

To: Board of Directors

Date: 08/06/2020

From: Ruby Horta, Director of Planning, Marketing & Innovation

Reviewed by: WC.

SUBJECT: Transit Capital Priorities Program FY 2021-2025

Background

The Metropolitan Transportation Commission (MTC) established the Transit Capital Priorities process to help ensure that the limited federal transit dollars available go to projects that are essential. Transit operators use this process to compete for funds used for a wide range of investments, including:

- Vehicle replacement or rehab
- Rail system equipment replacement or rehab
- Replacement or rehab of ferry propulsion systems or other major ferry components
- Purchase or replacement of vehicle communications equipment
- Replacement of Clipper® fare collection equipment or other fare boxes
- Purchase and installation of emissions-reduction systems for diesel buses
- Safety projects
- Station and parking lot rehab

The current call for projects has been released and is due September 4th. County Connection is scheduled to replace several fixed route and paratransit vehicles in the FY 21-25 project cycle.

Proposed Vehicle Replacement Submittal

In the past, staff could complete this call for projects without Board involvement. However, given the regional and statewide efforts to transition to zero-emission buses (ZEBs) by 2040, staff felt it necessary to obtain Board input. The Innovative Clean Transit (ICT) regulation adopted in December 2018, requires agencies to gradually transition to 100 percent ZEB fleet beginning in 2029. The ZEB purchase schedule under the ICT regulation is available on the next page. For reference, County Connection is considered a small transit agency.

Year	Large Transit	Small Transit
2023	25%	-
2024	25%	-
2025	25%	-
2025	25%	-
2026	50%	25%
2027	50%	25%
2028	50%	25%
2029	100%	100%

Based on our most current Short-Range Transit Plan (SRTP), County Connection’s following fleets will be eligible for replacements:

Vehicle Type	Quantity	Replacement Year
Heavy Duty Bus – 40’	40	2022
Heavy Duty Bus – 40’	10	2024
Heavy Duty Bus – 30’	7	2025
Ford Cutaways – 22’	15	2024
Dodge Caravan	3	2024

The call for projects requires each agency to indicate the fuel type of the replacement vehicles. Based on the Staff recognizes there are several uncertainties that will not be resolved by the September deadline, such as: total infrastructure costs, local match sources, service cuts relative to COVID-19 and the overall financial viability of any capital purchases. However, agencies must submit the project list to remain eligible for federal funds, within the MTC’s process. Therefore, staff proposes the following combination for vehicle replacements.

Vehicle Type	Quantity	Replacement Year
Heavy Duty Bus – 40’ (Diesel)	20	2022
Heavy Duty Bus – 40’ (Fuel-Cell)	20	2022
Heavy Duty Bus – 30’ (Fuel-Cell)	10	2024
Heavy Duty Bus – 30’ (Fuel-Cell)	7	2025
Ford Cutaways – 22’	15	2024
Dodge Caravan	3	2024

It should be noted that this exercise serves as a planning tool for MTC to begin calculating cash flow requirements and work with operators on adjusting replacement schedules, if

necessary, based on projected expenses, any given year. Agencies can submit amendments, with proper explanation, to change any aspect of the project submittal. If, for example, purchasing a certain fuel type is no longer viable, an amendment could be submitted to change the fuel type. Additionally, the vehicle types and replacement years will be incorporated into County Connection's upcoming SRTP, tentatively scheduled to be completed late 2020/early 2021.

Financial Implications:

The TCP program is designed as an 80/20 formula – 80% federal/20% local. See Attachment 1 for the Regional Bus/Van Pricelist FY 2020-21.

Recommendation:

The MP&L Committee reviewed the proposed TCP project list and would like feedback from the full Board. This will allow staff to submit the project list by the September deadline. Future amendments to the vehicle type and replacement years can be made by working with MTC staff.

Attachments:

Attachment 1: MTC Regional Bus/Van Pricelist FY 2020-21

Attachment 1: MTC Regional Bus/Van Pricelist FY 2020-21

Vehicle Type	Total	Federal/MTC	Local	FederalMTC %	Local %
Minivan Under 22'	71,000	56,800	14,200	80%	20%
Cut-Away/Van, 4 or 5-Year, Gas	101,000	80,800	20,200	80%	20%
Cut-Away/Van, 4 or 5-Year, Diesel	114,000	91,200	22,800	80%	20%
Cut-Away/Van, 4 or 5-Year, CNG	131,000	104,800	26,200	80%	20%
Cut-Away/Van, 7-Year, Gas	114,000	91,200	22,800	80%	20%
Cut-Away/Van, 7-Year, Diesel	161,000	128,800	32,200	80%	20%
Cut-Away/Van, 7-Year, CNG	214,000	171,200	42,800	80%	20%
Transit Bus 30' Diesel	523,000	418,400	104,600	80%	20%
Transit Bus 30' CNG	597,000	477,600	119,400	80%	20%
Transit Bus 30' Hybrid	782,000	625,600	156,400	80%	20%
Transit Bus 30' Battery	900,000	720,000	180,000	80%	20%
Transit Bus 35' Diesel	578,000	462,400	115,600	80%	20%
Transit Bus 35' CNG	686,000	548,800	137,200	80%	20%
Transit Bus 35' Hybrid	835,000	668,000	167,000	80%	20%
Transit Bus 35' Battery	912,000	729,600	182,400	80%	20%
Transit Bus 40' Diesel	554,000	443,200	110,800	80%	20%
Transit Bus 40' CNG	611,000	488,800	122,200	80%	20%
Transit Bus 40' Hybrid	847,000	677,600	169,400	80%	20%
Transit Bus 40' Battery	1,088,000	870,400	217,600	80%	20%
Transit Bus 40' Fuel-Cell	1,218,000	974,400	243,600	80%	20%
Over-the-Road 45' Diesel	659,000	527,200	131,800	80%	20%
Over-the-Road 45' CNG	866,000	692,800	173,200	80%	20%
Over-the-Road 45' Battery	1,145,000	916,000	229,000	80%	20%
Articulated 60' Diesel	888,000	710,400	177,600	80%	20%
Articulated 60' Hybrid	1,265,000	1,012,000	253,000	80%	20%
Articulated 60' Battery	1,363,000	1,090,400	272,600	80%	20%
Articulated 60' Fuel-Cell	1,543,000	1,234,400	308,600	80%	20%
Double-Decker Diesel	1,049,000	839,200	209,800	80%	20%

Notes:

- Prices escalated 1.887% over FY2019-20 Pricelist Survey responses, rounded to the nearest \$1,000. If survey responses were not available for a given Vehicle Type, the adopted FY20 Pricelist Total was used as the baseline.
- For buses with dual-side doors, add \$50,000 to the total (\$40,000 Federal, \$10,000 Local).
- For vehicle procurements over 20, 5% of the cost of the buses can be added to the pricelist amounts to account for soft costs.