

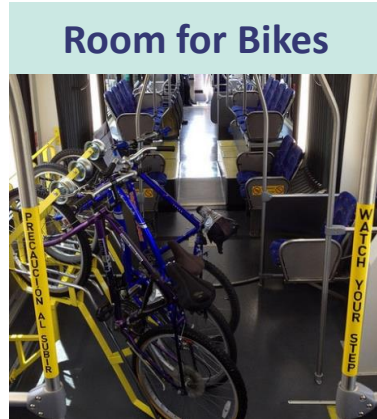
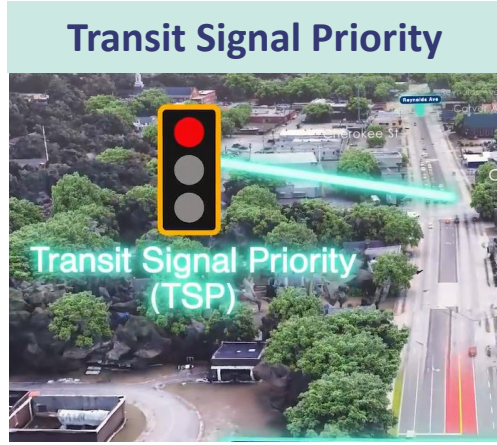
CARTA Board Meeting

August 17, 2022



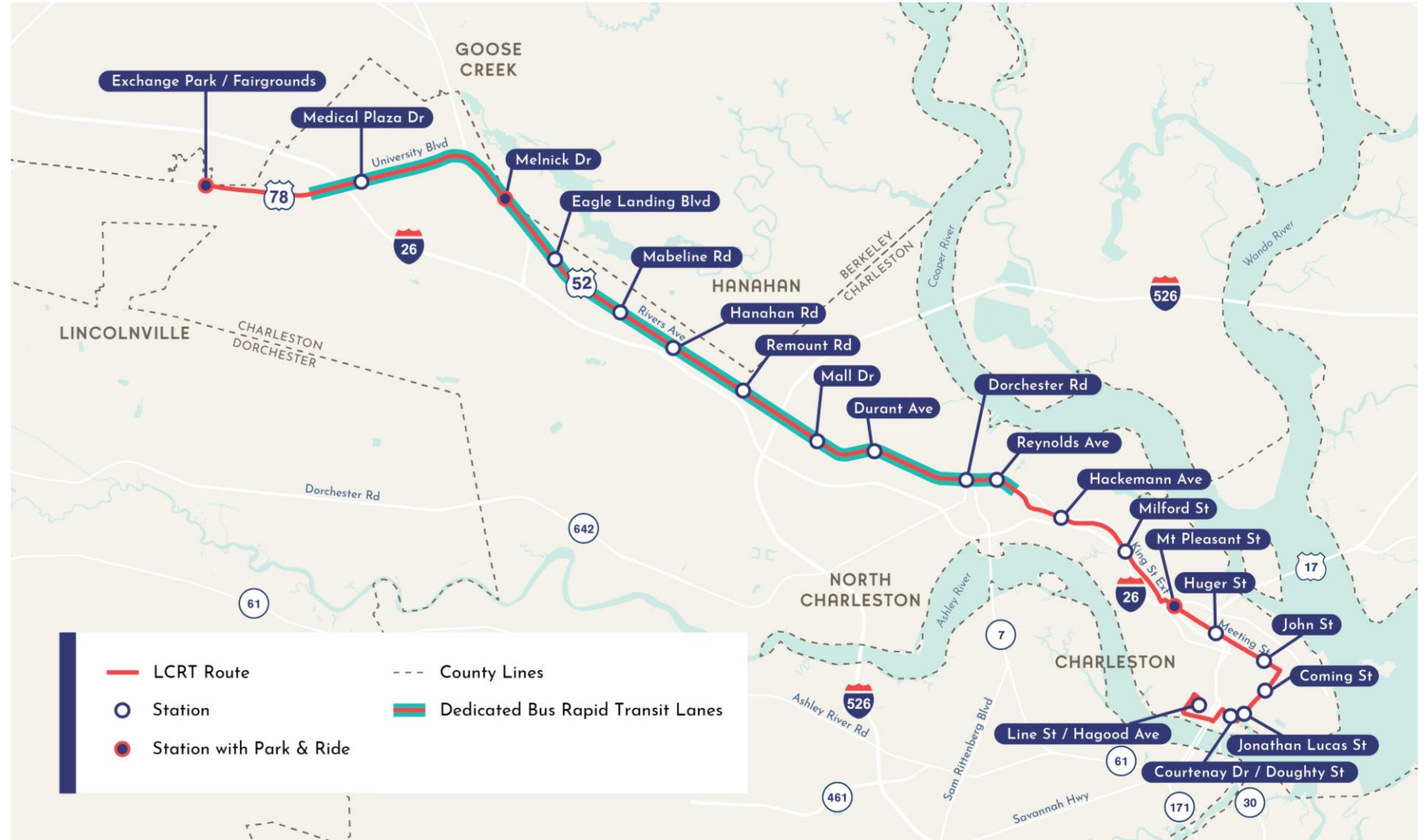
Bus Rapid Transit (BRT)

Purpose: Provide premium, high-capacity BRT service.



Service

- Ladson/Fairgrounds to WestEdge
- Three Park and Rides
- 70-minute end to end travel time
- 10-minute weekday service during peak and daytime hours
- 21-hour service duration during the week
- 20 – 30-minute service on weekends
- Connects to CARTA and TriCounty Link transit services



Capital Investment Grants Program



Project Development Milestones

Scope, Schedule and Cost Defined for CIG Advancement (30% Design)

NEPA Clearance

IGA/Partner Roles and Responsibilities

Risk and Readiness Review

Project Rating to qualify for CIG Funding (LCRT Achieved Medium-High Rating)

Approval to Enter Engineering (Locks in the GIG Contribution)

Engineering Overview

60%, 90% and 100% Plans, Specifications & Estimates (PS&E)

Coordinate with Utilities, Railroads, and Other Related Projects

Refine Traffic Analysis and Maintenance of Traffic Plan

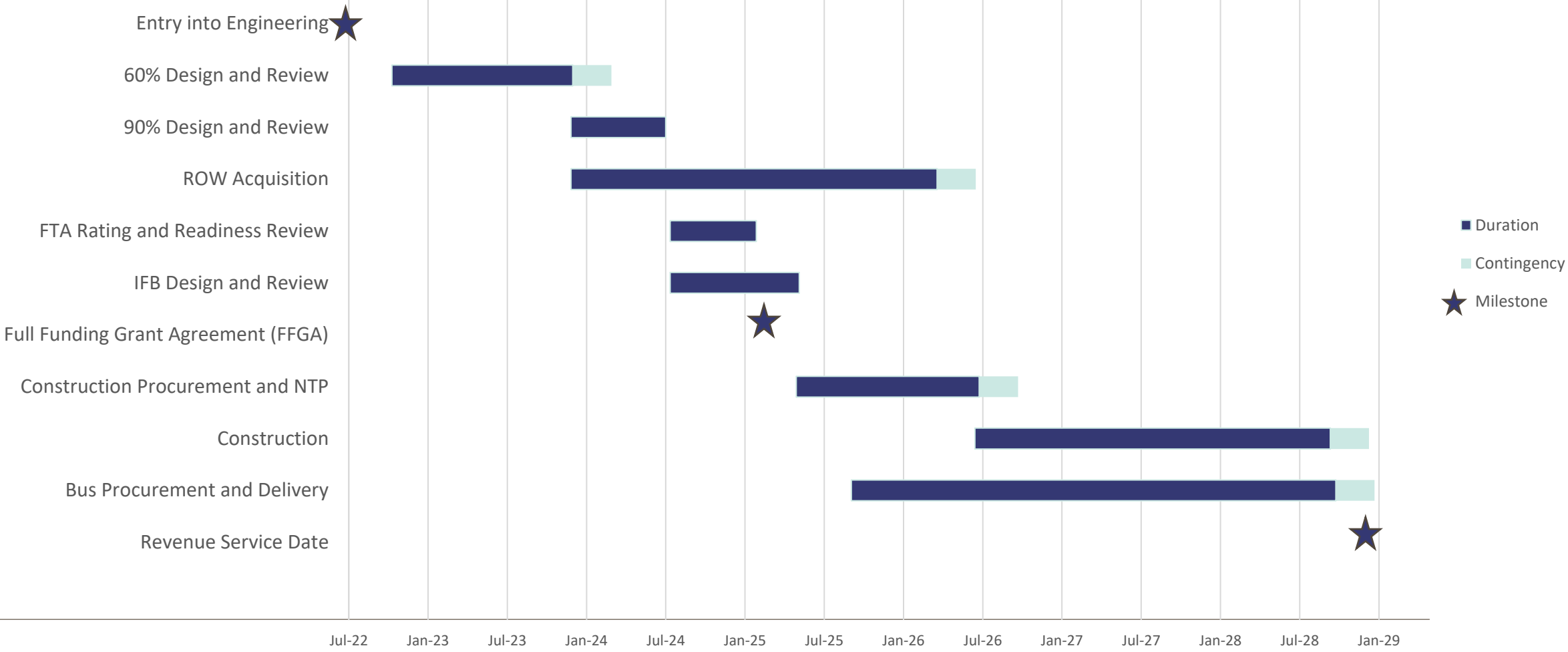
Right of Way Acquisition

Value Engineering and Risk Management

Supplement the DCE as Needed

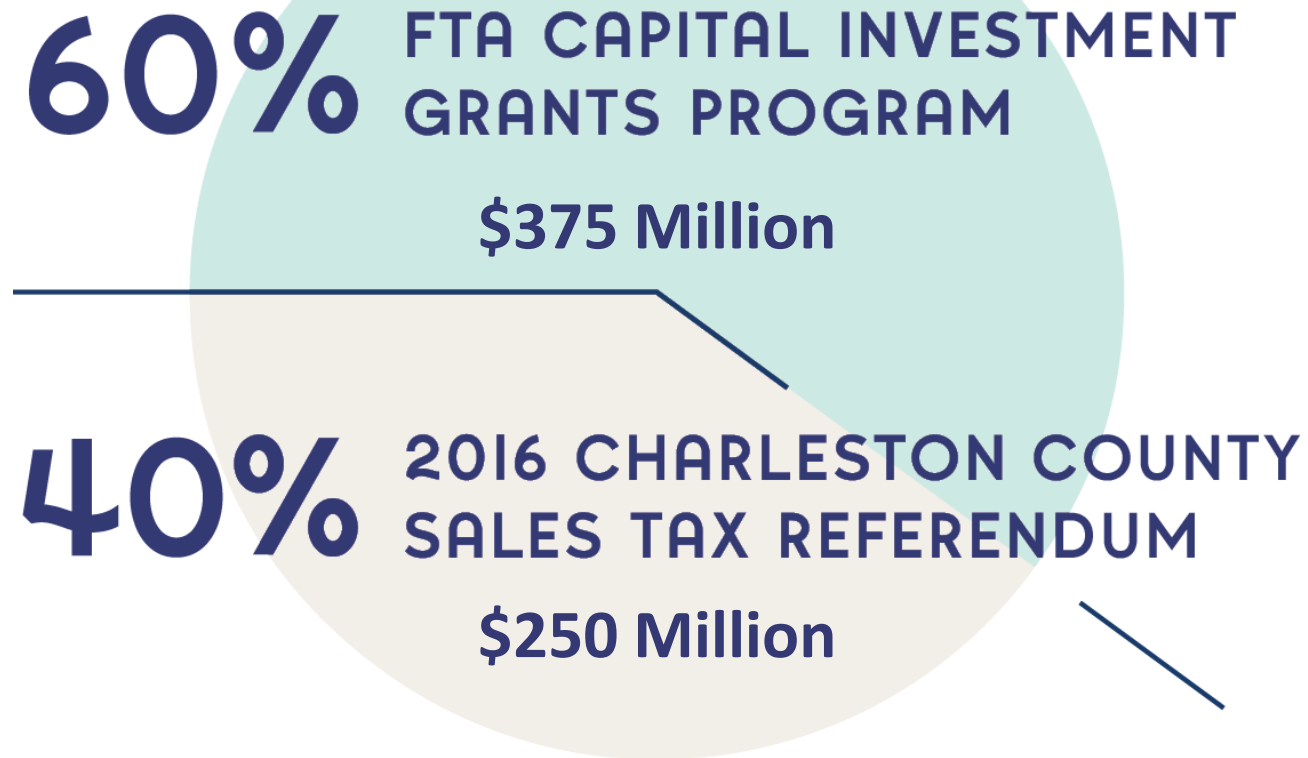
Define Construction Packages and Project Delivery Strategies

Project Schedule



Project Funding

Estimated Project Cost:
\$625 Million



FTA Approved Capital Budget

Item	Base Year (\$2021 M)	Allocated Contingencies (\$2021 M)	Base Year (\$2021 M)	YOE (\$ M)
Construction	\$216.30	\$64.40	\$280.80	\$342.50
ROW	\$19.50	\$12.70	\$32.20	\$36.30
Vehicles	\$33.60	\$1.40	\$35.00	\$44.10
Professional Services	\$80.10	\$19.80	\$99.90	\$113.00
Subtotal	\$349.50	\$98.30	\$447.90	\$535.90
Unallocated Contingency			\$47.50	\$57.60
Finance Charges			\$27.00	\$31.60
Total Project Cost			\$522.40	\$625.10

FTA/PMOC Oversight

- Administration of federal grants and loans
- Ensures federal funds are used for intended purposes
- Compliance with regulatory and statutory requirements
- Provides technical assistance
- Approve projects to advance in the program
- Adherence to the terms of the grant or loan
- Bi-Monthly FTA/PMOC Meetings
- Quarterly FTA Reports



**Federal Transit
Administration**

Intergovernmental Agreement Roles & Responsibilities

BCDCOG	Charleston County
<ul style="list-style-type: none">• Program Sponsor• Project Oversight• Program Manager Consultant• Public and Stakeholder Involvement• FTA CIG Reporting• Safety and Security	<ul style="list-style-type: none">• Local Funding Match
SCDOT	CARTA
<ul style="list-style-type: none">• Engineering Lead and Contracts• ROW Acquisition• CEI Lead and Contracts• Construction Lead and Contracts• Traditional Maintenance	<ul style="list-style-type: none">• Vehicle Procurement• Operator Training• BRT SOP and Service Standards• Operations and Dispatch• Bus and Bus Facilities Maintenance

The Executive Leadership Team

- One Representative from BCDCOG, SCDOT, Charleston County and CARTA
- Decision Making Authority
- Executive Level Oversight
 - Scope, Schedule, Budget
- Dispute Resolution



Project Controls

Quarterly FTA Reports

Monthly Project reports

Bi-weekly Project and Program Management Meetings

eBuilder Project Management Information System Software

→ Up to date dashboard with Project Status information

Next Steps

Fall 2022: SCDOT Procurement for Engineer of Record

December 2022: Begin Design Coordination with Engineer of Record

November 2023: 60% Design Plans

December 2023: Begin Right-of-Way Acquisition and Utility Coordination