

# TAMPlan

**TAM Plan Name:** Kern Regional Transit Group TAM Plan 21/22

**TAM Plan Type:** Group Plan Sponsor

**Agency Name:** Kern Regional Transit

**Account Executive Name:** Samuel Lux

**Last Modified Date:** 09/30/2022

*Samuel Lux* 12.12.22

## Introduction

### Brief Overview

Kern County is located in the southern end of the Central Valley, California. Kern Regional Transit (KT) is a Division of the Kern County Public Works Department. KT's fleet of buses provides transit service to citizens of rural Kern County, i.e. the non-incorporated areas. Kern County comprises an area of 8,163 square miles. There are 12 fixed routes, 6 Dial-A-Ride areas and 1 medical Dial-A-Ride service. In addition to transporting riders between Kern's rural communities, KT's routes provide connections to public transit systems in the County's rural communities and to transit systems in the surrounding Counties.

### Methods for Target-Setting

Targets were set by using current bus replacement schedules and determining the amount of vehicles we would need to replace on a yearly basis to continue to provide the same level of service to Kern County, while operating within FTA guidelines, and also taking into consideration the new low/no emission state requirements and supply chain/vehicle availability issues that all transit providers are experiencing.

### Performance Targets & Measures

Agency Name	Asset Category	Asset Class	2022 Target	2023 Target	2024 Target	2025 Target	2026 Target	2027 Target
Kern Regional Transit	Revenue Vehicles	BU - Bus		25%			20%	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus		70%		45%		20%

### Sub Recipients

Agency Name	Accountable Executive
City of Tehachapi	Hamed Jones

## Capital Asset Inventory

### Asset Inventory Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00
CU - Cutaway Bus	38	10.5	376,300	\$0.00	\$0.00
VN - Van	2	13.0	269,279	\$0.00	\$0.00
<b>Equipment</b>	<b>2</b>	<b>12.5</b>	<b>N/A</b>	<b>\$0.00</b>	<b>\$0.00</b>
Other Rubber Tire Vehicles	1	12.0	N/A	\$0.00	\$0.00
Equipment	1	13.0	N/A	\$0.00	\$0.00
<b>Facilities</b>	<b>1</b>	<b>0.0</b>	<b>N/A</b>	<b>\$63,858.60</b>	<b>\$63,858.63</b>
Administration	1	0.0	N/A	\$63,858.60	\$63,858.63

## Condition Assessment

### Asset Condition Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value	% At or Exceeds ULB	% of Track Miles in Slow Zone	Number of Facilities less than 3 on TERM scale
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>45%</b>	<b>N/A</b>	<b>N/A</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00	0%	N/A	N/A

# TAM Plan

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Targets were set by using current bus replacement schedules and determining the amount of vehicles we would need to replace on a yearly basis to continue to provide the same level of service to Kern County, while operating within FTA guidelines, and also taking into consideration the new low/no emission state requirements and supply chain/vehicle availability issues that all transit providers are experiencing.

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Agency Name	Asset Category	Asset Class	2022 Target	2023 Target	2024 Target	2025 Target	2026 Target	2027 Target
Kern Regional Transit	Revenue Vehicles	BU - Bus		25%			20%	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus		70%		45%		20%

### Sub Recipients

Agency Name	Accountable Executive
City of Tehachapi	Hamed Jones

## Capital Asset Inventory

### Asset Inventory Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00
CU - Cutaway Bus	38	10.5	376,300	\$0.00	\$0.00
VN - Van	2	13.0	269,279	\$0.00	\$0.00
<b>Equipment</b>	<b>2</b>	<b>12.5</b>	<b>N/A</b>	<b>\$0.00</b>	<b>\$0.00</b>
Other Rubber Tire Vehicles	1	12.0	N/A	\$0.00	\$0.00
Equipment	1	13.0	N/A	\$0.00	\$0.00
<b>Facilities</b>	<b>1</b>	<b>0.0</b>	<b>N/A</b>	<b>\$63,858.60</b>	<b>\$63,858.63</b>
Administration	1	0.0	N/A	\$63,858.60	\$63,858.63

## Condition Assessment

### Asset Condition Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value	% At or Exceeds ULB	% of Track Miles in Slow Zone	Number of Facilities less than 3 on TERM scale
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>45%</b>	<b>N/A</b>	<b>N/A</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00	0%	N/A	N/A

CU - Cutaway Bus	38	10.5	376,300	\$0.00	\$0.00	71%	N/A	N/A
VN - Van	2	13.0	269,279	\$0.00	\$0.00	100%	N/A	N/A
<b>Equipment</b>	<b>2</b>	<b>12.5</b>	<b>N/A</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>N/A</b>	<b>N/A</b>
Other Rubber Tire Vehicles	1	12.0	N/A	\$0.00	\$0.00	0%	N/A	N/A
Equipment	1	13.0	N/A	\$0.00	\$0.00	0%	N/A	N/A
<b>Facilities</b>	<b>1</b>	<b>0.0</b>	<b>N/A</b>	<b>\$63,858.60</b>	<b>\$63,858.63</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>
Administration	1	0.0	N/A	\$63,858.60	\$63,858.63	N/A	N/A	0

## Decision Support

### Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Fleet replacement spreadsheet	Spreadsheet forecasting future replacement of revenue vehicles. The fleet is maintained and repaired until it has met or exceeded the useful life guidelines. Maintenance staff will notify the transit manager to determine the investment needed to keep vehicle or equipment operational and safe for passengers and will provide replacement recommendations. Current supply chain delays for busses and bus parts are impacting the replacement schedule.

## Investment Prioritization

Significant investment in new cutaway and standard busses are needed to maintain or achieve a State of Good Repair (SGR) within the next 5 years. These bus investments must be coupled with additional investments in low/no emissions bus infrastructure and low/no emissions busses in order to meet the upcoming state mandates. However, the current COVID-19 related supply chain delays are impacting the ability of transit providers to purchase necessary busses and parts. This issue could cause these investment prioritization projected year ranges to change or be delayed.

### Proposed Investments

Project Name	Project Year	Asset Category	Asset Class	Cost	Priority	Updated Date
Electric bus acquisition (4)	2027	Revenue Vehicles	BU - Bus	\$1,000,000.00	Low	
Cutaway bus acquisition (4)	2027	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	Low	
Electric bus acquisition (2)	2026	Revenue Vehicles	BU - Bus	\$800,000.00	Low	
Cutaway bus acquisition (8)	2026	Revenue Vehicles	CU - Cutaway Bus	\$1,600,000.00	Medium	
Electric cutaway bus acquisition (3)	2025	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	Medium	
Cutaway bus acquisition (6)	2024	Revenue Vehicles	CU - Cutaway Bus	\$1,000,000.00	High	
Electric bus acquisition	2023	Revenue Vehicles	BU - Bus	\$1,000,000.00	High	
Cutaway bus acquisition (4)	2023	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	High	
Standard bus acquisition	2022	Revenue Vehicles	BU - Bus	\$400,000.00	High	

### Sub-recipient Certification

Sub-recipient Agency Name	Sub-recipient Email Address	Certified By	Certified Date
City of Tehachapi			

# TAM Plan Appendix

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**TAM Plan Type:** Group Plan Sponsor

**Agency Name:** Kern Regional Transit

**Account Executive Name:** Samuel Lux

**Last Modified Date:** 09/30/2022

## Sub Recipients

Agency Name	Accountable Executive
City of Tehachapi	Hamed Jones

## Appendix A: Asset Register

### Revenue Vehicles

Agency Name	Asset Category	Asset Class	Asset Name	Asset Owner	Manufacture Year	NTD ID	RVI ID	Manufacturer	Model	Count/Total Number of vehicles	Count / Fleet	Fleet ID	Average Vehicle Mileage	Total Active Fleet mileage	No of Active Fleet vehicles	Non-Dedicated Fleet	Capital Responsibility?	Transit Agency Capital Responsibility (%)	Unit Replacement Cost/Value	Rebuild Year	Type of Last Renewal	Grant number/FAIN	Percent FTA Funded (%)	Group Plan Sponsor Name	Manually Added/Updated/Cloned Record?	Updated Date
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1547 - Standard Bus	Kern Regional Transit	2015	9R02-91059	344335	El Dorado	XHF	1	Count		213186				Yes	100.00%	\$0.00				0.00%		Yes	10/31/2022 7:23:20 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B2102 - Cutaway Bus	Kern Regional Transit	2021	9R02-91059	UNK	Ford	Startrans	1	Count		24710				Yes	100.00%	\$0.00				0.00%		Yes	10/31/2022 7:22:26 PM
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1902, B1903 - Standard Busses (2)	Kern Regional Transit	2020	9R02-91059	UNK	Startrans	Freightliner	2	Count		75175				Yes	100.00%	\$0.00				0.00%		Yes	10/31/2022 7:22:04 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B2101 - Cutaway Bus	Kern Regional Transit	2021	9R02-91059	UNK	Ford	Startrans	1	Count		7190				Yes	100.00%	\$0.00				0.00%		Yes	10/31/2022 7:21:47 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0902 - Cutaway Bus	Kern Regional Transit	2009	9R02-91059	361918	Chevrolet	CC5V042	1	Count		537433				Yes	100.00%	\$0.00				0.00%		Yes	10/31/2022 7:13:41 PM
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1901 - BYD K9M Electric Bus	Kern Regional Transit	2019	9R02-91059	4B9KSLA69H2038033	BYD USA	K9M Electric Bus	1	Count		1249			Yes	Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	VN - Van	B0930, B0932 - Ford Econoline 9 Passenger Van Bus (2)	Kern Regional Transit	2009	9R02-91059	1FTSS34L79DA37898, 1FTSS34L89DA50160	Ford	Econoline	2	Count		269279			Yes	Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1168 - Cutaway Bus	Kern Regional Transit	2011	9R02-91059	344341			1	Count		353211				Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0134,B0135,B0137,B0139,B0142,B0143 - Cutaway Busses (6)	Kern Regional Transit	2003	9R02-91059	344319	El Dorado / Ford	Aerotech / E450	6	Count		704217				Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional	Revenue Vehicles	CU - Cutaway	B1272, B1273 - Cutaway Busses (2)	Kern Regional	2012	9R02-91059	344320	El Dorado	Aerotech	2	Count		384479				Yes	100.00%	\$0.00				0.00%		Yes	

Transit	Bus	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	Transit	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0901, B0904, B0906 - Cutaway Busses (3)	Kern Regional Transit	2009	9R02-91059	344321			3	Count		463167					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1167, B1171 - Cutaway Busses (2)	Kern Regional Transit	2011	9R02-91059	344322	El Dorado	Aerotech	2	Count		399396					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1160, B1161, B1162, B1164, B1165 - Cutaway Busses (5)	Kern Regional Transit	2011	9R02-91059	344329	El Dorado	Aerotech	5	Count		384969					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1166 - Cutaway Bus	Kern Regional Transit	2011	9R02-91059	344330	El Dorado	Aerotech	1	Count		415695					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1542 - Standard Bus	Kern Regional Transit	2015	9R02-91059	344334	El Dorado	Axess	1	Count		494998					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1203 - Cutaway Bus	Kern Regional Transit	2012	9R02-91059	344344	Ford	Aerotech	1	Count		243976					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1163 - Cutaway Bus	Kern Regional Transit	2011	9R02-91059	344345	El Dorado	Aerotech	1	Count		436370					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1904 - Cutaway Bus	Kern Regional Transit	2019	9R02-91059	386932	Ford	Senator II	1	Count		86547					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1905 - Cutaway Bus	Kern Regional Transit	2020	9R02-91059	386933	Ford	Senator II	1	Count		100221					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1201, B1202, B1204 - Cutaway Busses (3)	Kern Regional Transit	2012	9R02-91059	344325	Ford	Aerotech	3	Count		251524					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1701, B1702 - Cutaway Busses (2)	Kern Regional Transit	2017	9R02-91059	344331	Ford	Starcraft	2	Count		233425					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1169 - Cutaway Bus	Kern Regional Transit	2011	9R02-91059	361920	El Dorado	Aerotech	1	Count		360465					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1501, B1502, B1503, B1504, B1505 - Cutaway Busses (5)	Kern Regional Transit	2015	9R02-91059	361926	El Dorado	Aerotech	5	Count		280955					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1340,B1350,B1351 - Standard Busses (3)	Kern Regional Transit	2013	9R02-91059	344326	El Dorado	Axess	3	Count		447723					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1420,B1421,B1422 - Standard Busses (3)	Kern Regional Transit	2013	9R02-91059	344327	El Dorado	Axess	3	Count		447286					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1540, B1541, B1543, B1544, B1545, B1546 - Standard Busses (6)	Kern Regional Transit	2015	9R02-91059	344328	El Dorado	Axess	6	Count		458353					Yes	100.00%	\$0.00				0.00%	Yes
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1548, B1549 - Standard Busses (2)	Kern Regional Transit	2015	9R02-91059	344332	El Dorado	XHF	2	Count		287529					Yes	100.00%	\$0.00				0.00%	Yes

Kern Regional Transit	Revenue Vehicles	BU - Bus	B1550 - Standard Bus	Kern Regional Transit	2015	9R02-91059	344333	El Dorado	XHF	1	Count		284114				Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1748, B1749, B1750 - Standard Busses (3)	Kern Regional Transit	2017	9R02-91059	344336	El Dorado	Axess	3	Count		330719				Yes	100.00%	\$0.00				0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1747 - Standard Bus	Kern Regional Transit	2017	9R02-91059	361916	El Dorado	Axess	1	Count		316390				Yes	100.00%	\$0.00				0.00%		Yes	

#### Equipment

Agency Name	Asset Category	Asset Class	Asset Name	Asset Owner	Manufacture Year	NTD ID	ID/Serial No	Manufacturer	Model	Count/Total Number of vehicles	Count / Fleet	Fleet ID	Average Vehicle Mileage	Total Active Fleet mileage	No of Active Fleet vehicles	Non-Dedicated Fleet	Capital Responsibility?	Transit Agency Capital Responsibility (%)	Unit Replacement Cost/Value	Dollar Year of the Estimated Cost	Grant number/FAIN	Percent FTA Funded (%)	Group Plan Sponsor Name	Manually Added/Updated/Cloned Record?	Updated Date	
Kern Regional Transit	Equipment	Equipment	B3002 - Cummins West Emergency Generator	Kern Regional Transit	2009	9R02-91059	12072009VIC	Cummins West	Emergency Generator	1							Yes	100.00%	\$0.00				0.00%		Yes	12/9/2022 6:53:15 PM
Kern Regional Transit	Equipment	Other Rubber Tire Vehicles	M27 Mitsubishi Outlander	Kern Regional Transit	2010	9R02-91059	JA4AS2AWXAZ016937	Mitsubishi	Outlander	1	Fleet						Yes	100.00%	\$0.00				0.00%		Yes	

#### Facilities

Agency Name	Asset Category	Asset Class	Asset Name	Asset Owner	NTD ID	Year Built	Street Address	Square Footage	ID/Serial No	Count	Capital Responsibility?	Transit Agency Capital Responsibility (%)	Unit Replacement Cost/Value	Number of parking spaces	Grant number/FAIN	Percent FTA Funded (%)	Group Plan Sponsor Name	Manually Added/Updated/Cloned Record?	Updated Date
Kern Regional Transit	Facilities	Administration	Administration Trailer	Kern Regional Transit	9R02-91059	2022	5438 Victor Street		PMI-4807-1228	1	Yes	100.00%	\$63,858.63			0.00%		Yes	12/9/2022 6:56:30 PM

#### Infrastructure

Agency Name	Asset Category	Asset Class	Asset Name	Asset Owner	Year in Service	NTD ID	ID/Serial No	Manufacturer	Model	Count	Track Miles	Expected Service Years When New	Number of track miles in Slow zone	Capital Responsibility?	Transit Agency Capital Responsibility (%)	Unit Replacement Cost/Value	Track Under Performance Restriction	Grant number/FAIN	Percent FTA Funded (%)	Manually Added/Updated/Cloned Record?	Updated Date
No data found																					

### Appendix B: Asset Condition Data

#### B1: Revenue Vehicle Assets

Agency Name	Asset Category	Asset Class	Asset Name	NTD ID	RVI ID	Count/Total Number of vehicles	No of Active Fleet vehicles	Average Vehicle Mileage	Total Active Fleet mileage	Unit Replacement Cost/Value	Age (Yrs)	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark	Notes	Default Useful Life Benchmark	Grant number/FAIN	Percent FTA Funded (%)	Group Plan Sponsor Name	Manually Added/Updated/Cloned Record?	Updated Date
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Kern Regional Transit	Revenue Vehicles	BU - Bus	B1547 - Standard Bus	9R02-91059	344335	1		213186		\$0.00	7	14	No		Yes		0.00%		Yes	10/31/2022 7:23:20 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B2102 - Cutaway Bus	9R02-91059	UNK	1		24710		\$0.00	1	10	No		Yes		0.00%		Yes	10/31/2022 7:22:26 PM
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1902, B1903 - Standard Busses (2)	9R02-91059	UNK	2		75175		\$0.00	2	14	No		Yes		0.00%		Yes	10/31/2022 7:22:04 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B2101 - Cutaway Bus	9R02-91059	UNK	1		7190		\$0.00	1	10	No		Yes		0.00%		Yes	10/31/2022 7:21:47 PM
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0902 - Cutaway Bus	9R02-91059	361918	1		537433		\$0.00	13	10	Yes		Yes		0.00%		Yes	10/31/2022 7:13:41 PM
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1901 - BYD K9M Electric Bus	9R02-91059	4B9KSLA69H2038033	1		1249		\$0.00	3	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	VN - Van	B0930, B0932 - Ford Econoline 9 Passenger Van Bus (2)	9R02-91059	1FTSS34L79DA37898, 1FTSS34L89DA50160	2		269279		\$0.00	13	8	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1168 - Cutaway Bus	9R02-91059	344341	1		353211		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0134,B0135,B0137,B0139,B0142,B0143 - Cutaway Busses (6)	9R02-91059	344319	6		704217		\$0.00	19	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1272, B1273 - Cutaway Busses (2)	9R02-91059	344320	2		384479		\$0.00	10	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B0901, B0904, B0906 - Cutaway Busses (3)	9R02-91059	344321	3		463167		\$0.00	13	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1167, B1171 - Cutaway Busses (2)	9R02-91059	344322	2		399396		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1160, B1161, B1162, B1164, B1165 - Cutaway Busses (5)	9R02-91059	344329	5		384969		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1166 - Cutaway Bus	9R02-91059	344330	1		415695		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1542 - Standard Bus	9R02-91059	344334	1		494998		\$0.00	7	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1203 - Cutaway Bus	9R02-91059	344344	1		243976		\$0.00	10	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1163 - Cutaway Bus	9R02-91059	344345	1		436370		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern	Revenue	CU -	B1904 - Cutaway Bus	9R02-91059	386932	1		86547		\$0.00	3	10	No		Yes		0.00%		Yes	

Regional Transit	Vehicles	Cutaway Bus																		
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1905 - Cutaway Bus	9R02-91059	386933	1		100221		\$0.00	2	10	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1201, B1202, B1204 - Cutaway Busses (3)	9R02-91059	344325	3		251524		\$0.00	10	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1701, B1702 - Cutaway Busses (2)	9R02-91059	344331	2		233425		\$0.00	5	10	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1169 - Cutaway Bus	9R02-91059	361920	1		360465		\$0.00	11	10	Yes		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus	B1501, B1502, B1503, B1504, B1505 - Cutaway Busses (5)	9R02-91059	361926	5		280955		\$0.00	7	10	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1340,B1350,B1351 - Standard Busses (3)	9R02-91059	344326	3		447723		\$0.00	9	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1420,B1421,B1422 - Standard Busses (3)	9R02-91059	344327	3		447286		\$0.00	9	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1540, B1541, B1543, B1544, B1545, B1546 - Standard Busses (6)	9R02-91059	344328	6		458353		\$0.00	7	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1548, B1549 - Standard Busses (2)	9R02-91059	344332	2		287529		\$0.00	7	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1550 - Standard Bus	9R02-91059	344333	1		284114		\$0.00	7	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1748, B1749, B1750 - Standard Busses (3)	9R02-91059	344336	3		330719		\$0.00	5	14	No		Yes		0.00%		Yes	
Kern Regional Transit	Revenue Vehicles	BU - Bus	B1747 - Standard Bus	9R02-91059	361916	1		316390		\$0.00	5	14	No		Yes		0.00%		Yes	

**B2: Equipment Assets**

Agency Name	Asset Category	Asset Class	Asset Name	NTD ID	ID/Serial No	Count/Total Number of vehicles	No of Active Fleet vehicles	Average Vehicle Mileage	Total Active Fleet mileage	Unit Replacement Cost/Value	Age (Yrs)	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark	Notes	Default Useful Life Benchmark	Grant number/FAIN	Percent FTA Funded (%)	Group Plan Sponsor Name	Manually Added/Updated/Cloned Record?	Updated Date
Kern Regional Transit	Equipment	Equipment	B3002 - Cummins West Emergency Generator	9R02-91059	12072009VIC	1				\$0.00	13	30	No	Generators usually last anywhere from 25-40 years, or from 10,000-30,000 running hours.	No		0.00%		Yes	12/9/2022 6:53:15 PM
Kern	Equipment	Other	M27	9R02-91059	JA4AS2AWXAZ016937	1				\$0.00	12	14	No		Yes		0.00%		Yes	





2017 Ford Starcraft	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2019 BYD USA K9M Electric Bus	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2019 Ford Senator II	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2020 Ford Senator II	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2020 Startrans Freightliner	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2021 Ford Startrans	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00

**New Fleet Inflation**

Row Names	2023	2024	2025	2026	2027
Total in Current Year \$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Inflation Rate					
Compounded Inflation					
Total in Year of Expenditure \$					

# TAM Plan

**TAM Plan Name:** Kern Regional Transit Group TAM Plan 21/22

**TAM Plan Type:** Group Plan Sponsor

**Agency Name:** Kern Regional Transit

**Account Executive Name:** Samuel Lux

**Last Modified Date:** 09/30/2022

## Introduction

### Brief Overview

Kern County is located in the southern end of the Central Valley, California. Kern Regional Transit (KT) is a Division of the Kern County Public Works Department. KT's fleet of buses provides transit service to citizens of rural Kern County, i.e. the non-incorporated areas. Kern County comprises an area of 8,163 square miles. There are 12 fixed routes, 6 Dial-A-Ride areas and 1 medical Dial-A-Ride service. In addition to transporting riders between Kern's rural communities, KT's routes provide connections to public transit systems in the County's rural communities and to transit systems in the surrounding Counties.

### Methods for Target-Setting

Targets were set by using current bus replacement schedules and determining the amount of vehicles we would need to replace on a yearly basis to continue to provide the same level of service to Kern County, while operating within FTA guidelines, and also taking into consideration the new low/no emission state requirements and supply chain/vehicle availability issues that all transit providers are experiencing.

### Performance Targets & Measures

Agency Name	Asset Category	Asset Class	2022 Target	2023 Target	2024 Target	2025 Target	2026 Target	2027 Target
Kern Regional Transit	Revenue Vehicles	BU - Bus		25%			20%	
Kern Regional Transit	Revenue Vehicles	CU - Cutaway Bus		70%		45%		20%

### Sub Recipients

Agency Name	Accountable Executive
City of Tehachapi	Hamed Jones

## Capital Asset Inventory

### Asset Inventory Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00
CU - Cutaway Bus	38	10.5	376,300	\$0.00	\$0.00
VN - Van	2	13.0	269,279	\$0.00	\$0.00
<b>Equipment</b>	<b>2</b>	<b>12.5</b>	<b>N/A</b>	<b>\$0.00</b>	<b>\$0.00</b>
Other Rubber Tire Vehicles	1	12.0	N/A	\$0.00	\$0.00
Equipment	1	13.0	N/A	\$0.00	\$0.00
<b>Facilities</b>	<b>1</b>	<b>0.0</b>	<b>N/A</b>	<b>\$63,858.60</b>	<b>\$63,858.63</b>
Administration	1	0.0	N/A	\$63,858.60	\$63,858.63

## Condition Assessment

### Asset Condition Summary

Asset Category/Class	Total Number	Avg Age	Avg Mileage	Avg Replacement Cost/Value	Total Replacement Cost/Value	% At or Exceeds ULB	% of Track Miles in Slow Zone	Number of Facilities less than 3 on TERM scale
<b>Revenue Vehicles</b>	<b>64</b>	<b>9.1</b>	<b>364,072</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>45%</b>	<b>N/A</b>	<b>N/A</b>
BU - Bus	24	6.6	352,610	\$0.00	\$0.00	0%	N/A	N/A

CU - Cutaway Bus	38	10.5	376,300	\$0.00	\$0.00	71%	N/A	N/A
VN - Van	2	13.0	269,279	\$0.00	\$0.00	100%	N/A	N/A
<b>Equipment</b>	<b>2</b>	<b>12.5</b>	<b>N/A</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>N/A</b>	<b>N/A</b>
Other Rubber Tire Vehicles	1	12.0	N/A	\$0.00	\$0.00	0%	N/A	N/A
Equipment	1	13.0	N/A	\$0.00	\$0.00	0%	N/A	N/A
<b>Facilities</b>	<b>1</b>	<b>0.0</b>	<b>N/A</b>	<b>\$63,858.60</b>	<b>\$63,858.63</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>
Administration	1	0.0	N/A	\$63,858.60	\$63,858.63	N/A	N/A	0

## Decision Support

### Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Fleet replacement spreadsheet	Spreadsheet forecasting future replacement of revenue vehicles. The fleet is maintained and repaired until it has met or exceeded the useful life guidelines. Maintenance staff will notify the transit manager to determine the investment needed to keep vehicle or equipment operational and safe for passengers and will provide replacement recommendations. Current supply chain delays for busses and bus parts are impacting the replacement schedule.

## Investment Prioritization

Significant investment in new cutaway and standard busses are needed to maintain or achieve a State of Good Repair (SGR) within the next 5 years. These bus investments must be coupled with additional investments in low/no emissions bus infrastructure and low/no emissions busses in order to meet the upcoming state mandates. However, the current COVID-19 related supply chain delays are impacting the ability of transit providers to purchase necessary busses and parts. This issue could cause these investment prioritization projected year ranges to change or be delayed.

### Proposed Investments

Project Name	Project Year	Asset Category	Asset Class	Cost	Priority	Updated Date
Electric bus acquisition (4)	2027	Revenue Vehicles	BU - Bus	\$1,000,000.00	Low	
Cutaway bus acquisition (4)	2027	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	Low	
Electric bus acquisition (2)	2026	Revenue Vehicles	BU - Bus	\$800,000.00	Low	
Cutaway bus acquisition (8)	2026	Revenue Vehicles	CU - Cutaway Bus	\$1,600,000.00	Medium	
Electric cutaway bus acquisition (3)	2025	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	Medium	
Cutaway bus acquisition (6)	2024	Revenue Vehicles	CU - Cutaway Bus	\$1,000,000.00	High	
Electric bus acquisition	2023	Revenue Vehicles	BU - Bus	\$1,000,000.00	High	
Cutaway bus acquisition (4)	2023	Revenue Vehicles	CU - Cutaway Bus	\$800,000.00	High	
Standard bus acquisition	2022	Revenue Vehicles	BU - Bus	\$400,000.00	High	

### Sub-recipient Certification

Sub-recipient Agency Name	Sub-recipient Email Address	Certified By	Certified Date
City of Tehachapi			