

TAM Target Setting and Coordination

2019 FTA Bus Transit Asset Management Roundtable | September 4, 2019

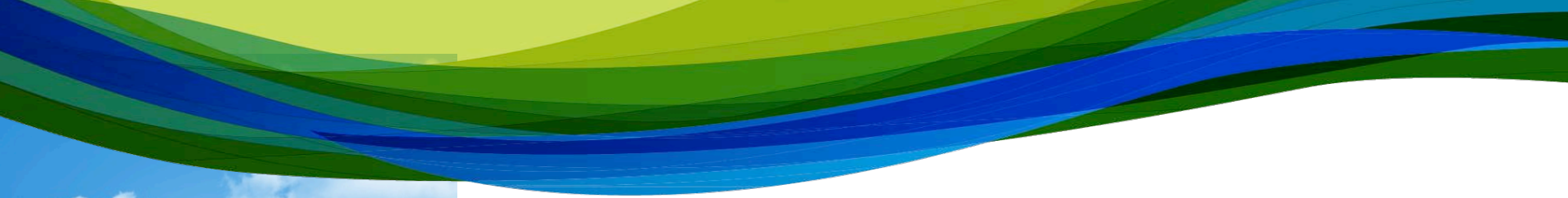


Foothill Transit

About Foothill Transit

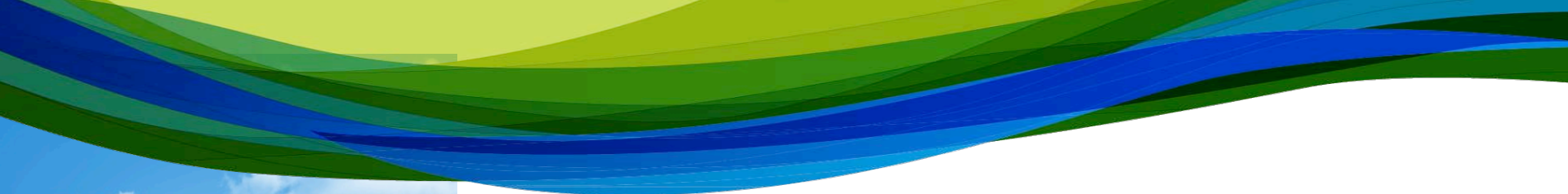
- San Gabriel and Pomona Valleys (Eastern Los Angeles County)
- 327 sq. mile service area, 1.2m service area pop.
- Boardings: 12.5m/year; 40,700/day
- 30 local and 6 express routes
- 340 CNG buses, 33 electric buses
- Innovation is part of our core mission





Transit Asset Management (TAM) Target Setting

- Annually for each asset class
- Supported by current condition assessment and financial projections
 - Buses
 - Non-Revenue Support Vehicles
 - Administration Facility
 - Operations and Maintenance Facilities
 - Park & Ride Facilities
 - Equipment
- Ongoing monitoring – Monthly assessments



TAM TARGET SETTING – Rolling Stock

- $SGR\ Score = 3(AMBMSI) + 2(\text{Vehicle Age}) + 0.5(\text{Vehicle Life Miles})$

Score	Average Miles Between Mechanical Service Interruptions
1	39,000+
2	29,000 - 38,999
3	19,000 - 28,999
4	9,000 - 18,999
5	1 - 8,999

Score	Mileage
5	500,000+
4	400,000- 499,999
3	300,000 - 399,999
2	200,000 - 129,999
1	0 - 199,999

TAM TARGET SETTING – Facilities and Equipment

- $\text{SGR Score} = (\text{TERM* Score}) \times (\text{Useful Life Remaining}) + \text{TERM Score}$



* Transit Economic Requirements Model (TERM)

Coordination and Collaboration

- Targets submitted to Southern California Association of Governments (SCAG)
- Currently being evaluated
- Spreadsheets distributed to all transit operators in SCAG region
 - Six counties and 191 cities to be integrated
 - Foothill Transit participating within Los Angeles County
- TAM Database Pilot Project (Cambridge Systematics) underway to consolidate targets as a region
 - Foothill Transit included in pilot project

SCAG Region Pilot Transit Operators – TAM Database

- 11 operators are selected to pilot the software
- Data that are collected includes:
 - Asset Inventory Data
 - Asset Performance Data
 - Prioritized Investments (Capital Projects)
- LA Metro
- AVTA
- Foothill Transit
- LADOT
- Santa Clarita Transit
- Culver City Transit
- Access Services
- OCTA
- RTA
- Omnitrans
- Metrolink

John Xie

Revenue Manager

100 South Vincent Avenue, Suite 200

West Covina, CA 91790

jxie@foothilltransit.org

626.931.7261



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