



WICHITA FALLS  
**MPO**  
METROPOLITAN PLANNING ORGANIZATION

**Wichita Falls**

**Metropolitan Planning Organization**

**2015-2040 Metropolitan Transportation Plan Update**



# Table of Contents

- INTRODUCTION ..... 1-2**
  - WFMPO BACKGROUND ..... 1-2
  - METROPOLITAN TRANSPORTATION PLAN ..... 1-3
  - LEGISLATIVE BASIS FOR VISION 2040 ..... 1-5
  - RESOLUTION ..... 1-8
  - ACKNOWLEDGEMENTS ..... 1-9
  - ACRONYMS ..... 1-10
- PERFORMANCE BASED PLANNING ..... 2-2**
  - REGIONAL VISION ..... 2-2
  - GOALS, OBJECTIVES, AND PERFORMANCE MEASURES ..... 2-3
    - Goal 1: Provide more transportation choices for everyone* ..... 2-3
    - Goal 2: Create great places with vibrant economies* ..... 2-4
    - Goal 3: Increase the safety and security of the transportation network* ..... 2-5
    - Goal 4: Maintain and build an efficient, highly mobile transportation system* ..... 2-5
    - Goal 5: Find new sources of revenue to complete more projects* ..... 2-6
- PUBLIC PARTICIPATION ..... 3-2**
  - OVERVIEW ..... 3-2
  - SOCIAL MEDIA OUTREACH ..... 3-2
  - SURVEYS ..... 3-3
  - PUBLIC MEETINGS ..... 3-4
  - PUBLIC WORKSHOPS/FORUMS ..... 3-5
  - 30-DAY PUBLIC COMMENT PERIOD ..... 3-8
- SOCIOECONOMIC AND DEMOGRAPHIC INFORMATION ..... 4-2**
  - POPULATION, HOUSING, INCOME, AND EMPLOYMENT ..... 4-2
    - Wichita Falls MSA* ..... 4-2
    - MSA Principal City* ..... 4-2
  - REGIONAL GROWTH AND MOBILITY TRENDS ..... 4-6
  - ENVIRONMENTAL JUSTICE ..... 4-11
    - Introduction* ..... 4-11
    - Purpose* ..... 4-12
    - Analysis* ..... 4-12
    - Environmental Justice Area* ..... 4-13
- TRAVEL DEMAND MODELING ..... 5-2**
  - TRAFFIC ANALYSIS ZONES ..... 5-2
  - TDM OVERVIEW ..... 5-3
  - METHODOLOGY ..... 5-4
  - VALIDITY ..... 5-5

OUTCOMES.....	5-8
SCENARIO PLANNING THROUGH ALTERNATIVE ANALYSIS .....	5-10
<i>Added Capacity/Added Mobility Projects</i> .....	5-10
<b>TRANSPORTATION PLANS.....</b>	<b>6-2</b>
WFMPO PRIORITIZED PROJECT LIST .....	6-2
THOROUGHFARE PLAN .....	6-5
PUBLIC TRANSPORTATION PLAN.....	6-7
TRANSIT ORIENTED DEVELOPMENT.....	6-10
TOD STUDY PRELIMINARY RESULTS – NOVEMBER 2014 .....	6-15
BICYCLE AND PEDESTRIAN MASTER PLAN.....	6-16
<i>Overview</i> .....	6-16
<i>Initiatives</i> .....	6-16
<i>Education</i> .....	6-17
<i>Bike Detection</i> .....	6-18
<i>Safe Routes to School</i> .....	6-18
<i>Infrastructure Development</i> .....	6-20
<i>Priorities</i> .....	6-20
TRAFFIC OPERATIONS PLAN.....	6-21
<i>Mitigating Congestion</i> .....	6-21
<i>Traffic Signal System</i> .....	6-22
<i>System Control</i> .....	6-22
<i>Traffic Operations Summary – Recommended Plans, Policies, and Programs</i> .....	6-23
FREIGHT MOVEMENT PLAN.....	6-24
<i>Plan Organization</i> .....	6-25
<i>Highway System Freight Profile</i> .....	6-26
<i>Traffic Volumes</i> .....	6-28
<i>Strategy Development</i> .....	6-28
EMERGENCY OPERATIONS PLAN.....	6-29
<i>Situation</i> .....	6-29
<i>Assumptions</i> .....	6-29
<i>Concept of Operations</i> .....	6-30
<i>Organization and Assignment of Responsibilities</i> .....	6-31
FINANCIAL PLAN .....	6-32
<i>Introduction</i> .....	6-32
<i>Fiscal Constraint</i> .....	6-35
<i>Revenue Projections</i> .....	6-36
<i>Revenue Versus Cost</i> .....	6-39
<b>LONG-RANGE PLAN RECOMMENDATIONS.....</b>	<b>7-2</b>
INTRODUCTION .....	7-2
OPERATIONAL AND MANAGEMENT STRATEGIES .....	7-3
<i>Transportation Supply</i> .....	7-3
<i>Transportation System Operations and Management</i> .....	7-4
SAFETY AND SECURITY ACTIVITIES, POLICIES, AND PROGRAMS .....	7-7

<i>Transportation Safety and Security</i> .....	7-7
CAPITAL INVESTMENT STRATEGIES .....	7-10
<i>Nontraditional Funding</i> .....	7-10
<i>Institutional Capability</i> .....	7-13
ENVIRONMENTAL MITIGATION ACTIVITIES, POLICIES, AND PROGRAMS .....	7-15
<i>Law and Legal Definition</i> .....	7-15
<i>Types of Potential Mitigation Activities</i> .....	7-15
<i>Environmental Stewardship</i> .....	7-16
TRANSIT ENHANCEMENT ACTIVITIES, PROGRAMS, AND STRATEGIES .....	7-17
<i>Falls Ride</i> .....	7-17
<i>System Performance and Expansion</i> .....	7-18
<i>Transit Oriented Development</i> .....	7-19
WALKABLE AND LIVABLE COMMUNITY ACTIVITIES AND STRATEGIES .....	7-19
<i>New Urbanism</i> .....	7-20
<i>Smart Growth</i> .....	7-21
<i>Socioeconomic, Demographic, and Cultural Changes</i> .....	7-22
<i>Creating Walkable Places</i> .....	7-22
<i>Lean Urbanism</i> .....	7-23
<b>APPENDIX A: MAP-21 NATIONAL HIGHWAY PROGRAM PERFORMANCE GOALS.....</b>	<b>A-1</b>
<b>APPENDIX B: PUBLIC PARTICIPATION DOCUMENTATION .....</b>	<b>B-2</b>
<b>APPENDIX C: WFMPO BOUNDARY MAP .....</b>	<b>C-1</b>
<b>APPENDIX D: TRAVEL DEMAND MODEL MAPS.....</b>	<b>D-1</b>
POPULATION PROJECTION 2040 .....	D-1
HOUSING PROJECTION 2040.....	D-2
INCOME PROJECTION 2040 .....	D-3
EMPLOYMENT PROJECTION 2040 .....	D-4
<b>APPENDIX E: SOCIOECONOMIC &amp; DEMOGRAPHIC MAPS.....</b>	<b>E-1</b>
<b>APPENDIX F: FUTURE LAND USE MAP .....</b>	<b>F-1</b>
<b>APPENDIX G: FUNCTIONAL CLASSIFICATION MAP.....</b>	<b>G-1</b>
<b>APPENDIX H: TRANSIT ROUTE MAP .....</b>	<b>H-1</b>
<b>APPENDIX I: WICHITA FALLS CIRCLE TRAIL SYSTEM.....</b>	<b>I-1</b>
<b>APPENDIX J: WICHITA FALLS SIDEWALK INVENTORY .....</b>	<b>J-1</b>
<b>APPENDIX K: FREIGHT CORRIDORS MAP .....</b>	<b>K-1</b>
<b>APPENDIX L: 2015-2040 MTP PROJECT LIST .....</b>	<b>L-1</b>
<b>APPENDIX M: PRIORITIZED PROJECT LIST.....</b>	<b>M-1</b>