

AGENDA ITEM 1 D
Consent Item

MEMORANDUM

DATE: April 2, 2020

TO: El Dorado County Transit Authority

FROM: Brian James, Planning and Marketing Manager

SUBJECT: Vehicle Replacement Plan for Fiscal Years 2019/20 Through 2025/26

REQUESTED ACTION:

BY MOTION,

Approve Vehicle Replacement Plan for Fiscal Years 2019/20 through 2025/26

BACKGROUND

The El Dorado County Transit Authority (El Dorado Transit) adopted a *Vehicle Replacement Policy* on February 6, 1997 based on Caltrans and Federal Transit Administration (FTA) guidelines. El Dorado Transit is required to utilize FTA guidelines for replacement vehicles purchased through FTA capital assistance grant programs. A copy of the Vehicle Replacement Policy is included for reference. This policy is critical for budget forecasting, vehicle inventory management and developing capital assistance grants.

DISCUSSION

The Replacement Plan for Fiscal Year (FY) 2019/20 through FY 2025/26 represents a plan for replacement of current fleet vehicles contingent upon available capital revenues and grant opportunities. The inclusion of Zero Emission Bus (ZEB) requirements will likely increase the estimated replacement costs of the vehicles. Staff will include the increased ZEB costs once a study is completed to analyze bus routes and determine the best course of action for ZEB implementation.

El Dorado Transit is currently replacing the vehicles marked in bold as previously presented to the Board, and purchase orders have been or are being prepared. Cut-a-Way bus number 1606 was a total loss in an accident and is being replaced using funds from the insurance claim. Cut-a-Way bus number 0707 was already replaced but is still in service as a back-up bus.

FISCAL IMPACT

The approximate replacement costs for anticipated vehicle purchases FY 2020/21 through FY 2025/26 is \$9,474,000 including a 3% annual cost escalator. Individual replacement projects are added to the CIP on an annual basis and brought before the Board for review and approval as needed.

PROPOSED VEHICLE REPLACEMENT PLAN

March 6, 2020



EL DORADO TRANSIT

Vehicle #	Vehicle Type	Vehicle Description	Vehicle Replacement Cost	Mileage as of 3/6/2020	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Staff Vehicles											
9509	Ford Escort	Maint Vehicle	\$25,000	74,708							
0501	Honda Civic	5 psgr staff car	\$25,000	68,748					X		
0602	Blue Bird Xcel 45	Training bus	\$600,000	297,894							
0701	Chevy Malibu	5 psgr staff car	\$25,000	56,143					X		
0702	Dodge Dakota	Maint Vehicle	\$35,000	72,009		X					
M-7055	Ford Box Van	Maint Vehicle	\$50,000	28,901							
1608	Ford Cmax	5 psgr staff car	\$25,000	27,606							
1609	Ford Cmax	5 psgr staff car	\$25,000	27,609							
1610	Ford Cmax	5 psgr staff car	\$25,000	27,473							
1611	Ford Cmax	5 psgr staff car	\$25,000	20,407							
1707	Chevy Traverse	7 psgr staff car	\$30,000	15,961							
Demand Response Minivans											
1013	Dodge Caravan	3 psgr mini-van	\$67,000	128,454	X				X		
1101	Dodge Caravan	3 psgr mini-van	\$67,000	169,354	X				X		
1301	Dodge Caravan	3 psgr mini-van	\$67,000	176,117	X				X		
1302	Dodge Caravan	3 psgr mini-van	\$67,000	191,466	X				X		
1303	Dodge Caravan	3 psgr mini-van	\$67,000	200,417	X				X		
1304	Dodge Caravan	3 psgr mini-van	\$67,000	191,268	X				X		
1501	Dodge Caravan	3 psgr mini-van	\$67,000	104,401			X				X
1502	Dodge Caravan	3 psgr mini-van	\$67,000	95,698			X				X
1503	Dodge Caravan	3 psgr mini-van	\$67,000	88,451			X				X
1504	Dodge Caravan	3 psgr mini-van	\$67,000	92,671			X				X
Demand Response Buses											
0703	Chevy Cut-a-way	26 psgr bus	\$100,000	347,602	X						
0704	Chevy Cut-a-way	26 psgr bus	\$100,000	393,610	X						
0707	Chevy Cut-a-way	26 psgr bus	\$100,000	464,581							
0901	Chevy Cut-a-way	26 psgr bus	\$100,000	296,571	X						
0902	Chevy Cut-a-way	26 psgr bus	\$100,000	289,298	X						
0903	Chevy Cut-a-way	26 psgr bus	\$100,000	277,125	X						
1601	Ford Cut-a-way	26 psgr bus	\$100,000	69,079							X
1602	Ford Cut-a-way	26 psgr bus	\$100,000	104,061							X
1603	Ford Cut-a-way	26 psgr bus	\$100,000	100,247							X
1604	Ford Cut-a-way	26 psgr bus	\$100,000	95,482							X
1605	Ford Cut-a-way	26 psgr bus	\$100,000	110,695							X
1606	Ford Cut-a-way	26 psgr bus	\$100,000	22,222	X						
1607	Ford Cut-a-way	26 psgr bus	\$100,000	70,128							X
1901	Ford Cut-a-way	20 psgr bus	\$100,000	4,479							
1902	Ford Cut-a-way	20 psgr bus	\$100,000	4,157							
1903	Ford Cut-a-way	20 psgr bus	\$100,000	3,790							
1904	Ford Cut-a-way	20 psgr bus	\$100,000	3,421							
1905	Ford Cut-a-way	20 psgr bus	\$100,000	3,828							
Motor Buses - Local Fixed Route											
0606	Blue Bird Xcel 37	37 psgr bus	\$500,000	257,721	X						
0607	Blue Bird Xcel 37	37 psgr bus	\$500,000	339,626							X
0608	Blue Bird Xcel 37	37 psgr bus	\$500,000	296,067							X
0609	Blue Bird Xcel 37	37 psgr bus	\$500,000	436,727	X						
0610	Blue Bird Xcel 37	37 psgr bus	\$500,000	326,018	X						
1201	Int'l Cut-a-way	26 psgr bus	\$500,000	139,853	X						
1701	Gillig 35' Low Floor	31 psgr bus	\$500,000	133,448							
1702	Gillig 35' Low Floor	31 psgr bus	\$500,000	148,348							
1703	Gillig 35' Low Floor	31 psgr bus	\$500,000	87,578							
1704	Gillig 35' Low Floor	31 psgr bus	\$500,000	146,743							
1705	Gillig 35' Low Floor	31 psgr bus	\$500,000	167,996							
1706	Gillig 35' Low Floor	31 psgr bus	\$500,000	166,368							
Commuter Buses											
1001	MCI D4500	57 psgr bus	\$600,000	395,895							X
1002	MCI D4500	57 psgr bus	\$600,000	385,690							X
1003	MCI D4500	57 psgr bus	\$600,000	360,164							X
1004	MCI D4500	57 psgr bus	\$600,000	337,598							X
1005	MCI D4500	57 psgr bus	\$600,000	327,550							X
1006	MCI D4500	57 psgr bus	\$600,000	432,788							X
1007	MCI D4500	57 psgr bus	\$600,000	404,859							X
1008	MCI D4500	57 psgr bus	\$600,000	332,257							X
1009	MCI D4500	57 psgr bus	\$600,000	407,452							X
1202	MCI D4500	57 psgr bus	\$600,000	235,842							
1401	MCI D4500	57 psgr bus	\$600,000	182,667							
1801	MCI D4500	57 psgr bus	\$600,000	52,214							
1802	MCI D4500	57 psgr bus	\$600,000	58,911							
1803	MCI D4500	57 psgr bus	\$600,000	46,573							
1804	MCI D4500	57 psgr bus	\$600,000	50,326							
1805	MCI D4500	57 psgr bus	\$600,000	39,950							

EL DORADO COUNTY TRANSIT AUTHORITY

VEHICLE REPLACEMENT POLICY

This policy provides that transit vehicles are maintained and remain in mass transit use for their normal service lives. Compliance with this policy will be assurance that El Dorado County Transit Authority meets the Federal guidelines and is eligible for projects programmed for capital assistance offered by the Federal Transportation Administration.

Service life of rolling stock begins on the date the vehicle is placed in revenue service and continues until it is removed from service.

Bus Requirements

- (a) Minimum Normal Service Life. Minimum normal service lives for buses are stated below:

1. Standard size heavy duty (approximately 35' – 40') transit buses: at least twelve (12) years service or an accumulation of at least 500,000 miles.
2. Medium size heavy duty (approximately 30') transit buses: at least ten (10) years of service or an accumulation of at least 350,000 miles.
3. Small medium duty (under 30') transit buses: at least seven (7) years or an accumulation of at least 200,000 miles.
4. Other vehicles such as regular and specialized vans: at least four years service or an accumulation of at least 100,000 miles.

Source: CalTrans, UMTA C 9030.1A

- (b) Previously Owned, Rehabilitated Buses and Specialty Vehicles:

Fleet vehicles purchased as "previously owned", rehabilitated and Specialty vehicles shall have the maintenance records reviewed and the vehicle inspected bi-annually to determine safety and maintenance costs. The El Dorado County Transit Authority Director or his/her designated staff shall determine the replacement schedule on these vehicles.