LONG-RANGE TRANSPORTATION PLAN 2001 UPDATE

MAY 2001

Financial assistance for the preparation of this document was provided, in part, by the U.S. Department of Transportation’s Federal Highway and Federal Transit Administrations and the New York State Department of Transportation. The Syracuse Metropolitan Transportation Council (SMTC) is solely responsible for its content.

For further information contact:

Syracuse Metropolitan Transportation Council
126 N. Salina Street
100 Clinton Square, Suite 100
Syracuse, NY 13202
Phone: (315) 422-5716; Fax: (315) 422-7753
www.smtcmpo.org
# Long-Range Transportation Plan 2001 Update

## Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>6</td>
</tr>
<tr>
<td>Chapter 1: Introduction</td>
<td>8</td>
</tr>
<tr>
<td>Chapter 2: Goals, Objectives and Evaluation of Action Plans</td>
<td>15</td>
</tr>
<tr>
<td>Chapter 3: Land Use and Population</td>
<td>31</td>
</tr>
<tr>
<td>Chapter 4: Air Quality</td>
<td>43</td>
</tr>
<tr>
<td>Chapter 5: Metropolitan and Inter-City Travel</td>
<td>46</td>
</tr>
<tr>
<td>Chapter 6: Freight Movement</td>
<td>67</td>
</tr>
<tr>
<td>Chapter 7: Bridges</td>
<td>72</td>
</tr>
<tr>
<td>Chapter 8: Pavement</td>
<td>76</td>
</tr>
<tr>
<td>Chapter 9: Safety</td>
<td>79</td>
</tr>
<tr>
<td>Chapter 10: Congestion Management System (CMS)</td>
<td>84</td>
</tr>
<tr>
<td>Chapter 11: Financial Plan</td>
<td>93</td>
</tr>
<tr>
<td>Chapter 12: Conformity Determination</td>
<td>97</td>
</tr>
<tr>
<td>Appendix 1: Conformity Analysis</td>
<td>102</td>
</tr>
<tr>
<td>Appendix 2: List of References</td>
<td>117</td>
</tr>
<tr>
<td>Appendix 3: Commonly Used Acronyms</td>
<td>119</td>
</tr>
</tbody>
</table>
List of Tables:

Table 3-1: Population (Syracuse MSA, 1950-1999) .................................................. 33
Table 3-2: Population Estimates (by age group) ....................................................... 35
Table 3-3: Household Projections ........................................................................... 36
Table 3-4: Persons Per Household .......................................................................... 36
Table 3-5: Building and Demolition Permits ............................................................ 37
Table 3-6: Manufacturing and Construction Employment ....................................... 38
Table 3-7: Wholesale and Retail Trade Employment ................................................. 39
Table 3-8: Transportation and Public Utilities Employment ..................................... 40
Table 3-9: Service Industries Employment ............................................................... 40
Table 3-10: Finance, Insurance and Real Estate Employment ................................. 41
Table 5-1: Total Enplaned and Deplaned Passenger (Syracuse Hancock Intl. Airport) .......................................................... 61
Table 5-2: Number of Pleasure Craft Lockings ......................................................... 65
Table 7-1: Bridge Condition Ratings, Onondaga County ......................................... 75
Table 7-2: Local Bridge Condition Ratings ............................................................... 75
Table 8-1: Pavement Conditions ............................................................................. 76
Table 9-1: High Accident Locations: NYS-Owned Roads ...................................... 81
Table 9-2: High Accident Locations: Onondaga County-Owned Roads .................. 82
Table 9-3: High Accident Locations: City of Syracuse-Owned Roads ..................... 83
Table 10-1: Improvement Projects Programmed, 1999-2004 TIP ............................. 91
Table 11-1: Highway Capital Funding, Estimated Resources Available .................. 94
Table 11-2: Transit Operations and Capital Funding, Estimated Resources Available 95
Table 11-3: Allocation of Resources by Long-Range Transportation Plan Objective 96
Table 12-1: Non-Exempt Projects ......................................................................... 98
Table 12-2: Transportation Control Measures (TCM’s) ........................................... 100
Table 12-3: Transportation Control Measures (TCM’s) Update .............................. 101

List of Figures:

Figure 1-1: Transportation Planning and Programming Process ............................. 12
Figure 1-2: 1999-2004 Transportation Improvement Program Projects (by project type) ..................................................... 13
Figure 3-1: Population (Onondaga County) .............................................................. 34
Figure 5-1: Mode of Transportation to Work ........................................................... 49
Figure 5-2: Mode of Transportation to Work (by town) ......................................... 50
Figure 5-3: Highway Performance Monitoring System/Daily Vehicle Miles of Travel.. 51
Figure 5-4: CNYRTA Ridership ............................................................................ 52
Figure 5-5: Airport Passengers, 1996-2000 ............................................................ 59
Figure 5-6: Syracuse Amtrak Ridership, 1980-2000 .............................................. 63
List of Maps:

Map 1-1: SMTC Study Area ................................................................. 11
Map 2-1: 1995-2001 UPWP Completed Planning Studies.......................... 17
Map 5-1: Functional Classification .................................................... 48
Map 5-2: Transit Service in the SMTC Study Area ............................ 55
Map 5-3: Major Trail Route Map...................................................... 59
Map 5-4: Air, Water and Rail Passenger Movement Facilities .......... 66
Map 6-1: Air, Water and Rail Freight Movement Facilities ................. 70
Map 6-2: Proposed Truck Routes..................................................... 71
Map 7-1: Bridge Ratings in Onondaga County .................................. 73
Map 8-1: Pavement Condition Ratings for Federal-Aid Eligible Roads ... 77
Map 9-1: High Accident Locations in Onondaga County by Jurisdiction .. 80
Map 10-1: Road Segment Traffic Count Locations ............................ 85
Map 10-2: Intersection Count Locations .......................................... 86
Map 10-3: Congested Intersection Locations ..................................... 88
Map 10-4: Congested Road Segment Locations ............................... 89
Map 10-5: Road Segments with Excess Delay ................................. 90
WHEREAS, The Syracuse Metropolitan Transportation Area contains a complex, multimodal transportation system, which must be maintained in a good state of repair to preserve the infrastructure, improve safety, provide system connectivity, improve mobility, increase access and support economic growth; and

WHEREAS, the Syracuse Metropolitan Transportation Council (SMTC) is the federally designated Metropolitan Planning Organization (MPO) responsible for the preparation of long-range transportation plans; and

WHEREAS, the Transportation Equity Act for the 21st Century (TEA-21) of 1998 mandates that MPOs must update their long-range transportation plans every three years; and

WHEREAS, the SMTC has prepared the 2020 Long-Range Transportation Plan 2001 Update to examine and consider changes in trends and conditions, and to confirm the validity of the forecasts and assumptions used in the 1995 Long-Range Transportation Plan and the 1998 Long-Range Transportation Plan Update; and

WHEREAS, Onondaga County was designated in October 1993 as a maintenance area under the provisions of the Clean Air Act; and

WHEREAS, the projects in the 2020 Long-Range Transportation Plan 2001 Update, including other major regional transportation projects not receiving federal funds, has been determined to conform with the New York State Implementation Plan for Air Quality (SIP); and

WHEREAS, This determination is consistent with conformity provisions for maintenance areas; and

WHEREAS, the 2020 Long-Range Transportation Plan 2001 Update has been made available for public comment, and subsequently approved by the SMTC Planning Committee; and

WHEREAS, the SMTC Policy Committee is the policy making body of the MPO having the authority to adopt the 2020 Long-Range Transportation Plan 2001 Update;
NOW THEREFORE BE IT RESOLVED that the Syracuse Metropolitan Transportation Council Policy Committee does hereby approve the 2020 Long-Range Transportation Plan 2001 Update.

BE IT FURTHER RESOLVED that the 2020 Long-Range Transportation Plan 2001 Update conforms to the New York State Implementation Plan for Air Quality (SIP) through previous analyses by measurably reducing the amount of carbon monoxide emitted from mobile sources and by implementing, in a timely manner, the Transportation Control Measures defined in the SIP.

_______________________________________ _______________________________________
William E. Sanford, Chairperson          Jon Edinger, Secretary
SMTC Policy Committee                 SMTC Policy Committee

Date: ______________________________  Date: _____________________________