

# OPERATIONS & MAINTENANCE REPORT

PRESENTATION TO GCTD BOARD OF DIRECTORS

January 6, 2021



# Maintenance Key Performance Indicators (KPI's)



## November 2020 K.P.I.'s

TOTAL REVENUE MILES	166,383
TOTAL ROADCALLS	21
MAJOR ROADCALLS TOTAL	8
OTHER ROADCALLS TOTAL	13
MECHANIC DISPATCHED ROADCALLS	10
TOTAL BUS TRADES	49
SERVICE INTERRUPTIONS	17
BUSES TOWED	0

Customer Service Interruptions	17
Miles Between Customer Service Interrupt	9787.24

MILES BETWEEN MAJOR ROADCALLS	20,798
MILES BETWEEN OTHER ROADCALLS	12,799
MBRC	7,923

7,500 Miles Goal



MBRC = Miles Between Road-calls

Customer Service Interruptions are delays to GCTD customers of 5 minutes or more

10,000 Miles Goal





# Bus Preventive Maintenance November 2020

Monthly 11/1/20 to 11/30/20					
Bus #	Last Miles	Current Miles	Difference	On Time	Date Completed
4054	152669	157180	4511	Yes	11/2/2020
4042	132346	136610	4264	Yes	11/4/2020
3509	185843	190359	4516	Yes	11/4/2020
3512	203967	208771	4804	Yes	11/4/2020
4046	111863	116681	4818	Yes	11/4/2020
4051	92843	96998	4155	Yes	11/5/2020
4057	166439	170803	4364	Yes	11/9/2020
4019	70565	75322	4757	Yes	11/9/2020
4056	104531	109292	4761	Yes	11/9/2020
3511	210577	215138	4561	Yes	11/10/2020
4029	4923	9540	4617	Yes	11/10/2020
4033	149890	154538	4648	Yes	11/10/2020
4047	35221	39810	4589	Yes	11/11/2020
3504	189031	193758	4727	Yes	11/12/2020
4036	35025	39768	4743	Yes	11/12/2020
3507	232115	236880	4765	Yes	11/14/2020
4039	137343	141907	4564	Yes	11/15/2020
4035	80151	84812	4661	Yes	11/15/2020
3500	102724	107238	4514	Yes	11/17/2020
4027	36114	40760	4646	Yes	11/18/2020
4021	4433	9329	4896	Yes	11/18/2020
4060	41324	45731	4407	Yes	11/19/2020
4020	81151	86698	5547	Late	11/20/2020
3510	210229	215017	4788	Yes	11/21/2020
4028	135553	140358	4805	Yes	11/24/2020
4041	93048	97676	4628	Yes	11/24/2020
4043	342985	347552	4567	Yes	11/24/2020
4062	26516	31235	4719	Yes	11/25/2020
3508	187261	191895	4634	Yes	11/25/2020
4028	135553	140358	4805	Yes	11/24/2020
4041	93048	97676	4628	Yes	11/24/2020
4043	342985	347552	4567	Yes	11/24/2020
4062	26516	31235	4719	Yes	11/25/2020
3508	187261	191895	4634	Yes	11/25/2020

- GCTD buses are inspected and serviced per FTA / CHP guidelines. GCTD services all buses every 5,000 miles.
- 34 Preventive Maintenance Services in November 2020.
- 1 of these was considered late for GCTD standards (547 miles late)
- 1 of the 34 services were late per the FTA allowance of 10% or 5500 Miles.**
- These are outstanding statistics from the Maintenance Department at GCTD.

# Operations November 2020 Key Performance Indicators (KPI's)

Missed service 633 miles  
213,625 Boarding  
167,026 Miles

On Time Performance: **88.0 %**  **90%** goal

Missed Service: **.003%**  **Less than 1% goal**

Preventable Accidents: **4**  **1 per 100,000 miles goal**

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

# January 2021 Service Plans

**Based on projected passenger loads, and COVID-19 conditions, the following service changes are planned for the January 24, 2021:**

- Weekday Route 1A/B – Restore service back to full-service hours.
- Weekday Route 6 – Restore frequency back to every 20 mins mid-day. Early AM & late PM trips reduced to match current demand.
- Weekday New Route 23 – maintain 60-minute frequency(*frequency was reduced from every 30 mins In November due to contingency*)
- School Trippers are planned but not operating until schools re-open.
- Minor schedule adjustments on Routes 5, 6, 7, 11, 15 & 21 **to improve on-time performance** and connections between high ridership routes.

# GCTD Emergency Generator



- GCTD Emergency Generator can power the entire facility (Including CNG station), for up to 3 days continuously, before needing to be refueled.
- Generator sits atop a 5500-gallon diesel fuel tank.
- Generator is powered by a Cummins V-12 twin turbo diesel engine.
- Generator starts and shuts down automatically in power outage situations.
- Every Wednesday the generator starts for 10 minutes.



# GCTD Storm Water Pollution Prevention Plan



- GCTD is required to sample storm water run-off 4 times a year.
- GCTD took our first storm water samples of this fiscal year 12/27/20.
- Water run-off is filtered through the man-made aquifer.
- Water samples are retrieved by GCTD staff at two locations no more than 4 hours after a storm event has begun.

- Zero-Emission Rollout Plan (RFP Going Out)
- Strategic ZEB Planning (Input from Board)
- TAM Plan update (Transit Asset Management)
- Facility cost savings

# QUESTIONS?