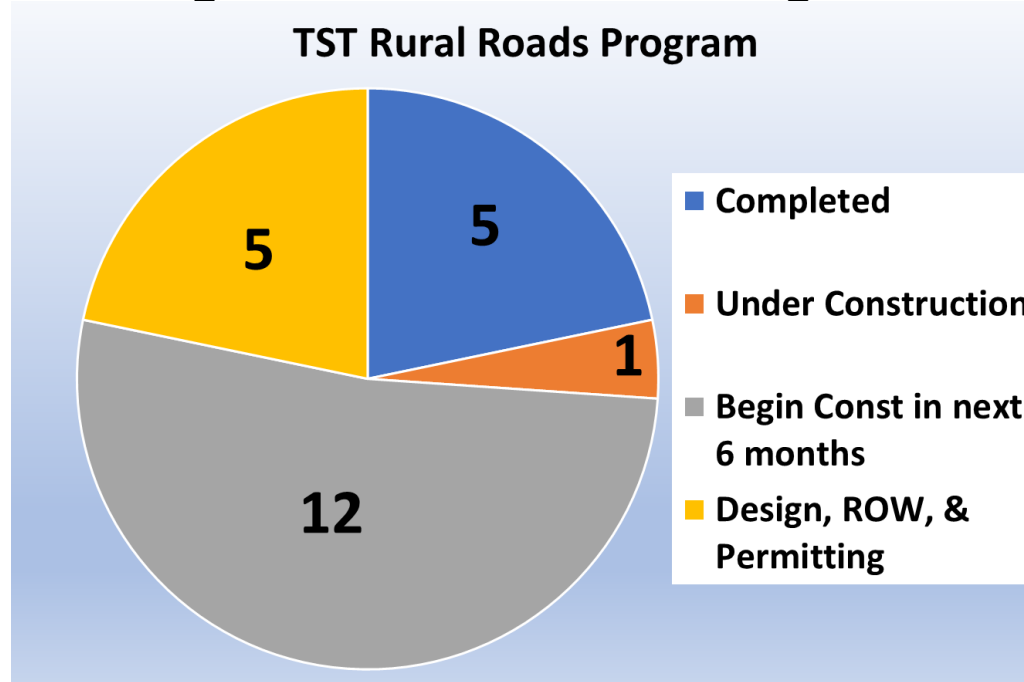




Transportation Sales Tax Project Update

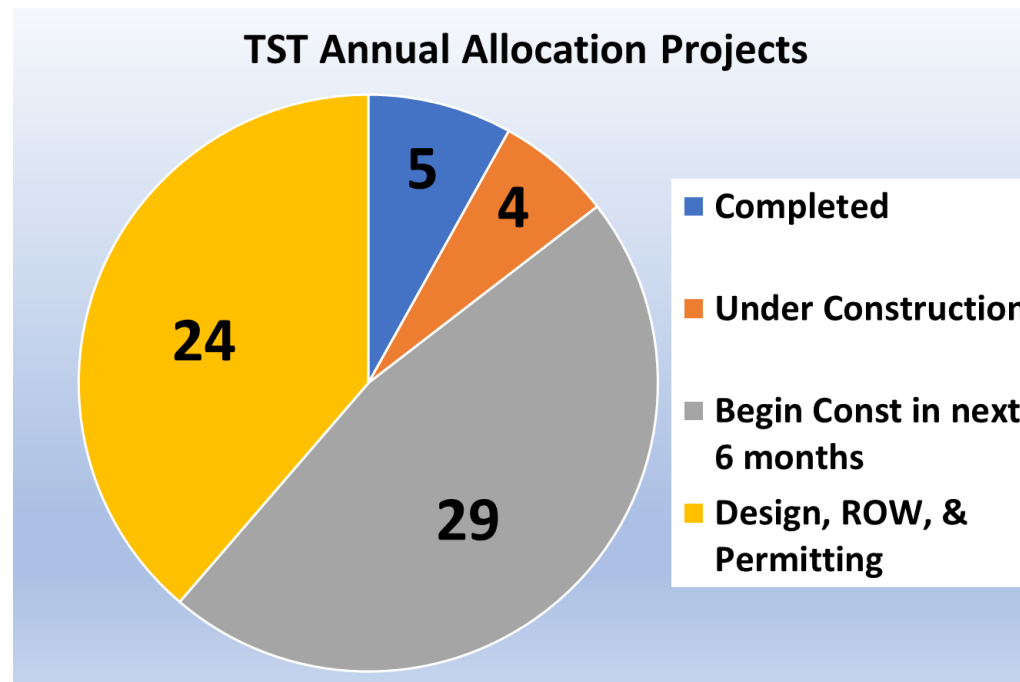
TST Rural Roads Program

- 23 Total Projects
- 5 Projects Completed Within the Past Year
- 1 Under Construction
- 5 to Begin Construction Within 6 months
- 12 in Design, ROW & Permitting Phase



TST Annual Allocation Projects

- 38 Total Projects
- 5 Projects Completed within last year
- 4 Under Construction
- 29 to Begin Construction Within 6 months
- 24 in Design, ROW & Permitting Phase



Materials Increase

SIDEWALK PROJECT

Pay Item #	DESCRIPTION	Unit	2021	2022	2023	Percent Increase
7141112	15" RC PIPE CUL.-CLASS III	LF	\$ 52.00	\$ 80.00	\$ 115.00	121%
7141113	18" RC PIPE CUL.-CLASS III	LF	\$ 55.00	\$ 120.00	\$ 190.00	245%
7141115	30" RC PIPE CUL.-CLASS III	LF	\$ 75.00	\$ 180.00	\$ 270.00	260%
7204100	CONCRETE SIDEWALK (4" UNIFORM)	SY	\$ 49.50	\$ 55.00	\$ 70.00	41%

700 CROSSWALKS (UPGRADE CROSSWALKS TO ENHANCE PEDESTRIAN SAFETY)

Pay Item #	DESCRIPTION	Unit	2021	2022	2023	Percent Increase
6825480	FURNISH & INSTALL 4' BREAKAWAY ALUM PEDESTAL POLE AND BASE	EA	\$ 800.00	\$ 1,120.00	N/A	N/A
6825484	FURNISH & INSTALL 10' BREAKAWAY ALUM PEDESTAL POLE AND BASE	EA	\$ 1,100.00	\$ 1,496.31	\$ 1,717.67	56%
6865790	FURNISH & INSTALL PEDESTRIAN PUSH BUTTON AND SIGN (R-10-4B)	EA	\$ 350.00	\$ 542.80	\$ 414.33	18%

LOCAL PAVING JOB

Pay Item #	DESCRIPTION	Unit	2021	2022	2023	Percent Increase
3050106	GRADED AGREGATE BASE COURSE (6")	SY	\$ 17.00	\$ 29.75	\$ 29.75	75%
4030340	HOT MIX ASPHALT SURFACE COURCE TYPE C	TON	\$ 132.00	\$ 240.00	\$ 275.00	108%

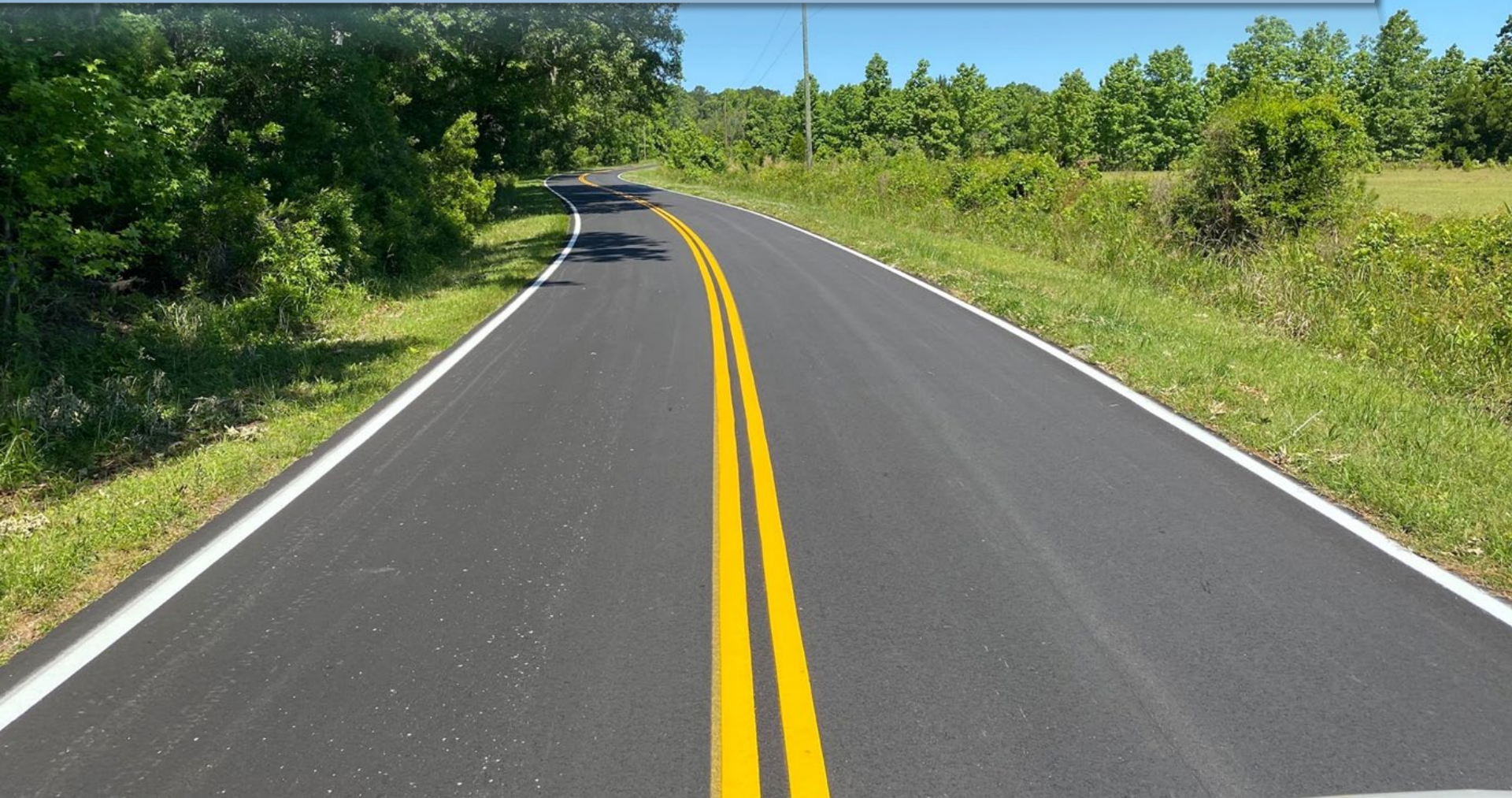
DECORATIVE SIGNAL INSTALLATION

Pay Item #	DESCRIPTION	Unit	2021	2022	2023	Percent Increase
6888166	POWDER COATING PER MAST ARM OVER BASE	EA	\$1,100.00	\$1,500.00	\$1,625.00	48%
6888168	DECORATIVE OPTION PER MAST ARM	EA	\$1,600.00	\$ 3,000.00	\$ 2,125.00	33%
6888179	DESIGN, FURNISH & INSTALL STEEL POLE WITH MAST ARM INCLUDING FOUNDATION	EA	\$31,000.00	\$ 55,000.00	\$ 47,000.00	52%

* Prices on asphalt and pipe were over 80 percent higher on Palmetto Commerce Parkway Interchange compared to Glenn McConnell Parkway Widening.

Featured Projects

Projects of Local and Regional Significance



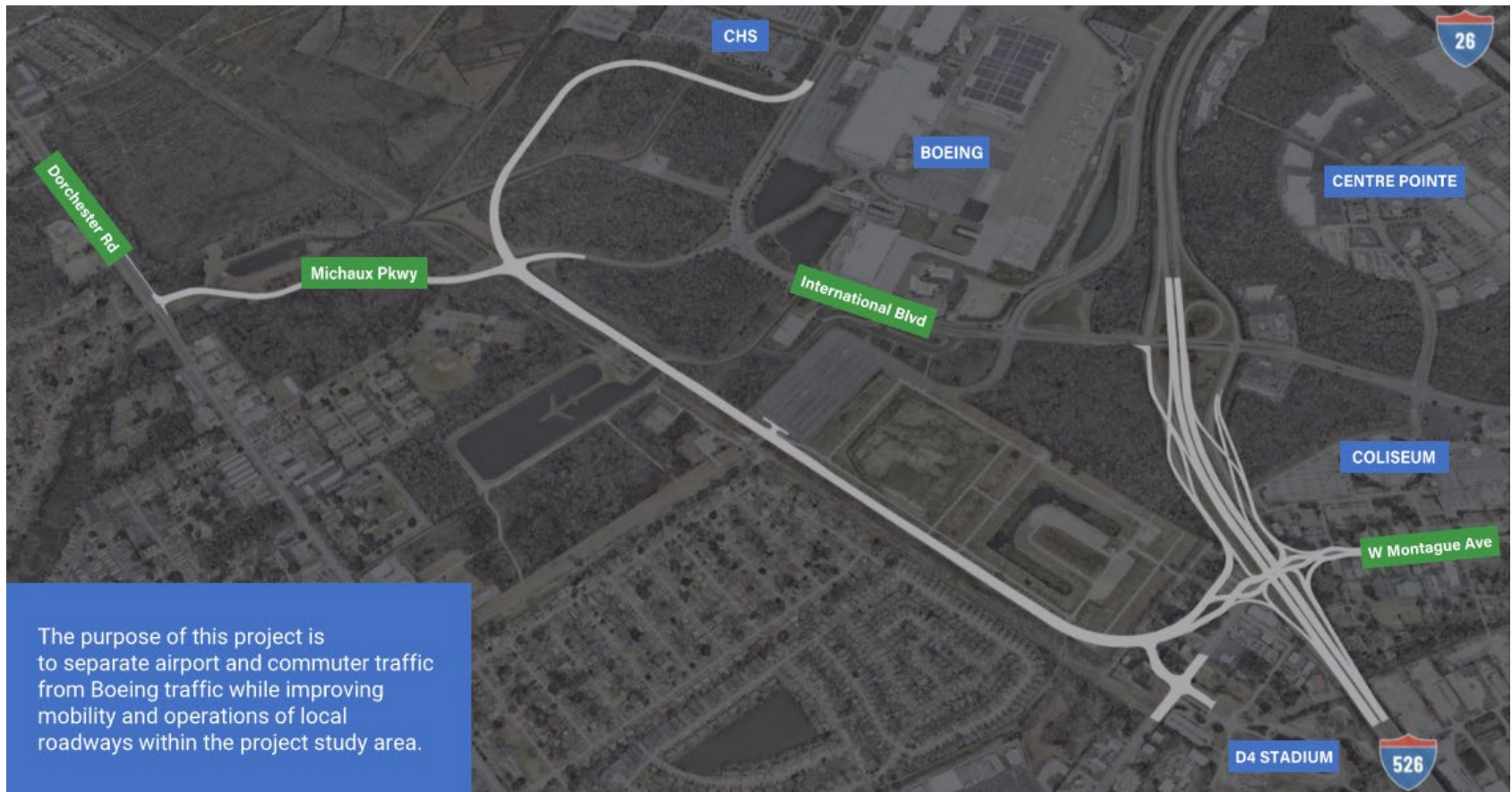
Maybank Highway Improvements: Northern Pitchfork

- Notice to proceed for construction given December 2022.
- Finishing up drainage pipe installation to pond and will begin grading operations and curb and gutter work by end of August/early September.
- Looking to restripe approach lanes at Maybank/River Road intersection with this construction project to accommodate current traffic patterns and queuing at the left turn.
- County staff collaborating with City staff and the County's Maybank Highway Improvement Design Consultant in efforts to identify ways to further alleviate traffic congestion.
- Construction currently anticipated to be completed 1st Qtr 2024.



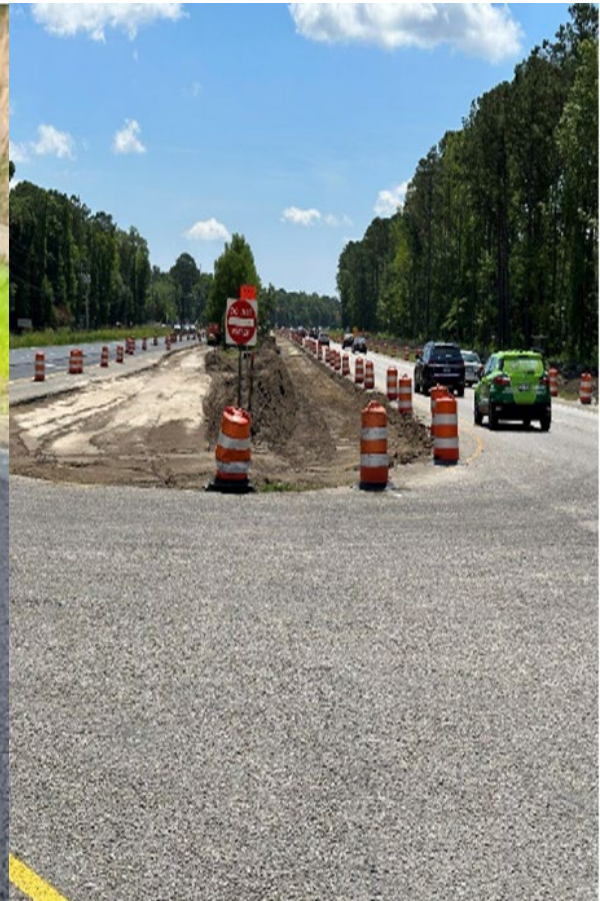
Airport Connector Road

Submitted Environmental Assessment (EA) document and received feedback on 7/11/23 and we are working to address their concerns regarding the EJ population in the area. We are looking to make the EA document resubmittal to FHWA by end of August/early September.



Glenn McConnell Parkway Widening

- Phase 2 (of 3) of construction to be complete by end of 2023
- Lake Dotterer Utility Relocation to be completed in Phase 2
- Achieve substantial completion start of 2nd quarter 2024
- Achieve final completion end of 2nd quarter 2024



Highway 41 Corridor Improvements



- In August 2021 County Council unanimously voted to advance preliminary design plans for the Proposed Compromise Alternative and submit an Environmental Report and wetland permit application to USACE. The report/permit was submitted in May 2023 and USACE completed its Public Notice and Comment period in July. Over 3,000 comments were received
- USACE plans to officially ask Staff to have our consultant assist them in responding to the comments and will decide in the coming months whether to hold a public meeting/hearing.

Interim Improvements project:

- Intersection modifications at 41 / Joe Rouse Road and 41 / 17 will provide some traffic relief until the corridor project is built.
- Will re-Advertise in 3rd Quarter, completed in the Spring of 2024.

James Island Intersection and Bike/Pedestrian Improvements

Central Park Road and Riverland Drive Intersection Improvements



- Right-of-way plans have been submitted to SCDOT for review.
- Advertise for construction late 2024.

Folly Road Bike and Pedestrian Improvements



- Final plans/permits in hand.
- Utility Coordination complete and certified by DOT/FHWA.
- Right-of-way acquisitions nearing completion.
- Advertise for construction 4th Qtr 2023.

James Island Intersection and Bike/Pedestrian Improvements

Fort Johnson Road at
Secessionville Road



- Signalized intersection with turn lanes.
- Right-of-way acquisition complete.
- Final CWS plans in hand. Final JISD plans in hand.
- Will be advertising CE&I services in September 2023.
- Only outstanding permit needed is SCDOT encroachment permit.
- Advertise for construction 4th Qtr 2023.

Fort Johnson Road at Camp Road



- The urban compact roundabout design is the preferred alternative, and it has received preliminary approval from SCDOT
- Right of way acquisition began in April
- In permitting review with SCDOT, SCDHEC, and the City of Charleston
- Advertise for construction in the first quarter of 2024

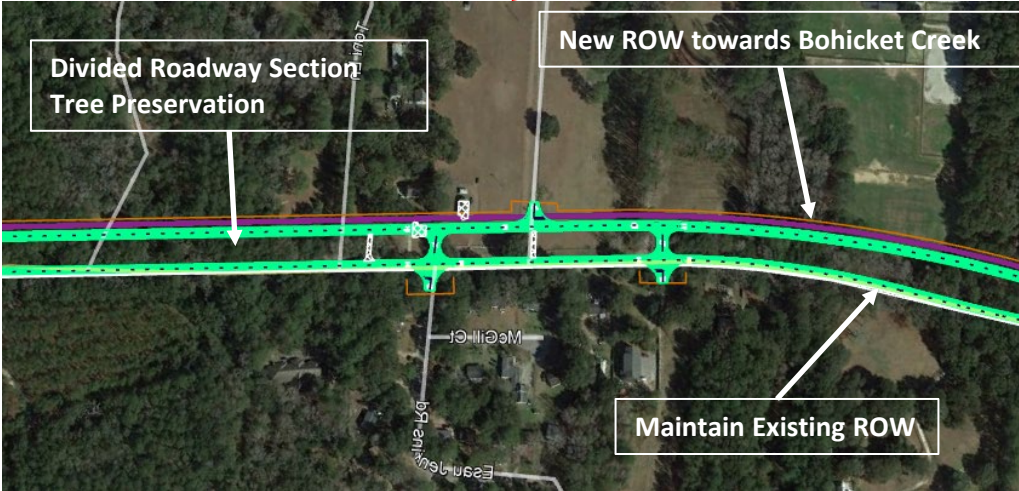
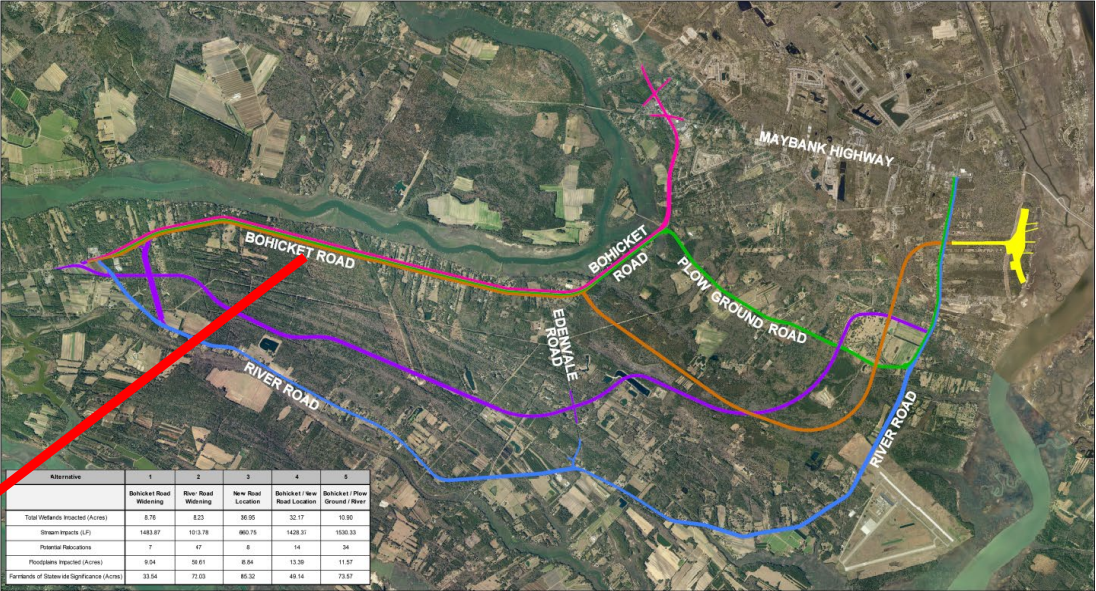
Main Road Corridor: Segment A



- Anticipate receiving environmental permits 1st quarter 2024
- SCDOT approved right-of-way plans obtained May 2023
- Right-of-Way acquisition for the project has been initiated
- Award contract for construction 2nd quarter 2024

Main Road Corridor: Segment C

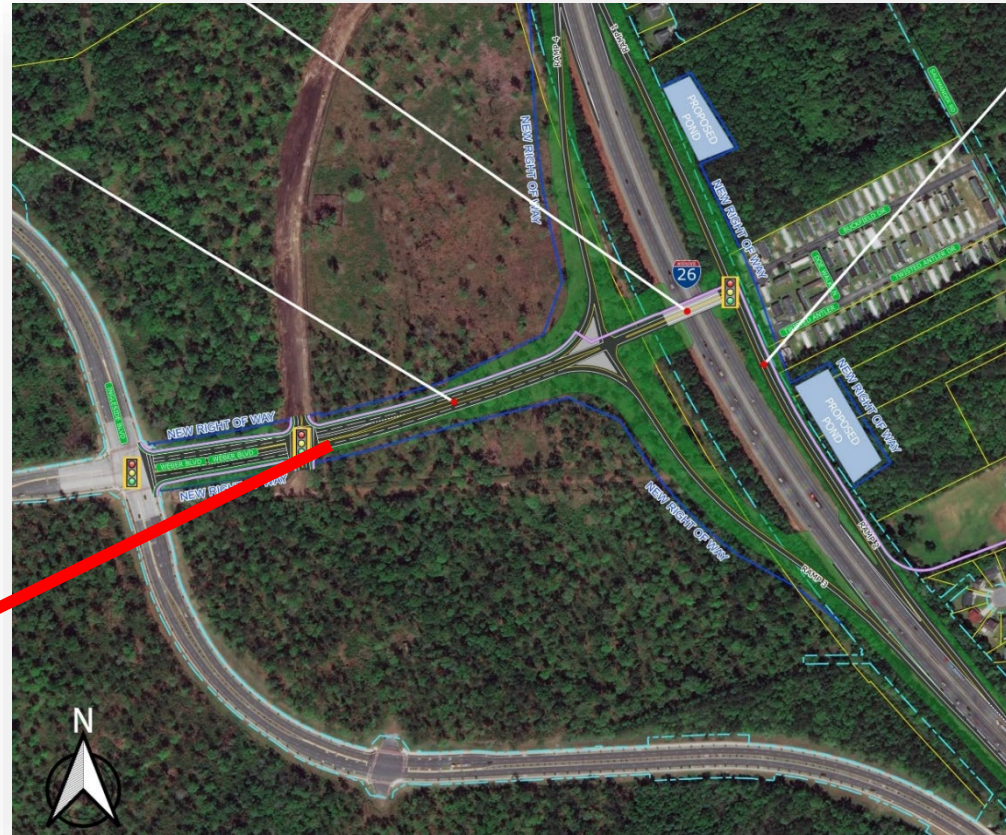
- 2nd Public Meeting was held back in May 2022.
- A summary of the public comments and traffic operational summary has been posted to project website.
- Received approximately 800 comments at last public meeting



- 3rd Public Meeting (In-Person) has been tentatively scheduled for early October 2023
- Currently refining Alternative(s) based on public comment

Palmetto Commerce Interchange

- Construction contract awarded to Banks Construction Co. for \$52M with construction beginning on August 1st 2023.
- Staff anticipates project being substantially completed early 2026.
- Banks currently underway with clearing between Weber Blvd and I26.



Dorchester Road Improvements

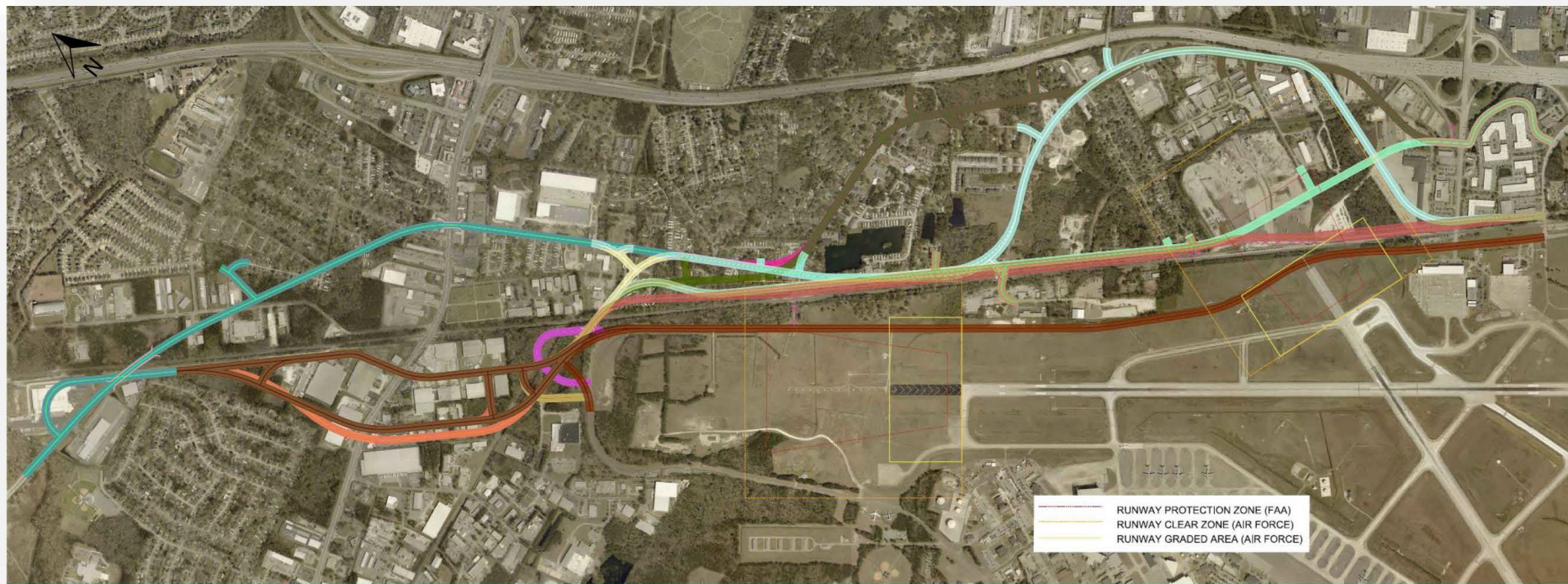
Phased Engineering Design & Environmental Permitting from Dorchester County Line to Michaux Parkway.

- Stantec began design work February 13, 2023
- Staff anticipates concept designs by the end of 2023
- Staff has begun meetings with Joint Base Charleston and anticipates 1st public information meeting early 2024.



Palmetto Commerce Parkway Phase 3

- Traffic studies have shown that just two of the six alternatives for the project will meet the project's purpose of relieving future traffic congestion in the project area.
- Staff is continuing work with Joint Base Charleston to obtain an easement to construct the Parkway and to mitigate airfield safety and potential land development issues.
- Planning to hold a public information meeting to present the two alternatives in early 2024.



US 78 Corridor Improvements

Budget is \$47M

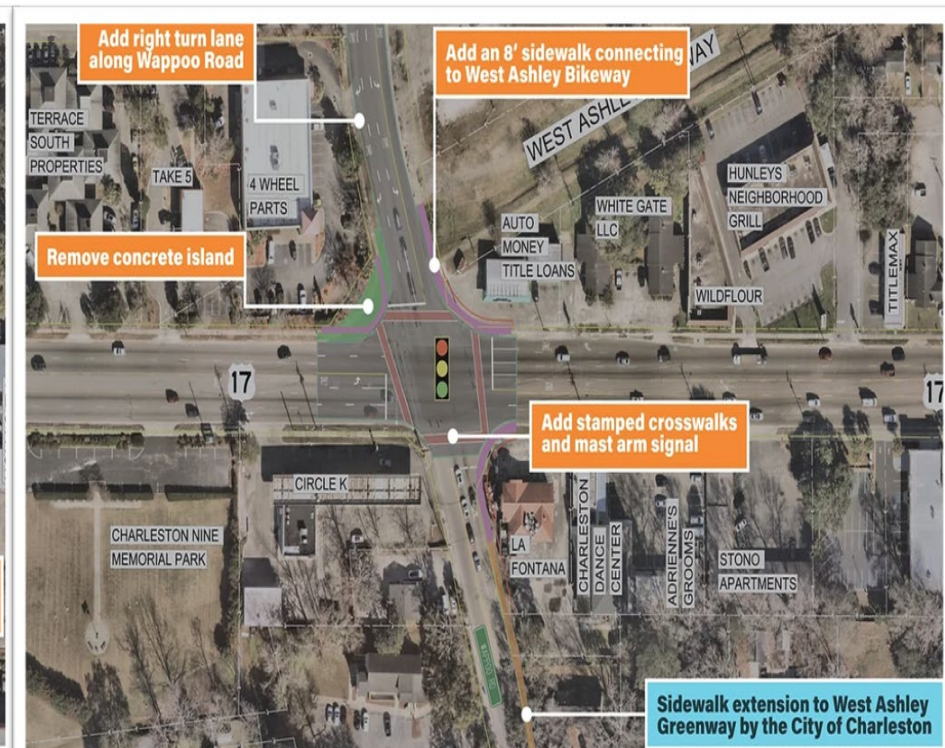
- Six design concepts to meet future traffic needs have been studied for the US78 corridor from Rivers Avenue to the Berlin G. Myers Parkway.
- All concepts would exceed the project budget.
- The next design phase will evaluate scope mods, interim projects, and project phasing.
- A public meeting to present feasible alternatives will be held 1st quarter of 2024



- Interim improvements at the west intersection of Medical Plaza Drive and US 78 are planned to start construction in September.

Savannah Highway Capacity and Intersection Improvements

- Survey has been collected and preliminary design initiated for improvements at Dupont/Stinson and Wappoo intersections
- County and City agreement executed to clarify roles and responsibilities at the Avondale/Magnolia intersections
- Construction start date 3rd Quarter 2024 for Dupont/Stinson and Wappoo
- Construction start date 2nd Quarter 2025 for Avondale/Magnolia



Pavement Management



Recently Completed FY 22 Projects

CTC 2022 Resurfacing Plan

- 11 Miles or 32 Roads
- \$2,486,044.51 or \$226,004.05/Mile

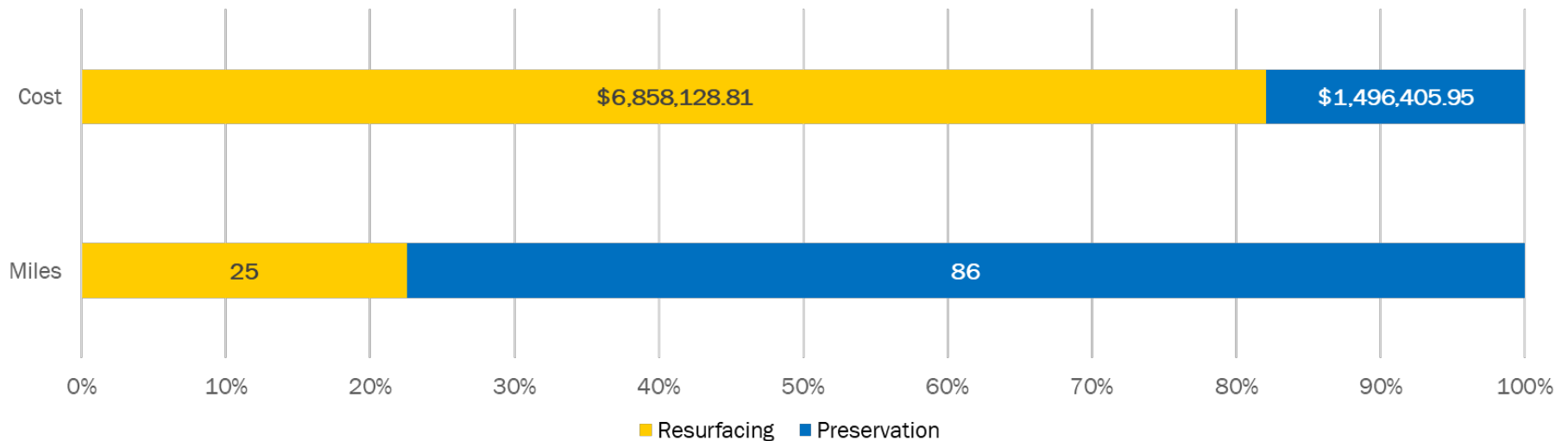
TST 2022 Resurfacing Plan

- 14 Miles or 47 Roads
- \$4,372,084.30 or \$312,291.74/Mile

TST & TOMP 2022 Rejuvenator Plan

- 78 Miles or 440 roads with Reclamite
 - \$11,088/Mile
- 8 Miles or 31 Roads with PlusTi
 - \$21,120/Mile
- Total Contract \$1,496,405.95

FY 22 Projects Total	Roads Treated	Miles Treated
\$8,354,534.76	550	111



Upcoming FY 23 Projects

*All projects below are based off the Engineers estimates

CTC 2023 Resurfacing Plan A

- 4.6 Miles or 1 Roads

CTC 2023 Resurfacing Plan B

- 28.3 Miles or 68 Roads

TST & TOMP 2023 Rejuvenator Plan

- 98 Miles or 308 roads with Reclamite
- 22 Miles or 44 Roads with PlusTi

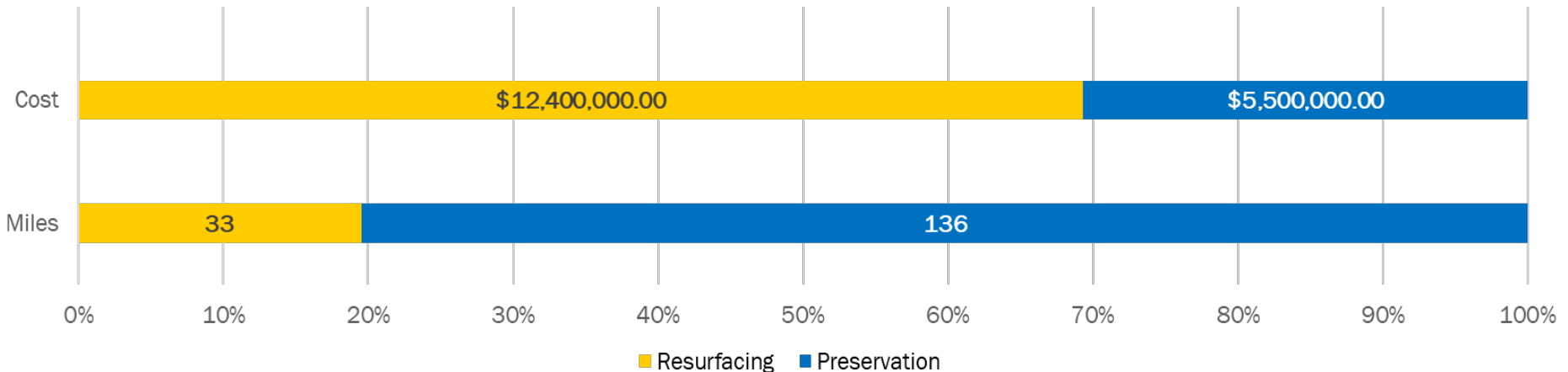
TST 2023 Hot-in-Place Recycling

- 6.6 Miles or 4 Roads

CTC 2023 Microsurfacing with Fiber Reinforcement

- 9.6 Miles or 5 Roads

FY 22 Projects Total	Roads Treated	Miles Treated
\$17.9M	430	169



Recent Achievements

SCAPA: Project Delivery Award



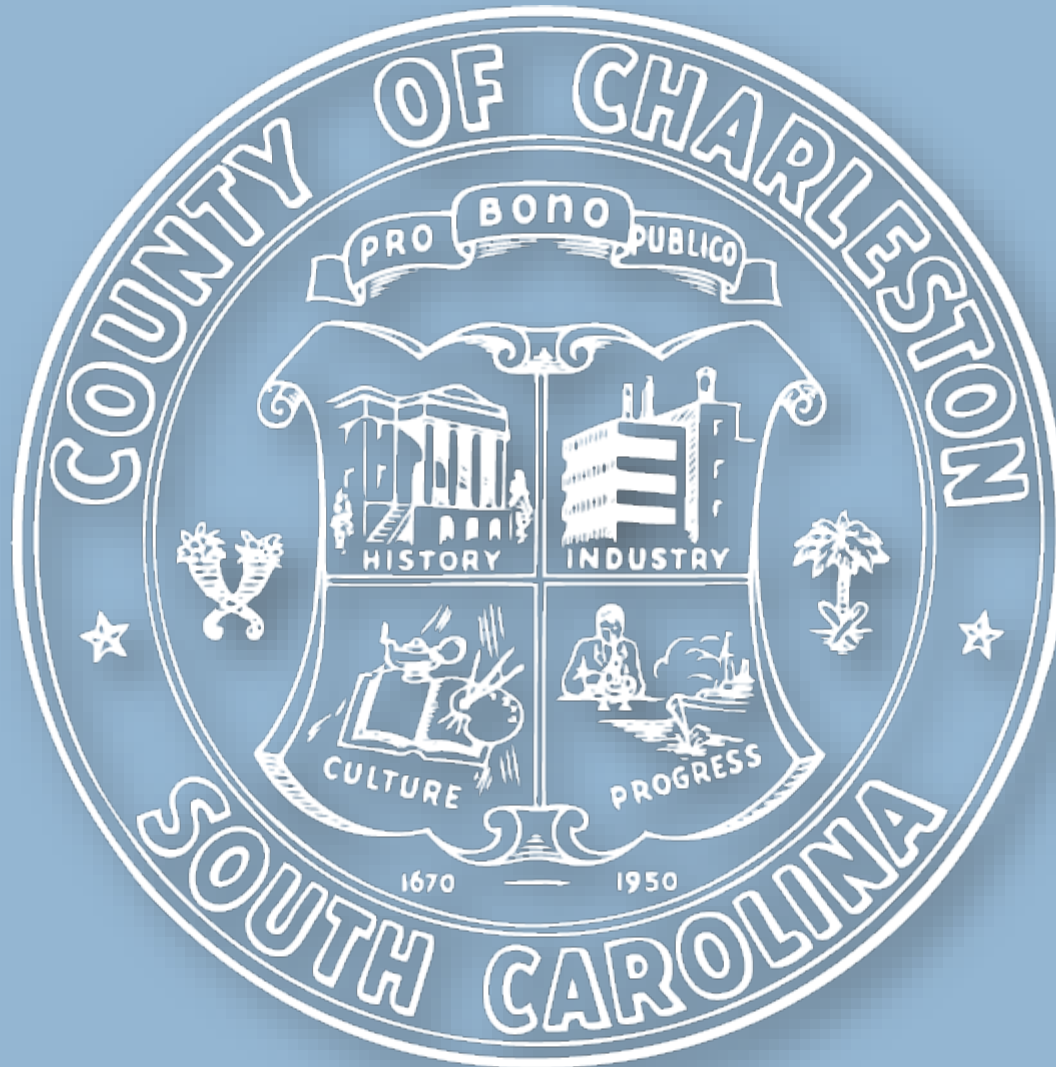
Award for Resurfacing Murray Blvd

National APWA: Technical Innovation Award



Titanium Dioxide Pilot Program

Thank you!



Questions?