

Moving Forward: **NYMTC's Draft Regional Transportation Plan**

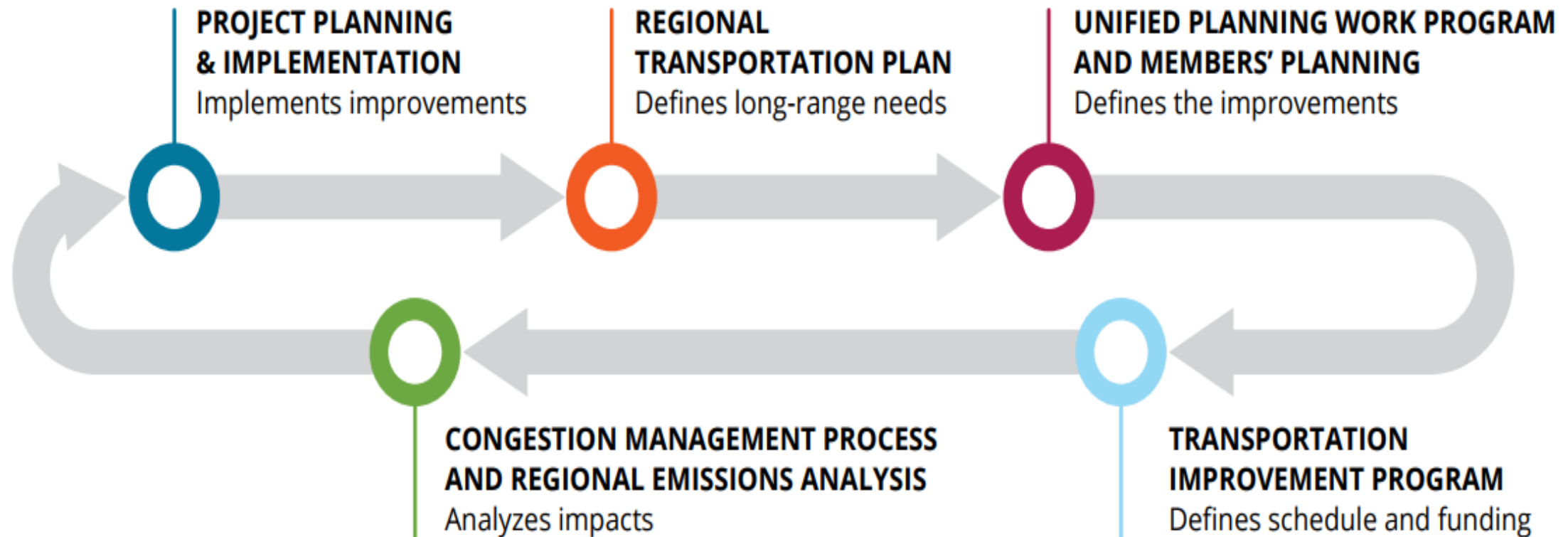
Presentation to the
Program, Finance, and Administration Committee
August 19, 2021

What is *Moving Forward*?

- A long-range Regional Transportation Plan that covers all modes of surface transportation from a regional perspective.
- A federally-required planning product that defines the region's long-term transportation needs and desires.
- A guide for federal funding of investments in the NYMTC planning area based on the members' vision for the region.



How *Moving Forward* Fits into Metropolitan Transportation Planning Process



Public Outreach Program

Moving Forward was developed in part through an extensive, **virtual** outreach program from June 2020 through September 2020.

The program included:

- Online regional workshops
- An online engagement platform
- Online focus groups with residents of Communities of Concern and users of specialized transportation services
- A PollFish survey of 1,000 respondents

A formal public comment period with virtual public review sessions was held in July 2021



Moving Forward's Shared Vision for Regional Mobility

The elected and appointed officials who comprise NYMTC recognize that **mobility** – the ability of people and goods to move easily and safely to, from and between locations – **is crucial** to the lives of everyone who resides in, works in, or visits within the NYMTC planning region.

Therefore, we aspire:

- to ensure that the **mobility provided reaches everyone** in a **sustainable, healthy** and **equitable** manner
- to **invest efficiently** for these transportation needs
- to **respond effectively** to the transportation **challenges of tomorrow**

Moving Forward's Guiding Principles

The Shared Vision identifies six guiding principles:

**Consider the needs
of all users**

**Make the best use of
federal resources**

**Monitor
performance**

**Support multi-
agency approaches**

Engage the public

**Harness
technological
advancements**

Moving Forward's Vision Goals

Moving Forward is organized around five proposed goals:

Safety & Security

**Reliable &
Easy Travel**

**Planning for
Changing Demand**

**Reducing
Environmental
Impacts**

Resiliency

Forecasts Used in Developing *Moving Forward*

- **Socio-Economic & Demographic (SED) Forecasts**

- Metrics include population, employment, labor force, and number of households.
- Metrics are forecasted in five-year intervals to the Plan's horizon year.
- Adjustments were made to the forecasts to reflect this short-term impact COVID-19 pandemic and resulting economic uncertainty.

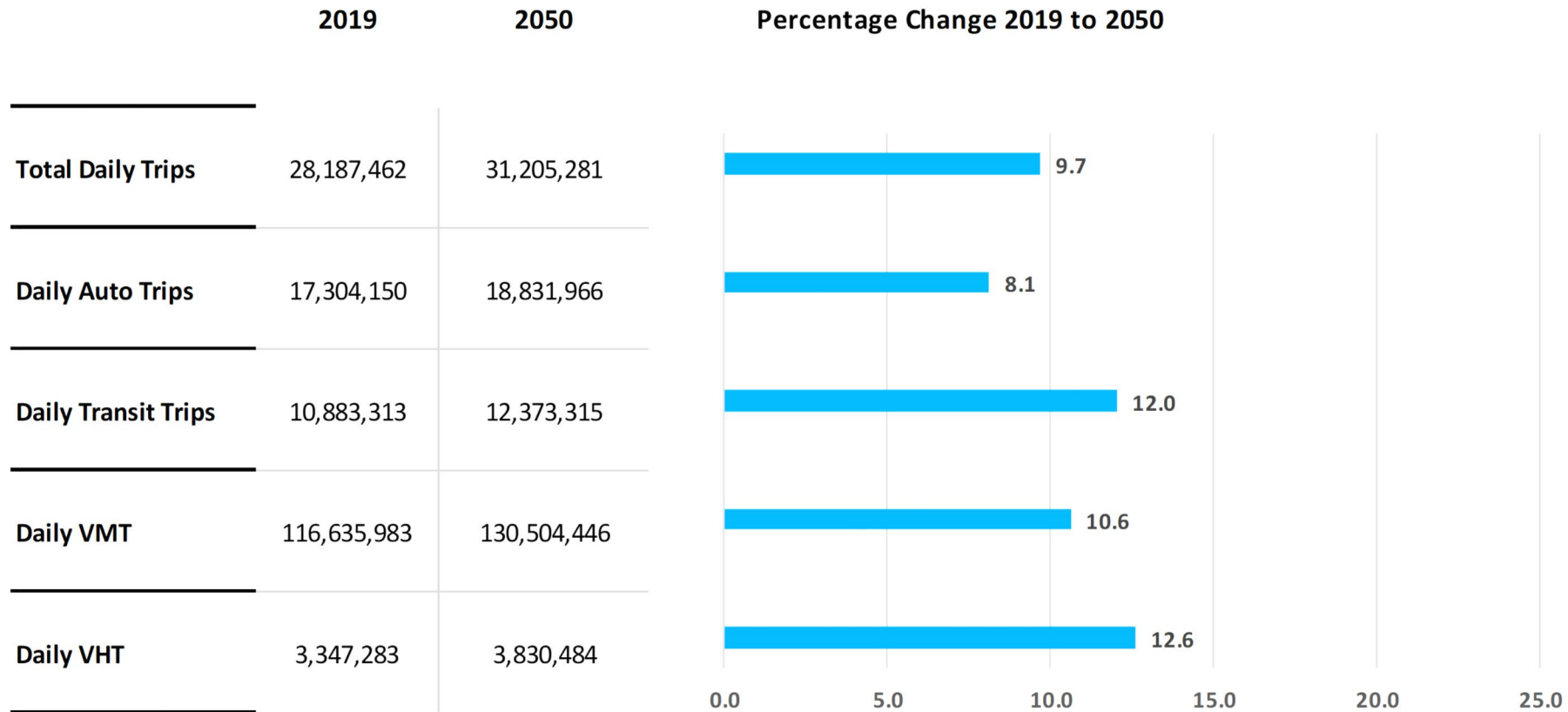
- **Travel Forecasts**

- SED forecasts input to NYMTC's New York Best Practice Model

- **Freight Forecasts**

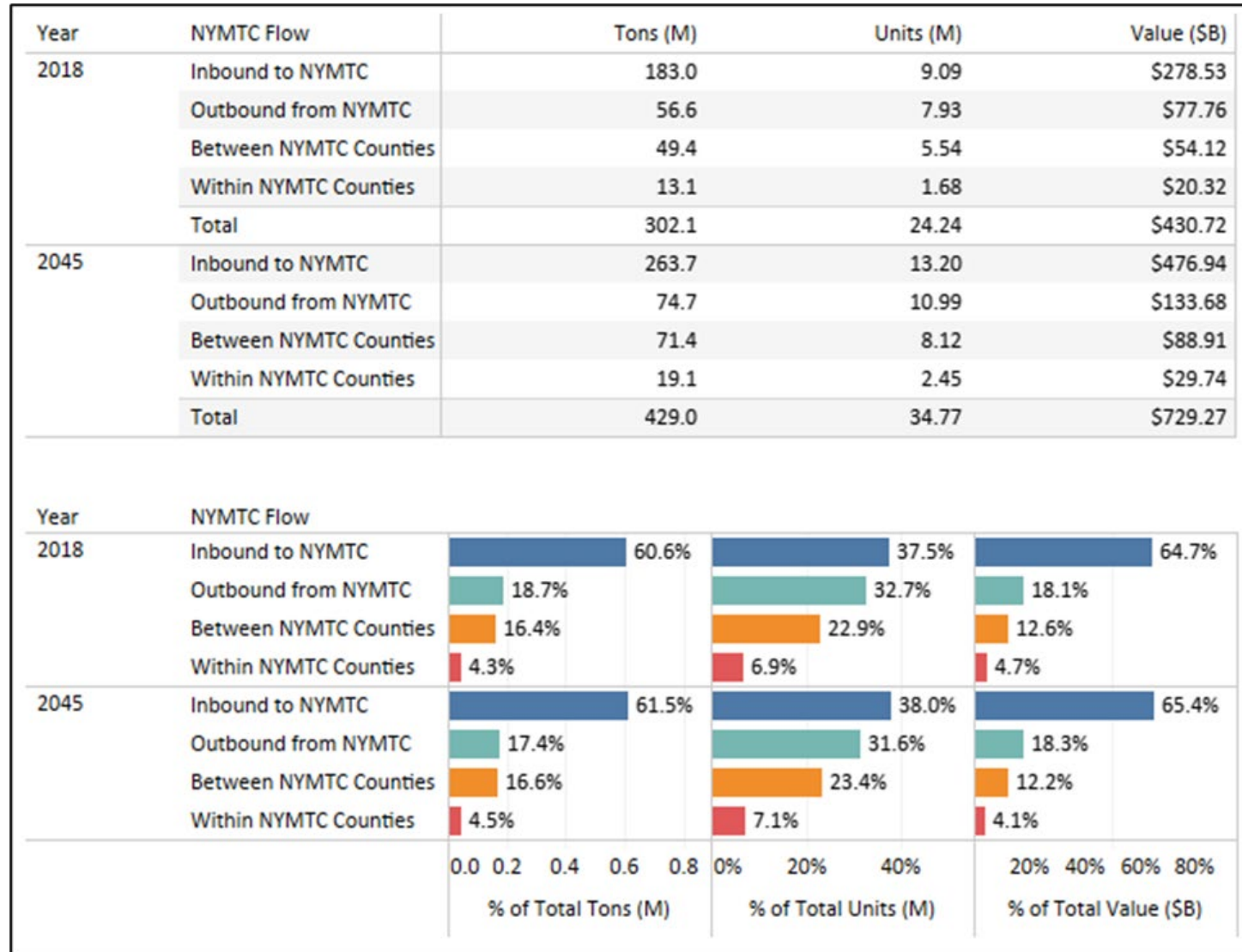
- Developed from 2018 Transearch data

Travel Forecasts for the NYMTC Planning Area



Source: NYMTC

Domestic Freight Flows



Consideration of Transformative Changes

Drivers of Transformative Change

- The COVID-19 Pandemic
- Personal Mobility
- The Evolution of Shared Mobility
- The Pace of Technological Development
- E-Commerce and Distribution Innovations
- Distributed Manufacturing

Large-Scale Disruptors

- Climate Change and Extreme Weather Events
- Energy Transformation
- Changing Demographics and Lifestyle/Workstyle Expectations
- Changing Land Use Patterns

Vision Goal Modules

- For each of the five vision goals, ***Moving Forward*** presents the following information:
 - Description of the Vision Goal
 - Related Objectives
 - Recent Trends, Current Conditions, and Existing Initiatives
 - Recommended Strategies and Actions
 - Performance Metrics

Recommended Strategies and Actions

- Planning & Research Initiatives
- Data Collection, Forecasting and Performance Assessment
- Planning Process Recommendations
- Program Recommendations

Recommended Projects, Program and Studies

- ***Moving Forward*** recommends numerous projects, programs, and studies to improve the movement of people and goods during the planning period.
- These recommended improvements and actions fall into two distinct categories:
 - Programmed projects that are in the Plan's fiscally constrained element and
 - Aspirational projects, proposals, and studies that are in the Plan's vision element.
- *Programmed* projects are sufficiently developed that estimated costs are defined.
- *Aspirational* vision projects are relatively undefined and in almost all cases do not have an identified source of funding.

Plan Special Elements

- Pedestrian-Bicycle Element
- Coordinated Public Transit-Human Services Transportation Plan
- Regional Freight Element
- Environmental Justice & Title VI Assessment
- Environmental Mitigation and New Consultation

Paying for the Plan

- Federal regulations require that the financial plan include the following:
 - System-level estimates of the costs and revenues reasonably expected to be available to adequately operate and maintain federal-aid highways and public transportation;
 - Estimates of funds that will be available for the implementation of the Plan; and
 - Additional financing strategies for the implementation of the Plan.

Cost & Revenue Forecasts

For the *federally-supported* transportation system:

Operations &
Maintenance
(O&M)

Forecasted Cost &
Funding: \$906 billion

System
Preservation

Forecasted Cost:
\$750 billion

System
Enhancement

Forecasted Cost:
\$50 billion

Estimated Funding Envelope: \$805 billion

Additional Financing Strategies

- Public-Private Partnerships
- Value Capture
- Debt Financing
- Discretionary Federal Funding
- Cordon Pricing



Congestion Management Process Status Report

8/31/2021

Federal Requirements

- NYMTC's planning area meets the federal definition of a *transportation management area*.
- Therefore, NYMTC must:
 - Systematically forecast traffic congestion in its planning area,
 - Produce specific performance measurements to identify levels of congestion, and
 - Prepare a program to reduce that congestion.

CMP Status Report

- NYMTC's CMP Status Report is published with each new Regional Transportation Plan.
- The CMP Status Report:
 - Provides an overview of the CMP and its methodology;
 - Presents the results of the most recent CMP analysis and forecasts
 - Describes the strategies committed to in the Plan to address the current and forecasted levels of traffic congestion.