

SOUTH CENTRAL TRANSIT AUTHORITY
FY 2024 TRANSIT ASSET MANAGEMENT PLAN
PERFORMANCE MEASURE TARGETS
(June 30, 2024)

Background

In 2021 SCTA’s updated Transit Asset Management Plan (TAMP) was adopted by the SCTA Board at its July 21, 2021 meeting. The MPO’s for the Reading and Lancaster Urbanized Areas approved the updated TAMP at their respective meetings on September 16, 2021 and September 27, 2021. SCTA’s FY 2022 Performance Measure Targets were also considered and approved by the SCTA Board and the MPO’s at the same meetings along with the updated TAMP.

The TAMP was updated in accordance with the Moving Ahead for Progress in the 21st Century Act (MAP-21) and FTA guidelines. The goal of the TAMP is for SCTA to reach and maintain a state of good repair for all of its capital assets through a Performance Based Planning and Programming process. The adopted TAMP outlines the performance measures, targets, and implementation strategies SCTA will use to maintain their transit system assets. In addition, the TAMP outlines the Authority’s performance philosophy and policy, and covers performance management related to vehicles, facilities and equipment used by SCTA in providing service.

The TAM process requires SCTA to annually set performance measure targets and report performance against those targets for three Asset Classes. The Asset Classes and the performance measure for each Asset Class are:

- Rolling Stock – Percentage of revenue vehicles within a particular vehicle asset class past their Useful Life Benchmark (ULB) (age only).
- Facilities – Percentage of facilities that are below a 3 on the FTA’s Transit Economic Recovery Model (TERM) Scale. The TERM Scale is used to describe the condition of an asset: 5.0—Excellent, 4.0—Good, 3.0—Adequate, 2.0—Marginal and 1.0—Poor.
- Equipment – Percentage of non-revenue service and maintenance vehicles and equipment with a value of \$50,000 or more past their ULB (age only).

SCTA’s Performance Measure Targets are authority-wide and reflect consideration of Rolling Stock, Facilities and Equipment supporting its Lancaster (RRTA) and Reading (BARTA) operations. It was decided to prepare authority-wide targets, since SCTA is required to report its National Transit Data (NTD) information as SCTA with the RRTA and BARTA operating data combined.

SCTA presents its Performance Measure Targets for Rolling Stock in three separate groups: Fixed Route Buses/Directly Operated, Shared Ride Vehicles/Directly Operated and Shared Ride Vehicles/Purchased Transportation.

FY 2024 and Proposed FY 2025 Performance Measure Targets

Annually, Performance Measure Targets are developed for the Asset Classes listed below. The table below compares the FY 2024 Performance Measure Targets and the FY 2024 Actual

Measurements with the proposed FY 2025 Performance Measure Targets. The expectation is that by achieving the FY 2025 Performance Measure Targets SCTA will reach and maintain a state of good repair for the Asset Class identified. Please note that a lower Performance Measure Target equals a better State of Good Repair (SOGR).

| ASSET CLASS | FY 2024 PERFORMANCE MEASURE TARGETS | FY 2024 ACTUAL MEASUREMENT | PROPOSED FY 2025 PERFORMANCE MEASURE TARGETS |
|---|--|---|---|
| Fixed Route Buses/ Directly Operated | 0% past Useful Life Benchmark of 12 years | 0% past Useful Life Benchmark of 12 years | 0% past Useful Life Benchmark of 12 years |
| Shared Ride Vehicles/ Directly Operated | 0% past Useful Life Benchmark of 5 years | 0% past Useful Life Benchmark of 5 years | 0% past Useful Life Benchmark of 5 years |
| Shared Ride Vehicles/ Purchased Transportation | 0% past Useful Life Benchmark of 5 years | 0% past Useful Life Benchmark of 5 years | 0% past Useful Life Benchmark of 5 years |
| Facilities | 0% below 3 on the TERM Scale | 0% below 3 on the TERM Scale | 0% below 3 on the TERM Scale |
| Equipment | 18% past Useful Life Benchmark | 14% past Useful Life | 14% past Useful Life Benchmark |

Projected FY 2024 Performance Measure Targets Project Information

Fixed Route Buses and Shared Ride Vehicles

The Performance Measure Target for vehicles is based on the percentage of vehicles meeting or exceeding the Useful Life Benchmark (ULB). The ULB used by SCTA is 12 years or 500,000 miles for fixed route buses and 5 years or 150,000 miles for shared ride vehicles. As part of its analysis, SCTA calculates the average age of its fleet and the number of vehicles in its fleet that exceed the ULB.

As of June 30, 2024, the average age of the Fixed Route Bus fleet was 6.0 years, the average age of the Shared Ride fleet Directly Operated was 2.6 years, and the average age of the shared ride fleet contracted with the private operator was 2.8 years. The average vehicle ages reported were achieved with the delivery of one (1) fixed route bus for the Reading operations in 2023, and one (1) fixed route bus for Lancaster in 2022. The delivery of twelve (12) shared ride vehicle in 2024 for the Directly Operated Shared Ride operation; and the delivery of twenty (20) shared ride vehicles in 2023 for the Purchased Transportation Shared Ride operation. This investment in Fixed Route Buses and Shared Ride Vehicles/Purchased Transportation over the last year resulted in SCTA achieving a 0 % Measurement of its FY 2024 Performance Measure Target.

SCTA operates a fleet of 92 fixed route buses; 42 buses in Lancaster/RRTA and 50 buses in Reading/BARTA. SCTA has in place a program providing for programming funds on an annual

basis for the purchase of replacement vehicles. This program results in a Performance Measure Target of 0% for Fixed Routes Buses in FY 2025. This Target will be achieved with the delivery of three (3) replacement bus to Lancaster in 2025 and zero (0) replacement buses to Reading in 2025.

Funding is also programmed on an annual basis for the purchase of shared ride vehicles. SCTA directly operates a fleet of 40 shared ride vehicles as part of its BARTA Special Services division. The FY 2025 Performance Measure Target for Shared Ride Vehicles/Directly Operated is 0%. This Performance Measure Target will be achieved with the delivery of eleven (11) vehicles in 2024 to replace 2018 model vehicles. The production and scheduled delivery of these vehicles may be impacted by the overall supply chain issues being experienced in the economy.

SCTA leases 80 shared ride vehicles to a third party contractor who operates the Red Rose Access service in Lancaster County and supplemental shared ride service in Berks County. The FY 2024 Performance Measure Target for Shared Ride Vehicles/Purchased Transportation is 0%. This Performance Measure Target will be achieved with the delivery of fifteen (15) vehicles in 2024 to replace 2018 model vehicles. The production and scheduled delivery of these vehicles may be impacted by the overall supply chain issues being experienced in the economy.

Facilities

SCTA manages seven (7) facilities between its Lancaster and Reading operations. The seven (7) facilities include the Lancaster Operations Center & Maintenance Facility, Queen Street Station, Queen Street Station Parking Garage, Reading Operations Center & Maintenance Facility, BARTA Transportation Center, BARTA Park-'n-Transit Facility and Franklin Street Station. Regular inspections of the facilities and their operating systems are performed. An overall condition assessment is performed on an annual basis. Based on this condition assessment each facility is ranked on the 5-point TERM scale.

SCTA's facilities are in relatively good shape based on past renovations and improvements completed over the last several years. For example, in 2023 SCTA completed upgrades to its parking structures with the replacement of entrance & Exit gates and the Pay on Foot machines at the Queen Street Station Parking Garage in Lancaster and upgrading the solar panels on the Erick Road bus barn and Operations building to improve efficiency. The Diesel fuel tanks were replaced at the Reading Operations Center and the Lancaster Operations center. The Queen Street Station is currently in process of a renovation which began in July 2024. This renovation includes updated public rest rooms, new customer seating and updated flooring and wall covering, as well as a new driver break room.

The BARTA Transportation Center (BTC) had upgrades to the HVAC and fire alarm system in the spring of 2021, Also completed waterproofing the bus lane area at the BTC in 2021, which also included work in the parking garage underneath. Additional work completed at the BTC included an upgrade to the lighting and sprinkler improvements. The Berks Transit Center is currently in the process of a complete renovation to the building, including new flooring, lighting, seating, and a new ADA window for service. The sidewalk at the Reading Operations Center along 11th Street and Exeter Streets was also replaced. This investment in facilities over

the last few years and the current work being done, resulted in SCTA achieving its FY 2024 Performance Measure Target of having no facility ranked below a 3 on the TERM scale.

The completed capital investment described above, the planned capital investment in infrastructure and operating systems in FY 2024 and the on-going maintenance of the facilities results in a FY 2025 Performance Target of 0% since no facility is ranked below a 3 on the TERM scale. Two of the major capital projects advancing in FY 2024 is the renovation of the Queen Street Station, and Queen Street Parking Garage Improvements in Lancaster, which is currently underway, and the renovation of the Berks Transit Center (BTC), and Improvements to the BTC Parking Garage and the Operations Center on 11th Street in Reading, which is planned to begin in September 2024.

Equipment

The SCTA Transit Asset Management Plan Equipment Listing includes twelve (12) pieces of equipment that have a value of \$50,000 or more.

SCTA achieved its FY 2024 Performance Target for Equipment based on the investments made in the past few years and consideration of the condition assessment of each piece of equipment. Recently the bus wash system in the Reading Maintenance Facility was replaced with new bus wash system and four (4) floor scrubbers were purchased for Reading an additional in-ground bus lift was installed in the Lancaster Maintenance Facility in FY 22 as well as the purchase of tow(2) floor sweepers and the Lancaster Bus Wash was refurbished which extended its useful life. The Lancaster Radio Tower was inspected and considered structurally sound. Based on this inspection, it was determined the Tower could be strengthened to allow for the co-location of additional antennae. This work extended the useful life of the Tower.

A condition assessment of the equipment is also performed. Based on this assessment, no piece of equipment has a ranking under a 3 on the TERM scale.

The FY 2025 Performance Target is 14% based on one piece of equipment, which is snow blowers leased to and maintained by the City of Lancaster; the snow blowers rank as a 3 on the TERM scale.

It is important to note there is a significant amount of equipment used and maintained by SCTA below the \$50,000 threshold. SCTA evaluates all equipment and records the condition rating in the PennDOT Capital Planning Tool. The condition and useful life information maintained in the Capital Planning Tool and SCTA's Asset Inventory are resources used on an annual basis to identify equipment that needs to be replaced in order to maintain a State of Good Repair and funding is included in its capital budget for the purchase of replacement equipment.