

AGENDA ITEM 1 E
Consent Item

MEMORANDUM

DATE: April 4, 2019
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 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

Individual replacement projects are brought before the Board as developed.

PROPOSED VEHICLE REPLACEMENT PLAN

April 4, 2019



Vehicle #	Vehicle Type	Vehicle Description	Vehicle Replacement Cost	Mileage as of 2/22/19	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	74,161							
0501	Honda Civic	5 psgr staff car	\$30,000	65,210							
0701	Chevy Malibu	5 psgr staff car	\$30,000	52,865			X				
0702	Dodge Dakota	Maintenance Vehicle	\$35,000	66,067			X				
M-7055	Ford Box Van	Maintenance Vehicle	\$50,000	27,708							
1608	Ford Cmax	5 psgr staff car	\$30,000	17,947							
1609	Ford Cmax	5 psgr staff car	\$30,000	18,330							
1610	Ford Cmax	5 psgr staff car	\$30,000	17,464							
1611	Ford Cmax	5 psgr staff car	\$30,000	15,148							
1707	Chevy Traverse	5 psgr staff car	\$35,000	12,108							
Demand Response Minivans											
1013	Dodge Caravan	3 psgr mini-van	\$50,000	126,911	X						X
1101	Dodge Caravan	3 psgr mini-van	\$50,000	168,551	X						X
1301	Dodge Caravan	3 psgr mini-van	\$50,000	166,676	X						X
1302	Dodge Caravan	3 psgr mini-van	\$50,000	177,608	X						X
1303	Dodge Caravan	3 psgr mini-van	\$50,000	166,821	X						X
1304	Dodge Caravan	3 psgr mini-van	\$50,000	185,031				X			
1501	Dodge Caravan	3 psgr mini-van	\$50,000	71,285				X			
1502	Dodge Caravan	3 psgr mini-van	\$50,000	61,263				X			
1503	Dodge Caravan	3 psgr mini-van	\$50,000	47,558				X			
1504	Dodge Caravan	3 psgr mini-van	\$50,000	60,726				X			
Demand Response Buses											
0703	Chevy Cut-a-way	26 psgr bus	\$100,000	313,782	X						
0704	Chevy Cut-a-way	26 psgr bus	\$100,000	366,107	X						
0707	Chevy Cut-a-way	26 psgr bus	\$100,000	436,581							
0901	Chevy Cut-a-way	26 psgr bus	\$100,000	266,583	X						
0902	Chevy Cut-a-way	26 psgr bus	\$100,000	265,452	X						
0903	Chevy Cut-a-way	26 psgr bus	\$100,000	243,502	X						
1601	Ford Cut-a-way	26 psgr bus	\$100,000	43,821							X
1602	Ford Cut-a-way	26 psgr bus	\$100,000	70,772							X
1603	Ford Cut-a-way	26 psgr bus	\$100,000	67,869							X
1604	Ford Cut-a-way	26 psgr bus	\$100,000	68,107							X
1605	Ford Cut-a-way	26 psgr bus	\$100,000	82,504							X
1606	Ford Cut-a-way	26 psgr bus	\$100,000	22,222	X						
1607	Ford Cut-a-way	26 psgr bus	\$100,000	64,004							X
Motor Buses - Local Fixed Route											
0606	Blue Bird Xcel 37	37 psgr bus	\$485,000	247,641			X				
0607	Blue Bird Xcel 37	37 psgr bus	\$485,000	313,260			X				
0608	Blue Bird Xcel 37	37 psgr bus	\$485,000	269,039		X					
0609	Blue Bird Xcel 37	37 psgr bus	\$485,000	402,572		X					
0610	Blue Bird Xcel 37	37 psgr bus	\$485,000	326,018		X					
1201	International	26 psgr bus	\$485,000	139,853		X					
1701	Gillig	31 psgr bus	\$485,000	88,680							
1702	Gillig	31 psgr bus	\$485,000	90,112							
1703	Gillig	31 psgr bus	\$485,000	87,578							
1704	Gillig	31 psgr bus	\$485,000	79,494							
1705	Gillig	31 psgr bus	\$485,000	96,755							
1706	Gillig	31 psgr bus	\$485,000	94,560							
Commuter Buses											
0602	Blue Bird Xcel 45	45 psgr bus	\$600,000	284,328							
1001	MCI D4500	57 psgr bus	\$600,000	380,336							
1002	MCI D4500	57 psgr bus	\$600,000	360,460							
1003	MCI D4500	57 psgr bus	\$600,000	337,551							
1004	MCI D4500	57 psgr bus	\$600,000	312,353							
1005	MCI D4500	57 psgr bus	\$600,000	295,548							
1006	MCI D4500	57 psgr bus	\$600,000	402,998							
1007	MCI D4500	57 psgr bus	\$600,000	385,103							
1008	MCI D4500	57 psgr bus	\$600,000	310,945							
1009	MCI D4500	57 psgr bus	\$600,000	365,929							
1202	MCI D4500	57 psgr bus	\$600,000	213,799							
1401	MCI D4500	57 psgr bus	\$600,000	166,416							
1801	MCI D4500	57 psgr bus	\$600,000	17,654							
1802	MCI D4500	57 psgr bus	\$600,000	16,598							
1803	MCI D4500	57 psgr bus	\$600,000	10,807							
1804	MCI D4500	57 psgr bus	\$600,000	13,941							
1805	MCI D4500	57 psgr bus	\$600,000	11,412							

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.