

CHAPTER VII - FOLLOW-ON ACTIVITIES





OVERVIEW

As stated earlier, the LRTP is updated every three years. The next LRTP update will be adopted in December 2007. In the interim, the performance of the transportation system will be monitored to measure the amount of change, if any, the policies and actions of the LRTP have on its performance.

Performance Measures

Performance measures have been developed that address the basic concerns of users of the transportation system (accessibility, mobility, safety) and the existing and emerging priorities of GTC, NYSDOT, and USDOT (efficiency, emissions, freight movement, and environmental justice) among others.

The performance measures were chosen based on their universality and the reasonableness of the efforts needed to obtain and collect the required data. Combined, these performance measures will provide GTC and its member agencies with a means to assess whether or not the policies and actions of the LRTP are better meeting the GTC Goals and Objectives on a system-wide basis.

All of the performance measures will be evaluated through the comparison of conditions in future years versus the base year (2005).

The performance measures are:

Average travel time to work

Measure of: mobility (defined as the relative ease or difficulty with which a trip is made)

GTC Goals addressed

1. Support Economic Vitality
3. Increase Accessibility and Mobility

5. Promote Efficiency

Modes

- ✧ Highway and Bridge
- ✧ Public Transportation
- ✧ Bicycle and Pedestrian

Data source(s)

- U.S. Census
- GTC Travel Demand Model

Average travel time on major roads with above average truck traffic

Measure of: freight mobility

GTC Goals addressed

1. Support Economic Vitality
3. Increase Accessibility and Mobility
5. Promote Efficiency

Modes

- ✧ Goods Movement

Data source(s)

- ✧ U.S. Census
- ✧ GTC Travel Demand Model



Excess delay by highway link and system-wide

Measure of: mobility, congestion

GTC Goals addressed

1. Support Economic Vitality
3. Increase Accessibility and Mobility
5. Promote Efficiency

Modes

- ✧ Highway and Bridge
- ✧ Goods Movement

Data source(s)

- GTC Travel Demand Model

Note: complements the above average travel time measures by identifying areas that contribute to congestion

Volume/capacity ratio (level of service)

Measure of: mobility, congestion

GTC Goals addressed

1. Support Economic Vitality
2. Increase Safety and Security
3. Increase Accessibility and Mobility
5. Promote Efficiency

Modes

- ✧ Highway and Bridge

Data source(s)

- GTC Travel Demand Model

Accident rate

Measure of: safety

GTC Goals addressed

2. Increase Safety and Security
5. Promote Efficiency

Modes

- ✧ Highway and Bridge
- ✧ Bicycle and Pedestrian

Data source(s)

- NYSDOT
- NYS Dept. of Motor Vehicles
- County Sheriffs
- Municipal Police



Emission levels

Measure of: environmental protection

GTC Goal addressed

4. Protect Community Character and Conserve Energy

Modes

- ✧ Highway and Bridge
- ✧ Public Transportation
- ✧ Goods Movement (based on fleet mix)

Data source(s)

- GTC Travel Demand Model and associated emissions post-processor

Percent of federal-aid roadways with pavement conditions rated “fair” or better

Measure of: system preservation, mobility

GTC Goals addressed

1. Support Economic Vitality
2. Increase Safety and Security
3. Increase Accessibility and Mobility
5. Promote Efficiency

Modes

- ✧ Highway and Bridge

- ✧ Public Transportation,
- ✧ Goods Movement,
- ✧ Bicycle and Pedestrian

Data source(s)

- GTC
- Monroe County
- City of Rochester
- NYSDOT

Percent of low-income persons within one-quarter mile of fixed route transit service

Measure of: accessibility (defined as ability of persons to reach destinations)

GTC Goal addressed:

1. Support Economic Vitality
3. Increase Accessibility and Mobility
5. Promote Efficiency

Modes

- ✧ Public Transportation

Data source(s)

- GTC GIS data



Energy Usage

Measure of: environmental protection

GTC Goal addressed

4. Protect Community Character and Conserve Energy

Modes

- ✧ Highway and Bridge
- ✧ Public Transportation
- ✧ Goods Movement

Data source(s)

- GTC Travel Demand Model and associated emissions post-processor

User Cost per Mile per Trip

Measure of: operational efficiency

GTC Goal addressed

5. Promote Efficiency

Modes

- ✧ Highway and Bridge
- ✧ Public Transportation

Data source(s)

- GTC Travel Demand Model
- GTC TIP

GENESEE TRANSPORTATION COUNCIL

