University of Texas
Center for Transportation Research

Interlocal Agreement

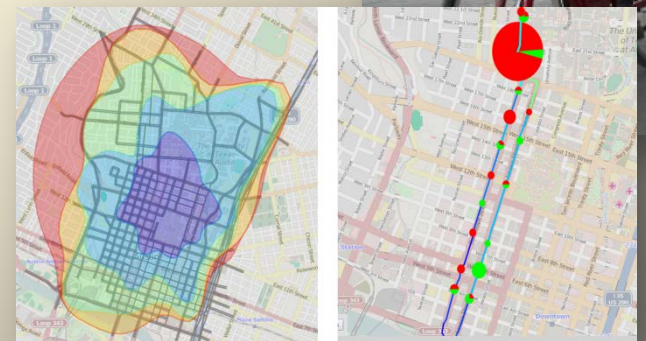**Urban Transportation Commission**

January 12, 2016

UT Center for Transportation Research (CTR)

- One of the leading university-based transportation research centers in the world.

- Local resource - Located at The University of Texas at Austin.

- CTR is part of the Tier 1 University of Texas Transportation Center for Data-Supported Transportation Operations and Planning (D-STOP), which was awarded to UT by the U.S. DOT.

- CTR currently contracts with:
  - TxDOT
  - National Science Foundation
  - US Dept. of Transportation
  - Transportation Safety Board
  - Federal Highway Administration
  - Federal Rail Administration
  - Department of Homeland Security
  - CAMPO
  - North Central Texas Council of Governments

CTR Interlocal Agreement

- Agreement Duration: 5 years

- Requested Authorization: $500,000/year

- Council Approved FY15-16 Budget: $250,000

- Provide access to multidisciplinary expertise:
  - Center for Transportation Research
  - Texas Advanced Computing Center
  - Electrical and Computer Engineering Departments
  - School of Architecture
  - Department of Communication Studies
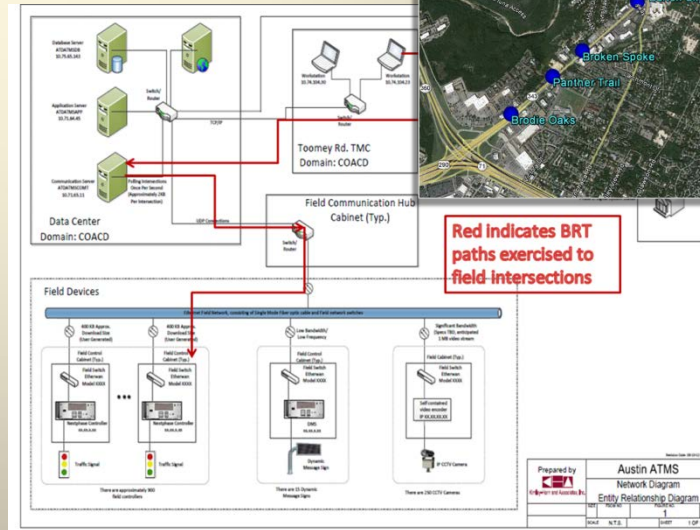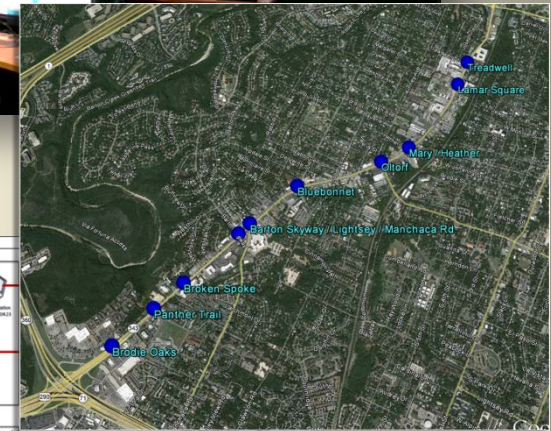 - Wireless Networking and Communications Group

CTR Interlocal Agreement

Initial Projects

- TMC Performance Metrics

- Data Warehouse

- Analyze Adaptive Signal Control Performance

Future Projects

- Methodology for ranking CIP Projects for mobility & safety

- Transportation Demand Management data analysis

- White papers, policy research, peer-city reviews, etc.

  - Sidewalk riding policy research

  - Best practice for transit priority

Red indicates BRT paths exercised to field intersections

CTR Interlocal Agreement

Mutually beneficial agreement:

Benefits to the city:

- Access to varied expertise & experience
- Exposure to latest best practices and strategies from emerging research
- Extension of staff

Benefits to CTR:

- Provides students/researchers real-world data for research
- Exposure to urban transportation challenges and opportunities
- Immersed in post-university work environment

Upcoming Schedule:

1/12/16	UTC
2/3/16	Mobility Committee
2/25/16	City Council

Questions?