

**Capital Region Transportation Planning Agency  
Draft StarMetro Project Priority List  
Fiscal Year 2023 - Fiscal Year 2027**

Draft StarMetro Project Priority List Project Priority List												
Priority Rank	Project Name/Limits	FDOT Work Program ID #	Programmed Funding					Project/Strategy	County	Phase** and Funding Sought	Notes	
1	South City Transit Center * <i>Meridian Rd and Orange Ave</i>		Phase	2022	2023	2024	2025	2026	Construct multi-bay bus Super-Stop	Leon	CST (\$2,000,000)	Superstop to serve the south side of Tallahassee.
2	Planning Feasibility Study <i>Redevelopment of C.K. Steele Plaza</i>		Phase	2022	2023	2024	2025	2026	Access Management Enhancements	Leon	FS ( \$500,000)	Redevelop the Plaza from a single-use transit facility into a mixed-use, multistory intermodal facility
3	Bus Transit <i>Signal Prioritization</i>		Phase	2022	2023	2024	2025	2026	Intersection Improvement	Leon	PE (\$400,000)	Signal prioritization for transit vehicles to reduce delay if bus is behind schedule.
4	Electric Bus Fleet Charging Infrastructure <i>To support an all-Electric Bus Fleet</i>		Phase	2022	2023	2024	2025	2026	Intersection/Operational Improvement	Leon	PE (\$5,000,000)	Install depot charging for 66 electric buses at StarMetro's bus barn.
<p>* Also a Blueprint Intergovernmental Agency project</p> <p>** ABBREVIATIONS:            FS - Feasibility Study            PD&amp;E - Project Development and Environment Study            PE - Preliminary Engineering            CST - Construction            ROW - Right-of-Way</p>												



## StarMetro

### 2023-2027 Project Priority List

- 1. Construction of multi-bay SuperStop in the South City area of Tallahassee South City Transit Center - (Meridian and Orange).** This SuperStop will provide an off-street location and possibly on street bus bays for customers to transfer between multiple routes, serve as a layover point for operators, will assist to improve system performance, will have public restrooms, an information booth, supervisor offices, and meeting space. The building will be constructed with solar panels on the roof, overhead charging stations for transit buses and plug in chargers for staff vehicles. In addition, the SuperStop will allow StarMetro to develop neighborhood circulators on the Southside to efficiently provide transportation options for elderly, disabled and low-income individuals located in the area and improve service to the Veteran's Administration Clinic. **Estimated cost for construction - \$2,000,000**
- 2. Redevelopment of C.K. Steele Plaza Planning Study** – Initiate an environmental assessment, feasibility study, and preliminary design of C.K. Steele Plaza to identify the needs, challenges, opportunities, and funding options to transform the Plaza from a single-use transit facility into a mixed-use, multistory intermodal facility with opportunities for housing StarMetro Administrative Staff; leasable space for office, restaurants, and retail activities; and connections to intercity transportation such as the Gadsden Express, Monticello Express, Greyhound, Megabus, Flixbus. **Estimated cost - \$500,000**
- 3. Bus Transit Signal Prioritization** – The City of Tallahassee is starting to replace the existing infrared based traffic signal preemption system for emergency vehicles with a more advanced global positioning system (GPS) based system. This system will allow for a much more efficient routing of emergency vehicles with less disruption to the traffic signal network. The GPS system also allows for adding signal prioritization to transit vehicles. Signal prioritization extends the green time or shortens the red time for approaching buses depending on the system parameters such as a bus running behind schedule. Signal prioritization is shown to improve overall transit system performance and efficiency by at least 10%. It costs approximately \$3,000 per bus for the signal prioritization devices. **Estimated cost - \$400,000**
- 4. Charging Infrastructure to support an all-Electric Bus Fleet** - cost estimates for installing depot charging for 66 buses at StarMetro's bus barn including electrical, structural, and civil engineering, design, and remote monitoring. **Estimated cost - \$5,000,000**