

TABLE OF CONTENTS

CHAPTER I	INTRODUCTION/BACKGROUND
Purpose of the Transportation Improvement Program.....	I-1
TIP Objectives	I-1
Understanding the Metropolitan Planning Organization	I-2
Legal Requirements Impacting the TIP	I-2
NCTCOG Fulfillment of TIP Requirements	I-4
Relationship to Transportation Planning Process.....	I-5
Mobility 2045.....	I-5
Unified Planning Work Program for Regional Transportation Planning	I-6
TxDOT Unified Transportation Program and Statewide Transportation Improvement Program	I-6
Management Systems	I-7
Approval of the Transportation Improvement Program	I-8
Planning Areas	I-8
CHAPTER II	PUBLIC INVOLVEMENT
Public Participation Plan.....	II-5
CHAPTER III	PROJECT SELECTION AND PRIORITIZATION PROCESS
Transportation Funding Programs.....	III-3
Project Selection Responsibility.....	III-8
Project Selection Criteria and Evaluation	III-9
Metropolitan Planning Organization	III-9
Performance Measures in Project Selection.....	III-11
Addressing Performance Targets.....	III-12
Texas Department of Transportation	III-13
Project Monitoring, Refinement, and Revision.....	III-13
RTC TIP Modification Policy and Process	III-13
CHAPTER IV	PROJECT IMPLEMENTATION/PROGRESS FROM PREVIOUS YEARS
Project Implementation.....	IV-1
Roadway Projects.....	IV-2
Transit Projects	IV-2

CHAPTER V	TRANSPORTATION CONFORMITY	
Background	V-1	
Transportation Control Measures	V-2	
Exempt Projects.....	V-2	
CHAPTER VI	PUBLIC TRANSPORTATION SERVICES	
Service Providers	VI-1	
Intercity Rail and Bus	VI-2	
Funding.....	VI-2	
Urbanized Area Formula Program	VI-2	
Fixed Guideway Capital Investment Grants Program	VI-3	
Enhanced Mobility of Seniors and Individuals with Disabilities Program.....	VI-3	
Nonurbanized Area Formula Program	VI-3	
State of Good Repair Program	VI-3	
Bus and Bus Facilities Program	VI-3	
Performance Measures	VI-3	
CHAPTER VII	PROJECT LISTINGS	
STIP Report Legend.....	VII-2	
Federally, State and Regionally-Funded Roadway Projects – Fort Worth District	VII-5	
Federally, State and Regionally-Funded Roadway Projects – Dallas District.....	VII-53	
Federally, State and Regionally-Funded Roadway Projects – Paris District.....	VII-147	
Federally Funded Transit Projects – Fort Worth District	VII-159	
Federally Funded Transit Projects – Dallas District	VII-163	
Grouped CSJs	VII-171	
CHAPTER VIII	FINANCIAL PLAN	
CHAPTER IX	REGIONAL PERFORMANCE	
National Performance Requirements.....	IX-1	
Addressing Performance in the 2019-2022 TIP	IX-1	
Required Performance Measures.....	IX-2	
Safety (PM1)	IX-2	
Measure 1: Number of Fatalities	IX-3	
Measure 2: Rate of Fatalities per 100 Million Vehicle Miles Traveled	IX-3	
Measure 3: Number of Serious Injuries	IX-3	
Measure 4: The Rate of Serious Injuries per 100 Million Vehicle Miles Traveled ...	IX-4	
Measure 5: The Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries	IX-4	

Infrastructure Conditions (PM2) and Asset Management Plans	IX-5
System Performance, Freight, and CMAQ (PM3)	IX-6
Observed System Performance	IX-6
Freight Movement	IX-8
CMAQ/Air Quality	IX-9
Transit Asset Management	IX-9
Project Selection Efforts	IX-11
Summary.....	IX-12

CHAPTER X SELF CERTIFICATION

APPENDICES

APPENDIX A	MPO DESIGNATION AGREEMENT
APPENDIX B	RTC RESOLUTION APPROVING 2019-2022 TIP
APPENDIX C	SUMMARY OF METROPOLITAN TRANSPORTATION PLAN
APPENDIX D	ENVIRONMENTAL CLEARANCE & OUT-YEAR PROJECTS
APPENDIX E	SUMMARY REGIONAL CONGESTION MANAGEMENT PROCESS
APPENDIX F	COMPREHENSIVE LIST OF FUNDING COMMITMENTS
APPENDIX G	FEDERAL APPROVAL LETTER
APPENDIX H	NON-REGIONALLY SIGNIFICANT ARTERIALS IN MOBILITY 2045
APPENDIX I	MODIFICATIONS TO THE 2019-2022 TIP LISTINGS

TABLE OF EXHIBITS

EXHIBIT I-1	Factors to be Considered in the Planning Process.....	I-5
EXHIBIT I-2	US Census Bureau, Urbanized Areas (2010)	I-9
EXHIBIT I-3	Metropolitan Planning Area within the NCTCOG Region	I-10
EXHIBIT I-4	Nonattainment Area.....	I-11
EXHIBIT III-1	Roadway Section Program Selection Responsibility.....	III-2
EXHIBIT III-2	Transit Section Program Selection Responsibility	III-3
EXHIBIT III-3	State and Federal Roadway Section Funding Categories	III-3
EXHIBIT III-4	Federal Transit Section Funding Categories	III-7
EXHIBIT III-5	1992 and 1994 Call for Projects Selection Criteria	III-15
EXHIBIT III-6	Example of Project Evaluation Methodologies, 1992 and 1994 Call for Projects.....	III-16
EXHIBIT III-7	Project Evaluation Criteria – 1999 Call for Projects.....	III-17
EXHIBIT III-8	2001 Park-and-Ride Call for Projects -- Project Screening Criteria.....	III-19
EXHIBIT III-9	2001 Land Use/Transportation Joint Venture Program – Project Selection Process	III-20
EXHIBIT III-10	Partnership Program Evaluation Methodology	
	Strategic Funding Program, Arterial Streets	
	Emphasis Areas and Proposal Content.....	III-21
	Strategic Funding Program, Arterial-Intersection and Bottleneck	
	Emphasis Areas and Proposal Content.....	III-23
	Strategic Funding Program, Intelligent-Transportation System Projects	
	Emphasis Areas and Proposal Content.....	III-25
	Joint TxDOT/RTC Freeway/Interchange/Bottleneck Partnership Program	
	Eligibility and Selection Priority	III-28
	Local Air Quality Program, Bicycle/Pedestrian Regional Connections	
	Eligibility, Emphasis Areas, and Proposal Content.....	III-29
	Evaluation Methodology	III-31
	Local Air Quality Program, Regional/Innovative Projects and Programs to Improve Air Quality	
	Eligibility, Emphasis Areas, and Proposal Content	III-32
	Screening Process.....	III-34
	Local Air Quality Program, Park-and-Ride Facilities	
	Eligibility, Emphasis Areas, and Proposal Content	III-35
	Evaluation Methodology	III-36
	Local Air Quality Program, Traffic Signal Projects	
	Eligibility, Emphasis Areas, and Proposal Content	III-37
	Evaluation Methodology	III-39
	Sustainable Development Program, Planning Project Screening Process.....	III-40
	Land Banking Interview Question.....	III-41
EXHIBIT III-11	Regional Toll Revenue Sustainable Development Call for Projects	III-42

EXHIBIT III-12	Regional Toll Revenue Evaluation Methodology and Definitions	
	On- and Off-System Projects	III-43
	Bicycle/Pedestrian Projects	III-45
	Intersection Improvement Projects.....	III-46
	Intelligent Transportation System Projects	III-47
	Park-and-Ride Projects	III-48
	Traffic Signal Improvement Projects	III-49
	Transit Projects	III-50
EXHIBIT III-13	SH 161 Funding Initiative/Project Selection Process	III-51
EXHIBIT III-14	2014 Transportation Alternatives Program/MPO Ranking Process	III-52
EXHIBIT III-15	Transportation Development Credits “Type 2-Local Agency Has Revenue”	III-53
EXHIBIT III-16	2017 Transportation Alternatives Set-Aside Call for Projects Criteria	III-54
EXHIBIT III-17	Evaluation and Scoring Criteria for Regional Traffic Signal Retiming Program.....	III-55
EXHIBIT III-18	2017-2018 CMAQ/STBG Funding Program Selection Criteria	III-57
EXHIBIT III-19	10-Year Plan Congestion Criteria.....	III-58
EXHIBIT III-20	10-Year Plan Non-Congestion Criteria.....	III-58
EXHIBIT III-21	2040 All-or-Nothing Weekday Demand.....	III-59
EXHIBIT III-22	Transportation Improvement Program Modification	
	Policy RTC Approved on March 14, 2013	III-60
EXHIBIT IV-1	Roadway – Project Implementation/Progress from Previous Years, TxDOT Fort Worth District....	IV-3
EXHIBIT IV-2	Roadway – Projects Implementation/Progress from Previous Years, TxDOT Dallas District	IV-29
EXHIBIT IV-3	Roadway – Projects Implementation/Progress from Previous Years, TxDOT Paris District	IV-71
EXHIBIT IV-4	Transit – Projects Implementation/Progress from Previous Years, TxDOT Fort Worth District....	IV-75
EXHIBIT IV-5	Transit – Projects Implementation/Progress from Previous Years, TxDOT Dallas District	IV-81
EXHIBIT V-1	Map, DFW Nonattainment Area and MPA Boundary.....	V-3
EXHIBIT VI-1	Map, Public Transportation Provider Service Area.....	VI-2
EXHIBIT VIII-1	Financial Summary, Roadway – TxDOT Fort Worth District	VIII-2
EXHIBIT VIII-2	Financial Summary, Roadway – TxDOT Dallas District	VIII-3
EXHIBIT VIII-3	Financial Summary, Roadway – TxDOT Paris District	VIII-4
EXHIBIT VIII-4	Financial Summary, Transit – TxDOT Fort Worth District.....	VIII-5
EXHIBIT VIII-5	Financial Summary, Transit – TxDOT Dallas District	VIII-6
EXHIBIT IX-1	Federally Required Performance Measure Implementation Schedule	IX-1
EXHIBIT IX-2	Five-Year Rolling Average for the Number of Fatalities	IX-3
EXHIBIT IX-3	Five-Year Rolling Average for the Rate of Fatalities	IX-3
EXHIBIT IX-4	Five-Year Rolling Average for the Number of Serious Injuries	IX-4
EXHIBIT IX-5	Five-Year Rolling Average for the Rate of Serious Injuries	IX-4

EXHIBIT IX-6	Five-Year Rolling Average for the Number of Non-Motorized Fatalities and Serious Injuries (Statewide)	IX-5
EXHIBIT IX-7	Five-Year Rolling Average for the Number of Non-Motorized Fatalities and Serious Injuries (Regional).....	IX-5
EXHIBIT IX-8	Reliability on the National Highway System.....	IX-7
EXHIBIT IX-9	Truck Travel Time Reliability on the Interstate System	IX-8
EXHIBIT IX-10	Proposed Transit Asset Management Targets for 2018	IX-10
EXHIBIT IX-11	Rolling Stock Performance Compared to Targets.....	IX-11
EXHIBIT X-1	Agreement of Understanding, Coordination of Metropolitan Transportation Planning.....	X-2
EXHIBIT X-2	MPO Self-certification for Nonattainment Areas	X-4
EXHIBIT C-1	Mobility 2045 Goal Summary	C.5