



BOARD OF DIRECTORS

METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY

PLANNING AND CAPITAL PROGRAMS COMMITTEE

THURSDAY, AUGUST 25, 2022

ATLANTA, GEORGIA

MEETING MINUTES

1. CALL TO ORDER AND ROLL CALL

Committee Chair Al Pond called the meeting to order at 9:30 A.M.

Board Members

Present:

Al Pond
Freda Hardage
Jim Durrett
Robert Ashe III
Roderick Frierson
Stacy Blakley
Reginald Snyder
Thomas Worthy
William Floyd
Rita Scott
Heather Aquino¹
Russell McMurry¹

Board Members

Absent:

Kathryn Powers
Roberta Abdul-Salaam
Russell McMurry
Rod Mullice

Staff Members Present:

Collie Greenwood
Josh Rowan
Manjeet Ranu
Raj Srinath
Luz Borrero

¹Russell McMurry is Commissioner of the Georgia Department of Transportation (GDOT) and Heather Aquino is the Interim Executive Director of the Georgia Regional Transportation Authority (GRTA). Per the MARTA Act, both are non-voting members of the Board of Directors.

George Wright
Ralph McKinney
Peter Andrews

Also in Attendance: Justice Leah Ward Sears, Paula Nash, Jacqueline Holland, Carrie Rocha, Shelley Peart, Robin Boyd, Kenya Hammond and Tyrene Huff

2. APPROVAL OF THE MINUTES

Minutes from July 28, 2022, Planning and Capital Program Committee meeting.

Approval of the Minutes from July 28, 2022, Planning and Capital Program Committee meeting. On a motion by Board Member Snyder, seconded by Board Member Durrett, the motion passed by a vote of 7 to 0 with 1 member abstaining and 8 members present.

3. RESOLUTIONS

Resolution Authorizing the Execution of an Intergovernmental Agreement ("IGA") Between Clayton County and MARTA for a Program Coordinator Position

Approval of the Resolution Authorizing the Execution of an Intergovernmental Agreement ("IGA") Between Clayton County and MARTA for a Program Coordinator Position On a motion by Board Member Durrett, seconded by Board Member Frierson, the resolution passed by a vote of 6 to 3 with 1 member abstaining and 10 members present.

Resolution Authorizing the Disposal of Permanent Easements to the Georgia Department of Transportation (GDOT) in the Amount of \$49,900.00 for Traffic Signal Upgrades at SR 154/Lee Street at three locations, Fulton County, Atlanta GA

Approval of the Resolution Authorizing the Disposal of Permanent Easements to the Georgia Department of Transportation (GDOT) in the Amount of \$49,900.00 for Traffic Signal Upgrades at SR 154/Lee Street at three locations, Fulton County, Atlanta GA on a motion by Board Member Hardage, seconded by Board Member Worthy, the resolution passed by a vote of 10 to 0 with 1 member abstaining and 11 members present.

4. BRIEFING

Summerhill Bus Rapid Transit (BRT) Significant Change - Cost and Schedule Briefing

Abhay Joshi, Director Construction Management, provided the committee with a briefing of the SummerHill BRT project scope, cost and schedule changes.

Clayton County Justice Center Transit Hub

Shelley Peart, Acting Assistant General Manager Planning, provided the Committee with an update of the Clayton County Justice Center Transit hub project.

5. OTHER MATTERS

None

6. ADJOURNMENT

The Committee meeting adjourned at 10:38 A.M.

Respectfully submitted,

A handwritten signature in blue ink that reads "Tyrene L. Huff". The signature is written in a cursive style with a large initial 'T'.

Tyrene L. Huff
Assistant Secretary to the Board

YouTube link: <https://youtu.be/ZpESYEEtRKk>



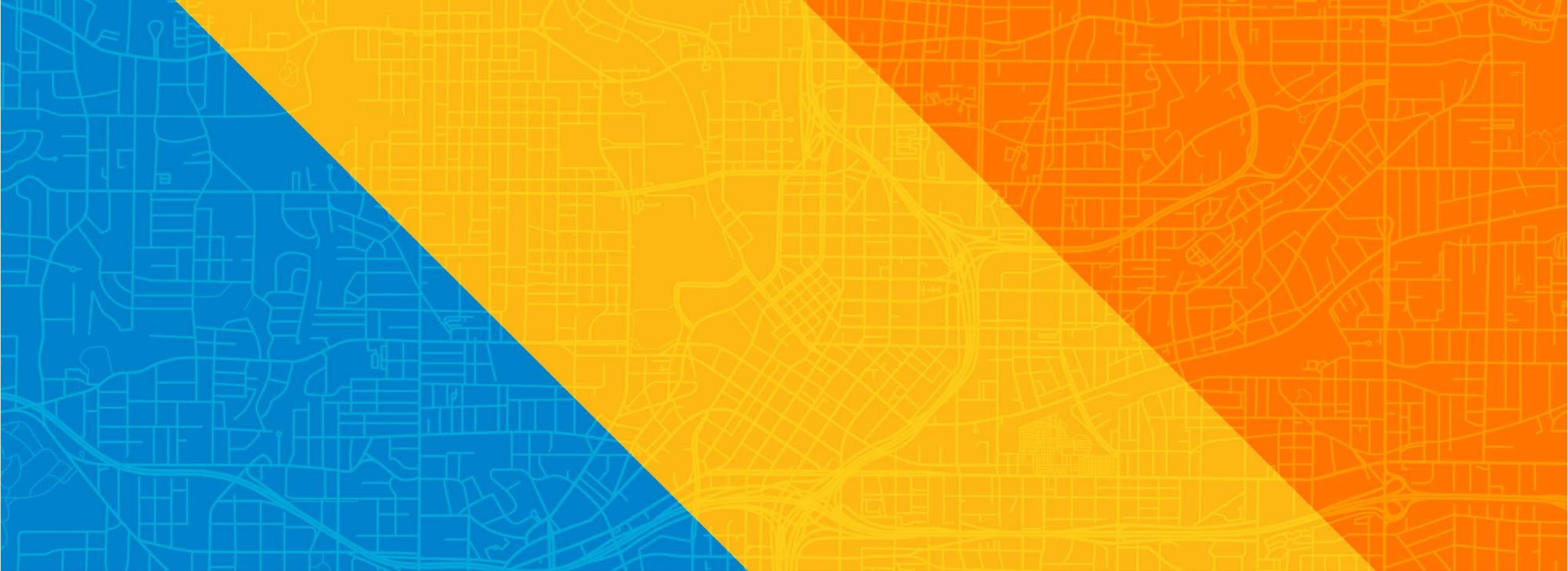
**RESOLUTION AUTHORIZING THE EXECUTION OF AN
INTERGOVERNMENTAL AGREEMENT (“IGA”)
BETWEEN CLAYTON COUNTY AND MARTA FOR A
PROGRAM COORDINATOR POSITION**

Planning and Capital Programs Committee
August 25, 2022

Overview

- On Nov. 4, 2014, residents of Clayton County approved a referendum to join MARTA.
- MARTA has planned enhancements in Clayton County (e.g., improved bus service, high-capacity transit services and a new Operations & Maintenance Facility)
- MARTA and Clayton County agree that a Program Coordinator would be an asset to transit delivery in the County. The position will be employed by Clayton County, report to the County COO and the salary will be reimbursed by MARTA
- Program Coordinator, among other duties as assigned by the County, will:
 - Coordinate MARTA/Clayton projects
 - Assist with issue resolution between and among various County departments
 - Assist with Clayton County MARTA Citizen Advisory meetings
 - Attend MARTA meetings and provide County input regarding MARTA projects as needed
 - Develop a variety of reports for the County
- Term of 3 years with two (2) one year options (up to five years total)
- Compensation - \$260,000 annually





Thank You





Resolution Authorizing the Disposal of Permanent Easements to the Georgia Department of Transportation (GDOT) in the amount of \$49,900.00 for Traffic Signal Upgrades at SR 154/Lee Street at three locations, Fulton County, Atlanta GA

Planning & Capital Programs Committee

August 25, 2022

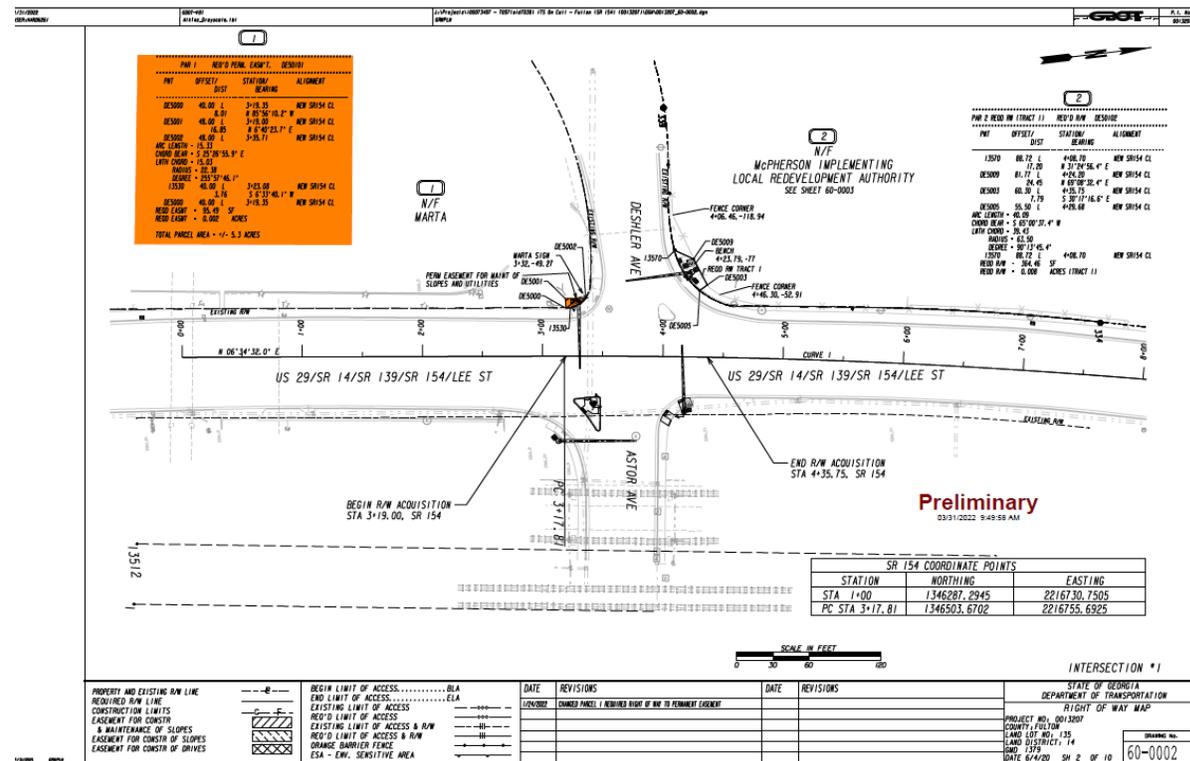
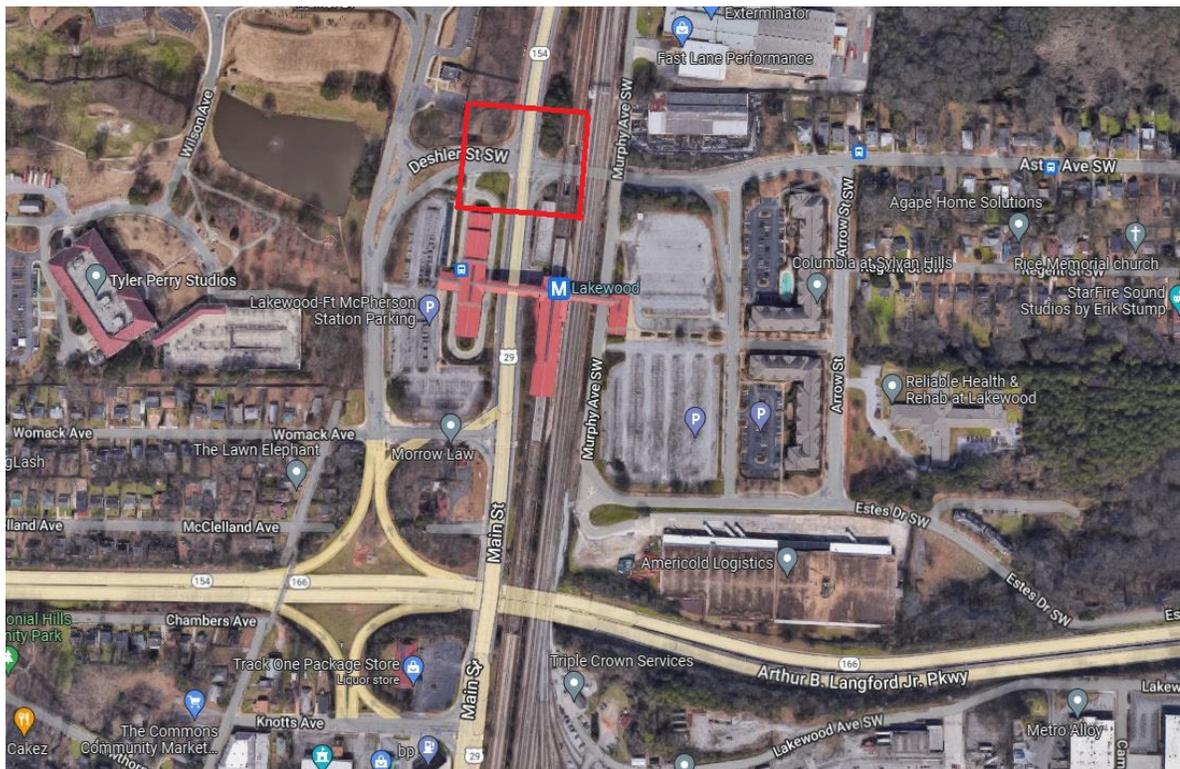
Robin Boyd
Director of Real Estate

Transaction Overview

Purpose	<p>Traffic Signal Upgrades at the following intersections:</p> <ol style="list-style-type: none"> 1. GDOT Parcel 1 (Tyler Perry Studio Way, SW @ Lee St.) in support of SR29 Traffic Signal Upgrade Project near MARTA's Lakewood Ft. McPherson Rail Station in Atlanta, Ga., MARTA Acquisition Parcel S914, Disposal Parcel C4186B, Tax Id 14 0122LL042, for a negotiated estimated value of an easement = \$13,400.00 2. GDOT Parcel 3 (Van Buren St @ Lee St.) in support of SR29 Traffic Signal Upgrade Project near the Lakewood Ft. McPherson Rail Station, MARTA Acquisition Parcel S132/S133, Disposal Parcel C4186B, Tax Id 14 01200006057, for a negotiated estimated value of easement, security fence relocation and consequential damages = \$26,300.00 3. GDOT Parcel 12 (Lee St Connector @ Lee St.) in support of SR29 Traffic Signal Upgrade Project near the West End Station Rail Station, MARTA Acquisition Parcel S355, Disposal Parcel C4186B, Tax Id 14-0107LL0020, for a negotiated estimated value of easement and security fence relocation = \$10,200.00.
Property	<p>All Acquisition parcels are included in one MARTA Disposal Parcel C4186B</p>
Structure	<p>Easement Agreements</p>
Appraisal	<p>\$49,900.00</p>
Term	<p>Permanent</p>
Acquisition History	<p>Acquisition Parcel S914 (July 1989); Parcel S132/S133 (February 1984); S355 (November 1979)</p>
FTA Interest	<p>Acquisition Parcel S914, Parcel S132/S133 and Parcel S355 (GA-03-0023, 77%);</p>

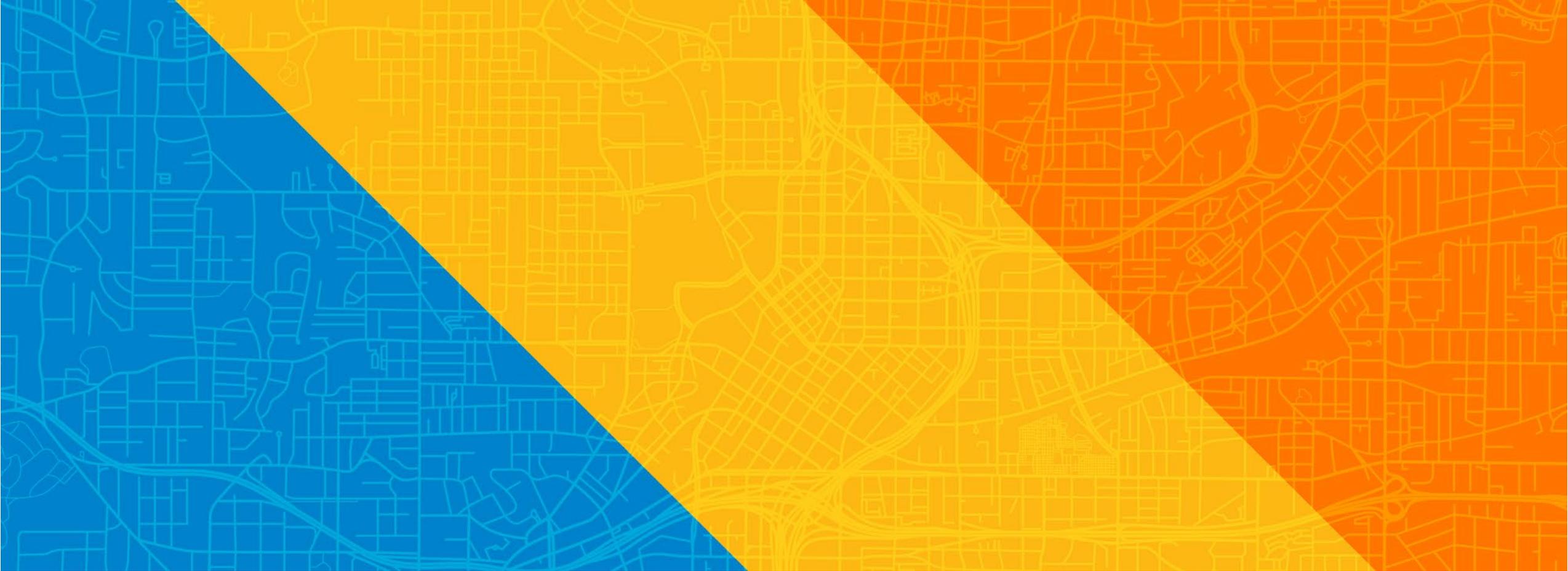
Location Map 1

Proposed Easement Agreement – Tyler Perry Studio Way, SW @ Lee St



Request Approval of the Board

Resolution Authorizing the Disposal of Permanent Easements to the Georgia Department of Transportation (GDOT) in the amount of \$49,900.00 for Traffic Signal Upgrades at SR 154/Lee Street at three locations, Fulton County, Atlanta GA



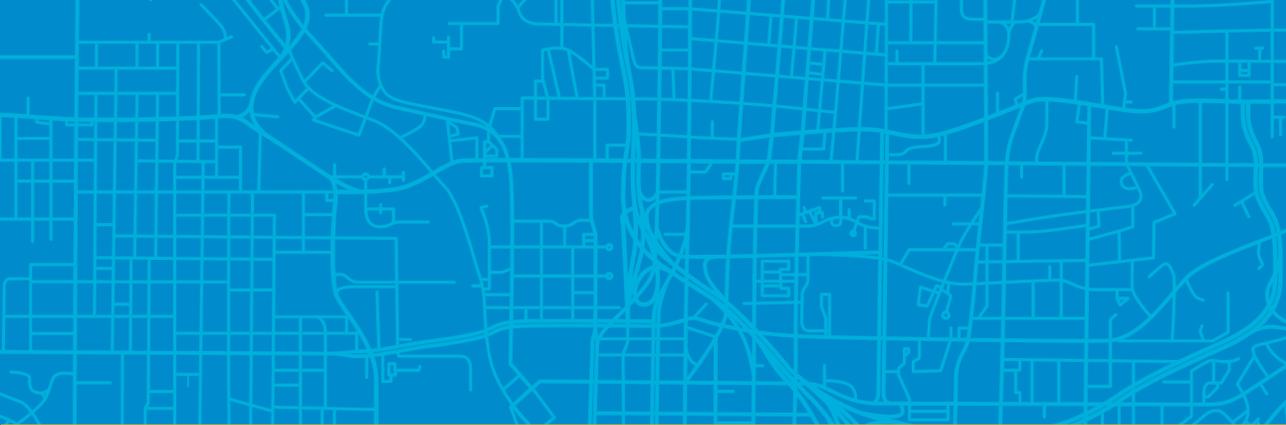
Thank You





**SUMMERHILL BUS RAPID TRANSIT (BRT)
SIGNIFICANT CHANGE – COST AND SCHEDULE**

**Planning and Capital Programs Committee
AUGUST 25, 2022**



AGENDA

- Significant Change per IGA
- Request for Modification per FY2017 Tiger Agreement
- Project Scope Changes
- Project Cost Changes
- Project Schedule Changes

Significant Change per IGA with City of Atlanta

- Budget deviation of 10% from the estimate at completion of preliminary design
- Changes originate with the PMT, submitted to PGC and recommendation by PGC

Significant program changes are defined as deviations, beyond thresholds defined below,

- A change in schedule is defined as a change in the implementation sequence of one project to the detriment to another project or not consistent with the approved program sequencing plan; or
- A significant budget deviation is defined as an increase/decrease in the cost of a project and/or a project's contribution from the More MARTA sales tax of 10% or more based on the budget established after the completion of preliminary design.
- Beginning in 2025 or sooner in the event of significant financial disruptions, at least every five years or as required by the Federal Transit Administration or other relevant funding entities the program will adopt an updated phasing plan incorporating the latest budget and scheduling information to include all significant program changes to ensure the program remains aligned to the More MARTA fiscal constraints.

Request for Modification per FY2017 Tiger Agreement

- Scope, schedule and budget changes require request of modification of agreement per Article 7, sections 7.1, 7.2 and 7.3

ARTICLE 7. STATEMENT OF WORK, SCHEDULE, AND BUDGET CHANGES

- 7.1 **Statement of Work Changes.** If the project's activities differ from the statement of work that is described in section 2.1 and Attachment A, then the Recipient shall request a modification of this agreement to update section 2.1 and Attachment A.
- 7.2 **Schedule Changes.** If the project's substantial completion date changes to a date that is more than three months after the substantial completion date listed in section 2.2 or a schedule change would require the period of performance to continue after the period of performance end date listed in section 2.2, then the Recipient shall request a modification
- 7.3 **Budget Changes.**
- (a) If any of the budget amounts that are listed in section 2.3 change from the amounts listed in that section, then the Recipient shall request a modification of this agreement to update section 2.3 and Attachment C. For other budget changes, the Recipient shall request a modification of this agreement to update Attachment C unless the USDOT has consented, in writing consistent with the Administering Operating Administration's requirements, to the change.

Project Cost Changes – Scope Changes

City Request	MARTA Request	New Information	Public/Private Utility
\$2.6M – MMA red colorized bus lane treatment *	\$1.2M - Updates to BRT Shelters/Platforms based on MARTA Customer Experience, Technology, Architecture	\$2.9M – Pavement updates for transit lanes based on geotechnical engineer’s report	\$2.2M - Georgia Power station connections direct from Georgia Power
\$4.6M – COA repaving for general purpose lanes *	\$450k - Southern Terminus final configuration based on field towing assessment and feedback from MARTA Operations / Real Estate	\$1.6M - EV on-route chargers based on EV route modeling results	\$400k - Underground waterline utility relocation costs direct from Department of Watershed Management
\$450k – Bicycle, ADA improvements, add’l pedestrian treatments	\$250K – System branding	\$440k - Tree removal / replanting based on tree survey	
\$800k - Conversion of four rectangular rapid flashing beacons (RRFBs) to pedestrian hybrid beacons (PHBs)	\$270k – Operator relief facility	\$450k – Fiber optic communications backbone based on contractor’s field testing / report	

*Amount modified in cost reduction initiative.

Cost Reduction Analysis & Decisions

- 17 major items considered, \$14M potential reductions
- 5 items eliminated from project scope
- 2 items to be funded by other sources
- 3 items change of material or reduction in quantity

Item	Cost Reduction Element	Final Cost Reduction
1	Pavement for general purpose lanes, separate bid item, separate funding source	\$ (4,500,000.00)
2	Reduction of MMA for Bus Only lanes or option for alternative product	\$ (1,300,000.00)
5	Eliminate solar power	\$ (650,000.00)
6	Eliminate battery backup power	\$ (100,000.00)
7	Change double big belly trash receptacles and replace with standard	\$ (180,000.00)
8	Eliminate bus arrival lighted pylon	\$ (500,000.00)
9	Switch handrail material (from stainless steel to powder coated steel)	\$ (450,000.00)
12	Reduce cost for Transit Signal Priority System (GDOT-supplied equipment)	\$ (100,000.00)
16	Eliminate the Capitol Ave @ Memorial Dr NB BRT station	\$ (600,000.00)
17	Eliminate the Memorial Dr @ Trinity Ave EB BRT station	\$ (750,000.00)
Total of Implemented Cost Reduction Items		\$ (9,130,000.00)

Project Cost Increases by Category

Category	Project Cost Increase (YOES\$)	
Right Of Way Acquisitions	\$	4,252,000
Scope Additions (Net)	\$	10,060,000
Utilities	\$	2,600,000
Professional Services	\$	7,978,000
Total Increase to FTA Project	\$	24,890,000

Project Cost Changes - Overall

Summerhill BRT Project - Project Cost Estimate Summary

FTA Standard Cost Category	Original Project Budget (2024\$)	30% Preliminary Design Estimate (2024\$)	Revised Project Estimate (YOES)
10 GUIDEWAY & TRACK ELEMENTS	\$5,640,000	\$4,470,000	\$9,353,000
20 STATIONS, STOPS, TERMINALS, INTERMODAL	\$10,780,000	\$15,150,000	\$16,814,000
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		\$0	\$272,000
40 SITEWORK & SPECIAL CONDITIONS	\$5,850,000	\$7,700,000	\$6,428,000
50 SYSTEMS	\$10,670,000	\$6,690,000	\$12,957,000
60 ROW, LAND, EXISTING IMPROVEMENTS	\$2,740,000	\$1,630,000	\$5,882,000
70 VEHICLES	\$6,220,000	\$10,110,000	\$8,698,000
80 PROFESSIONAL SERVICES	\$11,260,000	\$10,120,000	\$18,098,000
SCC 10-80	\$53,160,000	\$55,870,000	\$78,502,000
SCC 90 UNALLOCATED CONTINGENCY (10%)	\$5,316,000	\$5,590,000	\$7,850,200
TOTAL SCC (10-100)	\$58,476,000	\$61,460,000	\$86,352,200
TIGER FY2017 Grant	\$12,629,760	\$12,629,760	\$12,629,760
More MARTA Funds	\$45,846,240	\$48,830,240	\$73,722,440

Total Project Cost Including Non-Eligible FTA Costs

Additional Pavement (not eligible for FTA Project Funding) in YOES	\$4,961,798
Total Project Cost (FTA Project and Additional Project Cost) in YOES	\$91,314,000

TIGER FY2017 Grant	\$12,629,760
More MARTA Funds/Other Sources*	\$78,684,240

*City of Atlanta to identify funding source for additional pavement, possibly LMIG program

Revised Baseline Schedule

- Schedule workshops held to detail activities and logic for each area including:
 - Safety & Security Certification
 - Procurement & Contracts
 - Construction Duration, Testing & Startup, Training
 - Vehicle Procurement
 - Right-of-Way Acquisition Process
 - Utilities
- Schedule contingency incorporated (60 days for construction and 60 days for project)
- Construction (contract time determination) schedule under development

Top Critical Paths to Revenue Service Date (RSD)

- Longest Path – Right-Of-Way Acquisitions



- Near Critical – Electric Vehicle Design & Procurement



- Near Critical – Completion of Final Design



Schedule Milestone Comparison

Milestone	Grant Agreement Commitment	Revised Baseline Completion
Completion of Final Design	January 2022	July 2022
Construction Contract Award Date	July 2022	January 2023
Construction Start Date	August 2022	April 2023
Construction Substantial Completion Date	February 2024	May 2025
Revenue Service Date	August 2024	July 2025



Thank You



MARTA Clayton County Justice Center Transit Hub

Planning and Capital Programs Committee

August 25, 2022



Purpose and Need

- Reconstruct existing facility as a fully-equipped, permanent transit hub
- Provide enhanced passenger amenities and services
- Provide dedicated space for bus layovers and a relief point for operators
- Provide multimodal access to MARTA services
- Ensure accommodations for current routes and future high-capacity service
- Design to accommodate future BRT service
- Provide greater access to jobs and services
- Reduce traffic congestion

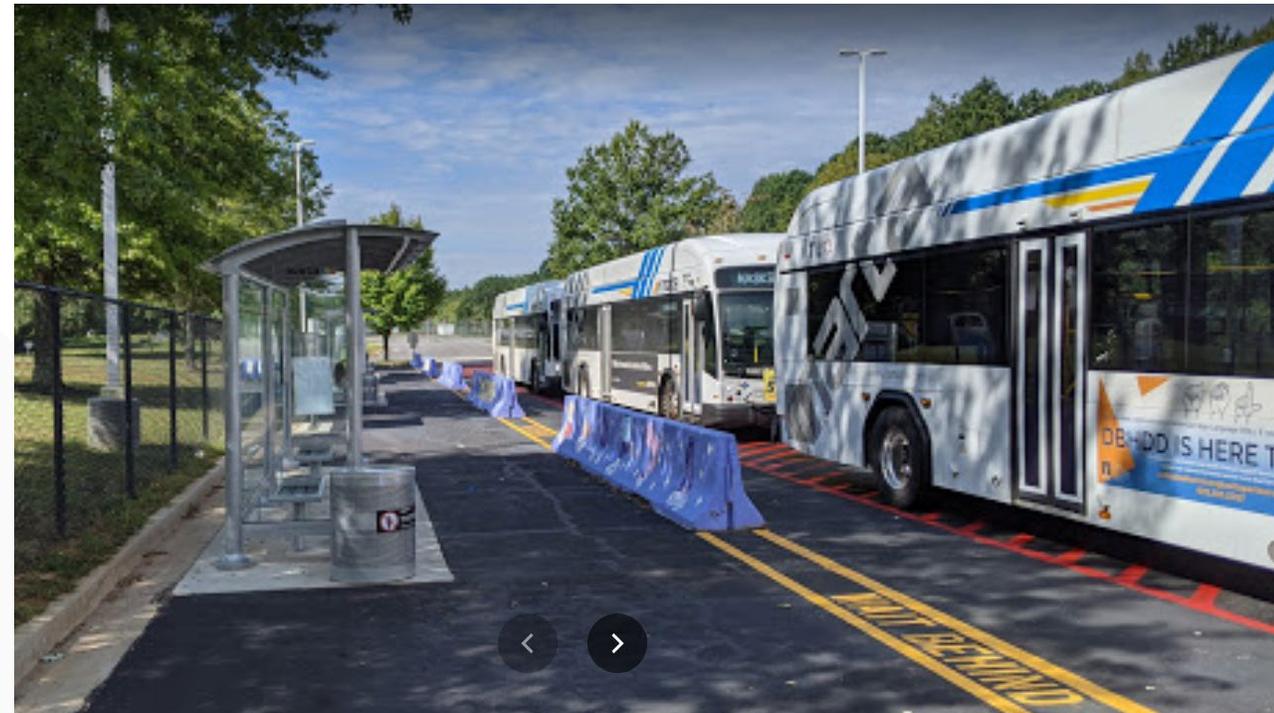


The past, the present, and the future of the site

Before Quick Build Hub



Quick Build Hub



The Future Clayton County Justice Center Hub

Stakeholder Outreach

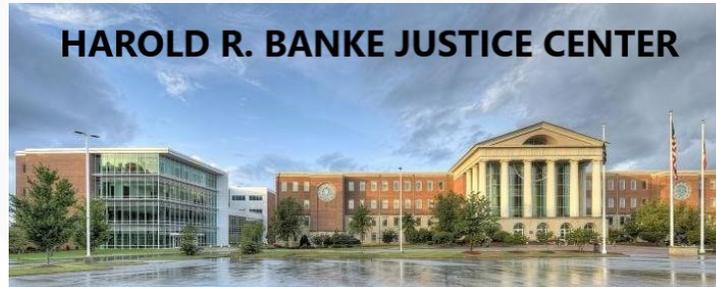
25 Stakeholder Interviews were conducted from August 9 - September 8, 2021



- Board Members
- Bus Operators
- Office of Diversity & Inclusion



- Board of Commissioners
- Chief Operating Officer
- Parks & Recreation Department
- Economic Development Department
- Transportation & Development Department



Project Site Information

- Existing Bus routes 191, 192 193, and 800.
- In July 2020, MARTA opened a temporary transit hub with shelters, seating, passenger information, and public art.
- Breeze Vending Machines were installed at the current Justice Center facility in December 2021.
- Total Area 1.7 Acre.
- More than 64% of the population is Black or African American.
- Stakeholder Workshop held on January 21, 2022.
- The Quick Build Hub will remain open during construction.
- Site secured through Use Agreement with Clayton County.

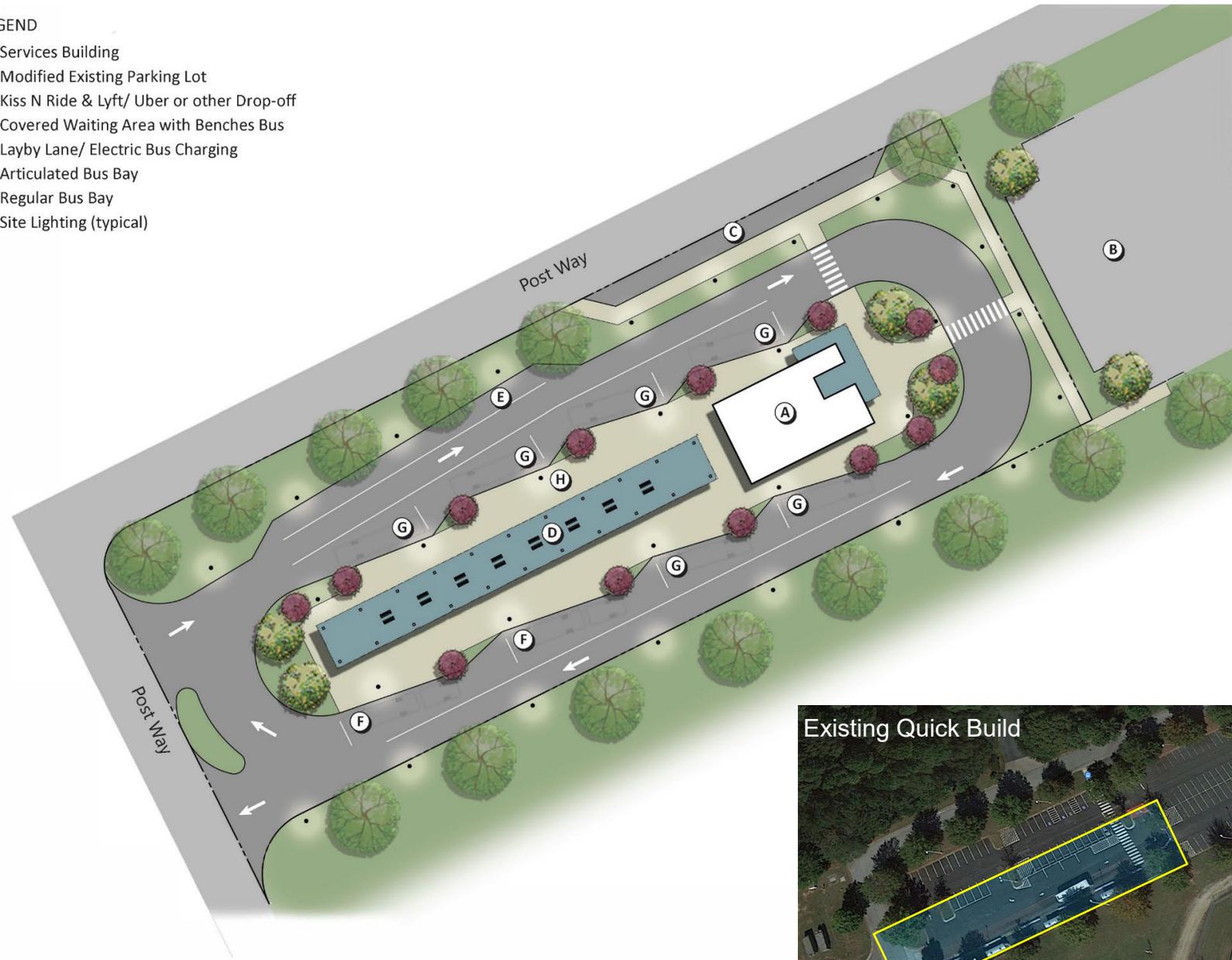


Concept

- 8 bus bays for current and future services
- 2 articulated bays support future BRT
- Staging lane as a provision for future electric charging
- Service building with restrooms, customer services
- Kiss/ride for pick-up and drop-off, ridesharing

LEGEND

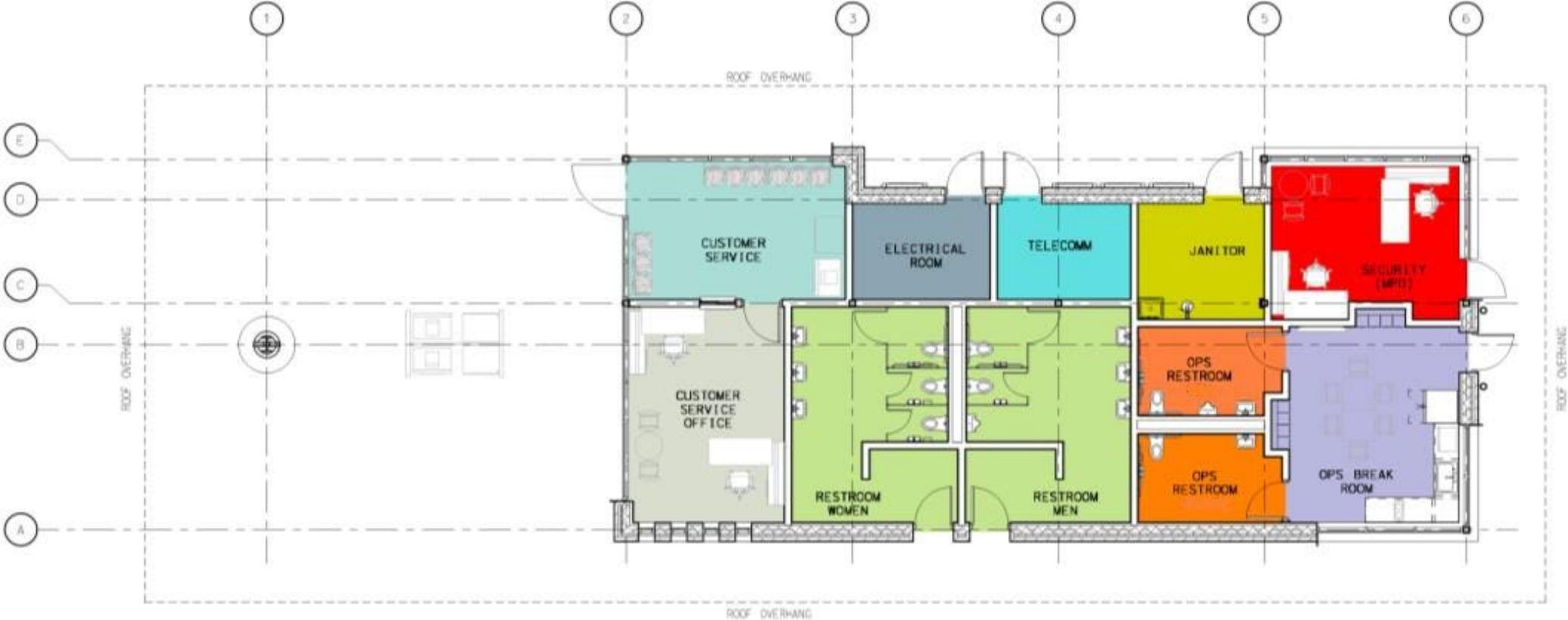
- Ⓐ Services Building
- Ⓑ Modified Existing Parking Lot
- Ⓒ Kiss N Ride & Lyft/ Uber or other Drop-off
- Ⓓ Covered Waiting Area with Benches Bus
- Ⓔ Layby Lane/ Electric Bus Charging
- Ⓕ Articulated Bus Bay
- Ⓖ Regular Bus Bay
- Ⓗ Site Lighting (typical)



Floor Plan

Room Legend

- CUSTOMER SERVICE
- CUSTOMER SERVICE OFFICE
- ELECTRICAL ROOM
- JANITOR
- OPS BREAK ROOM
- OPS RESTROOM MEN
- OPS RESTROOM WOMEN
- RESTROOM MEN
- RESTROOM WOMEN
- SECURITY (MPD)
- TELECOMM



30% Design Deliverables

- NEPA Approval – April 5, 2022
- 30% Design – Civil and Architectural
- 30% Cost Estimates (under review)
- Basis of Design Report
- Technical Specification Table of content
- Project Schedule
- Transition Documents
- Summary of Stakeholder Engagement

Ground Level View



Schedule

- Final Design – Complete by April 2023
- Construction – Complete by May 2024

Ground Level View



Bus Entry View



Night View



Passenger Plaza



Next Steps

- Completion of Transition Documents
- Update Cost estimates
- Begin Final Design
- Bid and Contract Award
- Construction
- Revenue Service

Bird's Eye View



marta ®

Thank You

