

AGENDA ITEM 1 F
Consent Item

MEMORANDUM

DATE: April 1, 2021

TO: El Dorado County Transit Authority

FROM: Brian James, Planning and Marketing Manager

SUBJECT: Vehicle Replacement Plan for Fiscal Years 2020/21 Through 2026/27

REQUESTED ACTION:

BY MOTION,

Approve Vehicle Replacement Plan for Fiscal Years 2020/21 through 2026/27

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) 2020/21 through FY 2026/27 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 report the increased costs once the ZEB study is completed to analyze bus routes and determine the best course of action for ZEB implementation.

FISCAL IMPACT

The approximate replacement costs for anticipated vehicle purchases FY 2020/21 through FY 2026/27 is \$7,973,000 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 2021



Vehicle #	Vehicle Type	Vehicle Description	Vehicle Replacement Cost	Mileage as of 3/5/21	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27
Staff Vehicles											
9509	Ford Escort	Maint Vehicle	\$25,000	75,391							
0501	Honda Civic	5 psgr staff car	\$25,000	70,300				X			
0602	Blue Bird Xcel 45	Training bus	\$600,000	299,922							
0701	Chevy Malibu	5 psgr staff car	\$25,000	58,296				X			
0702	Dodge Dakota	Maint Vehicle	\$35,000	75,942		X					
M-7055	Ford Box Van	Maint Vehicle	\$50,000	29,257							
1608	Ford Cmax	5 psgr staff car	\$25,000	33,900							
1609	Ford Cmax	5 psgr staff car	\$25,000	35,593							
1610	Ford Cmax	5 psgr staff car	\$25,000	37,086							
1611	Ford Cmax	5 psgr staff car	\$25,000	29,756							
1707	Chevy Traverse	7 psgr staff car	\$30,000	17,903							
Demand Response Minivans											
1304	Dodge Caravan	3 psgr mini-van	\$71,000	193,849	X						
1501	Dodge Caravan	3 psgr mini-van	\$71,000	135,264				X			
1502	Dodge Caravan	3 psgr mini-van	\$71,000	117,911				X			
1503	Dodge Caravan	3 psgr mini-van	\$71,000	103,415				X			
1504	Dodge Caravan	3 psgr mini-van	\$71,000	105,574				X			
1907	Dodge Caravan	3 psgr mini-van	\$71,000	18,223						X	
1908	Dodge Caravan	3 psgr mini-van	\$71,000	5,397						X	
1909	Dodge Caravan	3 psgr mini-van	\$71,000	12,351						X	
1910	Dodge Caravan	3 psgr mini-van	\$71,000	401						X	
1911	Dodge Caravan	3 psgr mini-van	\$71,000	210						X	
Demand Response Buses											
1601	Ford Cut-a-way	26 psgr bus	\$100,000	70,818						X	
1602	Ford Cut-a-way	26 psgr bus	\$100,000	118,912						X	
1603	Ford Cut-a-way	26 psgr bus	\$100,000	102,494						X	
1604	Ford Cut-a-way	26 psgr bus	\$100,000	95,544						X	
1605	Ford Cut-a-way	26 psgr bus	\$100,000	111,362						X	
1607	Ford Cut-a-way	26 psgr bus	\$100,000	73,669						X	
1901	Ford Cut-a-way	20 psgr bus	\$100,000	5,137							
1902	Ford Cut-a-way	20 psgr bus	\$100,000	4,499							
1903	Ford Cut-a-way	20 psgr bus	\$100,000	4,325							
1904	Ford Cut-a-way	20 psgr bus	\$100,000	4,015							
1905	Ford Cut-a-way	20 psgr bus	\$100,000	4,686							
1906	Ford Cut-a-way	26 psgr bus	\$100,000	1,824							
Motor Buses - Local Fixed Route											
0606	Blue Bird Xcel 37	37 psgr bus	\$530,000	257,724							
0607	Blue Bird Xcel 37	37 psgr bus	\$530,000	357,245							
0608	Blue Bird Xcel 37	37 psgr bus	\$530,000	316,370							
1701	Gillig 35' Low Floor	31 psgr bus	\$530,000	194,864							
1702	Gillig 35' Low Floor	31 psgr bus	\$530,000	194,000							
1703	Gillig 35' Low Floor	31 psgr bus	\$530,000	87,700							
1704	Gillig 35' Low Floor	31 psgr bus	\$530,000	210,407							
1705	Gillig 35' Low Floor	31 psgr bus	\$530,000	226,021							
1706	Gillig 35' Low Floor	31 psgr bus	\$530,000	226,087							
2001	Gillig 35' Low Floor	31 psgr bus	\$530,000	21,084							
2002	Gillig 35' Low Floor	31 psgr bus	\$530,000	11,335							
2003	Gillig 35' Low Floor	31 psgr bus	\$530,000	8,238							
2004	Gillig 35' Low Floor	31 psgr bus	\$530,000	6,288							
Commuter Buses											
1001	MCI D4500	57 psgr bus	\$600,000	398,127						X	
1002	MCI D4500	57 psgr bus	\$600,000	389,430						X	
1003	MCI D4500	57 psgr bus	\$600,000	362,802						X	
1004	MCI D4500	57 psgr bus	\$600,000	341,992						X	
1005	MCI D4500	57 psgr bus	\$600,000	330,205						X	
1006	MCI D4500	57 psgr bus	\$600,000	436,092						X	
1007	MCI D4500	57 psgr bus	\$600,000	408,322						X	
1008	MCI D4500	57 psgr bus	\$600,000	335,302						X	
1009	MCI D4500	57 psgr bus	\$600,000	411,149						X	
1202	MCI D4500	57 psgr bus	\$600,000	241,760							
1401	MCI D4500	57 psgr bus	\$600,000	189,461							
1801	MCI D4500	57 psgr bus	\$600,000	83,036							
1802	MCI D4500	57 psgr bus	\$600,000	95,890							
1803	MCI D4500	57 psgr bus	\$600,000	67,399							
1804	MCI D4500	57 psgr bus	\$600,000	81,376							
1805	MCI D4500	57 psgr bus	\$600,000	71,097							

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.