

APPENDIX D PERFORMANCE MEASURES AND STATEWIDE TARGETS

PERFORMANCE MEASURE 1: SAFETY TARGETS

| Measure (5-year Averages) | 2018 Baseline Statewide 5-year rolling avg. | Statewide Targets for 2020* |
|--|---|-----------------------------|
| Number of Fatalities | 531.8 | 443.2 |
| Rate of Fatalities | 0.879 | 0.732 |
| Number of Serious Injuries | 2154.6 | 1795.5 |
| Rate of Serious Injuries | 3.562 | 2.968 |
| Number of Fatalities & Serious Injuries for Non-Motorized transportation | 559.8 | 466.5 |

*The SRTC Board supported using statewide safety targets on May 9, 2019 (2022 targets are currently under development)

PERFORMANCE MEASURE 2: BRIDGE AND PAVEMENT TARGETS

| Bridge Condition-Statewide | Baseline Data | 2-year Target (2020) | 4-year Target (2022) |
|--|---------------|----------------------|----------------------|
| Percent of NHS Bridges in good condition (weighted by deck area) | 32.8% | 30% | 30% |
| Percent of NHS Bridges in poor condition (weighted by deck area) | 7.8% | 10% | 10% |

*Supported by the SRTC Board on November 8, 2018

| Pavement Condition-Statewide | Baseline Data | 2-year Target (2020) | 4-year Target (2022) |
|---|---------------|----------------------|----------------------|
| Percent of Interstate pavement on the NHS in good condition | 32.5% | N/A | 30% |
| Percent of Interstate pavement on the NHS in poor condition | 3.6% | N/A | 4% |
| Percent of Non-Interstate pavement on the NHS in good condition | 18% | 45% | 18% |
| Percent of Non-Interstate pavement on the NHS in poor condition | 5% | 21% | 5% |

*Supported by the SRTC Board on November 8, 2018

PERFORMANCE MEASURE 3: SYSTEM PERFORMANCE, FREIGHT AND CMAQ TARGETS

| Highway System Performance (congestion) | Baseline Data | 2-year Target (2020) | 4-year Target (2022) |
|---|----------------|----------------------|----------------------|
| Percent of person-miles traveled on the Interstate System that are reliable | 73% | 70% | 68% |
| Percent of person-miles traveled on the Non-Interstate System that are reliable | 77% | N/A | 61% |
| Truck Travel Time Reliability (TTTR) index | 1.63 | 1.70 | 1.75 |
| Carbon Monoxide (CO kg/day) | 313.160 | 309.000 | 309.060 |
| Particulate Matter less than 10 microns PM10 (kg/day) | 435.690 | 0.305 | 224.000 |

**Supported by the SRTC Board on November 8, 2018*

OTHER PERFORMANCE MEASURES: PUBLIC TRANSIT TARGETS ASSET MANAGEMENT

| Asset Category | Asset Class | Baseline Performance | STA Target & Proposed Regional Target |
|----------------|---|----------------------|---|
| Rolling Stock | Buses | 98% | Maintain the bus fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards |
| | Paratransit Vans | 99% | Maintain the paratransit van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards |
| | Rideshare Vans | 99% | Maintain the rideshare van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards |
| | Special Use Vans | 100% | Maintain the special use van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards |
| Equipment | Support of Non-Revenue Vehicles | 94% | Maintain the support or non-revenue fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards |
| Facilities | Administration, Maintenance, passenger and parking facilities | 100% | Maintain all facilities equal to or greater than 90% have a TERM condition rating of 3(adequate) or better |

**Supported by the SRTC Board on June 14, 2018*

OTHER PERFORMANCE MEASURES: STA PUBLIC TRANSIT SAFETY TARGETS

5.1.1. Safety Goals, Objectives, and Performance Targets

GOAL 1: SMS TO REDUCE CASUALTIES/OCCURRENCES

Using a safety management systems framework to identify safety hazards, mitigate risk and reduce casualties and occurrences resulting from transit operations to meet or exceed the acceptable level of safety performance.

FIXED ROUTE FATALITIES

| Objective | Metrics (KPIs) | Baseline | Target |
|---------------------------------|-------------------------------|----------|--------|
| Reduce the number of fatalities | Number of fatalities per year | 1 | 0 |

PARATRANSIT FATALITIES

| Objective | Metrics (KPIs) | Baseline | Target |
|---------------------------------|-------------------------------|----------|--------|
| Reduce the number of fatalities | Number of fatalities per year | 0 | 0 |

FIXED ROUTE PREVENTABLE VEHICLE ACCIDENT FREQUENCY RATE

| Objective | Metrics (KPIs) | Baseline | Target |
|--|---|----------|--------------|
| Reduce the frequency of preventable vehicle collisions | Number of preventable events per 10,000 miles | 0.6 | 0.08 or less |

PARATRANSIT PREVENTABLE VEHICLE ACCIDENT FREQUENCY RATE

| Objective | Metrics (KPIs) | Baseline | Target |
|--|---|----------|-------------|
| Reduce the frequency of preventable vehicle collisions | Number of preventable events per 10,000 miles | 0.13 | 0.1 or less |

FIXED ROUTE PREVENTABLE PASSENGER INJURY ACCIDENTS

| Objective | Metrics (KPIs) | Baseline | Target |
|--|---|----------|--------|
| Reduce the frequency of preventable passenger injuries | Number of preventable passenger injuries per year | 4 | 0 |

PARATRANSIT PREVENTABLE PASSENGER INJURY ACCIDENTS

| Objective | Metrics (KPIs) | Baseline | Target |
|--|---|----------|--------|
| Reduce the frequency of preventable passenger injuries | Number of preventable passenger injuries per year | 4 | 0 |

FIXED ROUTE SAFETY EVENTS

| Objective | Metrics (KPIs) | Baseline | Target |
|--------------------------------------|---------------------------------|----------|--------|
| Reduce the number of events per year | Total number of events per year | 316 | 310 |

PARATRANSIT SAFETY EVENTS

| Objective | Metrics (KPIs) | Baseline | Target |
|---|----------------------------------|----------|--------|
| Reduce the number of safety events per year | Number of safety events per year | 54 | 50 |

EMPLOYEE INJURY ACCIDENTS

| Objective | Metrics (KPIs) | Baseline | Target |
|---|--|----------|--------|
| Reduce the frequency of employee injuries | Number of employee injuries per 1000 hours | .05 | .07 |

EMPLOYEE INJURY SEVERITY

| Objective | Metrics (KPIs) | Baseline | Target |
|--|-------------------------------------|----------|--------|
| Reduce employee time loss due to injury or illness | Number of days lost per 1,000 hours | .03 | .04 |

FACILITY SAFETY INSPECTIONS

| Objective | Metrics (KPIs) | Baseline | Target |
|--|---|---------------|-------------------|
| Increase the assessment of facilities, equipment, and procedures to identify and mitigate any potential safety risks | Number of facility safety audits and inspections completed quarterly per year | 1 per quarter | Meet the baseline |

GOAL 2: SMS TO FOSTER A ROBUST SAFETY CULTURE

Foster Agency-wide support for transit safety by establishing a culture where managers are held

SAFETY TRAINING

| Objective | Metrics (KPIs) | Baseline | Target |
|---|---|----------------------|--------------------------------|
| Increase attendance at monthly safety meetings | Percent of employees who participate in the monthly safety meetings | Establishing in 2020 | Safety Committee Target = 100% |
| Annual Advanced Training completed by all Fixed Route, Paratransit, and Maintenance | Percentage of employees who complete Advanced training | 100% | 100% |

GOAL 3: SYSTEMS/EQUIPMENT

Provide safe and reliable transit operations by ensuring that all vehicles, equipment, and facilities are regularly inspected, maintained, and serviced as needed.

FIXED ROUTE ROAD CALLS

| Objective | Metrics (KPIs) | Baseline | Target |
|---|------------------------------------|-------------|-------------|
| Reduce the number of Fixed Route Road Calls | Number of miles between road calls | 6,722 miles | 7,500 miles |

PARATRANSIT ROAD CALLS

| Objective | Metrics (KPIs) | Baseline | Target |
|---|------------------------------------|--------------|--------------|
| Reduce the number of Paratransit Road Calls | Number of miles between road calls | 67,537 miles | 75,000 miles |

FACILITIES PREVENTIVE (SAFETY) INSPECTIONS & REPAIRS

| Objective | Metrics (KPIs) | Baseline | Target |
|---|--|--|--|
| Prioritize preventative safety-related maintenance or inspections | Safety-related PMs completed on schedule | 90% of all PM services completed on time | 80% of all PM services completed on time |

**Supported by the SRTC Board on March 11, 2021*

Appendix D was approved in March 11, 2021 as part of the 2021-2024 Transportation Improvement Program March Amendment.