

TXDOT/RTC PARTNERSHIP FOR RELIABILITY, CONGESTION MITIGATION, AND AIR QUALITY

REGIONAL TRANSPORTATION COUNCIL

MARCH 13, 2014



North Central Texas
Council of Governments
Transportation Department

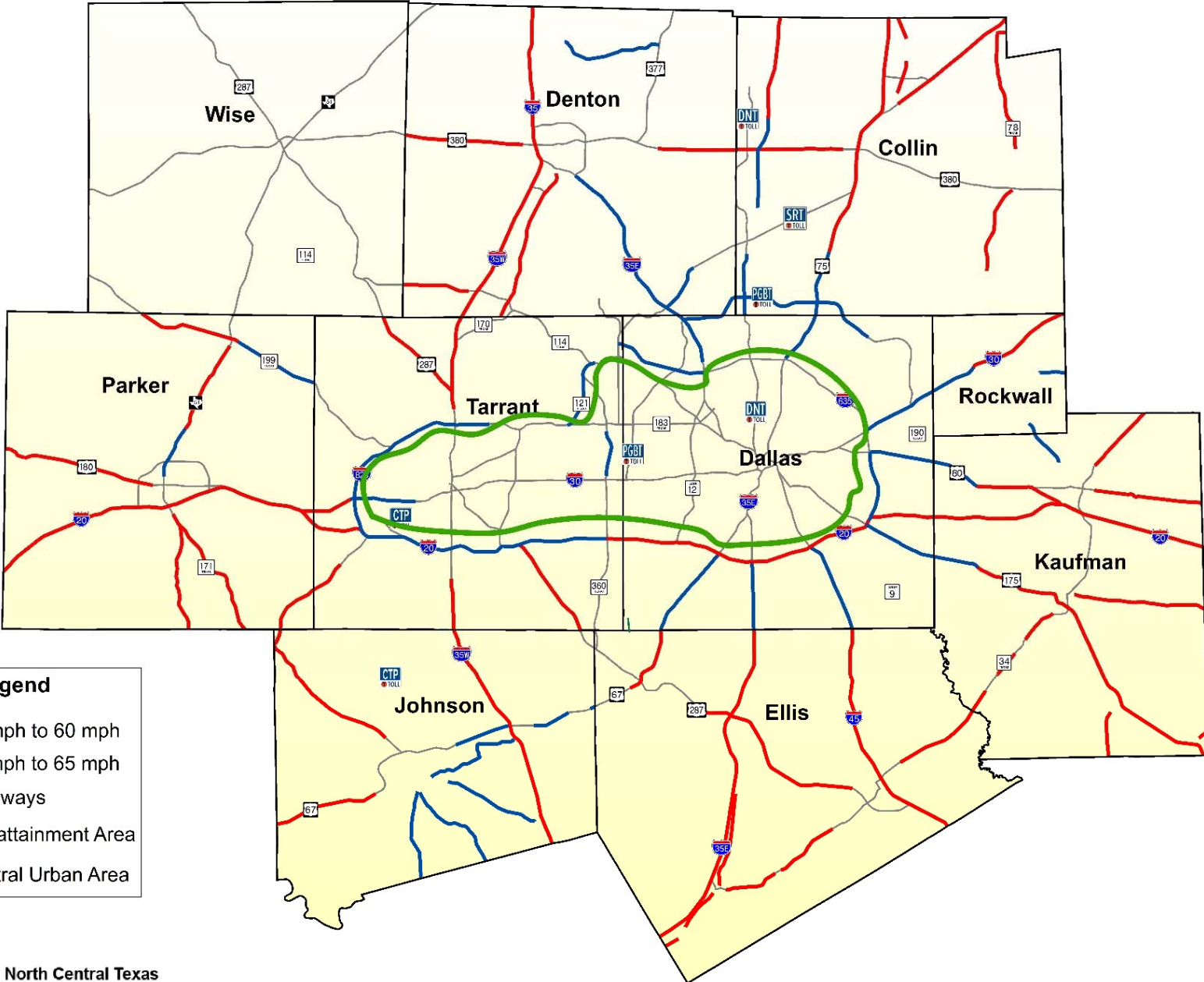
RTC/TXDOT PARTNERSHIP

- Flexible CMAQ funding partnership with TxDOT
- TxDOT request to remove environmental speed limit restrictions
- Need to offset emission benefits of environmental speed limits
- Availability of MAP-21 funds
- Congestion, Reliability, & Incident Management
- TDC transfer and establish “revolver” fund for RTC initiatives

FUNDING “BUCKETS”

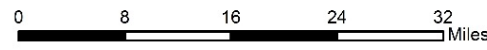
	IN MILLIONS	NEW FUNDS
Flexible CMAQ Funds (advance projects)	\$25	✓
Environmental Speed Limits & Reliability/ Incident Management Partnership		
◦ CMAQ Freed Up by Flexible CMAQ	\$25	
◦ New STP-MM Funds - MAP-21 (FY2014)	\$10	✓
◦ Quick Implementation CMAQ funds (FY2014)	\$24	✓
TDC transfer to create “revolver” (Credits)	25-50	
Revolver Fund for RTC Initiatives	\$ 5	✓

2001 Environmental Speed Limits



Legend

- 65 mph to 60 mph
- 70 mph to 65 mph
- Highways
- Nonattainment Area
- Central Urban Area



IMPACT OF REMOVING ENVIRONMENTAL SPEED LIMITS

- Emissions benefits to be offset: ≈ 0.4 tons of Nitrogen Oxides (NO_x) per day
- Equity impact to central urban areas vs. suburban/rural areas
- Suburban/rural areas benefit from increased speeds and funding from signal call for projects
- Propose operational improvements (signals, ITS) in central urban area
- Propose new round of air quality initiatives

IMPLEMENTATION OF CONGESTION MANAGEMENT PROCESS (CMP)

- Equity: Focus on central urban area
- Create a TxDOT partnership
- Facilitate incident response & increase reliability
- Coordinate with ongoing Regional Traffic Signal Retiming Call for Projects
- Proposed partnership:
 - Focus on State Highway System, including frontage roads
 - Fund traffic signal progression with minor equipment upgrades if needed
 - Fund intelligent transportation system
 - Fund truck lane restrictions (STP-MM)

RELIABILITY AND INCIDENT MANAGEMENT THROUGH TRAFFIC SIGNAL RETIMING

- Regional Traffic Signal Retiming Program Call for Projects underway
- Recommend funding TxDOT Dallas, TxDOT Fort Worth, City of Dallas, City of Fort Worth, and other cities in central urban core through new RTC/TxDOT partnership
- Benefits other agencies in region call by increasing the pool of revenues for their projects
- Implement an aggressive frontage road reliability program

QUICK IMPLEMENTATION – CMAQ FUNDS

- TxDOT focus on faster project delivery
- RTC emphasis on project delivery as well
- Most recent analysis of project implementation (based on 2012 analysis):
 - 10 years or older – over 20 percent not implemented
- Clean up existing project listings
- Additional CMAQ and STP-MM funds available for FY2014 and FY2015 implementation

COMPREHENSIVE PARTNERSHIP: COMBINE EFFORTS

- Flexible CMAQ funds
- CMAQ freed up by flexible CMAQ
- Remove environmental speed limits
- Implement congestion management process, including reliability and incident management
- Quick implementation of projects in FY2014
- TDC transfer to TxDOT to receive \$5 million revolver for RTC initiatives

ACTION REQUESTED

- Approve projects in RTC/TxDOT Partnership: Flexible CMAQ Funds, Environmental Speed Limits, Reliability, Incident Management, Congestion Management, and Air Quality
- Administratively amend TIP/STIP to include projects in reference item
- The Surface Transportation Technical Committee recommended RTC approval of the actions noted above in February 2014