S.A.M.E Dallas Chapter Meeting
January 22, 2018

MOBILITY IN DALLAS COUNTY
Our Vision — To Be:

- Operationally a model government entity
- A healthy community
- Safe, secure, and prepared
- A proactive regional partner
- The destination of choice for businesses and residents
PUBLIC WORK’S MISSION/VISION

Regional Transportation Projects

Quality of Life

Leading Planner

High Value Added
Overview Outline

Background
• Past, Present, Future

MCIP
• What is MCIP?
• Benefits of MCIP

New Mobility Plan
• Why do we need a Mobility Plan?
• Benefits of a Mobility Plan
• Schedule

Accomplishing Mobility
• Inland Port
• Indefinite Delivery/ Indefinite Quantity
History

- Dallas County Population 1940: 398,564
  - 13 Incorporated Cities
  - 1946 City of Dallas Map

- Dallas County Population 1960: 951,527
  - 20 Incorporated Cities

- 1965 County adopted Major Thoroughfare Master Plan

- BOND PROGRAMS
  - 1957: $17M for state highway projects
  - 1961: $18.5M passed for Courthouse
  - 1969: $80M for thoroughfare and $20M for highway
History Prior to 1966

- Streetcar use began dwindling post WWII and finally gave way to the automobile in the mid-1950s
Dallas County Thoroughfare Plan

- Current Dallas County Thoroughfare Plan originated in 1965 with one major update in 1973 and various minor updates over the years
• 1970 Census population: 1.3M
• Unincorporated area about 22.3% of total land area
• Only 25 Cities within Dallas County
Bond Program History

- **1969 ($100M)**
  - State Highway- 9 Projects
  - Thoroughfare- 36 Projects

- **1977 ($135.6M)**
  - Proposition I
    - State Highway/FAUS- 41 Projects
  - Proposition II
    - Thoroughfares- 65 projects

- **1985 ($154M)**
  - Proposition I
    - State Highway/FAUS Project- 15 Projects
  - Proposition II
    - Thoroughfares- 49 Projects
1999 the Dallas County Commissioners Court replaced its traditional bond-financing with Major Capital Improvement Program (MCIP).
What is The MCIP?

Major Capital Improvement Program (MCIP)

• Partnership program with Cities

• Dallas County funds up to 50% of project cost

• Selected through Call for Projects
  • Currently 6th Call (2014)

• From 1999-2020: Over $600M County funding has leveraged a total of over $1.6B in transportation infrastructure improvements across Dallas County
MCIP/City Partnership Projects

Wintergreen UPRR Overpass in The City of Hutchins

Mockingbird Bike/Ped Bridge at White Rock Lake in The City of Dallas

Pleasant Run Overpass in The City of Wilmer
Dallas County Today

- 1999 Major Capital Improvement Program (MCIP)
- 2010 Census was 2,337,741 in 31 Cities & 8.1% Unincorporated Areas
- Most of thoroughfare network incorporated into Cities
- Increasing MCIP requests for multimodal projects especially during last ten years
- New Urban Road & Bridge program for road maintenance
- NCTCOG Regional Thoroughfare Plan has been used to help determine eligibility for funding
Future Dallas County

Dallas County (2010 Census): 2,337,741
Forecast Dallas County (2040 Census): 3,357,524
Forecast Growth: +43.6%

2040 Household Population Density: Dallas County
Time for a new approach: Dallas County Mobility Plan

• Recent requests for County Mobility-Thoroughfare designation

• Status of Regional Thoroughfare Plan

• A collaborative effort between Dallas County and the Cities of Dallas County

• Collaboration with Regional Transportation Agencies
  • DART, TxDOT, NCTCOG

• Mobility Plan will address issues such as Population Growth and Congestion

• Process
  • Collect Data
  • Analyze Demographics and Data
  • Develop the Mobility Plan
Future Transportation Factors

• Community Factors
  • Aging Demographics
  • Millennial Preference
  • Congestion and Capacity Challenges
  • Increasing Community Demand

• Transit Options
  • DART- Extensive bus network with express routes
  • DART- Light Rail
  • Regional Rail
  • High speed rail

• Other Alternative Modes
  • Trails, Complete Streets, Streetcars
  • Rideshare

• Autonomous vehicles and electric-assist bicycles

• Air Quality Restrictions
  • Managed/HOV Lanes
  • Lower Gas Tax Revenue
Schedule

2017: Winter (Early 2017):
  - Complete Data Collection – 90%
- Complete Roadway Segment ID Task
  - Begin Analysis – Model Runs

Spring:
- SEATA Presentation – April 2017
  - Complete Analysis
- Complete Thoroughfare Designation Task

Summer:
- Mobility Plan Workshop – June 29th
- Review with each Commissioner- July/August
- Complete Initial Phase
- Finalize Scope for Next Phase

Winter:
- Phase 1 Complete
- Initiate Phase 2 of Mobility Plan

2018: Summer:
- Mobility Plan Review Workshop Phase 2

Fall:
- Commissioner Court Briefing
- Finish Phase 2 of Mobility Plan

2019:
- 7th Call for Projects
SOUTHERN DALLAS COUNTY INLAND PORT MULTI-CITY INTERMODAL CONNECTIVITY AND ACCESS TO INTERSTATE FACILITIES (DISTRIBUTION CENTER DEVELOPMENT)

LEGEND:
- Future Development
- Highlighted Existing Development
- Permitted Development Sites
- Existing Rail
- UPRR Rail Expansion
- Proposed Roadway Scope
- Recently Completed/Ongoing
- Intermodal Rail Facilities
- Possible Future Interchange

MAP DISCLAIMERS:...
Implementation of Project Delivery - IDIQ

Indefinite Delivery / Indefinite Quantity (IDIQ)

- A contract that provides for an indefinite quantity of services during a fixed period of time

- Dallas County Purchasing Department solicits for vendors

- Selected through evaluation process

- Dallas County awards selected firms 5 year contracts (2 years with three 1 year extensions)

- Current Contracts in Place
  - Lab IDIQ (2016)
  - Appraisal IDIQ (2016)

- Dallas County New SBE Program/Office of Small Business Enterprise (Director Ruby Webb)
IDIQ FY2018 Schedule

Engineering Services
- General Engineering

Real Estate Services
- Real Estate Acquisition

Special Services
- Specialties: Planning/GIS/Bridges/Engineering/SUE
Dallas County Projects

Houston St. Viaduct

Mt. Creek Pkwy
Contact Information

Alberta Blair, P.E.
Public Works Director
Dallas County Public Works
Alberta.Blair@dallascounty.org

Jack Tidwell, AICP,CFM
Procurement and Outreach Manager
Dallas County Public Works
Jack.Tidwell@dallascounty.org
18th Annual SAME Infrastructure Forum

Fri, February 2, 2018
8:00 AM – 5:00 PM CST

University of Texas at Arlington E.H. Hereford University Center
300 W First Street
Arlington, TX 76019
Thank You!