

# OPERATIONS & MAINTENANCE REPORT

PRESENTATION TO GCTD BOARD OF DIRECTORS

December 1, 2021



# Maintenance Key Performance Indicators for July 2020 - June 2021



## Maintenance KPI's July 2020 - June 2021

Month	Revenue Miles	Major Roadcalls	Other Roadcalls	Total Roadcalls	Miles Between Major Roadcalls	Miles Between Minor Roadcalls	MBRC Total	Customer Service Interruptions	Miles Between CS Interruptions	Tows
Jul-20	149,622	6	18	24	24,937	8,312	6,234	15	9,975	1
Aug-20	165,567	13	9	22	12,736	18,396	7,526	23	7,199	0
Sep-20	167,026	14	7	21	11,930	23,861	7,954	20	8,351	1
Oct-20	166,098	14	8	22	11,864	20,762	7,550	16	10,381	2
Nov-20	166,383	9	17	26	18,487	9,787	6,399	16	10,399	0
Dec-20	167,209	13	13	26	12,862	12,862	6,431	16	10,451	3
Jan-21	166,383	7	25	32	23,769	6,655	5,199	15	11,092	1
Feb-21	165,402	13	16	29	12,723	10,338	5,704	14	11,814	3
Mar-21	164,388	11	10	21	14,944	16,439	7,828	14	11,742	2
Apr-21	163,245	9	7	16	18,138	23,321	10,203	8	20,406	2
May-21	165,697	16	15	31	10,356	11,046	5,345	18	9,205	0
Jun-21	166,186	13	11	24	12,784	15,108	6,924	11	15,108	0
Totals	1,973,206	138	156	294	14,299	12,649	6,712	186	10,609	15

# Operations October 2021

## Key Performance Indicators (KPI's)

Missed service 6091 miles  
Boarding: 189,063  
Revenue Miles : 150,901

On Time Performance: **85.5%**  **90%** goal

Missed Service: **4.1%**  **Less than 1%** goal

Preventable Accidents: **3**  **1 per 100,000 miles** goal

Customer Contacts: **8**  **Goal is 1 contact per 10,000 boarding's**

# Maintenance November Monthly Preventive Maintenance (PM)



Monthly PM Report

11/1/2021 to 11/30/2021 PM's					
Bus #	Last Miles	Current Miles	Difference	On Time	Date
4028	167736	172671	4935	Yes	11/1/2021
3515	130423	135020	4597	Yes	11/1/2021
3503	359636	364314	4678	Yes	11/2/2021
4037	389116	393960	4844	Yes	11/2/2021
4035	2877	7818	4941	Yes	11/3/2021
4050	146806	151804	4998	Yes	11/3/2021
4042	168552	173428	4876	Yes	11/3/2021
4039	159664	164381	4717	Yes	11/4/2021
4020	113787	118698	4911	Yes	11/4/2021
4051	129046	133946	4900	Yes	11/4/2021
4060	71607	76343	4736	Yes	11/5/2021
3514	47592	52504	4912	Yes	11/5/2021
4027	67978	72898	4920	Yes	11/7/2021
4040	64259	68900	4641	Yes	11/7/2021
4032	30028	35159	5131	No	11/8/2021
3506	220813	225821	5008	No	11/9/2021
3502	30516	35316	4800	Yes	11/9/2021
4038	30050	34946	4896	Yes	11/9/2021
4048	67381	72286	4905	Yes	11/10/2021
3513	209791	214681	4890	Yes	11/11/2021
4029	40233	45068	4835	Yes	11/11/2021
4034	55667	60463	4796	Yes	11/11/2021
4023	370849	375702	4853	Yes	11/11/2021
4036	71205	75982	4777	Yes	11/12/2021
3501	130378	135258	4880	Yes	11/12/2021
4041	129268	134348	5080	No	11/13/2021
4046	18102	22903	4801	Yes	11/14/2021
3512	239921	244655	4734	Yes	11/15/2021
4045	265827	270600	4773	Yes	11/15/2021
4043	369639	374329	4690	Yes	11/17/2021
4063	6281	11093	4812	Yes	11/18/2021
4022	189802	194563	4761	Yes	11/18/2021
4047	3	4627	4624	Yes	11/23/2021
4056	127086	131661	4575	Yes	11/23/2021
4024	71923	76488	4565	Yes	11/24/2021
4030	46197	50707	4510	Yes	11/24/2021
4055	36224	41169	4945	Yes	11/27/2021
4049	17220	22081	4861	Yes	11/27/2021

GCTD buses are inspected and serviced per FTA / CHP guidelines. GCTD services all buses every 5,000 miles.

38 Preventive Maintenance Services in November 2021

3 of these were late for GCTD standards

0 of the 38 services were late per the FTA allowance of 10% or 5500 Miles.

These are outstanding statistics from the Maintenance Department at GCTD

# CTA Fall Conference and Expo



Gold Coast Transit moderated and presented a breakout session on the “Next Generation Mechanic”. Other topics discussed were “Women in the transit operations workforce”, “Working with colleges to recruit staff” as well as equity and diversity in public transit.

GCTD collaborated with Mike Flocchini from **AC Transit**, Brad Menil from **San Joaquin Transit** and Jack Clark of the **International Transportation Learning Center**.

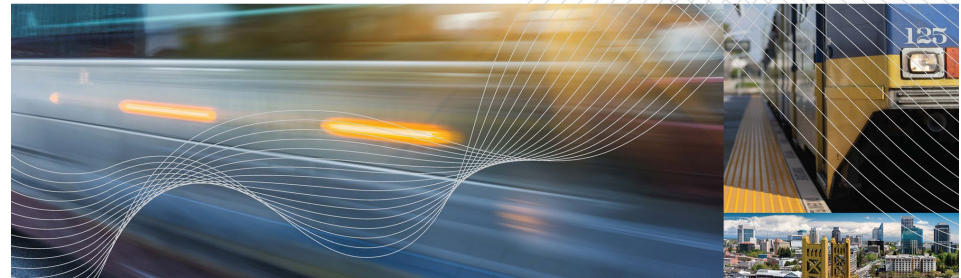


CALIFORNIA TRANSIT ASSOCIATION'S 56<sup>TH</sup> ANNUAL FALL CONFERENCE & EXPO

## EMBRACING CHANGE

NEW ERA. NEW VISION.

PRESENTED BY  
 PROTERRA



## THE NEXT-GEN MECHANIC



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# CTA Fall Conference and Expo



TRAINING & EDUCATION  
MANAGER



MICHAEL FLOCCINI

## The Next-Gen Mechanic

*"It is amazing how much  
can be accomplished if  
no one cares who gets  
the credit"*

*John Wooden, UCLA -  
Basketball Hall of Fame*

November 3, 2021



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# CTA Fall Conference and Expo

## GCTD Women in Transit Operations

### Margaret Schoep is GCTD's Paratransit and Special Projects Manager



- Margaret has been with GCTD over 20 years and manages GCTD's Paratransit Contract which includes oversight of Maintenance.
- Margaret led GCTD's efforts in our first micro-transit project set to deploy in early 2022.

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### Jenee Chandler is a GCTD Mechanic II Electronic Classification



- Jenee has 11 years at GCTD.
- Jenee is responsible for all repair and maintenance on fareboxes, APC, AVL and other electronic systems on GCTD buses.



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### Operations Supervisors

- Suzanne, Chiharu & Michelle have a combined 55 years of transit experience. They work closely with GCTD's Maintenance Supervisors to deliver excellent service.
- All Gold Coast Transit Operations Supervisors make in route repairs on buses along with their many other duties.



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### Lupe Juarez

- Lupe started in 1980 as a Bus Operator
- Over 40+ years of service to our community
- Lupe has logged over 3 million miles



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# Zero-Emission Roll-Out Plan

## Zero-Emission Bus Analysis

### Did you know?

Starting in 2029, all new public transit buses bought in California must be zero-emission.

Stantec has concluded GCTD's existing conditions report and is currently modeling GCTD fixed route and paratransit services.

Stantec will be presenting a report to the GCTD Board of Directors in January 2022. The Zero-Emission Roll-Out Plan Project is currently 16 % complete.

### Energy Model

Route & block based  
Two approaches

### Power Demand

Charging profile

### Cost Optimization

Total cost of ownership

### ZEB Fleet Mix





# GCTD Community Outreach

## **“Operation Stay Warm”**

Manny Barajas has led the GCTD efforts in providing the unhoused people in our service area with winter coats and gloves. Manny has distributed over 20 jackets in the last year.





# GCTD Unhoused, Mental Health & Addiction Community Outreach

- Gold Coast Transit is collaborating with Ventura County Behavior Health, VCTC, SEIU, Teamsters & Non-Profits to help educate our community and GCTD staff about how to identify and handle people with mental health and addiction issues.



- The goal is to improve knowledge and communication in the community to help those in need.



- There are no easy answers to these issues but getting together and talking is a start. Driver training to be conducted in December with VCBH.



# (LCFC) Fuel Credits Starting Next Year

GCTD will begin to receive Low Carbon Fuel Credits (LCFC) starting next year for electric vehicles. Initially we look to collect \$15,000 to \$17,000 a year. This will increase as more electric vehicles are added to the GCTD fleet.





# Julieta Flores Joins Operations Supervisors



Congratulations to Julieta Flores to her promotion to Operations Supervisor.

Julieta has been with GCTD for 5 years as a Bus Operator.

We are excited to have Julieta as the newest member of the Operations Supervisor Unit.

# QUESTIONS?