

# Metropolitan Transportation Commission Programming and Allocations Committee

November 13, 2019

Agenda Item 2e

## Short Range Transit Plan Funding Request

**Subject:** Short Range Transit Plan (SRTP) funding recommendations for FY2019-20.

**Background:** MTC provides Federal Transit Administration Section 5303 funding to transit operators to support the development of SRTPs. These plans assist agencies with operations and capital planning in the interest of meeting federal planning requirements related to the Sustainable Communities Strategy/Regional Transportation Plan (SCS/RTP) and the Transportation Improvement Program (TIP).

For FY2019-20, staff recommends funding the seven largest operators in the region to produce SRTPs. The amounts recommended for each agency are listed in the table below.

Transit Operator	Funding		Total Contract Amount
	Section 5303 (88.53%)	Local Match (11.47%)	
AC Transit	\$ 45,387	\$ 5,880	\$ 51,267
BART	\$ 45,387	\$ 5,880	\$ 51,267
GGBHTD	\$ 45,387	\$ 5,880	\$ 51,267
SamTrans	\$ 45,387	\$ 5,880	\$ 51,267
PCJPB (Caltrain)	\$ 45,387	\$ 5,880	\$ 51,267
SFMTA	\$ 45,387	\$ 5,880	\$ 51,267
SCVTA	\$ 45,387	\$ 5,880	\$ 51,267
<b>Totals:</b>	<b>\$ 317,709</b>	<b>\$ 41,160</b>	<b>\$ 358,869</b>

These funds are included in the MTC budget for FY2019-20. MTC Resolution No. 4364 provides the guidelines for FY2019-20 SRTPs.

In FY2020-21, staff will request funding for small and medium-sized operators to complete their SRTP's.

**Issues:** None.

**Recommendation:** Authorize staff to enter into Master Agreement Program Supplements with operators based on the funding levels listed above.

**Attachments:** MTC Resolution No. 4364 (information only, no revisions proposed)

Therese W. McMillan

Date: February 27, 2019  
W.I.: 1517  
Referred by: PAC

ABSTRACT

MTC Resolution No. 4364

This resolution adopts the Short Range Transit Plan Guidelines for FY 2018-19 and FY2019-20.

Further discussion of these actions is contained in the Programming and Allocations Committee summary sheet dated February 13, 2019.

Date: February 27, 2019  
W.I.: 1517  
Referred by: PAC

RE: Short Range Transit Plan Guidelines

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 4364

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Section 66500 et seq.; and

WHEREAS, MTC is the designated Metropolitan Planning Organization (MPO) for the San Francisco Bay Area, charged with carrying out the metropolitan transportation planning and fund programming processes required to maintain the region's eligibility for federal funds for transportation planning, capital improvements, and operations; and

WHEREAS, the federal Fixing America's Surface Transportation Act (FAST) requires MPOs to work cooperatively with the state and public transit operators to develop regional transportation plans and Transportation Improvement Programs (TIP) for urbanized areas of the state; and

WHEREAS, MTC has developed, in cooperation with the State, and with public transit operators in the region, a work program for carrying out continuing, comprehensive, and cooperative transportation planning; and

WHEREAS, an Overall Work Program (OWP) for planning activities in the Bay Area is annually prepared by MTC, the Association of Bay Area Governments, and the California Department of Transportation; and

WHEREAS, the OWP describes MTC's annual unified work program to achieve the goals and objectives of the Regional Transportation Plan (RTP); and

WHEREAS, in accordance with the goals and objectives of the RTP, MTC's Transportation Improvement Program (TIP) includes funds programmed for projects sponsored by public transit operators in the MTC region; and

WHEREAS, MTC, in cooperation with the FTA Region IX office requires that public transit operators in the MTC region which are FTA grantees prepare and regularly update a Short Range Transit Plan (SRTP) as input to regional transportation planning programming activities; and

WHEREAS, MTC enters into a funding agreement with each public transit operator required to prepare and update an SRTP; and

WHEREAS, MTC desires to promulgate detailed SRTP guidelines that more precisely explain the scope of work included in the SRTP funding agreement, and which are in accord with and supportive of the planning, fund programming and policy requirements of MTC's Transit Capital Priorities Process and Criteria, the TIP and the RTP; now, therefore, be it

RESOLVED, that MTC does hereby adopt the "Short Range Transit Plan Guidelines," attached hereto as Attachment A to this Resolution and incorporated herein as though set forth at length.

METROPOLITAN TRANSPORTATION COMMISSION

  
Chair

The above resolution was adopted by the  
Metropolitan Transportation Commission  
at a regular meeting of the Commission held  
in San Francisco, California on February 27, 2019



## **METROPOLITAN TRANSPORTATION COMMISSION SHORT RANGE TRANSIT PLAN GUIDELINES**

### **BASIS OF THE SRTP REQUIREMENT**

Federal statutes require that the Metropolitan Transportation Commission (MTC), in partnership with the state and with local agencies, develop and periodically update a long-range Regional Transportation Plan (RTP), and a Transportation Improvement Program (TIP) which implements the RTP by programming federal funds to transportation projects contained in the RTP. In order to effectively execute these planning and fund programming responsibilities, MTC, in cooperation with Region IX of the Federal Transit Administration (FTA), requires each transit operator receiving federal funding through the TIP (federal grantees within the MTC region) to prepare, adopt, and submit an SRTP to MTC.

Transit operators are required by MTC to prepare an SRTP every four years in order to remain eligible to receive federal funding. MTC requires that operators prepare an SRTP on a two year cycle, alternating years between large operators and small-to-medium sized operators. These guidelines are focused on small and medium-sized transit operators in the region that will develop SRTPs in FY 2018-19, and the seven largest transit operators that are due to develop SRTPs in FY 2019-20.

These guidelines describe the purpose, planning horizon and frequency of updates for the SRTP, and provide detail relative to the tasks and subtasks outlined in the funding agreement.

### **SRTP PURPOSE**

- A. To serve as a management and policy document for the transit operator, as well as a means of providing FTA and MTC with information necessary to meet regional fund programming and planning requirements.
- B. To clearly and concisely describe and provide the basis for the transit operator's capital and operating budgets.
- C. To submit requests for federal, state, and regional funds for capital and operating purposes through MTC's Transit Capital Priorities, and in the MTC TIP.
- D. To assess an operator's financial capacity to carry out proposed levels of operations and the associated capital improvement plan.
- E. To regularly provide MTC with information on projects and programs of regional significance, which include: funding and scheduling of expansion projects included in MTC Resolution No. 3434 or in the Regional Transportation Plan, provision of paratransit service to persons with disabilities, older adults and others; compliance with federal Title VI reporting requirements;

environmental justice outreach and public participation, and related service planning; results of the most recent FTA Triennial Review and related corrective actions.

- F. To assess an operator's progress implementing recommendations provided through the Transit Sustainability Project, MTC Resolution 4060.

### **THE SRTP AND THE OPERATOR'S GOALS, OBJECTIVES AND STANDARDS**

Goals should reflect the major areas of concern for public transit operators, for example:

- scheduling and route planning
- service reliability
- system effectiveness
- system efficiency
- safety and security
- funding and reserve policies
- customer service
- statutory and regulatory compliance

Objectives should be comprehensive (there can be several objectives under each goal). Service standards should be specific, measurable and quantified where feasible. Goals, objectives and standards should reflect the basis under which new service would be deployed and existing service increased or reduced.

### **PLANNING HORIZON**

The planning horizon is a minimum of ten years. However, a longer planning horizon may be required if necessary to reflect significant capital replacement and/or rehabilitation that would not fall within the ten year period (e.g., railcars, ferryboats, bus subfleet). A longer planning horizon may also be required if necessary to capture the capital or operating budget implications of significant changes in service (e.g., rail extension coming on line).

### **FREQUENCY OF UPDATES**

MTC requires that large operators update their SRTPs every two years and that small- to medium-sized operators update their SRTPs at least once every four years. The scope of the SRTP is explained below.

### **REFERENCES TO MTC RESOLUTIONS**

These guidelines make reference in certain sections to the following MTC Resolutions:

- MTC Resolution No. 3176: "Procedures for Evaluating Transit Efficiency Improvements."
- MTC Resolution No. 3434, Revised: "Regional Transit Expansion Policy."
- MTC Resolution No. 3866, Revised: "MTC Transit Connectivity Plan."
- MTC Resolution No. 4060, Revised: "MTC Transit Sustainability Project."
- MTC Resolution No. 4272, Revised: Transit Capital Priorities Process and Criteria for FY 2016-17 through FY 2019-20.

MTC staff will e-mail electronic copies of these resolutions to interested parties upon request.

**ONBOARD SURVEY**

In 2010, MTC began a regional transit passenger survey by collecting data from transit operators on a rolling basis, surveying a few operators every year, with the goal of completing all operators within five to seven years. The first data collection survey cycle was completed in 2017, and a new cycle was initiated in 2018. You can find a chronology of completed and planned surveys here, by year and season:

<http://bayareametro.github.io/onboard-surveys/schedule/>

The purpose of the survey is twofold: (1) to collect demographic and trip origin/destination data used to support future local and regional transit planning efforts; (2) to fulfill data collection requirements stipulated by Circular 4702.1B of the Title VI Requirements and Guidelines for Federal Transit Administration Recipients. MTC and operators coordinate to develop survey instruments that meet these two goals and to provide survey takers access to their transit systems. To further these efforts, coordination requirements applicable to transit rider surveys were adopted in July 2015 in MTC Resolution 3866, Revised.

**SCOPE OF THE SRTP**

The SRTP must contain at least the information described in this section.

**1. Title Page**

The title page must include the words “Short Range Transit Plan,” the fiscal years covered by the plan, the official name of the transit operator, the date approved by the governing board, and the following statements:

Federal transportation statutes require that the Metropolitan Transportation Commission (MTC), in partnership with state and local agencies, develop and periodically update a long-range Regional Transportation Plan (RTP), and a Transportation Improvement Program (TIP) which implements the RTP by programming federal funds to transportation projects contained in the RTP. In order to effectively execute these planning and programming responsibilities, MTC requires that each transit operator in its region which receives federal funding through the TIP, prepare, adopt, and submit to MTC a Short Range Transit Plan (SRTP).

## **2. Overview of Transit System**

- A. Brief History (e.g., year of formation, facilities and fleet development, changes in service focus areas, key milestones and events).
- B. Governance.
  - 1. Type of unit of government (e.g., city, joint powers authority, transit district).
  - 2. Composition and nature of representation of governing body:
    - a. Number of members;
    - b. Elected or appointed (if appointed, how, and what agencies and/or groups do members represent (e.g., cities, county, general public);
    - c. Current members and terms.
- C. Organizational Structure (use graphic format).
  - 1. Management and staff positions.
  - 2. Reporting relationships.
  - 3. Contracted transportation services (name of contractor(s), length of current contract(s)).
  - 4. Labor unions representing agency employees and length of current contract(s).
- D. Transit Services Provided and Areas Served —Describe fixed route, demand responsive, and connecting services and areas served, and the number of vehicles required for each type of service.
  - 1. Fixed Route (includes bus and rail):
    - a. Local;
    - b. Express;
    - c. Other commuter service (e.g., subscription service, shuttles);
    - d. Services provided in partnership with others (funding contributions or policy oversight);
    - e. Accommodation of bicycles;
  - 2. Demand responsive (includes operator-provided services and services provided under partnership agreements):
    - a. General public;
    - b. Americans With Disabilities Act (ADA);
    - c. Persons with disabilities (non-ADA);
    - d. Older adults;
  - 3. Connecting services provided by others for fixed route and demand responsive service; including transit network companies under contractual agreement.
- E. Fare Structure — Describe fare structure for fixed route and demand responsive services, and for interoperator transfers.
  - 1. Fixed Route Fares:
    - a. Single fare (adults, seniors, student/youth);
    - b. Discounted and/or multi-ride fares (adults, seniors, student/youth);

- c. Recent changes in fares;
  - 2. Demand Responsive Fares:
    - a. Single fare;
    - b. Discounted and/or multi-ride fares;
    - c. Recent changes in fares (include the year(s) in which the change(s) took place);
  - 3. Interoperator Transfer Arrangements and Fares
    - a. Clipper<sup>SM</sup>
    - b. Other proof of transfer;
- F. Revenue Fleet — Provide a general description of the revenue vehicle/vessel fleet. The description can be in narrative or graphic format, or a combination of both. (This description differs from the detailed inventory required under Section 6 of these guidelines.) Include the following information:
- 1. Types of vehicles/vessels operated (e.g., standard bus (any length), trolley bus, articulated bus, over-the-road coach, cutaway van, standard van, minivan, cable car, passenger ferryboat, heavy rail, light rail);
  - 2. Number of each type of vehicle/vessel;
  - 3. Recognizing that each type of vehicle might be used in multiple types of service, type(s) of service in which each type of vehicle is used (e.g., local, express, commuter, demand responsive).
- G. Existing Facilities — Describe individual or grouped facilities, according to the categories listed below.
- 1. Administrative (locations, age, functions located within);
  - 2. Maintenance and Fueling (type, locations, age);
  - 3. Vehicle/Vessel Storage/Staging (locations, age, capacity);
  - 4. Park-and-Ride (locations, age, capacity);
  - 5. Stations and Stops (type, locations, age, basic amenities);
  - 6. Right-of-Way, Track or Guideway;
  - 7. Bicycle Facilities.

### **3. Goals, Objectives and Standards**

- A. Describe the process for establishing, reviewing, and updating goals, objectives, and standards. Goals and objectives should be comprehensive and address all major areas of operator activities, including principles and guidelines under which new service would be implemented. Performance standards should address both the efficiency and effectiveness of the services provided by the operator.
- B. Portray and discuss new or revised goals and related objectives and standards; and identify changes from prior SRTP.
- C. For SRTPs composed during FY2018-19, portray and discuss plans to implement service, meet the performance measure requirements of MTC Resolution 4321, Revised, paratransit or

institutional recommendations, or any similar coordination efforts (as discussed in the Transit Sustainability Project MTC Resolution 4060, Revised) and discuss the monitoring process established to assess the performance of these programs.

- D. For SRTPs composed during FY2019-20, portray and discuss the Transit Sustainability Project performance measures, targets, and the monitoring process established in MTC Resolution 4060. Building on the TSP Strategic Plan revisions, discuss strategies to achieve TSP targets.

#### **4. Service and System Evaluation**

- A. Evaluate route-level and system-wide performance against current service standards (if illustrative, portray local, express or commuter service, or other intercity service separately). Describe the evaluation process. Evaluate the most recent year for which complete data is available. At a minimum, evaluate performance measures relating to effectiveness and efficiency. Key performance measures could include passengers per revenue vehicle hour, passengers per revenue vehicle mile, percent of capacity used, revenue-to-total vehicle hours, operating cost per revenue vehicle hour, operating cost per passenger, and on-time performance. A retrospective portrayal of performance (e.g., prior five to ten years) may be warranted to exemplify trends. Where the evaluation identifies deviations from service standards, describe proposed remedies, including service expansion and/or contraction. Use narrative, tables and other graphic formats as warranted.
- B. Provide a three-year retrospective of revenue service hours, revenue service miles, and patronage. Evaluate and discuss significant changes.
- C. Describe and discuss equipment and facility deficiencies, and describe proposed remedies.
- D. Describe any involvement in MTC's "Community-based Transportation Planning Program" ("CBTP"). Describe any specific fixed-route and/or mobility solutions to transit gaps recommended through the CBTP process and the status of their implementation. Describe any services funded specifically to address transportation needs in communities of concern and the source(s) of funding (e.g., the Lifeline Transportation Program).
- E. Identify paratransit services provided in compliance with the paratransit provisions of the Americans with Disabilities Act (ADA). Reference planned new activities, major service changes, or procurement of capital equipment to support ADA service.
- F. Identify other paratransit services, dial-a-ride, demand responsive services or mobility management programs. Reference any proposed revisions or improvements to these services, as well as fixed route services intended to enhance their usage by seniors and/or by persons with disabilities. Identify partners with whom these services are coordinated, and reference the establishment or enhancement of mobility management programs to help provide equitable and effective access.
- G. Provide the date of the agency's most recent federal Title VI analysis and report, and discuss any service deficiencies identified in the report. Generally describe the process used for complying with FTA Circular C4702.1B (updated October 1, 2012). Please reference the most recent triennial Title VI report, plus any subsequent Title VI reports.



- H. Provide the date of the agency's most recent FTA Triennial Review, and describe related remedial actions undertaken or currently underway in response to the review.

## **5. Operations Plan and Budget**

### **A. Operations Plan**

The operations plan sets forth the intentions to provide fixed route and paratransit services over the SRTP period. Document the ongoing evaluation of services and systems with respect to adopted goals, objectives and standards, and legal and regulatory requirements, subject to financial constraints.

1. Describe the modes and types of transit services to be operated over the plan period. Separately identify service provided in partnership with others:
  - a. For the continuation of existing service, refer to or summarize the descriptions provided under Section 2, Subsection "D", Transit Services Provided and Areas Served;
  - b. For the deployment of new service, identify the mode, and describe the service characteristics using the format used in Section 2, Subsection "D," above.
2. Separately describe planned new activities or service changes relative to paratransit services provided in accordance with the Americans with Disabilities Act (ADA service).
3. Separately describe any proposed revisions or improvements to fixed route services, other paratransit services, dial-a-ride, demand responsive services or mobility management programs intended to enhance their usage by seniors and/or by persons with disabilities.
4. Where reductions in service levels are required in order to achieve a balanced operating budget, describe the reductions and assess their impact on the affected service areas and communities.
5. Portray the levels of service planned — Use a table (or other graphic format) to portray planned levels of service hours and service miles. Separately identify the following:
  - a. Fixed route modes by type (e.g. local, express/commuter);
  - b. Demand responsive modes by type (e.g., ADA, non-ADA older adult);
  - c. Expansion service included in MTC Resolution No. 3434, Revised and other major planned service expansions.

The table (or other graphic format) shall clearly identify service expansion and/or reduction by the year of planned deployment (expansion) and/or elimination (reduction). There shall be a rational relationship between the information portrayed and the "Service and System Evaluation" section of the SRTP.

6. Describe and discuss planned (not yet implemented or underway) service changes in response to the most recent federal Title VI report and/or FTA Triennial Review.

### **B. Operations Budget**

Demonstrate that planned level of transit service over the planning period, including rehabilitation and replacement of capital assets, is sustainable. Take into consideration expense forecasts, regional and local revenue projections, fare policies, labor or service



agreements, competitive demands on funding, regional priorities and policies. The budget should reflect a “baseline” level of service, taking into consideration the existing level of service at the time of publication of the SRTP.

Committed service changes must also be defined, with their expenses and revenue separately identified in the operating and capital financial plan tables. Provide sufficient detail to allow a reviewer of the SRTP to evaluate costs of implementing the operating and capital plans, and compare the total with anticipated revenues available during the study period.

The narrative must specifically explain, and the spreadsheet clearly isolate in the appropriate year, by mode, any major change in service hours and miles due to deployment of new service or major service reductions.

The narrative must specifically explain, and the spreadsheet clearly isolate by year (e.g., through individual line items) the following:

- Change in fare revenue due to a fare increase or decrease.
- Change in fare revenue due to a change in the level of service.
- Change in expenses due to a change in the level of service.
- Change in expenses due to a labor or service contract change.

All operations expenses and revenues are to be stated in year of expenditure dollars, with the assumed escalation factors stated. All sources of revenue shown in the operations and in the capital financial plan should be identified individually. All assumptions that relate to expenditure and revenue estimates must also be documented, including specification of ridership or sales growth (if appropriate) separately from inflation forecasts.

1. The operations budget must be sustainable and generally balanced each year over the period of the SRTP, using currently available or reasonably projected revenues.
2. Where increases in local revenues (e.g., fares, sales taxes, general fund revenues) are required in order to sustain existing service levels, describe and discuss the steps and timelines needed to achieve the revenue increases, and the contingent policies and actions that will be taken if the proposed revenue increases do not materialize.
3. Fixed route and demand responsive services may be portrayed separately or in a single budget; however, the expenses and revenue for each must be separately identifiable if portrayed in a single budget.
4. Describe planned fare increases and/or decreases, and/or changes in fare policies, including the year(s) these changes are planned to take effect. Describe planned changes in interoperator transfer arrangements and/or fares (this pertains to interoperator fares themselves, not to the means of fare collection; i.e., Clipper<sup>SM</sup>) Note: as set forth in MTC Resolution No. 3176, fare and local discretionary revenue contributions are expected to keep pace with inflation, and fare structure shall comply with regional policy on fare coordination (Resolution No. 3866, Revised).

5. Separately identify funding sources and amounts to support operating budgets for ADA service, and any other paratransit or demand responsive services available to older adults and/or persons with disabilities.
  6. Separately identify and describe funding contributions (expended or received) for services provided in partnership with others.
  7. The multi-year operating budget shall utilize MTC projections of regional operating revenues. Local funding sources (e.g., transportation sales tax) that will expire during the period covered by the plan shall not be assumed to continue beyond their expiration dates, unless specific renewals have been approved. In order to portray the operating budget:
    - a. Forecast operating costs shall be portrayed in a manner that distinguishes significant expansion and/or contraction of existing service, and the introduction of new service;
    - b. The basis for the operating cost forecasts shall be clearly portrayed (e.g., cost per service hour and service hours);
    - c. The forecast escalation rates (revenue and expenses) must be clearly portrayed;
    - d. Indicate reserves available for operations and changes to reserves over the period of the SRTP, including anticipated unallocated TDA reserves;
    - e. Budget levels must correlate with the changes in service identified in the "Operations Plan." The operations budget should not show a deficit.
    - f. Identify sources of operating revenue:
      - i. Fares;
      - ii. Property taxes (directly levied, levied by others);
      - iii. Bridge tolls (directly levied (e.g., GGT), MTC 2% toll revenues, MTC 5% unrestricted general fund, MTC Regional Measure 2, MTC Regional Measure 3);
      - iv. Sales tax (AB 1107, directly levied (e.g., transit district), levied by others (e.g., county sales tax measure (identify Measure)));
      - v. Contributions from JPA partner funding agencies;
      - vi. Federal (FTA section 5307 Operating Assistance, FTA section 5307 Preventive Maintenance, FTA section 5311, other);
      - vii. Regional (MTC Lifeline, Air District);
      - viii. Advertising;
      - ix. Earned interest;
      - x. BART coordination funds (TDA, STA, BART district funds);
      - xi. TDA (directly apportioned, contributed by others);
      - xii. State Transit Assistance [(directly apportioned, contributed by others) – Revenue-Based, Population-Based (county block grants)].
      - xiii. Senate Bill 1 Transit State of Good Repair funds if used for operations;
      - xiv. California Cap and Trade Program
- C. In addition to future year forecasts, the SRTP should include a three-year retrospective of audited (if available) operating expenses and revenue.

## **6. Capital Improvement Program**

Describe and discuss the capital programs (vehicles, facilities and equipment) required to carry out the operations and services set forth in the operating plan and budget. The Capital Improvement Plan (CIP) should provide the basis for requests for federal, state and regional funding for capital replacements, rehabilitation, and expansion projects. While the CIP does not have to be financially constrained to the extent that the operations budget does, it should reflect the operator's reasonable expectation of funding, particularly as outlined in MTC's Regional Transportation Plan.

### **A. Basis for Revenue Vehicle/Vessel Projects and/or Proposals, for Replacement, Rehabilitation, and Expansion.**

1. Describe and discuss policies (or basis), and justification for vehicle replacement:
  - a. Life cycle considerations (current vehicles/vessels);
  - b. Passenger amenity considerations (vehicles to be acquired);
  - c. Mode of power and/or emissions considerations (vehicles/vessels to be acquired);
  - d. Other considerations (e.g., safety, lack of availability of service parts for current vehicles/vessels)
2. Describe and discuss policies (or basis), and justification for rehabilitation/retrofit:
  - a. Life cycle considerations;
  - b. Passenger amenity considerations;
  - c. Emissions considerations;
  - d. Other considerations.
3. Describe and discuss policies (or basis), and justification for proposed fleet expansion (or contraction):
  - a. Relationship to fixed route or demand responsive operations plan;
  - b. Basis for type(s) of vehicles/vessels desired (expansion).
  - c. Number and type(s) of vehicles to be removed from service (contraction), including intended disposition (e.g., sale, placed for lease, salvaged).
4. Current Revenue Vehicle/Vessel Fleet Inventory: Identify items "a" through "k" below individually or by subfleet.
  - a. Manufacturer;
  - b. Year of manufacture;
  - c. Identification number (individual VIN or VIN sequence for subfleets);
  - d. Length of vehicle(s)/vessel(s);
  - e. Seating capacity of vehicle(s)/vessel(s);
  - f. Wheelchair capacity of vehicle(s)/vessel(s);
  - g. Vehicle/Vessel type (e.g., minivan, standard van, cutaway van, standard motorbus, articulated motorbus, trolley bus, articulated trolleybus, over-the-road coach, light rail, heavy rail, passenger ferryboat, diesel-electric locomotive, trailer car);
  - h. In fixed route service or demand responsive service;

- i. Mode of power (e.g., diesel, CNG, LPG, gasoline, electric, hydrogen fuel cell, hybrid gasoline-electric, diesel-electric locomotive, trailer car not powered).
  - j. Has major rehabilitation of the vehicle(s)/vessel(s) been performed; if yes, how many years of service life were added;
  - k. Year the vehicle(s)/vessel(s) will be retired from service (even if this is beyond the time horizon of the SRTP);
5. Vehicle/Vessel Replacement: Identify items “a” through “k” below individually or by subfleet, showing the number of replacement vehicles/vessels to be placed in service per year over the planning horizon.
- a. Number of vehicles/vessels to be replaced;
  - b. Anticipated year of manufacture of replacement vehicle(s)/vessel(s);
  - c. Year vehicle(s)/vessel(s) will be placed in service;
  - d. Length of vehicle(s)/vessel(s);
  - e. Seating capacity of vehicle(s)/vessel(s);
  - f. Wheelchair capacity of vehicle(s)/vessel(s);
  - g. Vehicle/Vessel type (e.g., minivan, large van, small bus, suburban bus, trolley bus, over-the-road coach, articulated bus, light rail, heavy rail, passenger ferryboat, diesel-electric locomotive, trailer car);
  - h. Placement of the vehicle(s) in fixed route service or demand responsive service;
  - i. Mode of power (e.g., diesel, CNG, LPG, gasoline, electric, hydrogen fuel cell, hybrid gasoline-electric, diesel-electric locomotive, trailer car not powered).
  - j. Estimated cost of replacement vehicle(s)/vessel(s) (unit cost or total by subfleet), with annual escalation rates clearly portrayed;
  - k. Sources and amounts of funding for replacement vehicle(s)/vessel(s) (unit cost or total by subfleet – same as portrayed in “j” above), with annual escalation rates clearly portrayed.
6. Vehicle/Vessel Rehabilitation (if applicable): Identify items “a” through “m” below individually or by subfleet, showing the number of vehicles/vessels to be rehabilitated per year over the planning horizon.
- a. Manufacturer;
  - b. Year of manufacture;
  - c. Identification number, (individual VIN or VIN sequence for subfleets);
  - d. Length of vehicle(s)/vessel(s);
  - e. Seating capacity of vehicle(s)/vessel(s);
  - f. Wheelchair capacity of vehicle(s)/vessel(s);
  - g. Vehicle/Vessel type (e.g., minivan, large van, small bus, suburban bus, trolley bus, over-the-road coach, articulated bus, light rail, heavy rail, passenger ferryboat, diesel-electric locomotive, trailer car);
  - h. Mode of power (e.g., diesel, CNG, LPG, gasoline, electric, hydrogen fuel cell, hybrid gasoline-electric, diesel-electric locomotive, trailer car not powered).

- i. Year of planned rehabilitation (even if this falls outside the time horizon of the SRTP);
  - j. Years of service life to be added;
  - k. Rehabilitation to be performed in-house or contracted, if known;
  - l. Estimated cost of rehabilitation of vehicle(s)/vessel(s) (unit cost or total by subfleet), with annual escalation rates clearly portrayed;
  - m. Sources and amounts of funding for rehabilitation of vehicle(s)/vessel(s) (unit cost or total by subfleet – same as portrayed in “l” above), with annual escalation rates clearly portrayed.
7. Vehicle/Vessel Expansion (if applicable): Identify items “a” through “k” below individually or by subfleet.
- a. The number of expansion vehicle(s)/vessel(s) to be placed in service per year over the planning horizon of the SRTP;
  - b. Anticipated year of manufacture;
  - c. Year vehicle(s)/vessel(s) will be placed in service;
  - d. Length of vehicle(s)/vessel(s);
  - e. Seating capacity of vehicle(s)/vessel(s);
  - f. Wheelchair capacity of vehicle(s)/vessel(s);
  - g. Vehicle/Vessel type (e.g., minivan, large van, small bus, suburban bus, trolley bus, over-the-road coach, articulated bus, light rail, heavy rail, passenger ferryboat, diesel-electric locomotive, trailer car);
  - h. Placement of the vehicle(s) in fixed route service or demand responsive service;
  - i. Mode of power (e.g., diesel, CNG, LPG, gasoline, electric, hydrogen fuel cell, hybrid gasoline-electric, diesel-electric locomotive, trailer car not powered).
  - j. Estimated cost of expansion vehicle(s)/vessel(s) (unit cost or total by subfleet), with annual escalation rates clearly portrayed;
  - k. Sources and amounts of funding for expansion vehicle(s)/vessel(s) (unit cost or total by subfleet – same as portrayed in “j” above), with annual escalation rates clearly portrayed.
8. Summary of Revenue Vehicle/Vessel Fleet Inventory:
- a. Total number of fixed route vehicles in active fleet (identified by type; e.g., see item 7.g. above);
  - b. Total number of fixed route vehicles in reserve fleet;
  - c. Spare ratio of fixed route vehicles (at maximum pullout);
  - d. Total number of vessels in active fleet;
  - e. Total number of vessels in reserve fleet;
  - f. Spare ratio of vessels (at maximum pullout);
  - g. Total number of demand responsive vehicles in active fleet (identified by type; e.g., see item 7. g. above);
  - h. Total number of demand responsive vehicles in reserve fleet;

- i. Spare ratio of demand responsive vehicles (at maximum pullout)
- j. Useful life of revenue vehicles;
- k. Next rehabilitation or replacement of vehicles and vessels, even if beyond the SRTP horizon.

B. Non-Revenue Vehicle Projects and/or Proposals: Replacement, Rehabilitation, and Expansion or Contraction.

1. Discuss replacement, and/or expansion or contraction of non-revenue vehicle fleet:
  - a. Briefly, describe uses of non-revenue vehicles;
  - b. Briefly, discuss policies or basis, and justification for replacement (e.g., life cycle, obsolescence, safety considerations);
  - c. Briefly discuss policies or basis, and justification for expansion and/or contraction.
2. Non-Revenue Vehicle Fleet Inventory: Identify items "a" through "n" below, showing the number of vehicles per year over the planning horizon.
  - a. Manufacturer (current vehicles);
  - b. The year of manufacture (or anticipated year of manufacture for replacement and expansion vehicles);
  - c. The years the vehicle(s) will remain in service;
  - d. Year vehicle(s) will be retired from service;
  - e. The year replacement vehicle(s) will be placed in service;
  - f. Estimated cost of replacement vehicle(s) (unit cost or total by subfleet), with annual escalation rates clearly portrayed;
  - g. Replacement vehicle(s): source(s) and amount of funding, identifying funds that have been secured (programmed, allocated or received) and funds that have not been secured, with annual escalation rates clearly portrayed;
  - h. The year expansion vehicle(s) will be placed in service;
  - i. Estimated cost of expansion vehicle(s) (unit cost or total by subfleet), with annual escalation rates clearly portrayed;
  - j. Expansion vehicle(s): source(s) and amount of funding, identifying funds that have been secured (programmed, allocated or received) and funds that have not been secured, with annual escalation rates clearly portrayed;
  - k. Vehicle type;
  - l. Mode of power;
  - m. Has rehabilitation of the vehicle(s) been performed or is it planned;
  - n. Total number of vehicles in non-revenue fleet.

Operators with non-revenue vehicles which are not proposed for replacement with regionally programmed funds may choose to provide less detailed information.

C. Major Facilities Replacement, Rehabilitation, Upgrade, and Expansion projects of the types listed below. Identify the locations of new or expanded facilities. Provide project budget, including costs, sources of funds and amounts from each source, identifying funds that have



been programmed, allocated or received, and funds that have not been secured. Separately describe security projects. Specify if replacement and rehabilitation of facilities and equipment results in an asset that differs from the existing asset, and how it differs.

1. Administrative;
  2. Maintenance and Fueling;
  3. Vehicle/Vessel Storage/Staging;
  4. Park-and-Ride;
  5. Stations and Stops;
  6. Right-of-Way, Track, or Guideway;
  7. Bicycle Facilities (e.g., lockers).
- D. Tools and Equipment: Replacement and/or Upgrade. Discuss current and/or proposed projects. Combine projects into a lump sum and indicate costs, sources of funds and amounts.
- E. Asset Management: Briefly describe efforts to employ a systemic asset management program. Include current/past achievements and plans to upgrade or improve management (e.g. software tools, applications, business processes, integration into decision making processes) and/or provide a link to the agency's Transit Asset Management plan.

## **7. Other Requirements**

- A. Provide the following information on expansion projects included in MTC Resolution No. 3434, Revised, or on major expansion projects included in MTC's Regional Transportation Plan (RTP), if applicable:
1. Portray the project's current capital cost, providing explanation where costs differ from the portrayal in MTC Resolution No. 3434, Revised, or the RTP.
  2. Capital Funding:
    - a. Discuss and describe secured funding, including fund programming and/or allocation actions, conditions imposed on the use of funds, fund sources and amounts;
    - b. Explain any changes in secured or anticipated funding, providing explanation where funding differs from the portrayal in MTC Resolution No. 3434, Revised, or the RTP;
    - c. Portray and discuss the project's cash flow needs, including any anticipated difficulties, and approved or anticipated decisions on bond financing.
  3. Project Schedule: Provide the most current schedule for the project, showing key milestones completed, and anticipated milestone completion dates.
  4. Operating Costs: Provide operating expense and revenue projections (including sources of funds).
  5. Discuss any activities related to changes in land use planned or anticipated in association with the project, including:
    - a. Participation in the development of local land use policies;



- b. Policies and/or planning pertaining to, and/or development adjacent to transit stations;
  - c. Descriptions of land that the transit agency currently owns or controls adjacent to transit stop/stations (use a map if desired to show locations);
  - d. Resilience Planning: Describe any policies and/or planning pertaining to, and/or development of facilities for upcoming regional challenges like sea level rise.
6. Discuss any current or anticipated policy, planning, funding or operating issues associated with the project, not reflected in responses to items 1 through 5, above.
- B. Describe the agency's public outreach and involvement process relative to environmental justice goals. Describe the most recent outcomes from this process.
- C. In the event the operator intends to use FTA section 5303 funds to contract out for the authoring of the SRTP, the MTC SRTP Program Manager must have the option to review the description or scope of work before publication of the RFP. MTC may or may not be able to actually participate in the consultant selection process, depending upon scheduling and other commitments, but transit operators are to extend the invitation in a timely manner.

#### **SCHEDULE AND TRANSMITTAL**

1. Submit one (1) hard copy and an electronic copy of the draft SRTP to MTC staff for review according to the schedule below. Electronic copies may be provided in PDF format, but all spreadsheets must also be provided in MS Excel.
2. Submit one (1) hard copy and an electronic copy of final SRTP to MTC according to the schedule below. Electronic copies may be provided in PDF format, but all spreadsheets must also be provided in MS Excel.

#### **Deliverable**

FY2018-19:

Draft FY2020-29 SRTP

Final FY2020-29 SRTP

FY2019-20:

Draft FY2021-30 SRTP

Final FY2021-30 SRTP

#### **Delivery Dates**

July 1, 2019

October 1, 2019

July 1, 2020

October 1, 2020

#### **REQUIRED APPROVALS**

The operator's governing body must adopt the SRTP.

#### **MINOR REVISIONS TO THESE GUIDELINES**

Modifications to these guidelines may be approved by the Programming and Allocations Committee.