

AGENDA ITEM 1 G
Consent Item

MEMORANDUM

DATE: April 5, 2018
TO: El Dorado County Transit Authority
FROM: Brian James, Planning and Marketing Manager
SUBJECT: Vehicle Replacement Plan for Fiscal Years 2018/19 through 2024/25

REQUESTED ACTION:

BY MOTION,

Approve Vehicle Replacement Plan for Fiscal Years 2018/19 through 2024/25

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.

DISCUSSION

El Dorado Transit staff adheres to the adopted *Vehicle Replacement Policy*, February 1997 to develop replacement plans. This policy is critical for budget forecasting, vehicle inventory management and developing capital assistance grants.

The Replacement Plan for fiscal years 2018/19 through 2024/25 represents a plan for vehicle replacement of current fleet vehicles contingent upon capital revenues available and grant opportunities.

El Dorado Transit has received grants for the vehicles marked in bold, and purchase orders are being prepared. Cut-a-Way bus number 1606 was a total loss in a recent accident and is being replaced using funds from the insurance claim. Staff has submitted a grant application to replace six (6) Local Fixed Route buses.

FISCAL IMPACT

Individual replacement projects are brought before the Board as developed.

VEHICLE REPLACEMENT PLAN

April 5, 2018



Vehicle #	Vehicle Type	Vehicle Description	Vehicle Replacement Cost	Mileage as of 3/2/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25
Staff Vehicles											
9509	Ford Escort	5 psgr staff car	\$30,000	73,405							
0501	Honda Civic	5 psgr staff car	\$30,000	61,574			X				
0701	Chevy Malibu	5 psgr staff car	\$30,000	47,981			X				
0702	Dodge Dakota	Maintenance Vehicle	\$35,000	59,663			X				
M-7055	Ford Box Van	Maintenance Vehicle	\$50,000	26,702							
1608	Ford Cmax	5 psgr staff car	\$30,000	9,353							
1609	Ford Cmax	5 psgr staff car	\$30,000	9,423							
1610	Ford Cmax	5 psgr staff car	\$30,000	9,150							
1611	Ford Cmax	5 psgr staff car	\$30,000	7,575							
1707	Chevy Traverse	5 psgr staff car	\$35,000	7,253							
Minivans											
1013	Dodge Caravan	3 psgr mini-van	\$50,000	126,054	X						X
1101	Dodge Caravan	3 psgr mini-van	\$50,000	167,643	X						X
1301	Dodge Caravan	3 psgr mini-van	\$50,000	157,272	X						X
1302	Dodge Caravan	3 psgr mini-van	\$50,000	166,566	X						X
1303	Dodge Caravan	3 psgr mini-van	\$50,000	150,941	X						X
1304	Dodge Caravan	3 psgr mini-van	\$50,000	156,524				X			
1501	Dodge Caravan	3 psgr mini-van	\$50,000	28,027				X			
1502	Dodge Caravan	3 psgr mini-van	\$50,000	25,886				X			
1503	Dodge Caravan	3 psgr mini-van	\$50,000	13,960				X			
1504	Dodge Caravan	3 psgr mini-van	\$50,000	19,025				X			
Cut-a-Way Buses											
0703	Chevy Cut-a-way	26 psgr bus	\$100,000	283,633	X						
0704	Chevy Cut-a-way	26 psgr bus	\$100,000	349,074	X						
0901	Chevy Cut-a-way	26 psgr bus	\$100,000	251,683	X						
0902	Chevy Cut-a-way	26 psgr bus	\$100,000	236,267	X						
0903	Chevy Cut-a-way	26 psgr bus	\$100,000	215,377	X						
1601	Ford Cut-a-way	26 psgr bus	\$100,000	24,184							X
1602	Ford Cut-a-way	26 psgr bus	\$100,000	46,175							X
1603	Ford Cut-a-way	26 psgr bus	\$100,000	41,295							X
1604	Ford Cut-a-way	26 psgr bus	\$100,000	41,236							X
1605	Ford Cut-a-way	26 psgr bus	\$100,000	44,724							X
1606	Ford Cut-a-way	26 psgr bus	\$100,000	22,222	X						
1607	Ford Cut-a-way	26 psgr bus	\$100,000	27,474							X
Local Fixed Route Buses											
0606	Blue Bird Xcel 37	37 psgr bus	\$450,000	220,849	X						
0607	Blue Bird Xcel 37	37 psgr bus	\$450,000	287,886	X						
0608	Blue Bird Xcel 37	37 psgr bus	\$450,000	242,331	X						
0609	Blue Bird Xcel 37	37 psgr bus	\$450,000	372,401	X						
0610	Blue Bird Xcel 37	37 psgr bus	\$450,000	326,018	X						
1201	International	26 psgr bus	\$450,000	139,039	X						
1701	Gillig	31 psgr bus	\$450,000	27,813							
1702	Gillig	31 psgr bus	\$450,000	32,931							
1703	Gillig	31 psgr bus	\$450,000	34,141							
1704	Gillig	31 psgr bus	\$450,000	34,580							
1705	Gillig	31 psgr bus	\$450,000	32,053							
1706	Gillig	31 psgr bus	\$450,000	30,154							
Commuter Buses											
0601	Blue Bird Xcel 45	45 psgr bus	\$600,000	226,154	X						
0602	Blue Bird Xcel 45	45 psgr bus	\$600,000	276,646	X						
0603	Blue Bird Xcel 45	45 psgr bus	\$600,000	245,719	X						
0604	Blue Bird Xcel 45	45 psgr bus	\$600,000	193,154	X						
0605	Blue Bird Xcel 45	45 psgr bus	\$600,000	185,418	X						
1001	MCI D4500	57 psgr bus	\$600,000	253,880							
1002	MCI D4500	57 psgr bus	\$600,000	313,215							
1003	MCI D4500	57 psgr bus	\$600,000	310,977							
1004	MCI D4500	57 psgr bus	\$600,000	285,554							
1005	MCI D4500	57 psgr bus	\$600,000	266,816							
1006	MCI D4500	57 psgr bus	\$600,000	365,292							
1007	MCI D4500	57 psgr bus	\$600,000	351,456							
1008	MCI D4500	57 psgr bus	\$600,000	278,128							
1009	MCI D4500	57 psgr bus	\$600,000	317,071							
1202	MCI D4500	57 psgr bus	\$600,000	185,497							
1401	MCI D4500	57 psgr bus	\$600,000	144,209							

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.