City of Delano Transit Asset Management Plan Viviana Zamora, Accountable Executive

Last modified by Zamora on 13 Aug 18 at 16:36

Introduction

Delano is the second largest city in Kern County, California. The population 52,087 in 2016, up from 38,824 in 2000. City of Delano Area Rapid Transit (DART) is the only transit provider in the City. DART operates 4 Fixed Routes and 1 Commuter Bus to Bakersfield. DART Dial A Ride provides services to seniors and disabled residents of Delano. DART operates Monday thru Friday and limited service on Saturday. DART doesn't operate on Sundays.

Performance Targets & Measures

Asset Category - Performance Measure	Asset Class	2019 Target	2020 Target	2021 Target	2022 Target	2023 Target
REVENUE VEHICLES	'					
	AB - Articulated Bus	N/A				
	AO - Automobile	N/A				
	BR - Over-the-road Bus	N/A				
	BU - Bus	N/A				
	CU - Cutaway Bus	27%	64%	64%	91%	91%
	DB - Double Decked Bus	N/A				
Age - % of revenue vehicles	FB - Ferryboat	N/A				
within a particular asset class	MB - Mini-bus	N/A				
hat have met or exceeded	MV - Mini-van	50%	100%	100%	100%	100%
heir Useful Life Benchmark	RT - Rubber-tire Vintage Trolley	N/A				
ULB)	SB - School Bus	N/A				
	SV - Sport Utility Vehicle	N/A				
	TB - Trolleybus	100%	100%	100%	100%	100%
	VN - Van	N/A				
	Custom 1	N/A				
	Custom 2	N/A				
	Custom 3	N/A				
QUIPMENT						
	Non Revenue/Service Automobile	100%	100%	100%	100%	100%
Age - % of vehicles that have	Steel Wheel Vehicles	N/A				
net or exceeded their Useful	Trucks and other Rubber Tire Vehicles	N/A				
	Custom 1	5%	10%	15%	20%	25%
.ife Benchmark (ULB)	Custom 2	90%	100%	100%	100%	100%
	Custom 3	N/A				
ACILITIES						
	Administration	5%	5%	5%	5%	5%
Condition - % of facilities with	Maintenance	5%	5%	5%	5%	5%
condition rating below 3.0	Parking Structures	N/A				
on the FTA Transit Economic	Passenger Facilities	10%	20%	30%	40%	50%
Requirements Model (TERM)	Custom 1	N/A				
Scale	Custom 2	N/A				
	Custom 3	N/A				

TAM Goals and/or Objectives

Goals	Objectives					
Increase ridership by 5% in the next fiscal year.	Participate in 5 outreaches throughout the community.					

Roles and Responsibilities

Department/Individual	Role (Title and/or Description)	Subrecipient
Viviana Zamora	Transit Manager	

Capital Asset InventoryPlease see Appendix A (Asset Register) for the asset inventory listing.

Asset Inventory Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg Value
RevenueVehicles	19	5.5	79,930	\$101,588.68
AB - Articulated Bus	0	-	-	-
AO - Automobile	0	-	-	-
BR - Over-the-road Bus	0	-	-	-
BU - Bus	0	-	-	-
CU - Cutaway Bus	11	5.2	110,670	\$126,025.57
DB - Double Decked Bus	0	-	-	-
FB - Ferryboat	0	-	-	-
MB - Mini-bus	0	-	-	-
MV - Mini-van	6	5.0	32,454	\$46,461.78
RT - Rubber-tire Vintage Trolley	0	-	-	-
SB - School Bus	0	-	-	-
SV - Sport Utility Vehicle	0	-	-	-
TB - Trolleybus	2	9.0	53,286	\$132,566.51
VN - Van	0	-	-	-
Custom 1	0	-	-	-
Custom 2	0	-	-	-
Custom 3	0	-	-	-
Equipment	23	4.6	72,284	\$87,963.72
Non Revenue/Service Automobile	2	7.5	72,284	\$33,311.31
Steel Wheel Vehicles	0	-	-	-
Trucks and other Rubber Tire Vehicles	0	-	-	-
Custom 1	1	2.0	N/A	\$330,000.00
Custom 2	20	3.0	N/A	\$21,598.00
Custom 3	0	-	-	-
Facilities	30	2.8	N/A	\$70,258.67
Administration	1	13.0	N/A	\$1,416,505.33
Maintenance	1	43.0	N/A	\$315,334.00
Parking Structures	0	-	N/A	-
Passenger Facilities	28	1.0	N/A	\$13,425.74
Custom 1	0	-	N/A	-
Custom 2	0	-	N/A	-
Custom 3	0	-	N/A	-

Condition Assessment

Please see Appendix B (Asset Condition Data) for individual asset condition listing.

Asset Condition Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% At or Past ULB
RevenueVehicles	19	5.5	79,930	N/A	\$101,588.68	100%
AB - Articulated Bus	0	-	-	N/A	-	-
AO - Automobile	0	-	-	N/A	-	-
BR - Over-the-road Bus	0	-	-	N/A	-	-
BU - Bus	0	-	-	N/A	-	-
CU - Cutaway Bus	11	5.2	110,670	N/A	\$126,025.57	100%
DB - Double Decked Bus	0	-	-	N/A	-	-
FB - Ferryboat	0	-	-	N/A	-	-
MB - Mini-bus	0	-	-	N/A	-	-
MV - Mini-van	6	5.0	32,454	N/A	\$46,461.78	100%
RT - Rubber-tire Vintage Trolley	0	-	-	N/A	-	-
SB - School Bus	0	-	-	N/A	-	-
SV - Sport Utility Vehicle	0	-	-	N/A	-	-
TB - Trolleybus	2	9.0	53,286	N/A	\$132,566.51	100%
VN - Van	0	-	-	N/A	-	-
Custom 1	0	-	-	N/A	-	-
Custom 2	0	-	-	N/A	-	-
Custom 3	0	-	-	N/A	-	-
Equipment	23	4.6	28,914	N/A	\$87,963.72	22%
Non Revenue/Service Automobile	2	7.5	72,284	N/A	\$33,311.31	100%
Steel Wheel Vehicles	0	-	-	N/A	-	-
Trucks and other Rubber Tire Vehicles	0	-	-	N/A	-	-
Custom 1	1	2.0	0	N/A	\$330,000.00	100%
Custom 2	20	3.0	0	N/A	\$21,598.00	10%
Custom 3	0	-	-	N/A	-	-
Facilities	30	2.8	N/A	-	\$70,258.67	N/A
Administration	1	13.0	N/A	-	\$1,416,505.33	N/A
Maintenance	1	43.0	N/A	-	\$315,334.00	N/A
Parking Structures	0	-	N/A	-	-	N/A
Passenger Facilities	28	1.0	N/A	-	\$13,425.74	N/A
Custom 1	0	-	N/A	-	-	N/A
Custom 2	0	-	N/A	-	-	N/A
Custom 3	0	-	N/A	-	-	N/A

Decision Support

Investment Prioritization

The City Prioritizes replacement of equipment by the age of the assest and it useful life.

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Assest Depreciation Report	A software system that uses asset inventory and depreciation

Investment Prioritization

The list of prioritized investment projects is provided in Appendix C.

Appendices

Appendix A Asset Register

Appendix B1 Revenue Vehicle (Rolling Stock) Condition Data

Appendix B2 Equipment Condition Data
Appendix B3 Facilities Condition Data

Appendix C Proposed Investment Project List
Appendix D Fleet Replacement Module Output

Appendix A: Asset Register

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Custom 1	CNG Site	N/A	N/A	1	Yard	Agency	2016		\$330,000.00
Equipment	Custom 2	Security System	Тусо	Avigilon	11	Transit	Agency	2015		\$24,088.00
Equipment	Custom 2	Security System	tyco	Avigilon	9	Yard	Agency	2015		\$19,108.00
Equipment	Non Revenue/Service Automobile	3512	Braun	Entervan	1	3512	Agency	2010	94,258	\$41,746.61
Equipment	Non Revenue/Service Automobile	3515	Toyota	Prius	1	. 3515	Agency	2011	50,310	\$24,876.00
Facilities	Administration	Transit Center	N/A	N/A	1	1120 Glenwood	Agency	2005		\$1,416,505.33
Facilities	Maintenance	Maintenance Yard	N/A	N/A	1	725 S Lexington	Agency	1975		\$315,334.00
Facilities	Passenger Facilities	11th & Almond Tree Way	N/A	N/A	1	T4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	11th Ave & Hiett Ave @ RFK HS Stadium	N/A	N/A		RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	11th Ave & Norwalk	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	11th St & Albany St.	N/A	N/A	1	RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	11th St & Almond Tree Way	N/A	N/A	1	RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	14th Ave & Clinton @ Freemont School	N/A	N/A	1	RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	6th St & University Heights	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Albany St & 1st Ave @ 1313 Albany Apts	N/A	N/A	1	RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Albany St @ Casa Hernandez Senior Living	N/A	N/A	1	. RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Albany St. & 8th (Cemetary)	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Browning & 9th Ave @ Cesar Chaves High School	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Browning & Carrillo	N/A	N/A	1	RT3	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Cecil & Randolph @ Rite Aid	N/A	N/A	1	RT3	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Conty Line & Oxford St.	N/A	N/A	1	RT3	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	County Line @ Brandy Wine Apts	N/A	N/A	1	RT3	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	County Line Rd & Kalibo St. @ KMART	N/A	N/A	1	RT3	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Garces Highway & Dover St @ Garden Apts	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Garces Hwy @ Triangle Eye	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	High St & Main St @ Trailer Park	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Jefferson & 9th @ Vallarta 2	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Jefferson & Cecil @ Factory 2 U	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Jefferson St & Midblock 6th & Garces Hwy @ Jefferson Park	N/A	N/A	1	. RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Kensignton & Cecil @ State Market	N/A	N/A	1	RT1	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Lexington St. & Garces Hwy @ Pediatrics	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Randolph & Cecil NW @ Tony's Pizza & Vallarta	N/A	N/A	1	RT1	Agency	2017		\$13,425.74

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Facilities	Passenger Facilities	Timmons & Delores @ Bakersfield College Ext.	N/A	N/A	1	RT4	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Woolomes & Lexington @ Aviator Casino/Airport	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
Facilities	Passenger Facilities	Woolomes & Marketplace Dr. @ Walmart	N/A	N/A	1	RT2	Agency	2017		\$13,425.74
RevenueVehicles	CU - Cutaway Bus	3501	EDN	Aeroelite	1	3501	Agency	2008	153,885	\$67,181.53
RevenueVehicles	CU - Cutaway Bus	3506	EDN	Aeroelite	1	3506	Agency	2008	227,985	\$132,566.51
RevenueVehicles	CU - Cutaway Bus	3516	EDN	Aeroelite	1	3516	Agency	2011	72,807	\$185,184.82
RevenueVehicles	CU - Cutaway Bus	3517	Glaval	Entourage	1	3517	Agency	2013	133,979	\$120,154.45
RevenueVehicles	CU - Cutaway Bus	3518	Glaval	Entourage	1	3518	Agency	2013	132,593	\$120,154.45
RevenueVehicles	CU - Cutaway Bus	3519	Glaval	Entourage	1	3519	Agency	2013	128,486	\$120,154.45
RevenueVehicles	CU - Cutaway Bus	3520	Glaval	Entourage	1	3520	Agency	2013	130,721	\$120,154.45
RevenueVehicles	CU - Cutaway Bus	3522	Glaval	Entourage	1	3522	Agency	2015	80,882	\$137,267.52
RevenueVehicles	CU - Cutaway Bus	3523	Glaval	Entourage	1	3523	Agency	2015	80,135	\$137,267.52
RevenueVehicles	CU - Cutaway Bus	3524	Glaval	Entourage	1	3524	Agency	2015	62,196	\$137,267.52
RevenueVehicles	CU - Cutaway Bus	3530	Glaval	Entourage	1	3530	Agency	2017	13,696	\$108,928.00
RevenueVehicles	MV - Mini-van	3509	Braun	Entervan	1	3509	Agency	2010	24,954	\$41,746.61
RevenueVehicles	MV - Mini-van	3510	Braun	Entervan	1	3510	Agency	2010	48,244	\$41,746.61
RevenueVehicles	MV - Mini-van	3511	Braun	Entervan	1	3511	Agency	2010	38,734	\$41,746.61
RevenueVehicles	MV - Mini-van	3527	Braun	Entervan	1	3527	Agency	2016	27,330	\$51,176.95
RevenueVehicles	MV - Mini-van	3528	Braun	Entervan	1	3528	Agency	2016	31,613	\$51,176.95
RevenueVehicles	MV - Mini-van	3529	Braun	Entervan	1	3529	Agency	2016	23,851	\$51,176.95
RevenueVehicles	TB - Trolleybus	3507	El Dorado	Trolley	1	3507	Agency	2009	61,541	\$132,566.51
RevenueVehicles	TB - Trolleybus	3508	El Dorado	Trolley	1	3508	Agency	2009	45,030	\$132,566.51

Appendix B: Asset Condition Data

B1: Revenue Vehicle Assets

A C-t	Assat Class	A No	C	ID/Cordal No	A == (V==)	Vehicle	Replacement	Useful Life	Past Useful Life
Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Mileage	Cost/Value	Benchmark (Yrs)	Benchmark
RevenueVehicles	CU - Cutaway Bus	3501	1	3501	10	153,885	\$67,181.53		Yes
RevenueVehicles	CU - Cutaway Bus	3506	1	3506	10	227,985	\$132,566.51		Yes
RevenueVehicles	CU - Cutaway Bus	3516	1	3516	7	72,807	\$185,184.82		Yes
RevenueVehicles	CU - Cutaway Bus	3517	1	3517	5	133,979	\$120,154.45		Yes
RevenueVehicles	CU - Cutaway Bus	3518	1	3518	5	132,593	\$120,154.45		Yes
RevenueVehicles	CU - Cutaway Bus	3519	1	3519	5	128,486	\$120,154.45		Yes
RevenueVehicles	CU - Cutaway Bus	3520	1	3520	5	130,721	\$120,154.45		Yes
RevenueVehicles	CU - Cutaway Bus	3522	1	3522	3	80,882	\$137,267.52		Yes
RevenueVehicles	CU - Cutaway Bus	3523	1	3523	3	80,135	\$137,267.52		Yes
RevenueVehicles	CU - Cutaway Bus	3524	1	3524	3	62,196	\$137,267.52		Yes
RevenueVehicles	CU - Cutaway Bus	3530	1	3530	1	13,696	\$108,928.00		Yes
RevenueVehicles	MV - Mini-van	3509	1	3509	8	24,954	\$41,746.61		Yes
RevenueVehicles	MV - Mini-van	3510	1	3510	8	48,244	\$41,746.61		Yes
RevenueVehicles	MV - Mini-van	3511	1	3511	8	38,734	\$41,746.61		Yes
RevenueVehicles	MV - Mini-van	3527	1	3527	2	27,330	\$51,176.95		Yes
RevenueVehicles	MV - Mini-van	3528	1	3528	2	31,613	\$51,176.95		Yes
RevenueVehicles	MV - Mini-van	3529	1	3529	2	23,851	\$51,176.95		Yes
RevenueVehicles	TB - Trolleybus	3507	1	3507	9	61,541	\$132,566.51		Yes
RevenueVehicles	TB - Trolleybus	3508	1	3508	9	45,030	\$132,566.51		Yes

Appendix B: Asset Condition Data

B2: Equipment Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement	Useful Life	Past Useful Life
Asset Category	Asset Class	Asset Name	Count	ib/Serial No.	Age (115)	venicie ivilleage	Cost/Value	Benchmark (Yrs)	Benchmark
Equipment	Custom 1	CNG Site	1	Yard	2		\$330,000.00		Yes
Equipment	Custom 2	Security System	11	Transit	3		\$24,088.00		Yes
Equipment	Custom 2	Security System	9	Yard	3		\$19,108.00		Yes
Equipment	Non Revenue/Service Automobile	3512	1	3512	8	94,258	\$41,746.61		Yes
Equipment	Non Revenue/Service Automobile	3515	1	3515	7	50,310	\$24,876.00		Yes

Appendix B: Asset Condition Data

B3: Facilities Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
				1120			•
Facilities	Administration	Transit Center	1	Glenwood	13		\$1,416,505.33
				725 S			
Facilities	Maintenance	Maintenance Yard	1	Lexington	43		\$315,334.00
Facilities	Passenger Facilities	11th & Almond Tree Way	1	T4	1		\$13,425.74
Facilities	Passenger Facilities	11th Ave & Hiett Ave @ RFK HS Stadium	1	RT4	1		\$13,425.74
Facilities	Passenger Facilities	11th Ave & Norwalk	1	RT1	1		\$13,425.74
Facilities	Passenger Facilities	11th St & Albany St.	1	RT4	1		\$13,425.74
Facilities	Passenger Facilities	11th St & Almond Tree Way	1	RT4	1		\$13,425.74
Facilities	Passenger Facilities	14th Ave & Clinton @ Freemont School	1	RT4	1		\$13,425.74
Facilities	Passenger Facilities	6th St & University Heights	1	RT1	1		\$13,425.74
Facilities	Passenger Facilities	Albany St & 1st Ave @ 1313 Albany Apts	1	RT4	1		\$13,425.74
Facilities	Passenger Facilities	Albany St @ Casa Hernandez Senior Living	1	RT2	1		\$13,425.74
Facilities	Passenger Facilities	Albany St. & 8th (Cemetary)	1	RT2	1		\$13,425.74
		Browning & 9th Ave @ Cesar Chaves High					
Facilities	Passenger Facilities	School	1	RT1	1		\$13,425.74
Facilities	Passenger Facilities	Browning & Carrillo	1	RT3	1		\$13,425.74
Facilities	Passenger Facilities	Cecil & Randolph @ Rite Aid	1	RT3	1		\$13,425.74
Facilities	Passenger Facilities	Conty Line & Oxford St.	1	RT3	1		\$13,425.74
Facilities	Passenger Facilities	County Line @ Brandy Wine Apts	1	RT3	1		\$13,425.74
Facilities	Passenger Facilities	County Line Rd & Kalibo St. @ KMART	1	RT3	1		\$13,425.74
		Garces Highway & Dover St @ Garden					
Facilities	Passenger Facilities	Apts		RT2	1		\$13,425.74
Facilities	Passenger Facilities	Garces Hwy @ Triangle Eye		RT1	1		\$13,425.74
Facilities	Passenger Facilities	High St & Main St @ Trailer Park	1	RT2	1		\$13,425.74
Facilities	Passenger Facilities	Jefferson & 9th @ Vallarta 2		RT1	1		\$13,425.74
Facilities	Passenger Facilities	Jefferson & Cecil @ Factory 2 U	1	RT1	1		\$13,425.74
		Jefferson St & Midblock 6th & Garces Hwy					
Facilities	Passenger Facilities	@ Jefferson Park	1	RT2	1		\$13,425.74
Facilities	Passenger Facilities	Kensignton & Cecil @ State Market	1	RT1	1		\$13,425.74
Facilities	Passenger Facilities	Lexington St. & Garces Hwy @ Pediatrics	1	RT2	1		\$13,425.74
Facilities	Passenger Facilities	Randolph & Cecil NW @ Tony's Pizza & Vallarta	1	RT1	1		\$13,425.74

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
		Timmons & Delores @ Bakersfield College					
Facilities	Passenger Facilities	Ext.	1	RT4	1		\$13,425.74
		Woolomes & Lexington @ Aviator					
Facilities	Passenger Facilities	Casino/Airport	1	RT2	1		\$13,425.74
Facilities	Passenger Facilities	Woolomes & Marketplace Dr. @ Walmart	1	RT2	1		\$13,425.74

Appendix C: Proposed Investment Project List

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2018	CNG Bus Cutaway Purchase	RevenueVehicles	\$169,000.00	High

Appendix D: Fleet Replacement Module Output

Total in Current Year \$		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Total in Year of Expenditure \$	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	
	2019		2020		2021		2022		2023	
Fleet Type (Year/Make/Model)	Number	Cost in 2018 \$								
2008 EDN Aeroelite										
2010 Braun Entervan										
2011 EDN Aeroelite										
2013 Glaval Entourage										
2015 Glaval Entourage										
2016 Braun Entervan										
2017 Glaval Entourage										
2009 El Dorado Trolley										