

NOTICE OF REGULAR MEETING

Pursuant to Section 54954.2 of the Government Code of the State of California, a Regular meeting of the **TRANSPORTATION ADVISORY COMMISSION** is hereby called for:

Date/Time: Thursday, April 13, 2023, 7:00 p.m.
(or as soon thereafter as possible)

Location: Tracy Transit Station, Room 103
50 East 6th Street, Tracy

Government Code Section 54954.3 states that every public meeting shall provide an opportunity for the public to address the Commission on any item, before or during consideration of the item, however, no action shall be taken on any item not on the agenda.

MEETING AGENDA

1. Call to Order
2. Roll Call
3. Items from the Audience – *In accordance with Council Meeting Protocols and Rules of Procedure, adopted by Resolution 2019-240, a five-minute maximum time limit per speaker will apply to all individuals speaking during “Items from the Audience/Public Comment”. For non-agendized items, Commissioners may briefly respond to statements made or questions posed by individuals during public comment; ask questions for clarification; direct the individual to the appropriate staff member; or request that the matter be placed on a future agenda or that staff provide additional information to the Commission.*
4. Approval of Minutes from the Special Meeting on March 23, 2023.
5. New Business
 - a. Review and Provide Input on Draft Zero-Emission Bus Rollout Plan
 - b. Receive an Update on the 2023 International Aerobatics Competition Held at Tracy Municipal Airport
 - c. Review and Provide Updates on Commission Goals and Objectives for FY22/23
6. Items from the Commission
7. Items from Staff
 - a. Airport Projects Update
 - b. Transit Ridership and Performance Update
 - c. Bikeways Update
8. Adjournment

POSTED: April 10, 2023

The City of Tracy complies with the Americans with Disabilities Act and makes all reasonable accommodations for the disabled to participate in public meetings. Persons requiring assistance or auxiliary aids in order to participate should call City Hall at (209) 831-6000 at least 24 hours prior to the meeting.

Any materials distributed to the majority of the Transportation Advisory Commission regarding any item on this agenda will be made available for public inspection at City Hall located at 333 Civic Center Plaza, Tracy, during normal business hours.

MARCH 23, 2023

1. **CALL TO ORDER:** Commissioner Cooper called the meeting to order at 7:00 p.m.
2. **ROLL CALL:**
 - a. **Present:** Gary Cooper, Sharanjit Dhillon, Maurice Francis, Tim Silva
 - b. **Absent:** Rajpal Dhillon
 - c. **Staff Present:** Adriana Castaneda, Director of Housing and Mobility; Ed Lovell, Transit Manager; Diana Silveira, Executive Assistant; Brandi Reybol, Transit Coordinator; Jayne Pramod, Transit Coordinator.
 - d. **Recorded By:** Jayne Pramod, Transit Coordinator.
3. **ITEMS FROM THE AUDIENCE:** None
4. **APPROVAL OF MEETING MINUTES OF FEBRUARY 9, 2023**
 - a) **Motion to Approve:** Commissioner Silva
 - b) **Second:** Commissioner S. Dhillon
 - c) **Abstain:** Commissioner Francis
 - d) **Vote:** Approved by vote
5. **NEW BUSINESS:**

Introduction of the Housing and Mobility Department Director: Ed Lovell, Transit Manager, introduced Adriana Castaneda to the Commission. Ms. Castaneda described her new role as the Director of the Housing and Mobility Dept. and shared her career experiences, projects, and achievements that qualify her for this new position. Also addressed the opportunity to work with the Commission at various levels.

- a. **Recommend Approval of Changes to the Tracer Bus Service Effective July 1, 2023:**

Ed Lovell, Transit Manager, presented a draft of the potential changes to the TRACER bus service on new additions to Fixed Route Service, Commuter route, Ace Shuttle, South Tracy, and Arbor Shuttle services. Reduction of Fixed route and Paratransit weekday service hours and increase to the TRACER Plus weekday service hours to meet the rider's demands and implement a 31-Day Pass to replace the Weekly Pass. Staff addressed Commissions questions on the proposed changes, service demand, fleet availability to accommodate the service increase, ADA accessibility, bike racks on the buses, the new Tracer 31-Day Pass, and marketing.

Alvin Vaugh, Tracy, provided a copy of Northern California Transit Agencies Monthly Pass Fares and suggested TRACER provide a reduced fare for the 31-Day Pass comparable to neighboring transit agencies. Dotty Nygard, Tracy, suggested a survey to identify students' use of bikes on public buses.

Commissioner Silva's suggestion to approve the potential Changes to Tracer Bus Service, with an amendment to reduce the 31-Day Pass fare to \$35, was motioned by Commissioner S. Dhillon, seconded by Commissioner Silva, and passed by unanimous vote.

6. **ITEMS FROM THE COMMISSION:**

Commissioner Silva: Requested staff to provide information at the next meeting about the Airport Aerobatic Show and the Engineering Div. to provide updates on the Corral Hollow/ Valpico Road Construction project in May.

Commissioner Francis: Requested a status on the Corral Hollow/ Valpico Road Construction delays due to inclement weather.

7. ITEMS FROM THE AUDIENCE:

Dotty Nygard, Tracy, recommended using Measure K and Cannabis funding for transportation projects. She provided information on the Tracy Earth Day event on April 29th and expected vendors, agencies, and groups to participate.

8. ADJOURNMENT TO NEXT REGULAR MEETING ON APRIL 13, 2023

- a. Motion to Adjourn:** Commissioner Silva
- b. Second:** Commissioner S.Dhillon
- c. Vote:** Approved by unanimous vote
- d. Time:** 7:50 p.m.

The above agenda was posted at Tracy City Hall on March 17, 2023. The above are action minutes. A full recording of the meeting is available by contacting the City Clerk's Office.

Ed Lovell, Staff Liaison

CITY OF TRACY
TRANSPORTATION ADVISORY COMMISSION MEETING
April 13, 2023

AGENDA ITEM 5.a.

REQUEST

REVIEW AND PROVIDE INPUT ON DRAFT ZERO-EMISSION BUS ROLLOUT PLAN

DISCUSSION

The California Air Resources Board (CARB) oversees the Innovative Clean Transit (ICT) regulation which became effective October 1, 2019 and requires all public transit agencies to gradually transition their bus fleets to zero-emission technologies. The ICT regulation applies to all transit agencies that own, operate, or lease buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. It covers standard, articulated, over-the-road, double decker, and cutaway buses. The ICT regulation requires a percentage of new bus purchases to be zero-emission buses (ZEBs). The ZEB percentage increases gradually with time. The ZEB purchase requirements begin in 2023 and 2026 for large and small transit agencies, respectively. Beginning in 2029, 100 percent of all transit agencies' new bus purchases must be ZEBs, with a goal of complete transition to ZEBs (all buses in each transit agency's fleet to be ZEBs) by 2040.

The ICT regulation requires each transit agency to complete a Zero-Emission Bus Rollout Plan (Rollout Plan) before ZEB purchase requirements become effective. The Rollout Plan should be a living document to serve as an implementation guide of zero-emission bus fleets and assist transit agencies work through many of the potential challenges and explore solutions. This plan provides estimated timelines for bus purchases, infrastructure upgrades, and workforce training. Once the Rollout Plan is submitted and approved by CARB, the City may update the Rollout Plan as it deems necessary. It is recommended, but not required, that updates be resubmitted to CARB.

The Rollout Plan must include information for, and address the following nine sections:

- Section A: Transit Agency Information
- Section B: Rollout Plan General Information
- Section C: Technology Portfolio
- Section D: Current Bus Fleet Composition and Future Bus Purchases
- Section E: Facilities and Infrastructure Modifications
- Section F: Providing Service in Disadvantaged Communities
- Section G: Workforce Training
- Section H: Potential Funding Sources
- Section I: Start-up and Scale-up Challenges

The Rollout Plan must be approved by City Council before submission to CARB. Staff is requesting that any feedback be provided to the draft Rollout Plan prior to presenting this item to City Council for approval tentatively scheduled for the May 16th, 2023 meeting.

FISCAL IMPACT

There is no fiscal impact to the General Fund or Transit Fund for this item at this time.

RECOMMENDATION

That the Commission review and provide input on the draft Zero-Emission Bus Rollout Plan.

ATTACHMENT

Exhibit A – Draft Zero-Emission Bus Rollout Plan



Zero-Emission Bus Rollout Plan

Adopted May 2023



SECTION A. TRANSIT AGENCY INFORMATION

City of Tracy
333 Civic Center Plaza
Tracy, CA 95376

Air District: San Joaquin Valley Air Pollution Control District

Total Number of Buses in Annual Maximum Service: 9

Contact Information:

Ed Lovell
Transit Manager
209-831-6204
ed.lovell@cityoftracy.org

Joint Group: The City of Tracy is not part of a Joint Group.

SECTION B. ROLLOUT PLAN GENERAL INFORMATION

The City of Tracy has a goal to fully transition to zero-emission buses (ZEB) by 2040 without the need for early retirement of conventional transit buses. The City is currently working on developing a new Maintenance and Storage facility which will provide the necessary infrastructure to meet the fueling needs of the ZEBs.

This plan was prepared by City staff. A copy of the board approved resolution was approved **May 16, 2023** and is attached in Appendix A.

For any additional information regarding the Rollout Plan, please contact:

Ed Lovell
Transit Manager, City of Tracy
ed.lovell@cityoftracy.org
209-831-6204

SECTION C. TECHNOLOGY PORTFOLIO

Types of zero-emission technologies to be deployed through 2040

There are currently two commercially viable ZEB technologies available to transit agencies: hydrogen fuel cell electric buses (FCEB) and battery-electric buses (BEB). The City of Tracy intends to use a hybrid of these technologies with the use of FCEB for the larger fixed route vehicles and BEB for the smaller cutaway buses that do not fall under the requirements of the ICT Regulation. Replacement of the heavy-duty buses will begin in 2031, while the replacement of the smaller cutaway vehicles will begin as early as 2029. It is anticipated that the City's new Transit Maintenance and Storage Facility will be constructed by the time that the bus replacements are scheduled which will include as part of the construction, a hydrogen fueling station as well as options for electric charging of the smaller transit vehicles. There are currently no options for FCEB for smaller cutaways vehicles. Future changes in technology availability may affect the course the City decides to take regarding the type of fueling for its smaller transit vehicles.

SECTION D. CURRENT BUS FLEET COMPOSITION AND FUTURE PURCHASES

Existing Bus Fleet

The City of Tracy currently has 17 vehicles in its fleet. Of those vehicles, only 11 meet the weight requirements for implementation of the ICT Regulation. While not all vehicles fall under the ICT Regulation requirements, the City of Tracy intends to make a conversion of all its fleet to zero-emission vehicles.

Table 1: Individual Bus Information of Current Bus Fleet

Number of Buses	Engine Model Year	Bus Model Year	Fuel Type	Bus Type
5	2017	2017	Diesel	Heavy Duty Low-Floor
4	2020	2021	Diesel	Heavy Duty Low-Floor
2	2021	2021	Gasoline	Low-Floor Cutaway
4	2020	2020	Gasoline	Cutaway (<14,000 lbs)
2	2020	2020	Gasoline	Transit Van (<14,000 lbs)

Table 2: Future Bus Purchases

Timeline	Total Number of Buses to Purchase	Number of ZEB Purchases	% of Annual ZEB Purchases	ZEB Bus Type	ZEB Fuel Type	Number of Conventional Bus Purchases	% of Annual Conventional Bus Purchases	Type(s) of Conventional Buses	Fuel Type(s) of Conventional Buses
2024	3	0	0%	N/A	N/A	3	100%	Heavy Duty Low-Floor/ Low-Floor Cutaway	Diesel/ Gasoline
2025	3	0	0%	N/A	N/A	3	100%	Heavy Duty Low-Floor/ Low-Floor Cutaway	Diesel/ Gasoline
2029	6	6	100%	Cutaway	BEB	0	0%	N/A	N/A
2031	5	5	100%	Heavy Duty Low-Floor	FCEB	0	0%	N/A	N/A
2032	2	2	100%	Low-Floor Cutaway	FCEB or BEB	0	0%	N/A	N/A
2035	4	4	100%	Heavy Duty Low-Floor	FCEB	0	0%	N/A	N/A
2038	3	3	100%	Heavy Duty Low-Floor	FCEB	0	0%	N/A	N/A
2039	3	3	100%	Heavy Duty Low-Floor	FCEB	0	0%	N/A	N/A

Schedule of Converting Conventional Buses to Zero-Emission Buses

The City of Tracy is not considering converting any of the conventional buses in service to ZEB. As existing conventional buses are due for replacement, they will be replaced with ZEBs. All of the current fleet meeting the requirements of ZEB transition are scheduled to be replaced before the zero-emission transition deadline of 2040.

SECTION E. FACILITIES AND INFRASTRUCTURE MODIFICATIONS

The City of Tracy currently owns and operates service out of the Tracy Transit Station. This is a passenger and operational facility and it is not anticipated to be modified to allow for fueling of vehicles. The City anticipates constructing a new Maintenance and Storage Facility which will provide the necessary infrastructure to fuel the zero-emission vehicles.

Table 3: Facilities Information and Construction Timeline

Facility Name	Address	Main Function	Type of Infrastructure	Service Capacity	Needs Upgrade?	Estimated Construction Timeline
Tracy Transit Station	50 E. 6 th Street, Tracy, CA	Passenger Facility/Operations	N/A	N/A	No	N/A
Tracer Maintenance and Storage Facility	TBD, Tracy, CA	Bus Maintenance, Storage, Fueling, Operations	Hydrogen fueling w/liquid storage	40 buses min.	No, New Construction	2023 – Land Purchase 2024-25 – Design 2026-2027 - Construction

The future Maintenance and Storage Facility is being designed for the long term needs of the City of Tracy. The intent is to develop a facility that will have the ability to service at least 40 vehicles. The facility will also include the necessary infrastructure to fuel the ZEBs. At this time the City of Tracy is looking at utilizing hydrogen fueling technology for its larger fixed route buses. For the smaller buses, that do not meet the requirements of the ZEB roll-out plan, it is anticipated that electric charging infrastructure will be installed and utilized if hydrogen technology is not available for smaller buses when those vehicles are due for replacement.

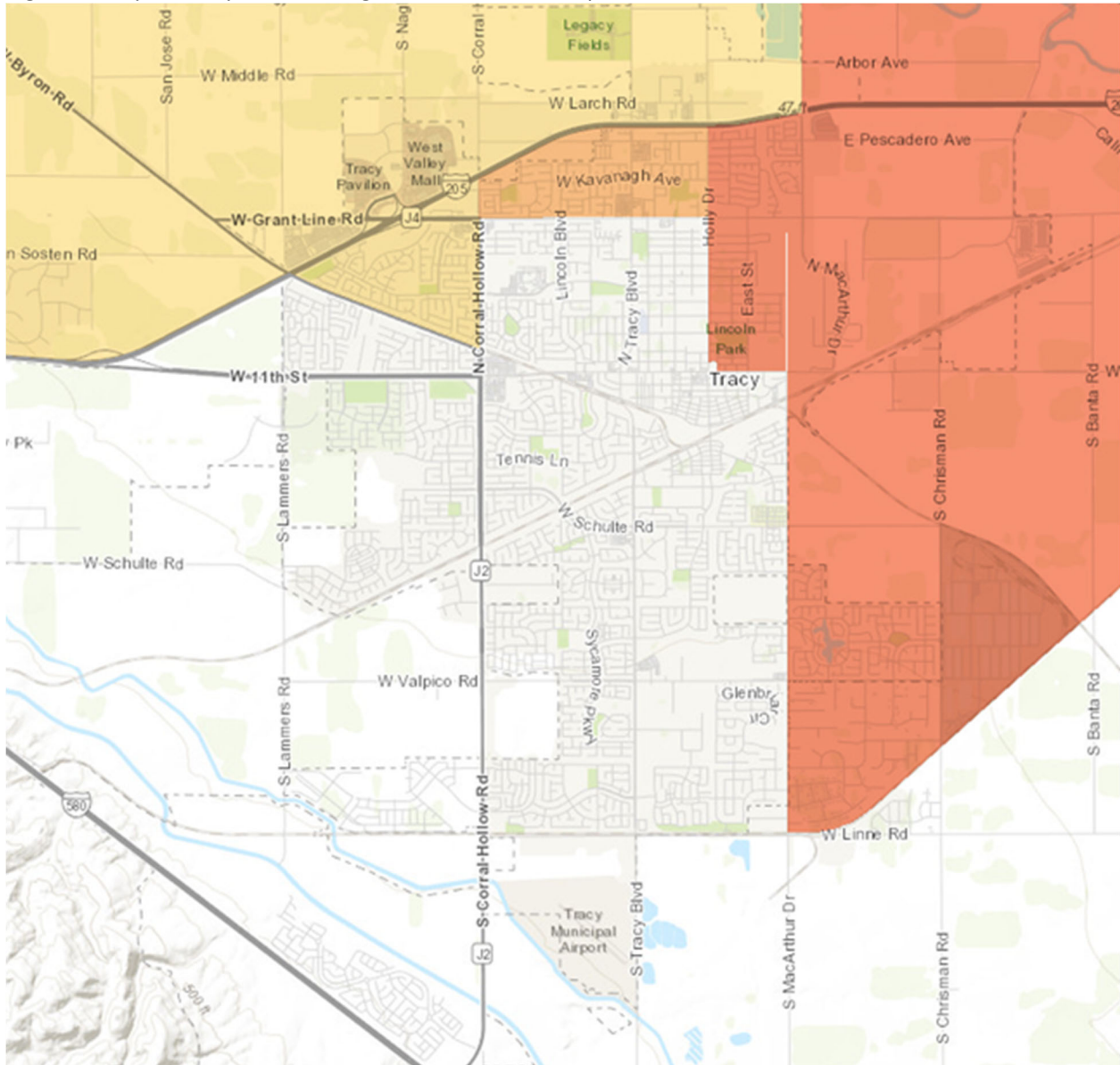
SECTION F. PROVIDING SERVICE IN DISADVANTAGED COMMUNITIES

According to the California Office of Environmental Health Hazard Assessment (OEHHA), disadvantaged communities are defined as the top 25% in terms of scoring in the CalEnviroScreen. CalEnviroScreen is a

tool that identifies communities that are most vulnerable to pollution by using environmental, health, and socioeconomic data to produce a score for every census tract within the state of California.

According to the OEHHA Disadvantage Communities map, there are disadvantaged communities within the City of Tracy, as shown in Figure 1 below. The Tracer Bus Service provides service throughout the City of Tracy, which includes the shown disadvantaged communities. As the transition to ZEB takes place, service to these areas will also be included using ZEBs that are purchased.

Figure 1: City of Tracy Disadvantaged Communities Map



SECTION G. WORKFORCE TRAINING

The City of Tracy is committed to ensuring that those who are operating and maintaining the zero-emission buses are educated on the proper aspects of the technology. The City intends to provide the necessary training on the vehicles by engaging in training efforts directly from the vehicle manufacturers ahead of the delivery of the first ZEBs.

SECTION H. POTENTIAL FUNDING SOURCES

The City of Tracy is a few years away from both purchasing zero-emissions buses as well as constructing the facility to support their maintenance and fueling. As such, there may be additional funding sources that are developed and can be utilized as we approach the timelines for purchases and construction. Based on the current timelines listed, the City anticipates utilizing the following funding sources in addition to others that may develop:

FTA Section 5339 Bus and Bus Facilities Program

FTA Section 5339(c) Low and No Emissions Bus Deployment Program

FTA Section 5307 Urbanized Area Program

Congestion Mitigation and Air Quality Improvement (CMAQ) Program

State of California Transportation Development Act

San Joaquin County Measure K Local Transportation Sales Tax

SECTION I. START-UP AND SCALE-UP CHALLENGES

Advanced technologies related to ZEB continue to evolve. It is difficult to know what may occur during the timeline for the City of Tracy to convert to ZEB. As such the City will continue to look for opportunities to further develop and refine its ZEB program.

Some immediate challenges that the City has identified are as follows:

- Availability of funding for both vehicle purchases and facility construction
- Availability of buses for purchase (there are currently long delay times to receive buses)
- Higher costs of ZEB (which will have an affect on the amount of funding needed to transition)
- The need to have a higher spare ratio to deal with potential performance issues, particularly with the smaller transit vehicles

CITY OF TRACY
TRANSPORTATION ADVISORY COMMISSION
April 13, 2023

AGENDA ITEM 5.b

REQUEST

**RECEIVE AN UPDATE ON THE 2023 INTERNATIONAL AEROBATICS COMPETITION
HELD AT TRACY MUNICIPAL AIRPORT**

DISCUSSION

The City of Tracy has agreed to host for the second consecutive year the viewing of the International Aerobatics Chapter Competition in conjunction with the International Aerobatics Chapter #38 (IAC #38) at the Tracy Municipal Airport and has subsequently submitted a completed application to Parks and Recreation Special Events for approval. The contest will consist of an official practice day on June 1, 2023, and two days of aerobatic competition flying on June 2-3, 2023. All flying will be organized by IAC #38 and conducted according to the rules of the International Aerobatics Club and Federal Aviation Administration (FAA) regulations, subject to weather conditions.

In preparation for hosting this event, efforts are underway for site preparation, food/entertainment, security, and community marketing/outreach. Staff is focusing on having the entire American Legion Airport Park (Park) area accessible to the community to enjoy the event. All restrooms, three (3) located near the Park and one (1) located by the airport office will be open to the public and the contestants. These will be monitored throughout the day by staff. Barricades along taxiways will be in place to preserve the safety of the airport users and the community. Staff is seeking opportunities to provide this year an activity for children. The Transportation Advisory Commission's booth will be placed under the shade structure located approximately at the center of the Park, for visibility and a better opportunity to engage with the community to provide information about transportation within the City of Tracy.

Additionally, staff is planning the inclusion of potential food trucks at the contest as part of the entertainment component for those present at the competition. All food truck vendors must be approved by the City of Tracy and be in compliance with the Tracy Municipal Code prior to the competition. The plan is to place the potential food trucks strategically, both to ensure the highest foot traffic as well as be sheltered from any adverse weather. As a result of the success of last year's event, staff is working on security and an emergency action plan.

As part of the community outreach, during April 2023 thru May 2023, staff will attend the Downtown Farmer's Market on Saturdays, coordinate efforts to share the contest's information through the City's social media outlets, as well as identifying other modes of promoting the event, such as social media and flyer distribution at other locations/events. It is anticipated that a press release will be online and in Tracy Press by May 2023.

FISCAL IMPACT

The fiscal impact to the Airport Fund for this item at this time will be approximately \$1,300; in addition to staff time. The anticipated expense will be for the security present at the airport for the duration of the competition.

RECOMMENDED ACTION

That the Commission receive the update on the 2023 International Aerobatics Competition that will be held at Tracy Municipal Airport.

CITY OF TRACY
TRANSPORTATION ADVISORY COMMISSION MEETING
April 13, 2023

AGENDA ITEM 5.c.

REQUEST

**REVIEW AND PROVIDE UPDATES ON COMMISSION GOALS AND OBJECTIVES
FOR FY 2022/23**

DISCUSSION

At the September 8, 2022 regular Transportation Advisory Commission (TAC) meeting, the commission held discussion on their goals for the current fiscal year 2022/2023.

Below are the commission recommended goals for FY 22/23 with recommended timelines.

FY22/23 Transportation Commission Goals

	GOAL	TIMELINE	SUB-COMMITTEE
OUTREACH	Public Outreach at Farmer's Market	Each month in conjunction with the City booth	Assignments made each commission meeting Next Dates: May 20, 2023 June 17, 2023
	Public Outreach at Block Party Events	As scheduled in conjunction with the City booth	Assignments made each commission meeting Next Dates: May 5, 2023
	Participate in City Sponsored Airport events	October 29, 2022	All COMPLETE
	Participate in Other Appropriate Community Events	June 2023	All Next Event: Tracy Earth Day Event – April 29, 2023
TRANSIT	Provide Input on Short Range Transit Plan Implementation	April 2023 In Process	All
	Provide Fare Policy Recommendation to City Council	TBD	All

			PARTIALLY COMPLETE
AIRPORT	Provide Input on Updated Airport Master Plan	Oct/Nov 2022 TBD 2023	All
EDUCATION	Receive presentations on areas related to the purpose of the commission (funding, bus contractor, SJCOG, bike safety, etc)	Ongoing	

In order to successfully complete each of these goals, the commissioners will form ad-hoc subcommittees to address each of these items by the timeline specified. It is suggested that each committee be comprised of no more than 2 commissioners.

FISCAL IMPACT

There is no fiscal impact to the General Fund, Transportation Fund or Airport Fund for this item at this time.

RECOMMENDATION

That the Commission provide updates on the commission goals and objectives for FY 2022/23.

CITY OF TRACY
TRANSPORTATION ADVISORY COMMISSION MEETING
April 13, 2023

AGENDA ITEM 7

Staff Items

Annual Commission Items:

- Election of Chair/Vice-Chair (June)
- Commission Goals Update (June/July)
- Unmet Transit Needs (October/November)
- CIP Review (November/December)

Airport Update

By Paula Jessup

Airport Improvement Items:

Project	Current Status	Next Steps
FAA Compliance Review	Meeting with FAA to discuss compliance findings.	Follow up meeting with FAA.
Tracy Airport Master Plan	Staff reviewing current draft.	Incorporate FAA Compliance Review recommendations. Draw ALP.

Transit Update

By Jayne Pramod

Transit Projects Update:

Project	Current Status	Next Steps
Transit Station Lobby Renovation	Construction began on 3/7/22. Final punchlist being completed.	Completion of final punchlist. Estimated final completion Mar 2023. Acceptance by City Council Apr 2023. Estimated open to the public Apr/May 2023.

TRACER Ridership: A year-to-date comparison of current ridership compared to the same period in the previous year is shown below. Fixed route ridership is up 5,998 riders compared to the year-to-date ridership in February FY 21/22, an increase of approximately 10%. Paratransit ridership is up 2,797 riders compared to the same time in February FY 21/22, an increase of

approximately 40%. Overall the Tracer system ridership has increased by 8,795 riders over the same period last year, an overall increase of approximately 13%

February Year To Date Ridership Comparison

	FY 21/22	FY 22/23
Fixed Route Ridership		
Regular	9,779	11,301
Student (Students Ride Free Promo effective FY20/21)	2,611	0
Senior	4,080	5,821
Disabled	953	965
Free (Personal Care Attendant, ACCESS Pass)	1,961	1,412
Promo Passengers	23,953	37,499
<i>Promo Regular</i>	3,622	5,952
<i>Promo Student</i>	16,442	28,067
<i>Promo Senior</i>	1,812	2,305
<i>Promo ADA</i>	708	708
<i>Promo Free</i>	1,369	467
Passengers w/tickets	15,662	7,697
Passengers w/transfers	980	1,282
Total	59,979	65,977
Paratransit Ridership		
Regular (Guest)	289	234
Senior	1,007	895
Disabled	5,362	7,740
Free	309	895
Total	6,967	9,764
All Systems Ridership	66,946	75,741

Fixed Route On-Time Performance FY22/23:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A Route				93%	94%	91%	88%	94%				
B Route				80%	88%	88%	86%	77%				
C Route				83%	92%	90%	76%	83%				
D Route				77%	77%	83%	83%	77%				
E Route				80%	82%	84%	81%	86%				
F Route				94%	87%	89%	88%	94%				
G Route				83%	80%	89%	87%	96%				
Arbor Shuttle				NA	66%	60%	68%	68%				
OVERALL				84%	83%	87%	84%	84%				