehicle charging stations



Park & Ride in Atlanta. (Image source: http://www.xpressga.com/route-476_/)

Park and Ride - Considerations

- Bike Storage/Bike Racks/Bike Sharing
- Security
- Meeting Points for Vanpools/ Carpools
- Vending machines, trash cans
- Relation to Activity Centers



Colorado State University



GRTA Sandy Springs Park and Ride

Existing Park and Rides

04



Existing Park & Ride Locations

- 19 existing P&R lots
- TriCounty Link (Rural) - 12 Lots/ 292 Spaces
- CARTA (Urban) - 3 Lots/150 Spaces
- CARTA+TCL (Urban)- 4 Lots/398 Spaces
- 2 Locations have Lease/License Agreements
- 1 Location is under contract to be purchased by CARTA



Field Visit of Existing Park and Ride Locations – TriCounty Link

This data is based on a Field Visit Conducted on Thursday, January 25, 2018

Park & Ride Name	Acres	Spaces Available	Spaces Used (1/25/18)	Paved	Shelter	Lighting	Agreement in Place?
Santee Cooper	0.92	101	10	yes	no	yes	No
Berkeley County	0.36	42	1	yes	no	yes	No
Goose Creek	0.10	18	10	yes	no	no	No
Bonneau Town Hall	0.10	10	1	yes	no	no	No
St Stephen IGA Store	0.10	10	0	yes	no	yes	No
Ridgeville Town Hall	0.11	10	0	no	no	no	No
Dorchester County	0.84	50	9	yes	yes	yes	No
Waggoner County Services Building	0.25	20	4	no	yes	no	No
Dorchester County Maintenance	0.2	11	3	partially	yes	no	No
52 Station	0.17	20	7	no	no	yes	No

Note: Based on our Field Visit we were unable to identify dedicated spaces or vehicles using the Woodland High School and Kings Mini Stop Park and Ride Locations.

Existing Park and Ride Locations

This data is based on a Field Visit Conducted on Thursday, January 25, 2018

Existing Park and Ride Locations - CARTA

Park & Ride Name	Acres	Spaces Available	Spaces Used (1/25/18)	Paved	Shelter	Lighting	Agreement in Place?
Oakbrook	1.00	75	50	yes	no	yes	Yes
Festival Centre	0.5	75	23	yes	no	yes	Yes

Note: Based on our Field Visit we were unable to identify dedicated spaces or vehicles using the Walmart James Island Park and Ride Location.

Existing Park and Ride Locations – TriCounty + CARTA

Park & Ride Name	Acres	Spaces Available	Spaces Used (1/25/18)	Paved	Shelter	Lighting	Agreement in Place?
K-Mart N Charleston	2.7	200	200	yes	no	yes	In Process
Citadel Mall	0.6	100	75	yes	yes	yes	No
Walmart Wando Crossing	0.6	50	15	yes	no	yes	No

Note: Based on our Field Visit we were unable to identify dedicated spaces or vehicles using the Mt. Pleasant Wal Mart Park and Ride Location.

Existing Park & Ride North Charleston

- % Utilization = 100 % (200 Spaces)
- Transit Provider – CARTA and TriCounty Link
- 5+ Acres to be developed
 - 298 Parking Spaces
 - 8 Accessible Spaces
 - Shelter
 - Restrooms
 - Bus Lane
 - Sidewalks



Existing Park & Ride Citadel Mall

- % Utilization = 75 %
- Transit Provider – CARTA & Tri-County Link
- 5 bus routes
- Amenities:
 - Paved Lot
 - Bus Shelter
 - Signs
 - Lighting
 - Security



Future Park and Rides

05



Future Park and Rides

- Locate Park and Ride facilities to intercept motorists before congestion.
- Locate transit station parking facilities at a sufficient distance from the city center.
- Maximize the utilization of existing park-and-ride facilities.
- Assess the merits of each potential parking location individually.
- Construct facilities that will maximize usage and provide good access to High Capacity Transit Corridors.
- Support community integration of Park and Ride facilities, based on local community input.
- Ensure the safety and security of all customers.

Future Park and Rides

- HOP Hospitality Park & Ride - Temporary Lot at Morrison Drive
- Lowcountry Rapid Transit - Proposed Park and Rides associated with BRT
- Permanent North Charleston Park and Ride (@ Melnick)

Station	Station Type	Forecasted Ridership	
		Alt. B1 (2015)	Alt. B1 (2035)
Main St - Richardson Ave	Urban Center	551	550
E 5th St N - Berlin Pkwy	Park & Ride	806	869
US 78 - Royle Rd	Park & Ride	426	437
US 78 - College Park Rd	Park & Ride	370	409
US 78 - I 26 (Trident Health)	Activity Center	156	187
Rivers Ave - Ontario Blvd	Park & Ride	556	640
Rivers Ave - Ashley Phosphate Rd	Activity Center	257	283
Rivers Ave - Stokes Ave	Activity Center	193	196
Rivers Ave - Remount Rd	Airport	521	574
Rivers Ave - Mall Dr	Activity Center	392	441
Rivers Ave - Durant Ave	Intermodal Center	241	277
Rivers Ave - McMillan Ave	Transit Hub	630	740
US52 - Stromboll Ave	Neighborhood	176	193
Meeting St - Milford St	Neighborhood	122	192
Meeting St - Mt Pleasant St	Transit Hub	231	258
Meeting St - Romney St	Neighborhood	99	109
Meeting St - Huger St	Activity Center	191	214
Meeting St - Line St	Transit Hub	957	1,126
Total		6,874	7,696

Image source: I-26Alt Recommendations

Future Park and Rides – Site Selection

- Review Priorities from Stakeholder Meetings and Assess Future Needs
- Identify Available Sites
- Review Sites (Desktop Research)
- Visit Sites and Rank Each with Low(1), Med (2) or High (3) Desirability in five categories including:
 - Visibility
 - Safety
 - Accessibility
 - Topography/Site Restrictions
 - Availability/Affordability

Location
Size of Lot
Description of Property
Jurisdiction
Adjacent Land Uses
Transit Access
Vehicular Access
Pedestrian/Bicycle Access
Visibility/Adjacent Road ADT
Potential Environmental Impacts
Tax Parcel No.
Current Owner

Future Park and Rides – Site Selection Recommendations

- Recommend Short Term, Mid-Term and Long Term Park and Ride Locations.
- Provide Concepts and Cost Estimates for Short and Mid-Term Recommendations.
- Provide a Long-Term plan for Park and Rides. A tool for planning and funding future park and rides.

Schedule

06



Schedule



Discussion/Activity

07



BCDCOG Park and Ride Field Visit

Emily Swearingen, PE
AECOM

April 11, 2018

AECOM
Built to deliver a better world

AECOM
Built to deliver a better world



Clements Ferry at I-526 (Howell)



Area Characteristics:

- Approximately 2.7 total acres
- Visibility from Clements Ferry
- Owned by Howell and Assoc.
- Good access



Location Map



Clements Ferry at I-526 #2 (SCT properties)



Area Characteristics:

- Approximately 42 total acres
- Visibility from 526
- Owned by SCT Properties



Location Map



526/ HungryNeck/ US 17



Area Characteristics:

- Approximately 5.3 total acres
- Visibility from 526 and US 17
- Owned by Town of Mt. Pleasant/SCDOT



Location Map



US 17 @ IOP Connector



Area Characteristics:

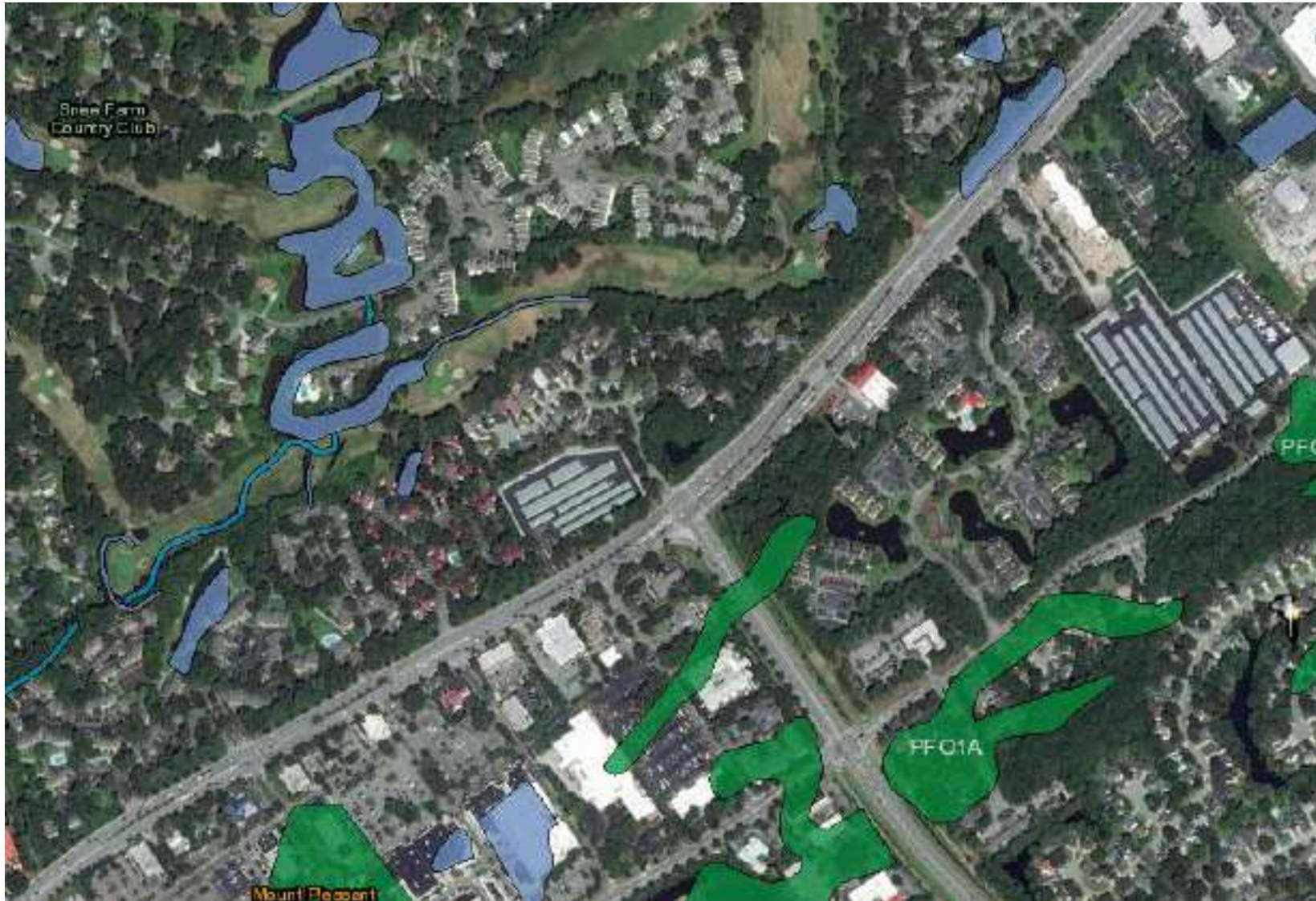
- Approximately 3.52 total acres
- Visibility from US 17 and IOP Connector
- Owned by Montecito Palmetto
- Zoned: Condo Common
- Possible drainage issues



Location Map



US 17 @ IOP Connector



VA Lot on US 17

Area Characteristics:

- Approximately 5 total acres
- Visible from Folly Rd.
- Owned by Porter Academy DBA Porter-Gaud School
- Zoning not found in County GIS data map
- Only available nights and weekends
- May be too close to the peninsula

Location Map



VA Lot on US 17



VISITORS CENTER

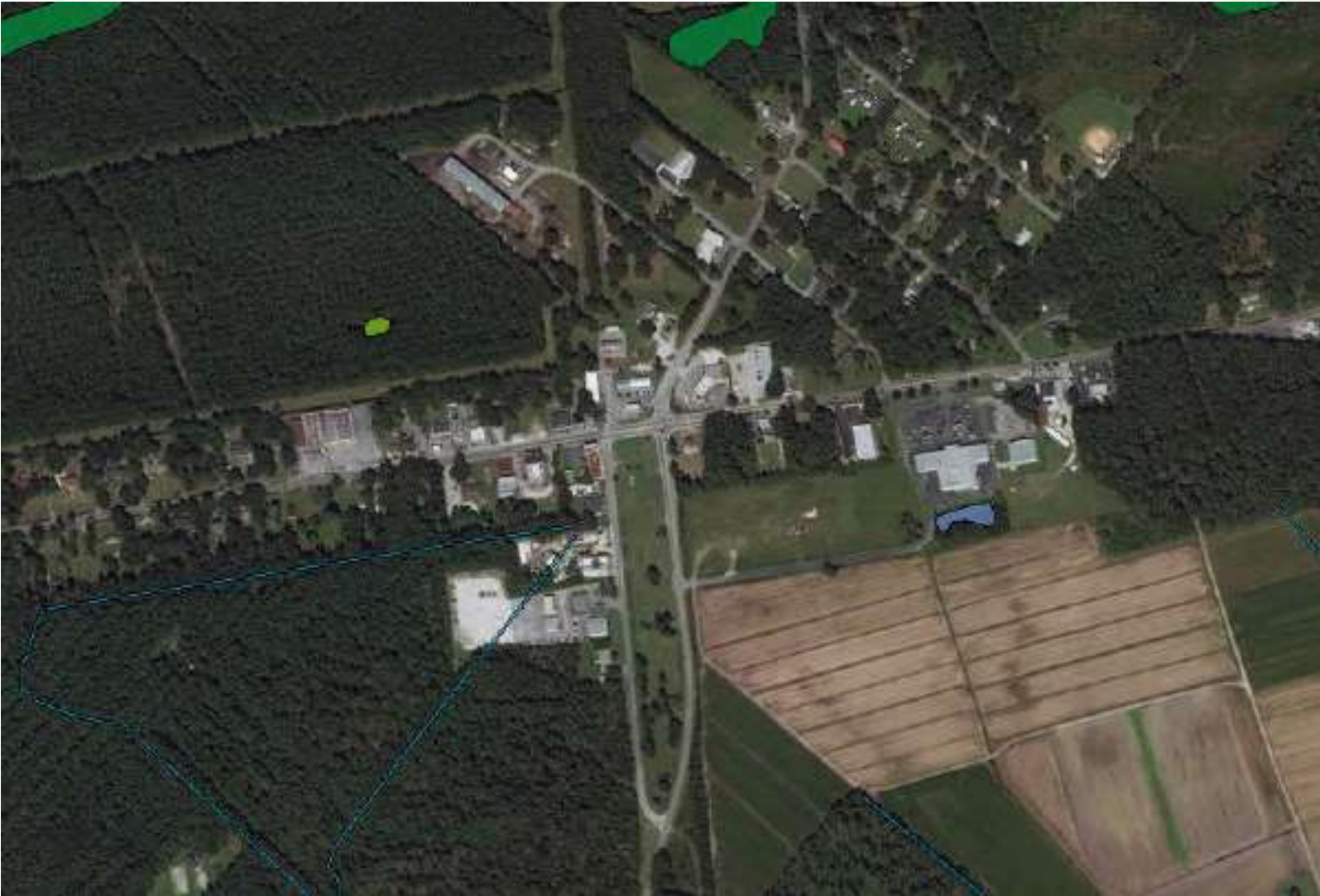
Area Characteristics:

- Approximately 1.2 total acres
- Visibility from SC 162
- Owned by Hovanec Kathy Ann
- Zoned:

Location Map



VISITORS CENTER



Walgreens at Camp and Folly



Area Characteristics:

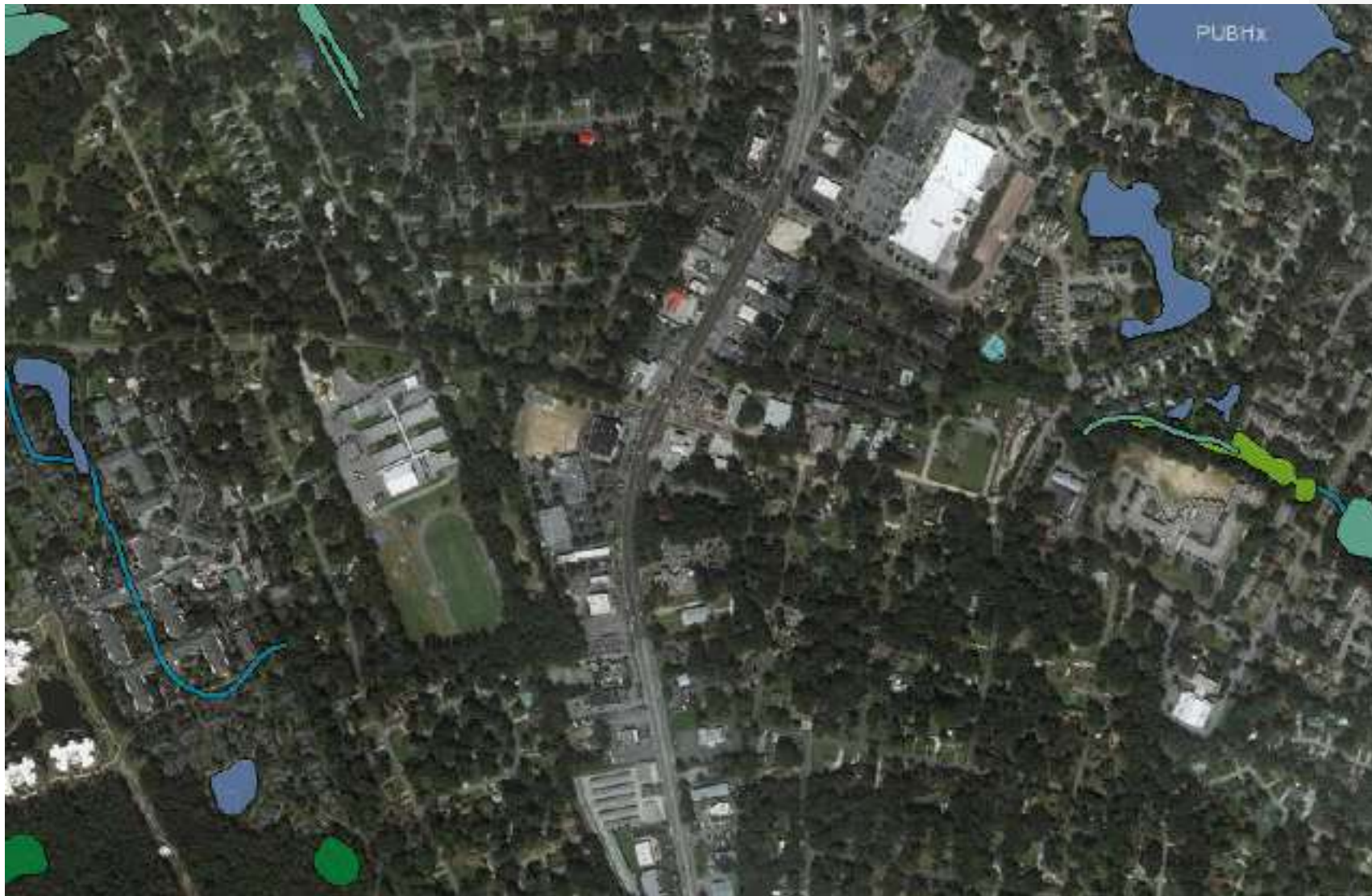
- Approximately .99 total acres
- Visible from US 171
- Owned by YFP LLC
- Zoned: Specialty Retail
- Walgreens is being rebuilt



Location Map



Walgreens at Camp and Folly



Hollywood Park and Ride Site



Area Characteristics:

- Approximately 2.81 acres
- Not visible from US 17
- Owned by the Town of Hollywood
- Zoning not found in County GIS data map



Location Map



Corner of Bees Ferry and Bear Swamp Road



Area Characteristics:

- Approximately 7 total acres
- Visibility from Bees Ferry
- Owned by Commission of Public Works



Location Map



Corner of Bees Ferry and US 17

Area Characteristics:

- Approximately 2.2 total acres
- Visibility from US 17 and IOP Connector
- Owned by Theodore Stachos



Location Map



Old Piggly Wiggly on Sam Rittenburg



Area Characteristics:

- Approximately 1.22 acres of parking
- Visible from Hwy 7 and Hwy 171
- Owned by the City of Charleston
- Zoned: Specialty Retail



Location Map



Old Piggly Wiggly on Sam Rittenburg



Palmetto Commerce Pkwy at Ashley Phosphate



Area Characteristics:

- Approximately 2.25 total acres
- Good visibility
- Owned by N Spartan LLC
- Zoned: Light Industrial



Location Map



US 78 at I-26 Interchange



Area Characteristics:

- Approximately 17.9 total acres
- Potential visibility from US 26 and University Blvd.
- Owned by City of Charleston Public Works
- Zoned: Light Industrial
- Only westbound highway access



Location Map



US 78 at I-26 Interchange



US 78 at I-26 Interchange #2 (Ingleside)



Area Characteristics:

- Approximately 113 total acres
- Good visibility from US 78
- Owned by Otto-Lilenthal Strasse Assoc.



Location Map



US 78 at I-26 Interchange #2 (Ingleside)



US 78 and College Park



Area Characteristics:

- Approximately 7 total acres
- Potential visibility from Ladson Rd. and College Park Rd.
- Owed by RM Aerospace Defense Inc.
- Zoning not found in County GIS data map
- High traffic location
- I-26 Alt recommendation



Location Map



US 78 and College Park



I-26 WB Abandoned Rest Area



Area Characteristics:

- Approximately 5 total acres
- Visibility from US 26
- Owned by SCDOT
- Zoning not found in County GIS data map
- Possible connection to Eastern White Pines Rd. and adjacent neighborhood.



Location Map



I-26 WB Abandoned Rest Area



US 78 and Royle Road



Area Characteristics:

- Approximately 1.3 total acres
- Visibility from US 78
- Owned by PI Reo LLC
- Zoning not found in County GIS data map
- I-26 Alt recommendation



Location Map



US 78 and Royle Road



5th and Berlin Myers



Area Characteristics:

- Approximately 57 total acres
- Visibility from US 165 and US 78
- Owned by Varn-Calcote Investment Group LLC
- Zoning not found in County GIS data map
- Near Downtown Summerville
- Recommended by I-26 ALT

Location Map



Summerville – Police Station



Area Characteristics:

- Approximately .77 total acres
- Visibility from 2nd St. and N. Pine St.
- Owned by Town of Summerville
- Zoning not found in County GIS data map
- Possible location for a new parking garage



Location Map



SCE&G North Cedar at West Luke



Area Characteristics:

- Approximately 3.9 total acres
- Visible from N. Pine St. and Cedar St.
- Owned by SCE&G
- Zoning not found in County GIS data map
- May be possible to use a portion of their parking lot



Location Map



YMCA Parking Lot in Summerville



Area Characteristics:

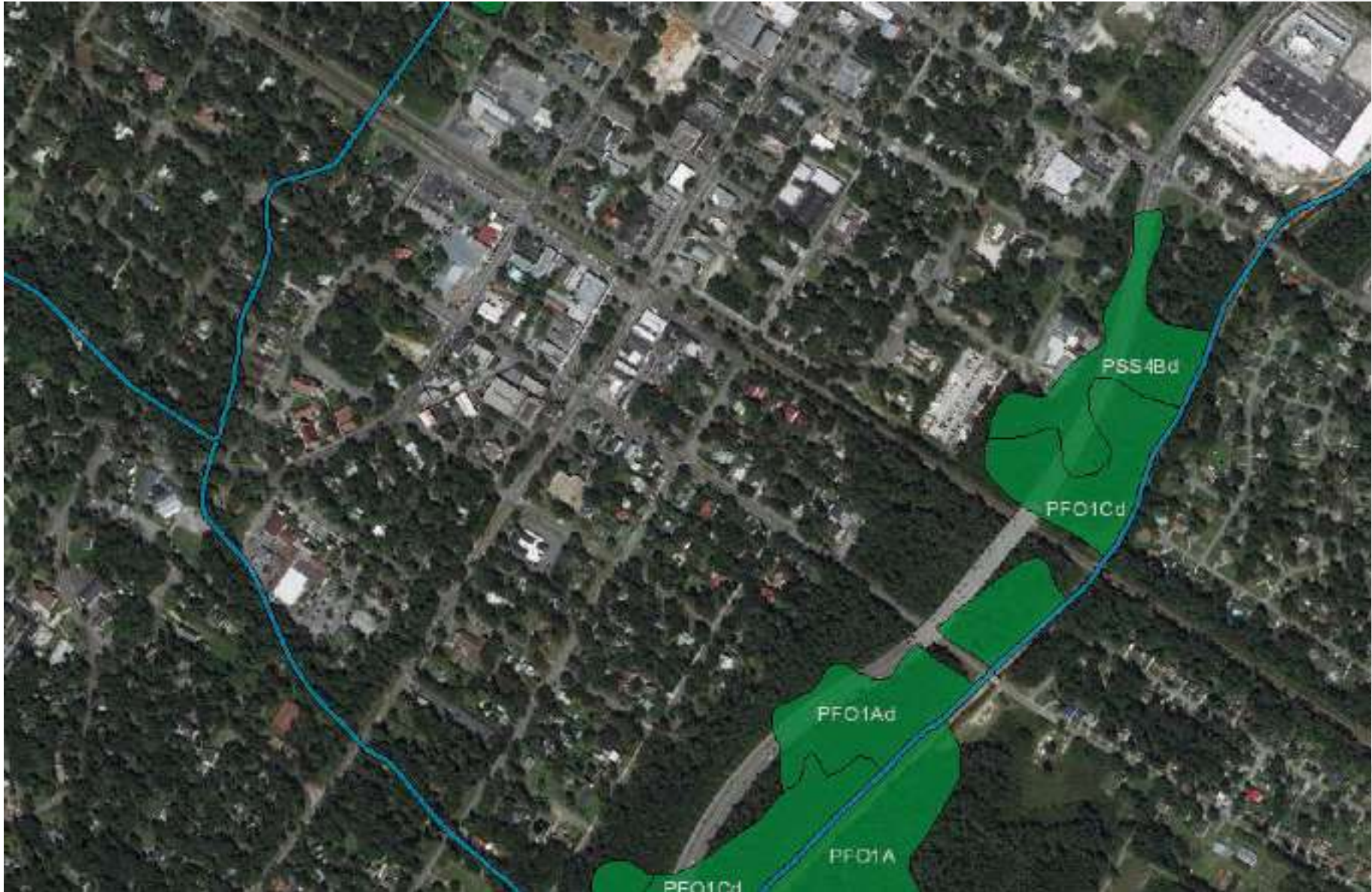
- Approximately 1.3 total acres
- Visibility from Cedar St.
- Owned by Summerville Family YMCA
- Partnership with Town of Summerville
- Zoning not found in County GIS data map
- Possible parking garage location for Summerville



Location Map



YMCA Parking Lot in Summerville

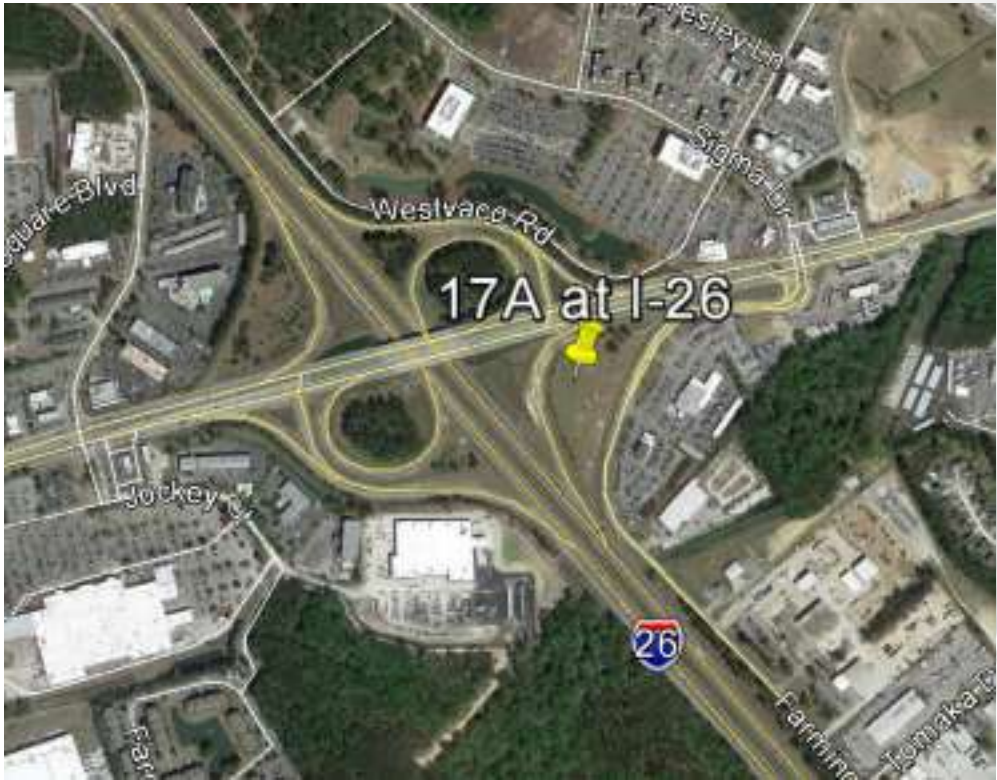


US 17A at I-26



Area Characteristics:

- Approximately 3.2 acres in both the NW and SE quadrants
- Great visibility
- Owned by SCDOT



Location Map



US 17A at I-26



Jedburg Road at I-26 #1



Area Characteristics:

- Approximately 5.7 acres
- Good visibility from Jedburg exit ramp
- Owned by Berkeley County
- Development and growth of the area
- Located “before the congestion”



Location Map



Jedburg Road at I-26 #1



Jedburg Road at I-26 #2

Area Characteristics:

- Approximately 4.16 acres
- Owned by Berkeley County

Location Map



SCDOT I-26 at Royle Road



Area Characteristics:

- Approximately 3 acres of parking
- Owned by SCDOT
- Access to I-26 may be difficult

Location Map



SCDOT I-26 at Royle Road



PARKING GARAGE 117 CENTRAL AVENUE

Area Characteristics:



Location Map



PARKING GARAGE 117 CENTRAL AVENUE



E 5TH NORTH STREET & BERLINE MYERS PARKWAY

Area Characteristics:

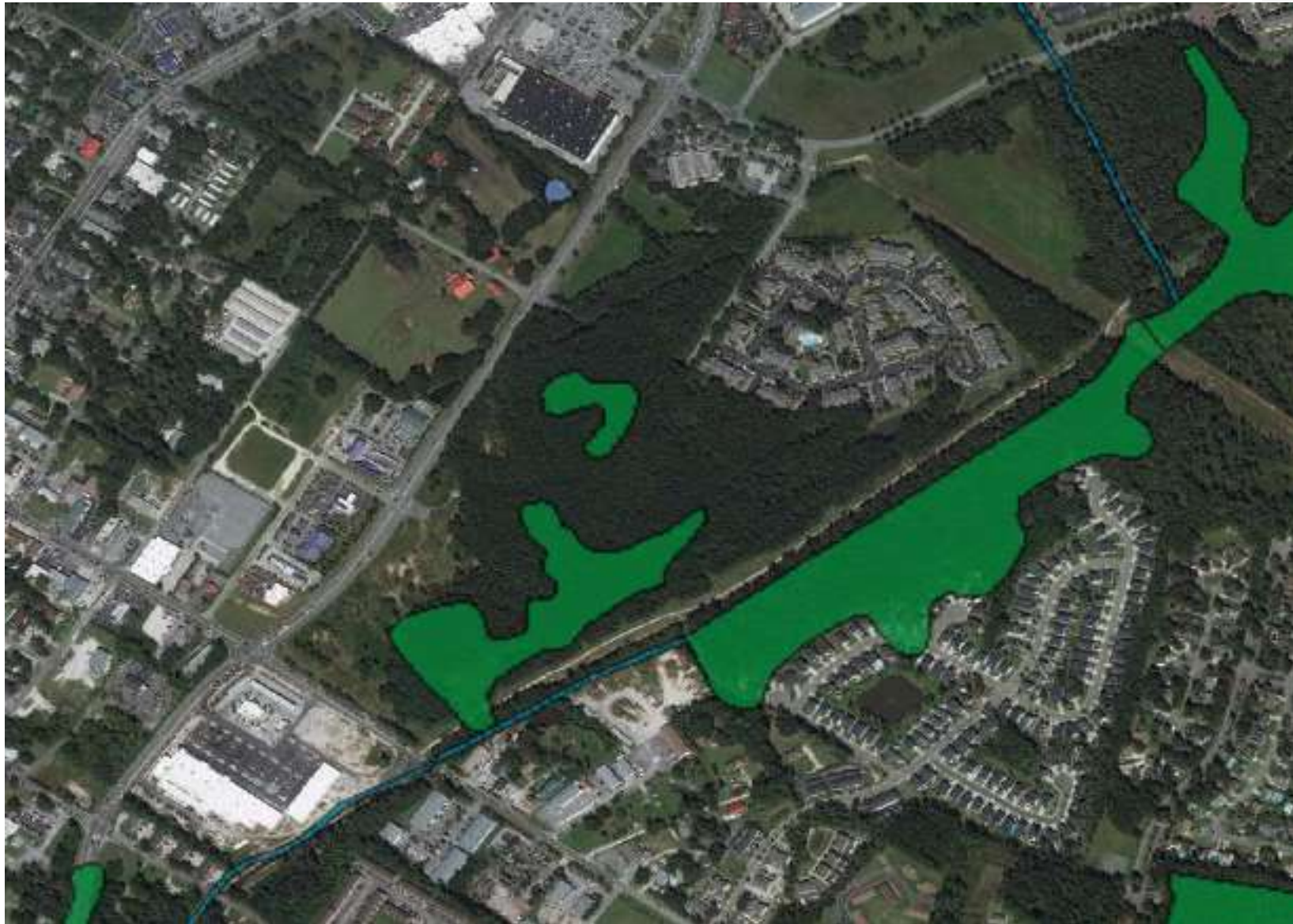
- Parcel # 137-07-03-001-58 acres
 - Owned by- VARN-CALCOTE INVESTMENT GROUP LLC
- And
- Parcel 138-00-00-00-10-0.85 acres
 - Owned by SEA MIST IOP LTD PTRS



Location Map



E 5TH NORTH STREET & BERLINE MYERS PARKWAY



SCE&G NORTH CEDAR AT W LUKE STREET

Area Characteristics:

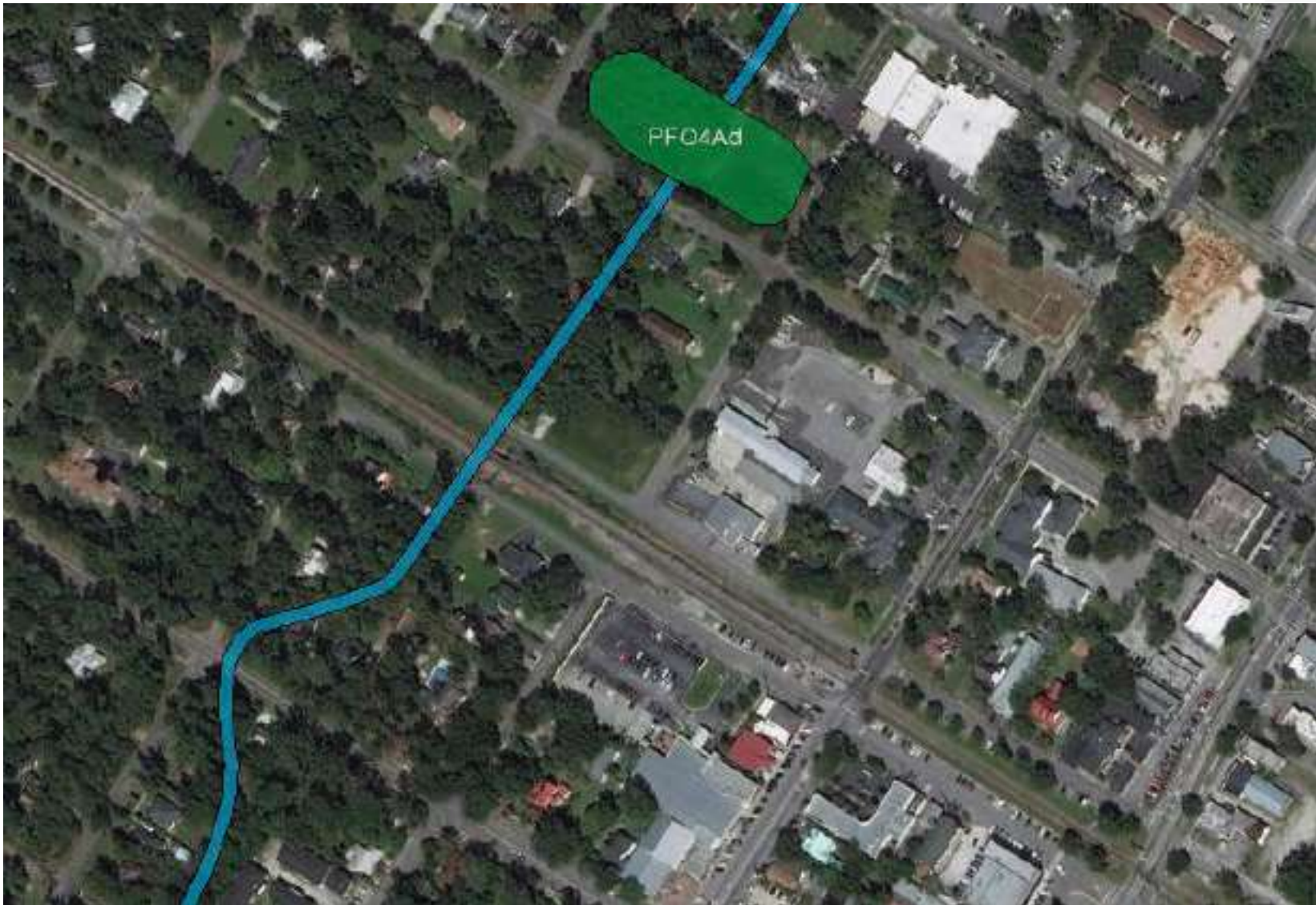
- Approximately 4.22 acres
- Owned by South Carolina Electric & Gas Company



Location Map



SCE&G NORTH CEDAR AT W LUKE STREET



Corner of US 17 and Bees Ferry Road

Area Characteristics:

- Two undeveloped areas
- Approximately 1.78 and 4 acres
- Access to US17A

Location Map





NE corner I 526 Clements Ferry Road - 1

Area Characteristics:

- Approximately 2.7 acres
- Access to I 526 WB

Location Map





NE corner I 526 Clemens Ferry Road - 2

Area Characteristics:

- Approximately 42.8 acres
- Access to I 526 WB

Location Map





Ashley Phosphate at Palmetto Commerce Parkway

Area Characteristics:

- Approximately 2.3 acres
- Access to I-26 may be difficult

Location Map



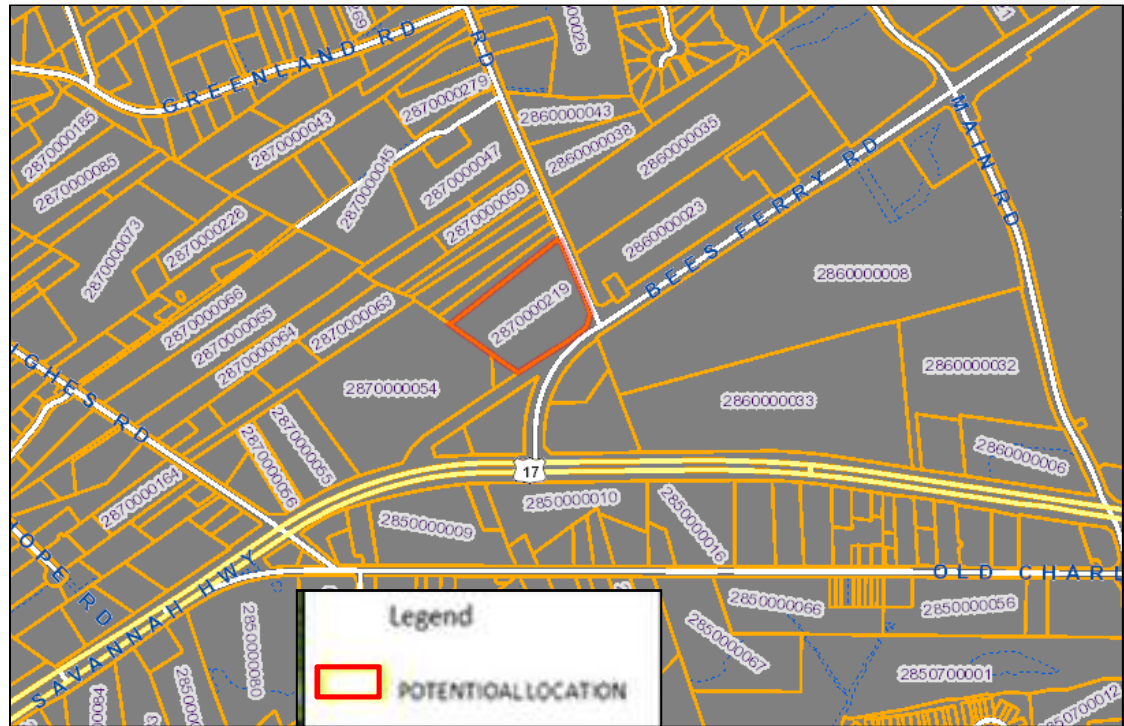


Corner of Bees Ferry Road and Bear Swamp Road

Area Characteristics:

- Approximately 7.03 acres
- Owned by: commissioners of public works

Location Map



Corner of Bees Ferry Road and Bear Swamp Road



I-526 at Hungryneck and US 17

Area Characteristics:

- Approximately 2.06 acres
- Owned By: Town of MT Peasant

Location Map



I-526 at Hungryneck and US 17

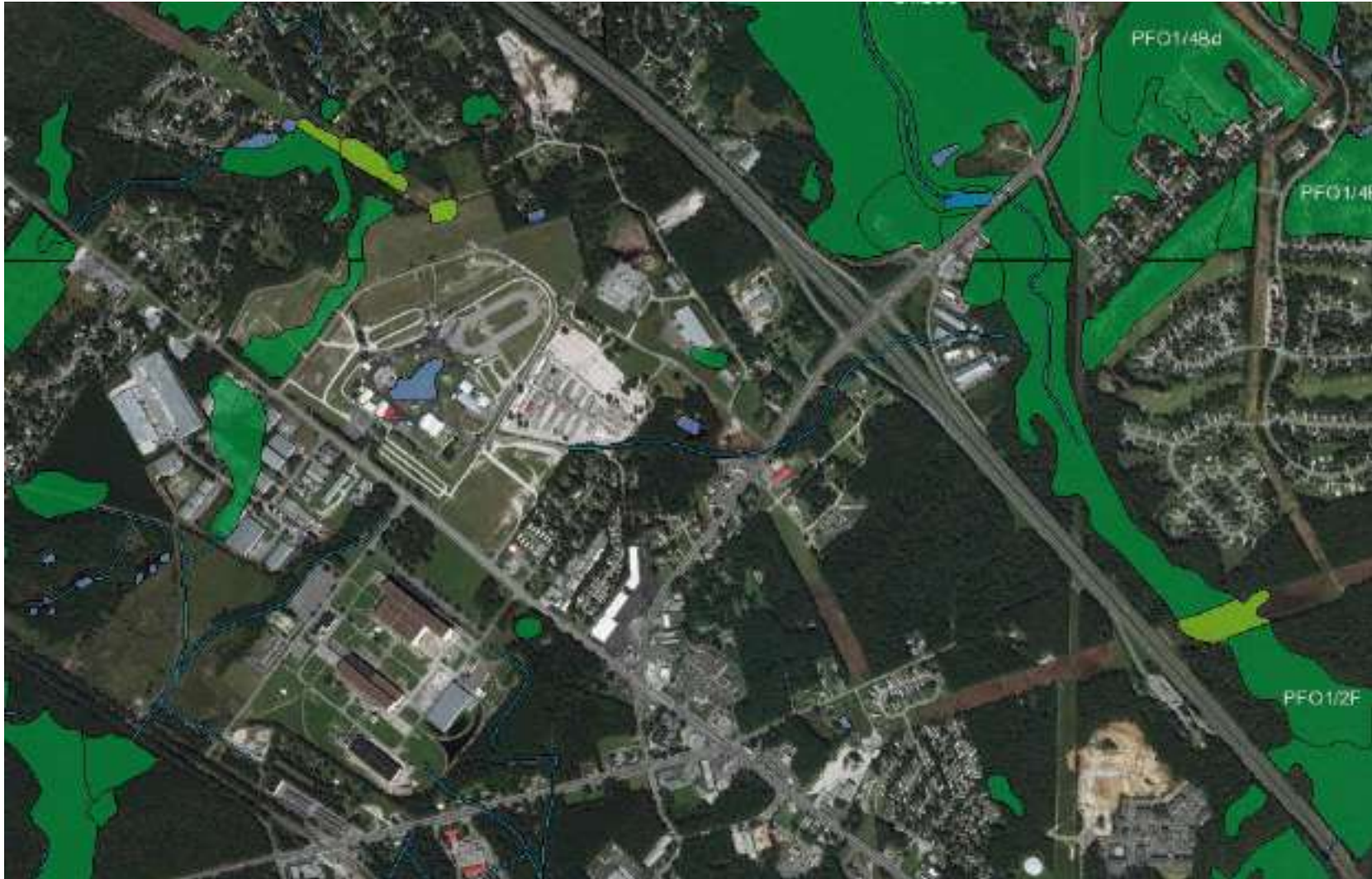


Area Characteristics:

- Approximately 139.3 acres
- Owned By: Exchange Club Fair of Charleston

Location Map





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Built to deliver a better world

Questions?

April 11, 2018

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Agenda



Meeting name
Stakeholder Meeting
#2

Meeting Date
Wednesday, May 30, 2018

Time
2:00pm to 4:00pm

Location
BCDCOG Conference Room
1362 McMillan Ave
North Charleston, SC 29405



Project name
BCDCOG Regional
Park and Ride Study

Park and Ride Stakeholder Meeting #2

Welcome

Safety Moment

Introductions

Site Selection Methodology

Site Selection Findings

Next Steps

Meeting Minutes

Date: May 30, 2018
 For: BCDCOG Park and Ride Study
 From: Emily Swearingen (864)-234-2261
 Subject: Stakeholder Advisory Group Meeting #2

Attendees:

Name	Organization
Sharon Hollis	BCDCOG
Jessi Schuler	Town of Summerville
Megan Clark	City of North Charleston
William Werrell	JB CHS
Adam Payne	SCDOT
Charles Drayton	City of North Charleston
Wesley Wilson	Boeing
Cady Neil West	Charleston Southern
Sonya Allen	College of Charleston
Kevin Szostak	Summerville Chamber of Commerce
Sam Skardon	One Region
Emily Swearingen	AECOM
Patrick Tyndall	AECOM
Natalie Lawrence	Joyst Communications

Discussion

- Sharon Hollis kicked the meeting off welcoming everyone and thanking them for participating.
- Emily Swearingen then discussed a safety moment and everyone went around the room introducing themselves.
- Emily went over the agenda and then turned the meeting over to Patrick Tyndall to review the site selection methodology and findings.

Several Key Items included:

- It was stated that the Piggly Wiggly site may no longer be a viable option for a park and ride.
- A question was raised if the Navy Base Hospital was considered for a possible site?
- It was mentioned that the E. 5th North Street site is looking to develop soon and it would be helpful to have a concept plan that the City could use in coordinating with them.
- It was suggested that a site plan for Citadel Mall be prepared.
- The question was raised if there will be a phased approach to implementing the park and rides? It was recommended that a phased approach be implemented.
- It was mentioned that Ingleside (US 78 at Ingleside Blvd) may be a good site to develop a concept for, but this would be an alternative to the site owned by the public works across the street.

- A question was raised if there will there be an incentive program for park and ride users? CARTA mentioned they offer reduced fares and partnerships with some schools and would consider this in the future.
- It was suggested that collaboration with the I-526 study and other studies would be helpful.
- It was mentioned that although Charleston is not a non-attainment area for air quality, that some companies have programs and commitments to reduce greenhouse gases and there could be opportunities for partnership.
- It was noted that when gas increased in cost people started using CARTA Express Service.
- It was noted that the project plans to wrap up this summer and a draft report will be shared with stakeholders.

The meeting adjourned at 3:30pm.

Regional Park & Ride Study Stakeholder Meeting #2

MAY 30, 2018

Meeting Agenda

Safety Moment

Introductions

Site Selection Methodology

Site Selection Findings

Next Steps

Site Selection Methodology



1

Review Existing Sites



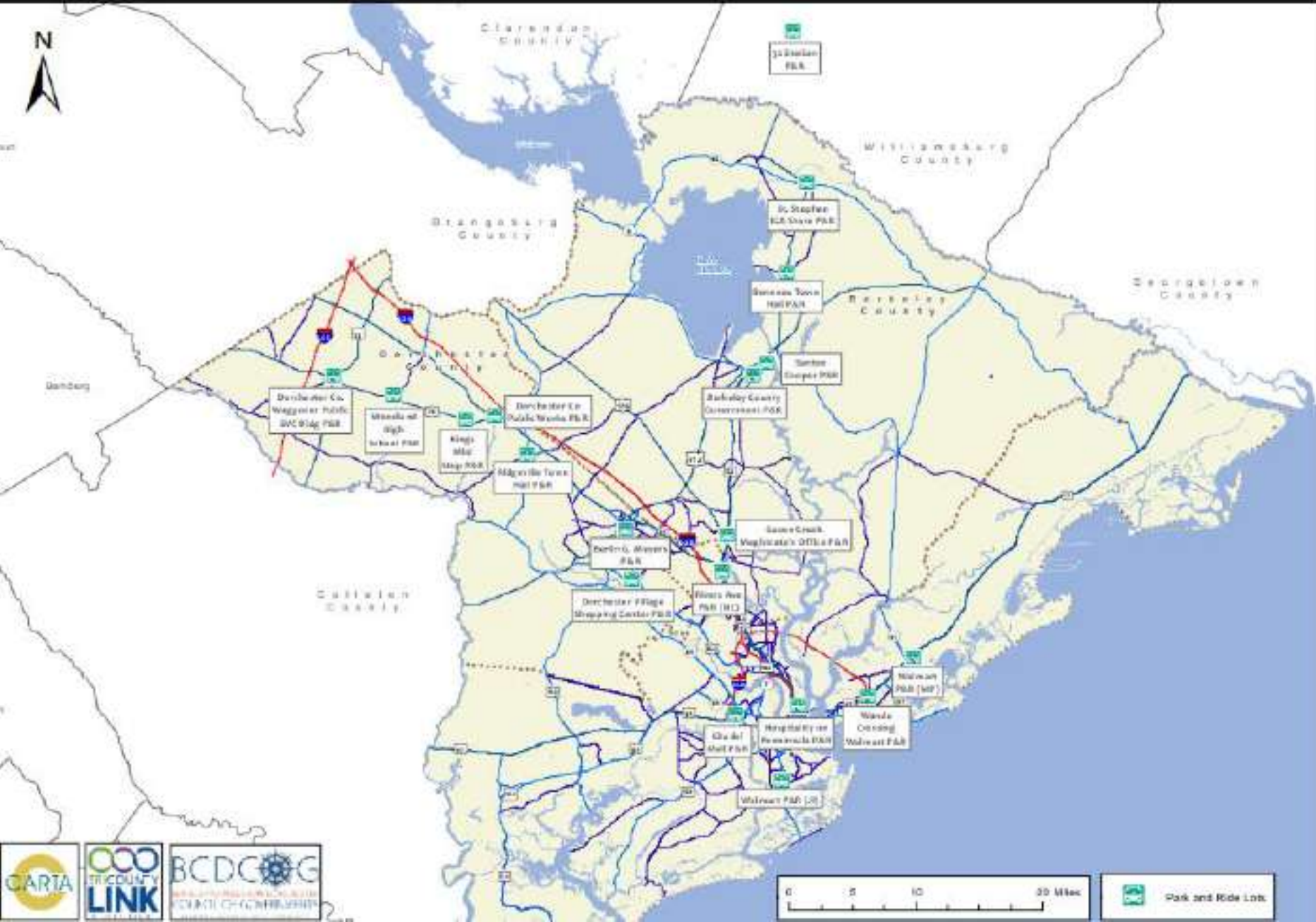
19 Existing Sites

Field Review

Quantify Usage

Bus Driver Interviews

Park and Ride Locations



2

Major Employer & Municipality Input

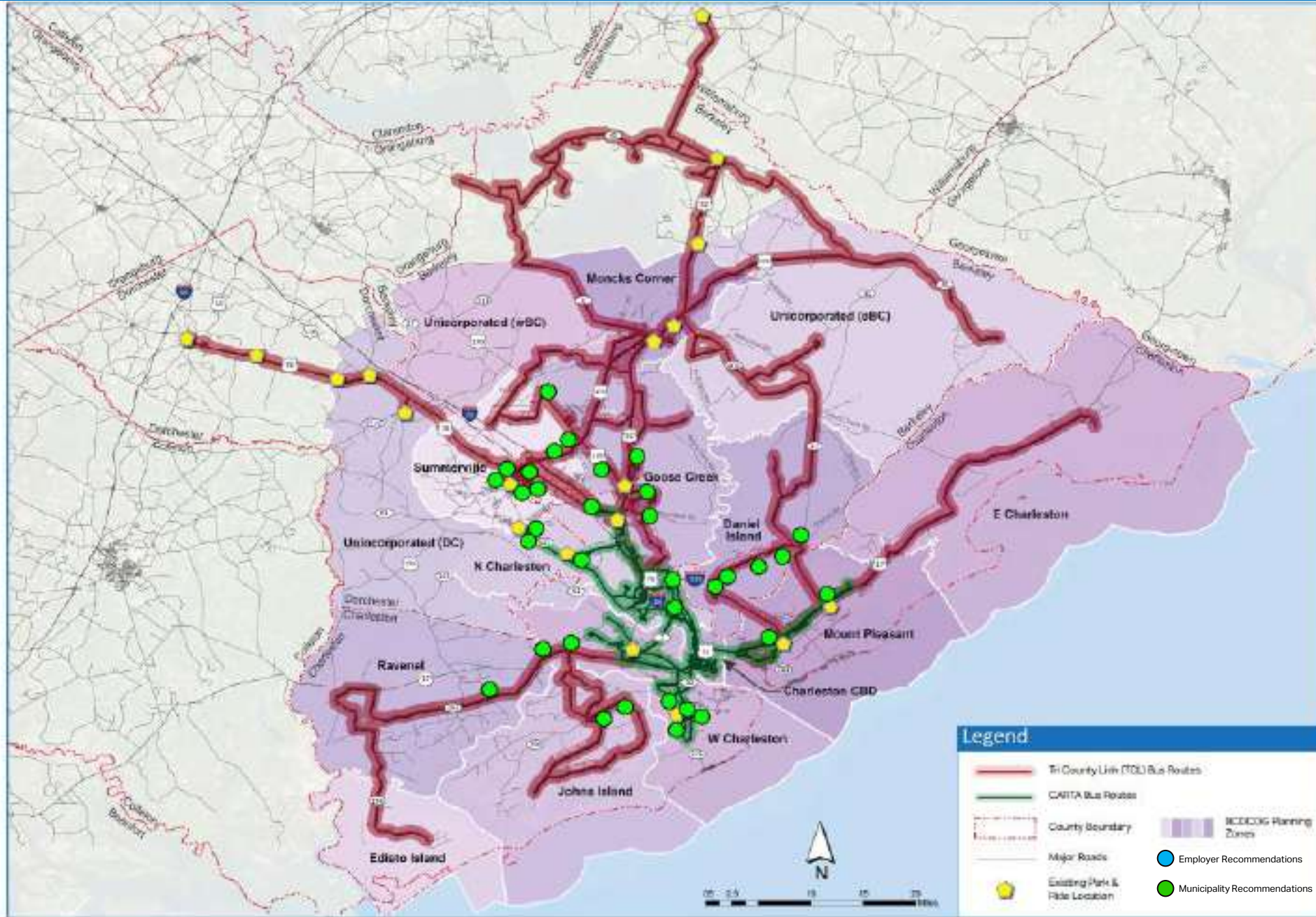


Identified Nodes

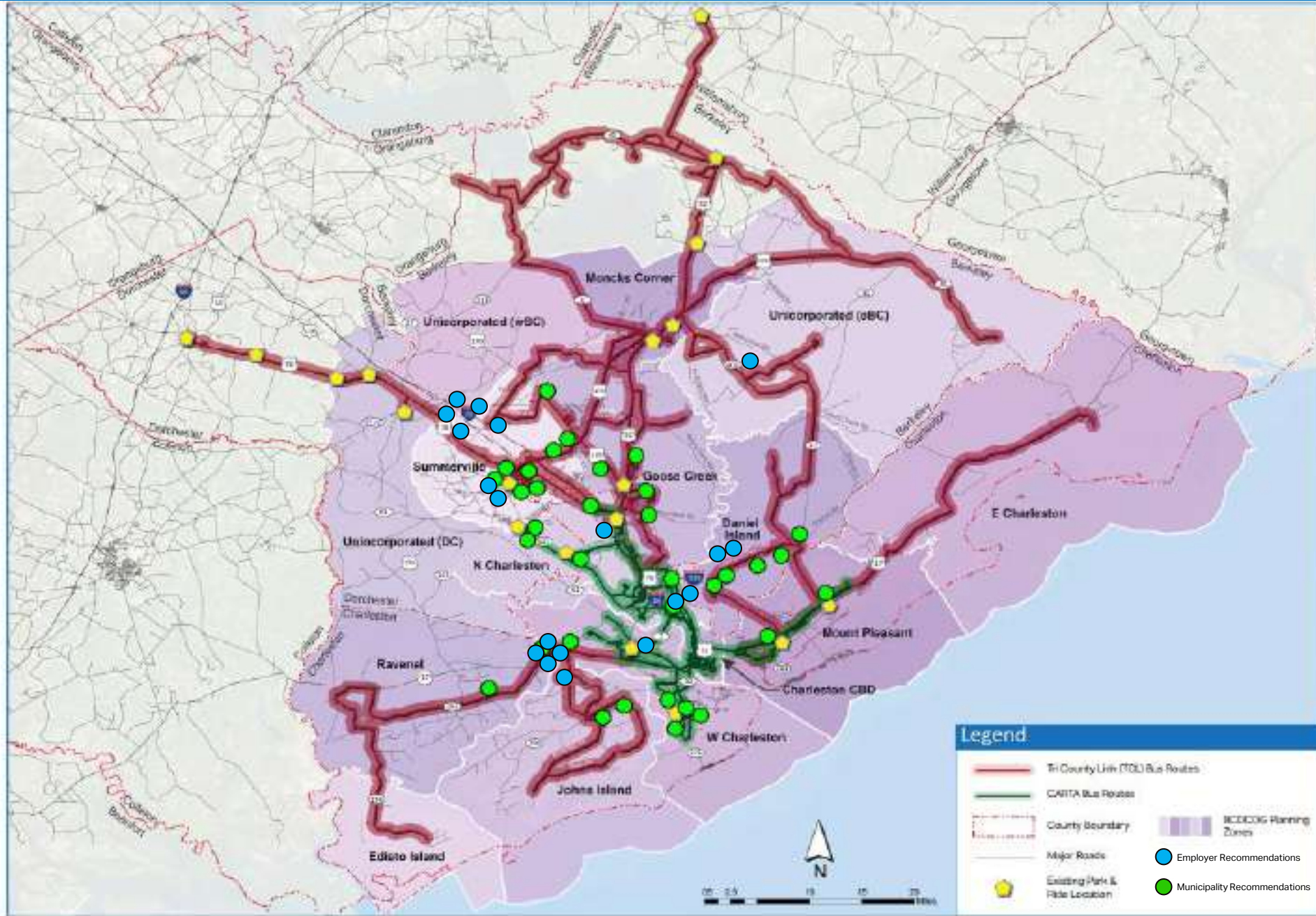
Identified Trends

Predicted Growth

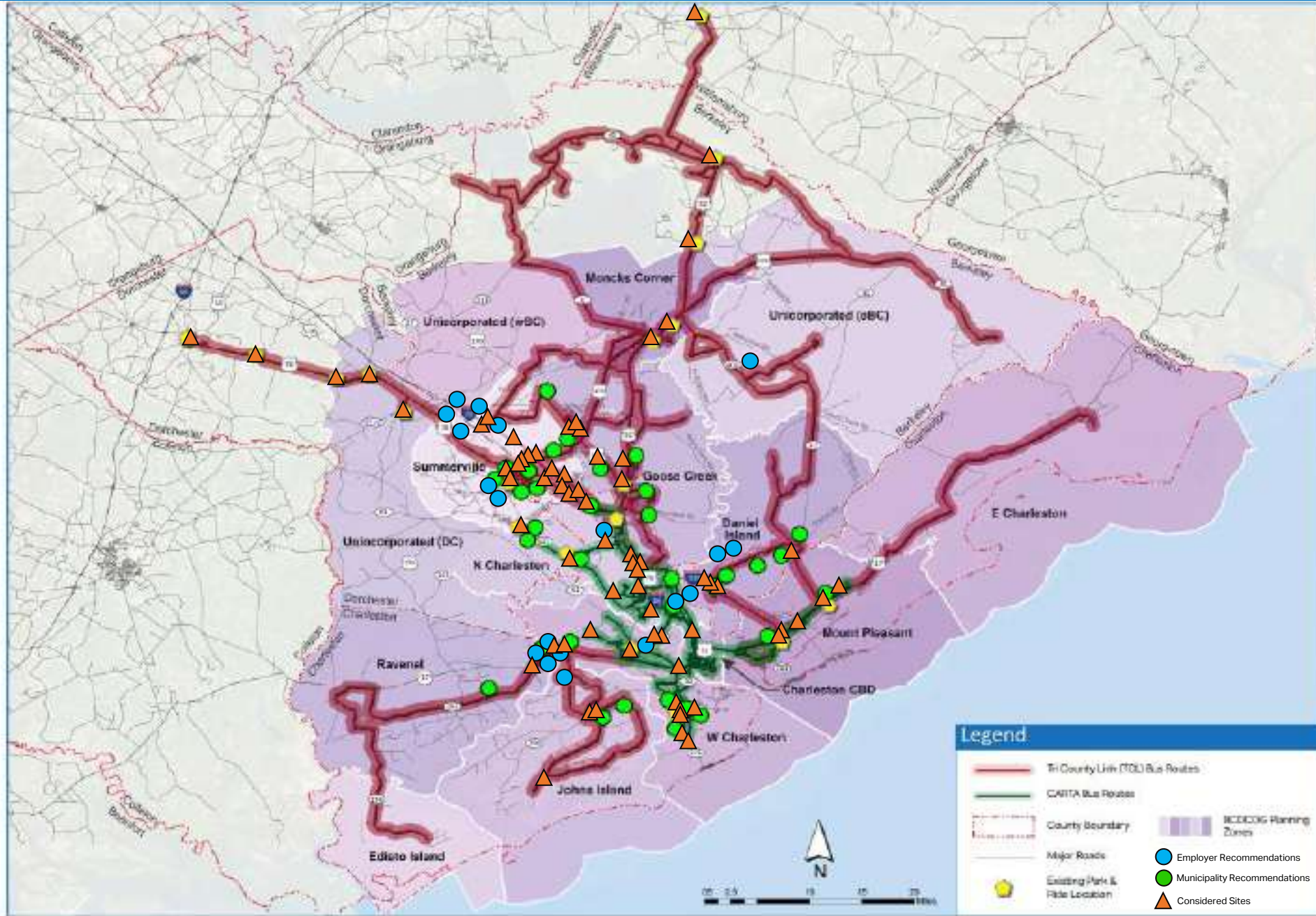
BCDCOG Park & Ride Study – Major Employer and Municipality Recommendations



BCDCOG Park & Ride Study – Major Employer and Municipality Recommendations



BCDCOG Park & Ride Study – Major Employer and Municipality Recommendations



3

Site Identification



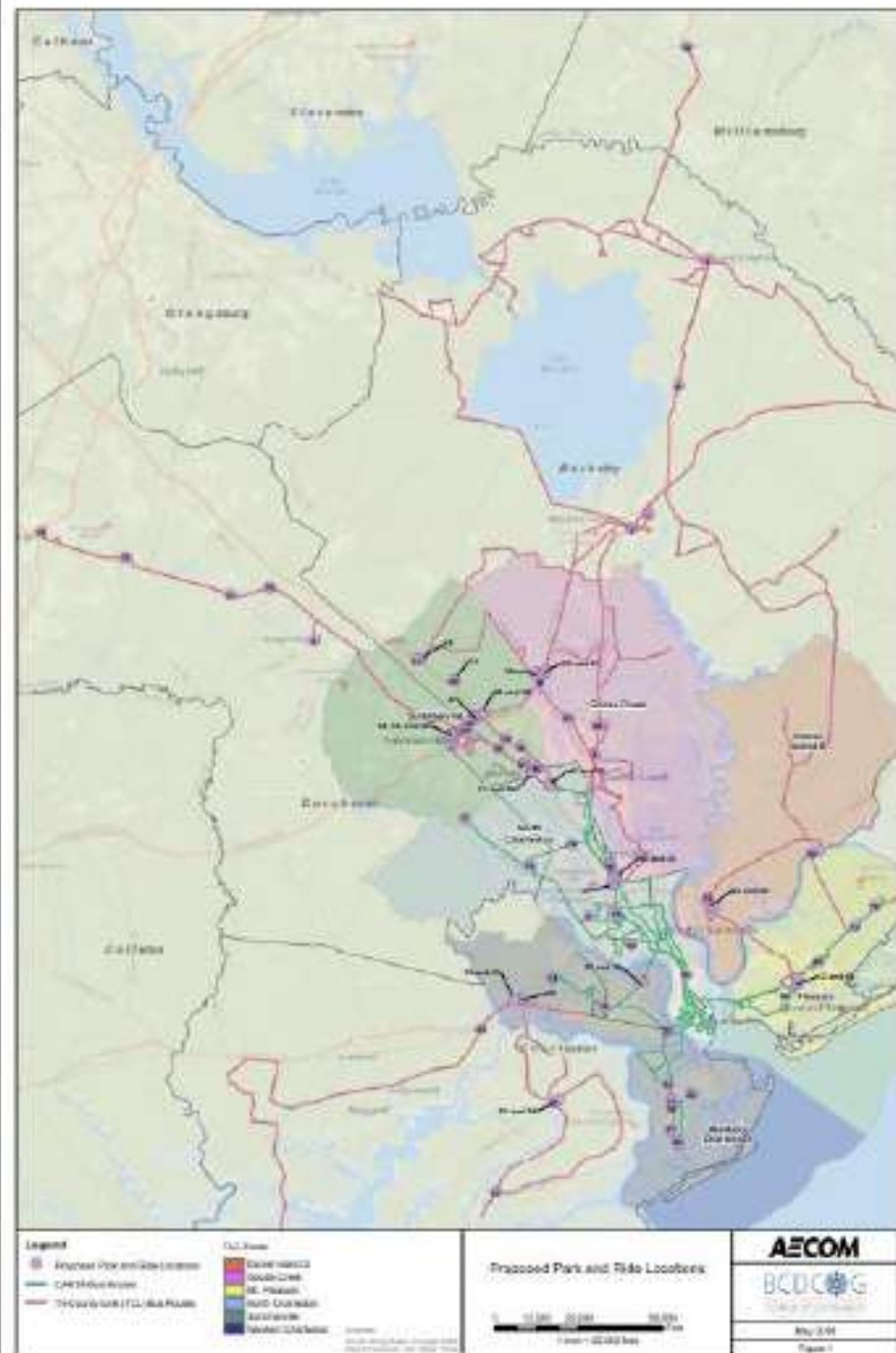
76 Identified Sites

Traffic, Population, Growth Rate

Distance to Major Arterial

Ownership

High Capacity Corridor



4

Site Visit with Stakeholders



24 Sites Visited

Local Plans Discussed

Site Constraints Identified

Field Verification Conducted

Access & Traffic Considered

Site Visit April 11, 2018



5

Site Scoring



76 Sites Scored

Visibility

Safety

Accessibility

Topographic Site Restriction

Transit Connectivity

Name: _____

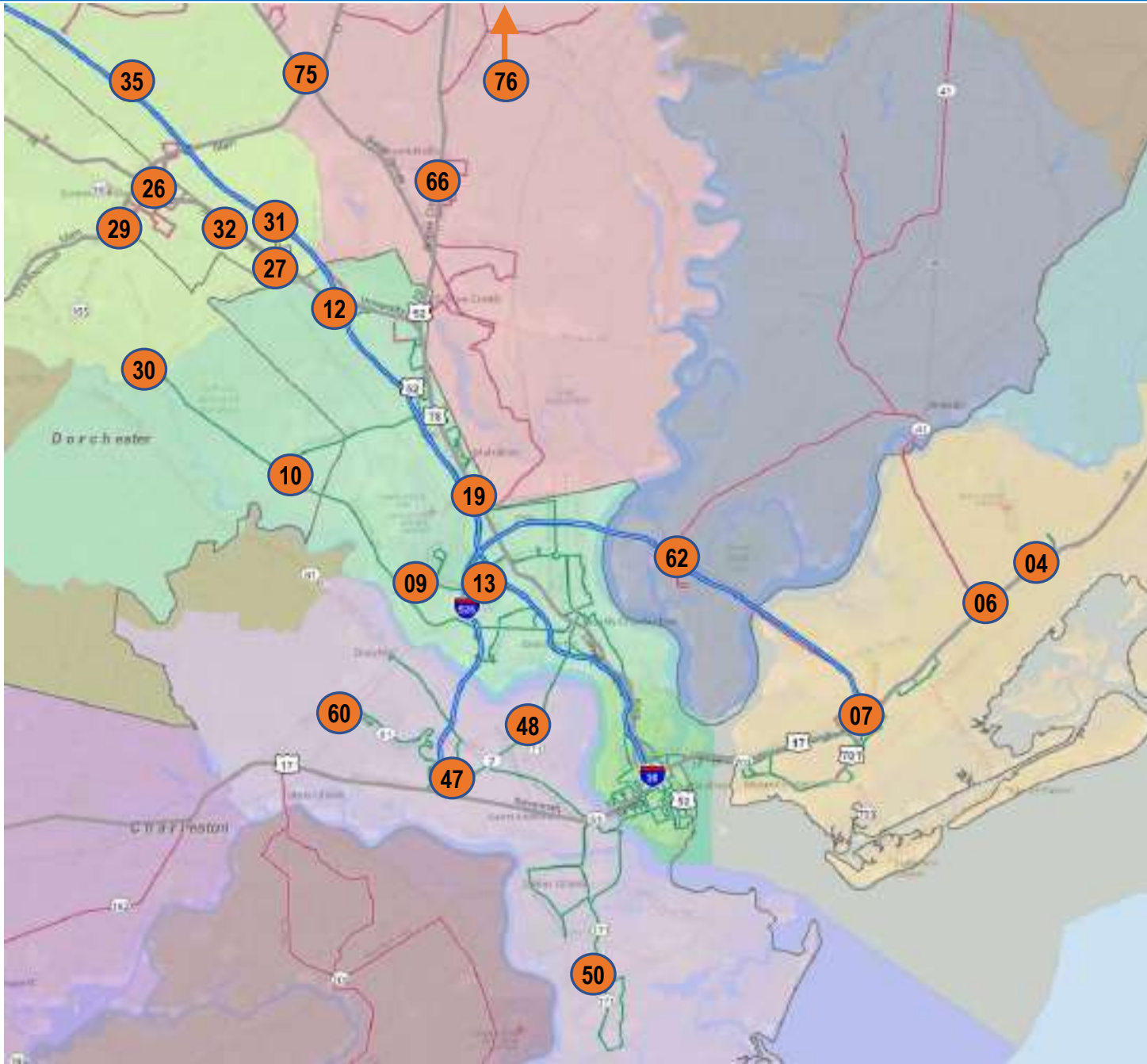
Location	Oldham County, KY	Oldham County, KY	Union County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY
Location	Oldham County, KY	Oldham County, KY	Union County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY	Madison County, KY
Site Name	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm	Blue Hill Farm
Address	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd	12345 Blue Hill Rd
City	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison
County	Oldham	Oldham	Union	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison
Area	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Parcel ID	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345	12345
Owner	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe	John Doe
Use	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential
Notes																								
Site																								
Visibility																								
Safety																								
Accessibility																								
Topography/site Restrictions																								
Transit Connectivity																								
Comments																								

Key	
Low	Low Visibility
Medium	Medium Visibility
High	High Visibility

Site Selection Findings



Recommended Park and Ride Locations



Existing Park & Ride Recommendations

Park and Ride Location	Comment	Recommendation
Rivers Ave at Ontranto (009)	Most highly used PNR.	Follow through with plans to build a new PNR on the 5-acre site at Ontranto.
Citadel Mall (047)	Highly used PNR.	Work with mall owner to include PNR in redevelopment plans.
Festival Centre (010)	Highly used with room to expand existing PNR.	Extend the terms of the agreement for long term needs.
Berkeley County (076)	Not highly used but has formal agreement in place and on future high capacity route.	Maintain and improve existing wayfinding signage.

Existing Park & Ride Recommendations

Park and Ride Location	Comment	Recommendation
Dorchester County (029)	Not highly used but has formal agreement in place and on future high capacity route.	Maintain and improve existing wayfinding signage.
Oakbrook (Money Man Pawn) (030)	Better wayfinding signage at this location could result in more usage.	Maintain location; extend the terms of the agreement for long-term needs.
James Island Wal-mart (050)	Only PNR on James Island.	Need to formalize an agreement.
Mt. Pleasant Wal-mart (006)	This location is at the end of the line for the proposed High Capacity Route.	Formalize agreement with property owner and improve existing wayfinding signage. If not able to formalize, consider Site 004.

009

Rivers at Ontranto



Highest Used Existing PNR

200+ cars there daily

Served by Express Bus

Recommendations

- Follow through with planned construction on 5 acre Site that CARTA has purchased.

047

Citadel Mall



Well Used Existing PNR

100+ cars there daily

Served by Several Routes

Recommendations

- Partner with Owner of Mall to expand and provide future PNR as the Mall is re-developed.

010

Festival Center



Plenty of room to expand

Moderate usage – 75 spaces

Recommendations

- Extend the terms of the lease agreement to make this a more long term PNR site.

076

Berkeley County



Not frequently used PNR

40+ parking spaces

Along a Future High
Capacity Transit Route

Recommendations

- Improve Signage and Wayfinding.
- More direct “Express” Service would improve usage

029

Dorchester County



Not frequently used PNR

Has formal agreement in place

Along a Future High
Capacity Transit Route

Recommendations

- Improve Signage and Wayfinding.
- More direct “Express” Service would improve usage

030

Oakbrook (Money Man Pawn)



40+ cars there daily

Has an agreement in place

Recommendations

- Improve Signage and Wayfinding.
- Formalize agreement for more long term needs.

050

Wal-Mart James Island



Only PNR site on James
Island

No formal agreement in place

Recommendations

- Formalize agreement for more long term needs.

006

Wal-Mart Mt. Pleasant



Moderate usage

No formal agreement in place

Recommendations

- Formalize agreement for more long term needs.

New Park & Rides >> Short-term Recommendations

Park and Ride Location	Comment	Recommendation
Old Piggly Wiggly on Sam Rittenberg (048)	Owned by City of Charleston; possible other plans long term, could easily be a PNR lot.	Approach City of Charleston about a lease agreement.
Goose Creek Municipal and Community Center (066)	This site provides good geographic coverage for Monks Corner/Goose Creek area.	Approach Goose Creek about a lease agreement.
North Charleston Center (5950 Rivers Ave) (019)	Existing parking lot; close to I-26 with good access.	Approach landowner for a lease agreement.
Exchange Park Fairgrounds (027)	Lots of available parking; on US 78 which is Low Country Rapid Transit line.	Approach landowner for a lease agreement.
SCDOT Abandoned Rest Area (I-26 West Bound) (031)	5.5-acre site with good access from the frontage road; buses could enter from the interstate.	Approach SCDOT about "repurposing" the rest area.

048

Old Piggly Wiggly on Sam Rittenberg



Owned by the City of Charleston

Long term plans for this site may be different

Size = 3.7 acres

Along Future High Capacity Corridor

Recommendations

- Partner with the City of Charleston to convert this into a short term PNR site.

066

Goose Creek Community and Municipal Center



Along Future High Capacity
Corridor

Provides a PNR site for Goose
Creek

Recommendations

- Partner with Goose Creek to sign a formal agreement for this new PNR site.

019

North Charleston Center (5950 Rivers Ave)



Very good access to I-26

Existing parking lot with
available parking

Along Future High Capacity
Route

Recommendations

- Approach landowner for a lease agreement.

027

Exchange Park Fairgrounds



Lots of available parking

Along Low Country Rapid
Transit line

Good access from US 78

Recommendations

- Approach landowner for a lease agreement.

031

SCDOT Abandoned Rest Area (I-26 WB)



Owned by SCDOT

5.5 acres

Bus access from I-26; car
access from Treeland Dr

Along Future High Capacity
Corridor

Recommendations

- Approach SCDOT about “re-purposing” the rest area

New Park & Rides >> Mid-term Recommendations

Park and Ride Location	Comment	Recommendation
Roper Hospital Moncks Corner (075)	Rapidly developing area near intersection of 176 and 17A. On future High Capacity Route.	Partner with landowner to develop property for PNR
I-26 at US 78 (#2) (near Ingleside Drive) (012)	Rapidly developing area with easy access to I-26	Partner with landowner to develop property for PNR
US 78 and Royle Road (032)	This area was recommended by I-26 Alt Study along the proposed BRT route, significant population.	Partner with landowner to develop property for PNR
Tanger Outlets (013)	Multiple High Capacity Routes, dense population, but limited available land.	Partner with landowner to develop property for PNR

New Park & Rides >> Mid-term Recommendations

Park and Ride Location	Comment	Recommendation
I-526 and Clements Ferry Road (062)	Howell property, excellent visibility and very close to I-526. Significant Commuter Traffic and significant growth anticipated.	Partner with landowner to develop property for PNR
Roper Hospital Mount Pleasant (004)	Is just outside limits of future High Capacity Route, but located prior to congested area. May be able to partner with Hospital on more than one site.	Partner with landowner to develop property for PNR
Wal-mart Bee's Ferry Road (060)	In a rapidly growing area and along future High Capacity Route. Available adjacent land should be considered	Approach landowner about leasing property for PNR in short term. Consider available adjacent property for long term PNR.
I-526 and Hungry Neck Blvd (007)	Land owned by Town of Mt. Pleasant in a prime location (5.4 acres)	Partner with Town of Mt. Pleasant to develop property for PNR

075

Roper Hospital Moncks Corner



Rapidly Growing area near
US176 and US17A

Large Site

Within walking distance of
Future High Capacity Corridor

Recommendations

- Partner with Roper Hospital to develop property for PNR site

012

I-26 at US 78 (Ingleside Dr)



Rapidly Growing area along
Ingleside Drive

Good Access to I-26

Along Low Country Rapid
Transit Corridor

Recommendations

- Partner with landowner to develop property for PNR site

032

US 78 at Royle Road



Area recommended by I-26
Alt Study

Land is Available

Along Low Country Rapid
Transit Corridor

Recommendations

- Partner with landowner to develop property for PNR site

013

Tanger Outlets



Available parking

Along Future High Capacity
Corridor

Surroundings feel safe

Recommendations

- Partner with landowner to develop property for PNR site

062

I-526 at Clements Ferry Road



Rapidly Developing Area
with commuter traffic

Very good access to I-526

Property is for sale

Along Future High Capacity
Corridor

Recommendations

- Partner with landowner to develop property for PNR site

004

Roper Hospital Mt. Pleasant



Provides further out PNR for
Mt. Pleasant

Partner with Roper Hospital on
more than 1 site

Prior to congestion

Recommendations

- Partner with landowner to
develop property for PNR site

060

Wal-Mart Bees Ferry



Rapidly growing area

Along Future High Capacity
Corridor

Look for available land adjacent
for long term site

Recommendations

- Partner with landowner to develop property for PNR site

007

I-526 at Hungry Neck Blvd in Mt. Pleasant



Owned by the Town of Mt. Pleasant

Along a Future High Capacity Corridor

Over 5 acres

Recommendations

- Partner with landowner to develop property for PNR site

New Park & Rides >> Long-term Recommendations

Park and Ride Location	Comment	Recommendation
East 5 th North Street at Berlin Myers (026)	Raw Ground; Excellent site for a future multi-modal center with Low Country Rapid Transit and PNR capabilities	Develop property for future multi-modal transit facility, work with Town to put Transit Oriented Development Overlay on this site
Nexton Site (035)	Rapidly growing area with lots of commuter traffic	Partner with Nexton to develop property for PNR

026

East 5th Street North at Berlin Myers



Recommended by the I-26
ALT Study

Possible Multi-modal facility

Over 58 acres total available

Recommendations

- Partner with landowner to develop property for future multi-modal site including PNR

035

Nexton Site



Rapidly growing area

Interchange just opened

Available land

Prior to Congestion on I-26

Recommendations

- Partner with landowner to develop property for PNR site

Next Steps

- Draft Concept Designs for up to 8 locations
- These concept designs will show how many parking spaces, bus access, and stormwater detention.
- Cost estimates

Questions? Comments?