

Staff Report to ECCTA Board of Directors

Meeting Date: September 22, 2021
Agenda Item: FY20-FY29 Short Range Transit Plan Update - Agenda Item #7a
Lead Staff: Agustin Diaz, Chief Financial Officer
Approved: Jeanne Krieg, Chief Executive Officer 

Background

Federal transportation statutes require that the Metropolitan Transportation Commission (MTC), in partnership with state and local agencies, develop and periodically update a long-range Regional Transportation Plan (RTP), and a Transportation Improvement Program (TIP) which implements the RTP by programming federal funds to transportation projects contained in the RTP. In order to effectively execute these planning and programming responsibilities, MTC requires that each transit operator in its region which receives federal funding through the TIP prepare, adopt, and submit to MTC a Short Range Transit Plan (SRTP).

ECCTA staff, with the assistance of Nelson/Nygaard Consulting Associates, prepared an SRTP that covers the 10-year operating period of FY19-20 through FY28-29. This plan was prepared under the guidelines set forth by MTC Resolution No. 4364 and covers the following five sections:

- 1) Overview of Transit System
- 2) Goals, Objectives and Standards
- 3) Service and System Evaluation
- 4) Operations Plan and Budget
- 5) Capital Improvement Plan

The ECCTA Board of Directors approved the final draft of the FY20-FY29 SRTP during its meeting on August 26, 2020.

Considerations

- During the March 24, 2021 meeting, the ECCTA Board of Directors adopted resolution #210324D affirming ECCTA's support for the East Contra Costa County DPMT Feasibility Study findings and authorizing the Chief Executive

Agenda Item #7a
*Eastern Contra Costa Transit Authority
Board of Directors Meeting
September 22, 2021*

Officer to enter into discussions with other project partners and stakeholders to further advance development of a PDA to support the project.

- Those discussions have been occurring and funding options are being evaluated. To assure access to all funding options, it is required to add the dynamic personal micro transit project to the list of Tri Delta Transit's unfunded projects.

The Unfunded Capital projects page from the SRTP showing the proposed update is attached.

Requested Action

Adopt Resolution #210922A approving the update to ECCTA's SRTP for FY20-FY29.

Unfunded Capital Projects

Tri Delta Transit has identified several priority projects that are currently unfunded. In addition to the Antioch Park-and-Ride lot, the agency has an identified need for a bus lot resurfacing project at an estimated cost of \$2.4 million. Tri Delta Transit's full list of identified unfunded projects are estimated to cost approximately \$23.0 million and are shown in more detail in **Figure 5.9**. The cost of the Dynamic Personal Micro Transit (DPMT) project is TBD. The DPMT system, to be built by Glydways, consists of a fleet of driverless electric vehicles operating on-demand in elevated or at-grade paved pathways. The operating space can be created from repurposed roads abandoned railroad, capped canals or newly built pathways.

Figure 5.9 Tri Delta Transit Unfunded Projects

Unfunded Project	Estimated Cost
Bus Lot Resurfacing	\$2,400,000
Antioch Park-and-Ride Lot	\$6,624,100
Hydrogen Fueling Station	\$3,200,000
Additional Electrical Infrastructure	\$1,100,000
Bus Rapid Transit Lines (x2)	\$9,800,000
Dynamic Personal Micro Transit	TBD
Total	\$23,124,100

Fleet and Facilities Inventories

A comprehensive inventory of Tri Delta Transit's fleet, equipment, and facilities is shown in **Figure 5.10**, **Figure 5.11**, **Figure 5.12**, and **Figure 5.13**. Four 20 ft. vans listed in the paratransit and microtransit fleet inventory were scheduled for replacement in 2016. These vehicles were repurposed to launch the Tri My Ride microtransit pilot project. While listed in the fleet inventory, these vehicles have been retired and will be replaced by previously-purchased vehicles scheduled for delivery in FY21.

Figure 5.10 Revenue Vehicle Inventory – Motor Bus

Motor Bus (MB) Vehicles									
Vehicle	Make	Model	Year	Size/Type	Power	Vehicle ID	Seats	Useful Life	Repl. Year
1891	BYD	K9	2018	40 ft.	Battery Electric	4B9KSLA60H2038034	32/2	12 Years	2030
1892	BYD	K9	2018	40 ft.	Battery Electric	4B9KSLA62H2038035	32/2	12 Years	2030
1893	Gillig	Low Floor	2018	40 ft.	Diesel	15GGD2719J3189107	36/2	12 Years	2030
1894	Gillig	Low Floor	2018	40 ft.	Diesel	15GGD2710J3189108	36/2	12 Years	2030
1895	Gillig	Low Floor	2018	40 ft.	Diesel	15GGD2712J3189109	36/2	12 Years	2030
1896	Gillig	Low Floor	2018	40 ft.	Diesel	15GGD2719J3189110	36/2	12 Years	2030
1897	Gillig	Low Floor	2018	40 ft.	Diesel	15GGD2719J3189111	36/2	12 Years	2030
1898	Proterra	Catalyst C2	2018	40 ft.	Battery Electric	1M9TH16J0JL816232	38/2	12 Years	2030
1899	Proterra	Catalyst C2	2018	40 ft.	Battery Electric	1M9TH16J4JL816234	38/2	12 Years	2030
0992	Gillig	Low Floor	2009	40 ft.	Diesel	15GGD271391176859	36/2	12 Years	2021