2019 Dallas County MCIP Partnering Workshop

Welcome from Dallas County Public Works
Agenda

• Welcome and Introductions
• Presentation (with break)
• Lunch

• Information stations:
  • 7th Call Application process
  • Dallas County Mobility Plan
  • Five Phase Project Delivery
  • MCIP Master Agreement
Dallas County Commissioner Districts

County Judge
Clay Lewis Jenkins

Commissioner District 1
Dr. Theresa Daniel

Commissioner District 2
J.J. Koch

Commissioner District 3
John Wiley Price

Commissioner District 4
Dr. Elba Garcia
INTRODUCTIONS

- Name
- Agency
- Title/Department
Dallas County MCIP Overview

- In 1999 Dallas County changed from bond financing to pay-as-you-go partnership program
  - County participation up to 50% of eligible costs
- Variable program cycle
  - Flexibility allows program to be responsive
  - Initiating 7th Call for Projects in April 2019 for Construction funding in FY2022-FY2025
Twenty years of MCIP partnership history

- Six MCIP Call for Projects conducted
- Participation from 27 of the 31 Cities in Dallas County
- Nearly $600M County funding committed leveraging partnerships for a total of $1.6B in transportation infrastructure improvements built, in progress or funded
Continuing Together to Build Transportation Infrastructure History

- Partnering (Trust, Commitment, Shared Vision) on project delivery for a growing region:
  - With cities and other stakeholders on continuous process improvements including the recent Dallas County Mobility Plan
  - With regional partners (TxDOT, NCTCOG, DART, NTTA) also for effective interagency coordination

- MCIP 7th Call for Projects announced in April 2019
  - Construction funding in FY2022-FY2025

- Third edition of MCIP Master Agreement due for renewal by 2021
MCIP Master Agreement

Jonathan Toffer
Dallas County
MCIP Master Agreement

- Ten-year term agreement
- 3rd edition since Dallas County MCIP began
  - 1st edition most cities entered into by 2001
  - 2nd edition most cities entered into by 2011
    - Most will expire by Spring 2021
  - 3rd edition will supersede previous editions
Dallas County MCIP Funding

- Up to 50% for total eligible project costs
  - City funding match needed to begin design
- Plan for City bond election projects
  - Feasibility studies
  - Preliminary design funding
  - Full design funding
  - Right of Way participation for transportation projects
  - Construction funding
Dallas County MCIP Agreements

- Master Agreement (ten-year term)
- Project Specific Agreement (PSA)
- Funding Agreement (FA) confirms City match
- Project selected for MCIP funding commitment
- Construct Project

2019 MCIP Workshop
Dallas County MCIP Agreements

- Master Agreement
  - Ten-year term
- Project Funding Agreement
  - Unable to begin project until funding match confirmed in Funding Agreement
  - Funding for preliminary design
- Project Specific Agreement
  - Once scope confirmed, typically after preliminary design completed
### Cities That Have Active MCIP Master Agreements

- Addison
- Balch Springs
- Carrollton
- Cedar Hill
- Cockrell Hill
- Coppell
- Dallas
- DeSoto
- Duncanville
- Farmers Branch
- Garland
- Glenn Heights
- Grand Prairie
- Highland Park
- Hutchins
- Irving
- Lancaster
- Lewisville
- Mesquite
- Richardson
- Rowlett
- Sachse
- Sunnyvale
- Seagoville
- University Park
- Wilmer
Dallas County Public Works
5 Phase Project Delivery System

- Phase I - Planning & preliminary design
  - a - Project definition (CSS)
  - b - Preliminary design

- Phase II - Primary design

- Phase III - Design completion & ROW initiation

- Phase IV - ROW completion & Utility adjustment

- Phase V - Project delivery
  - a - Construction
  - b - Project Close out
Benefits of 5 Phase Project Delivery System

- Intensive planning beginning with Call for Projects
- Planning charrette (if required)
- Design partnering
- Preliminary design charrettes + public workshops
- S.U.E. + Utility partnering + USWAT
- Enhanced constructability review
- Context Sensitive Solutions, Total stakeholder involvement
- Early involvement in ROW acquisition
- Flexibility in emphasis
  - Ability to respond to changing priorities, new opportunities
  - Economic Impact
Delayed MCIP Projects

- **Two categories of delayed projects:**
  - MCIP projects without approved agreement for more than 4 years since selection
  - MCIP projects with an agreement, but more than 4 years without progress

- January 2019 letter sent to 12 cities that had delayed MCIP projects
  - If no agreement or progress plan by January 2020 then can reapply in 7th Call

- **Goal is for projects to be completed in less than 10 years from selection**
THE NEW MCIP MASTER AGREEMENT

PROPOSED UPDATES:
- Progress milestone dates:
  - Confirm city funding match with agreement within 5-year timeframe
- City responsibility for dams
- ETJ responsibility to be in a separate dedicated agreement
- Update to refer to adopted Dallas County Mobility Plan
THE NEW MCIP MASTER AGREEMENT

**SCHEDULE:**
- 2019-Fall: Draft Master Agreement to be sent to Cities
- 2020: Finalize and execute Master Agreements
- 2021: Expiration of current Master Agreement for most cities
- 2028-2029: Begin process of renewing MCIP Master Agreement by 2030
2019 MCIP Workshop

Break
Resume in 5-10 minutes
Dallas County Mobility Plan Review
Dallas County Mobility Plan – A New Approach

- Previous update to Dallas County Thoroughfare Plan back in 1973
  - Solely focused on thoroughfare capacity
- Status of NCTCOG Regional Thoroughfare Plan
- Recent requests for County Mobility-Thoroughfare designation
- Integration of new technologies and unique project requests
- A need to address issues such as Population Growth and Congestion
- Update to MCIP criteria to include more transportation modes
- Continued need for a collaborative effort between Dallas County and the Cities of Dallas County
- Collaboration with Regional Transportation Agencies
  - DART, TxDOT, NCTCOG
Mobility Plan Schedule

- October 22, 2015 – Mobility Plan Kickoff Meeting
- October 7, 2016 – Sent Letter Requesting City & Partner Agency Participation and City Transportation Plans
- December 2, 2016 – Presented Project Update at SAME Infrastructure Forum
- June 29, 2017 – Held Phase 1 Mobility Plan Workshop for Cities and Partner Agencies
- October 3, 2017 – Began Phase 2 of Mobility Plan
- July 17, 2018 – Began Phase 2 City Meetings Workshop
- April 16, 2019 – Court approval of Dallas County Mobility Plan
Dallas County
Thoroughfare Plan

Legend
Functional Class
- PRIMARY ARTERIAL
- SECONDARY ARTERIAL
- COLLECTOR
Dallas County Boundary
- Existing Highways
- Planned Highways
- Other Major Roadways
- Lakes
Dallas County
Bikeways & Trails

Legend
Bikeways and Trails
Type (Existing and Planned)
- Off-Street Trail
- On-Street Bikeway
- Other Pedestrian Path
- Other Unknown
- Dallas County Boundary
- Other Major Roadways
- Lakes
Dallas County
Transit

Legend
Station Areas
- Park & Ride
- Transfer Center
- Transit Center
- Rail Stations
Rail
- LRT Blue Line
- LRT Green Line
- LRT Orange Line
- LRT Red Line
- Trinity Railway Express
- Oak Cliff StreetCar
- Dallas StreetCar
- DCTA
- Cotton Belt Line (Future)
- NCTCOG Mobility 2045
- Transit Corridors
Bus Routes
- DART Routes
- Star Transit Routes
- Dart On-Call Zone
- Planned Highways
Dallas County Boundary
- Other Major Roadways
- Lakes
Project Milestones

- Collect City data
- Create GIS Map Package of Modal Plans and County Demographics
- Receive Cities Input & Feedback
- Understand Cities Major Demand Generators
- Update and Define County Roadway and Trail Sections
- Improve Call for Projects Application Process
- Develop & Finalize Selection Criteria for 7th Call for Projects
- Organize Findings into Executive Summary
- April 16, 2019: Adoption of Mobility Plan by Commissioners Court
- Spring 2019: Announce 7th Call for Projects
  - Fall 2019: Publish Final Mobility Plan Document
MCIP Project Selection Criteria updates

- Approval of updated selection criteria for 7th Call for Projects during December 18, 2018 Commissioners Court

- New Criteria will support four project categories:
  - Safety
  - Roadway Capacity
  - Bicycle and Pedestrian
  - Innovation

- Additional clarification on safety and innovative categories approved during April 16, 2019 Commissioners Court
New Criteria Categories

• Safety
  □ This category would consider projects that do not necessarily improve congestion or efficiency of the roadway network, but rather are focused on improving the safety on thoroughfares or multimodal facilities. This may include improvements related to mitigating vehicle crashes, traffic calming, intersection crossings, or other safety measures. In order for a safety project to be considered, it must relate to a facility identified on the Mobility Plan. Funding will be limited to $1 million Dallas County cost participation per project.

• Innovative & Alternative Transportation Solutions
  □ This category would encourage projects that involve alternative or innovative mobility strategies, particularly those that reduce single occupancy vehicle traffic. This category may include a wide range of transit-related improvements, including rail transit, bus transit, fixed-route shuttle service, and ride-share service. It is also intended to provide flexibility for projects that may involve future transportation technology, such as connected and autonomous vehicles, high-speed rail, Hyperloop, and “smart cities” technology. Projects considered as part of the Innovative and Alternative category should be part of a regional program already in existence coordinated by a regional project partner (e.g. NCTCOG, TxDOT, DART, or Dallas County).
MCIP 7th Call for Projects
Application Process
2019 MCIP 7th Call for Projects

- Program Cycle and Deadlines
- 2019 MCIP Application Form
- Eligibility and Evaluation Criteria
- Cost Estimate Methodology
MCIP 7th Call for Projects

- Program Year (PY) concept:
  - Construction funding available in FY2022-2025 for 7th Call selections
  - Funding for Design, ROW and Utilities can be available earlier
  - Funding agreement required to confirm City funding match prior to beginning design

- Only submit your best project(s)
  - Comparison of submittals within each City
  - Project readiness and funding match availability
    - County participation subject to agreement with City confirming funding match
Schedule

2019
- September 27: MCIP applications due
- Fall: Field evaluation of submittals

2020
- Jan-Feb: Finalize cost estimates, evaluations
- Spring: Staff recommendations to Commissioners
- Summer: Commissioners select projects for MCIP funding commitments
2019 Application

● Application Submittal
  ○ Online submittal with supporting documentation
    ○ Shape files (if available, with proposed ROW)
    ○ ROW maps showing existing and proposed
    ○ Related Studies, etc…

● Application Form
  ○ Embedded Instructions
  ○ Instruction Guide
  ○ Phone Support
  ○ On Website
Public Works

Our Mission is to improve the quality of life of our customers by effectively planning, developing, implementing and administering approved regional transportation projects. In fulfilling that mission, we envision ourselves becoming a recognized leader in regional transportation planning and coordination, an effective agent and valued partner for our cities, and a vital part of Dallas County government. Our values are centered on being Respected, Responsive & Reliable in all our relationships.

The Public Works Department has a significant role to play in the unique and exciting environment of Dallas County. Our cities need us to be proactive leaders, since we have the perspective of the whole County. Our customers -- the citizens and transportation users -- need us to assure we have the County and region-wide transportation picture in focus. Since 1999, these five Goals outlined in our Strategic Plan have been guiding us towards this vision. They are a perfect fit for the County’s 5-fold vision expressed in Dallas County’s approved Strategic Plan, Charting the Path, 25 September 2007.

I hope you find our web page valuable in obtaining the information you need about our mission, organization, and processes. Please click on the links on the left hand side of this screen for additional information on the topics that interest you.

Thank You!

 Alberta Blair
Public Works Director
Dallas County MCIP Call for Projects

Administration Building, 411 Elm Street, 4th Floor. Dallas, Texas 75202

The Dallas County MCIP 7th Call for Projects was authorized during the April 16, 2019 Commissioners Court. Cities in Dallas County are encouraged to participate by submitting project proposal applications on or before September 27, 2019. Please visit the links below for additional details.

Authorizations by Dallas County Commissioners Court

MCIP Partnering Workshops for Cities within Dallas County

MCIP 7th Call Application Forms

Reference Materials

Authorizations by Dallas County Commissioners Court

- Announcement of the Dallas County MCIP 7th Call for Projects - April 16, 2019
  - Court Order authorizing announcement and update to selection criteria definitions
  - Letter from Dallas County Commissioners Court Announcing MCIP 7th Call for Projects
  - 7th Call Funding Selection Criteria Category Definitions
  - Adoption of the Dallas County Mobility Plan - April 16, 2019
2019 MCIP Application Overview

- Application form is setup for online completion and submittal
  - Progress can be saved and resumed later
  - Two parts to complete an application
    - Part 1: Projects Application
    - Part 2: Technical Details for Proposed Project
- Please also upload shapefiles, ROW maps and any other supporting documentation
- Final submittal of each application will be online
Completion of 1\textsuperscript{st} Part of Application

Thank You

Part 1 of the MCIP Application was submitted successfully.

Please complete the Technical Details for Proposed Project form to complete the application process:

[Technical Details for Proposed Project Form]
2019 MCIP Application – Supporting Documentation

GIS Shapefile Required Attributes

<table>
<thead>
<tr>
<th>MTP ID (From the Interactive Map)</th>
<th>Project Name (Text)</th>
<th>Project Start (Text)</th>
<th>Project End (Text)</th>
<th>Project Length (Number)</th>
<th>Project Type (Text)</th>
<th>Commissioner District (Number)</th>
</tr>
</thead>
</table>

Right-Of-Way (ROW) Maps

- Include existing ROW limits along with proposed ROW limits
- Helps towards more clearly identifying potential ROW impacts
2019 MCIP Application - Supporting Documentation

Right-Of-Way (ROW) Maps

- Include existing ROW limits along with proposed ROW limits
- Helps towards more clearly identifying potential ROW impacts
2019 MCIP Application Overview

- Teamwork needed to complete applications, especially technical details part of the application
  - ROW Agents
  - Engineering Designers, Project Managers
  - Planners, GIS
  - Economic Analysts
Project Selection Overview

- Project data tabulated, verified, screened, ranked and presented for project selection by Commissioners
  - Field evaluation of projects
  - Within each District, projects ranked within each City
- Commissioners make final decisions
- Quality of Project Submissions
  - Be selective
  - Submit only best projects
New approach: Four project type categories

- Applicants can choose up to two categories:
  - Roadway Capacity & Connectivity
  - Bicycle & Pedestrian
  - Safety
  - Innovative & Alternative Mobility Solutions
Three Screenings

- **Pre-Screening (Optional)**
  - Optional tool to help applicants decide which of the four categories is best to submit project

- **Eligibility Screening**
  - Mandatory questions otherwise form can’t be submitted

- **Goal/Performance Measure Screening**
  - Varies by each of four project type categories
  - 7-8 goals per the four project type categories
    - Performance measure scoring varies by category
  - Each category scores up to 100 points allowing evaluation across project type categories
### 2019 MCIP Workshop

#### MCIP Scoring Guide - roadway Capacity & Connectivity

<table>
<thead>
<tr>
<th>Goal</th>
<th>Goal Value</th>
<th>Scoring Criteria</th>
<th>Performance Measure</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Connectivity</td>
<td>100</td>
<td>This goal seeks to improve connectivity.</td>
<td></td>
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<tr>
<td>Regional Access</td>
<td>100</td>
<td>This goal seeks to improve accessibility.</td>
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<tr>
<td>Competency &amp; Safety</td>
<td>100</td>
<td>This goal seeks to improve safety and accessibility.</td>
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<td></td>
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<tr>
<td>Multifaceted Connectivity</td>
<td>100</td>
<td>This goal seeks to improve connectivity and safety.</td>
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<tr>
<td>Economic Indicators</td>
<td>100</td>
<td>This goal seeks to improve economic indicators.</td>
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<tr>
<td>Environmental/Institutional Factors</td>
<td>100</td>
<td>This goal seeks to improve environmental and institutional factors.</td>
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<tr>
<td>Safety</td>
<td>100</td>
<td>This goal seeks to improve safety.</td>
<td></td>
<td></td>
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</tbody>
</table>

#### Action Items

- Refer to project description on MCIP Application
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Eligibility Screening

MCIP Project Eligibility Requirements

Please answer the following questions to determine general project eligibility:

Is a signed Master Agreement in place? *
- Yes  - No

Is the City compliant with Orphan Road Policy Standards? *
- Yes  - No

Is the City able to provide the minimum 50% funding match? *
- Yes  - No

Is the project eligible per the Dallas County Road and Bridge (R&B) policy? *
- Yes  - No

Is the facility classified as at least a collector road on the Dallas County Thoroughfare Plan? *
- Yes  - No  - Not applicable, project does not involve thoroughfare improvements. (e.g. project only involves trail, transit, safety, etc.)
Project Type Eligibility

Please answer the following questions to determine project type eligibility:

1. Does the project provide enhanced capacity for motorized traffic? *
   - Yes  (e.g. travel lane or intersection capacity improvements)
   - No

2. Does the project provide enhanced capacity and connectivity for bicyclists or pedestrians? *
   - Yes  (e.g. new or improved sidewalks, bicycle facilities, or trail connections)
   - No

3. Does the project provide enhanced connectivity to existing transit service? *
   - Yes
   - No

4. Does the project provide new transit service options? *
   - Yes
   - No

5. Does the project focus on increasing safety for transportation system users? *
   - Yes
   - No

6. Does the project propose using innovative or alternative transportation solutions? *
   - Yes  (e.g. alternative modes or emerging technology to enhance capacity or connectivity)
   - No

7. Is the facility or proposed mobility improvement identified on an adopted transportation plan? *
   - Yes
   - No

Save and Resume Later
Specifying Project Type for Submittal

Select the project type that best applies to the proposed project:

(Refer to the project type descriptions below.)

If the proposed project applies to an additional project type, select a secondary type:

(Select a second option only if applicable. Otherwise, leave blank.)

Note: Later questions will vary based on project type specified

- **Roadway Capacity & Connectivity** – This category primarily includes widening projects and new roadway projects, but may also include multimodal corridors, access management projects, or other approaches to improve overall roadway capacity and efficiency.
- **Bicycle & Pedestrian** – This category includes projects that primarily create new connections or improve access for bicycles and pedestrians. These may include on- or off-street bicycle and pedestrian facilities, which may be in combination with other roadway improvements. Example projects may include the addition of sidewalks, trails, or bike lanes, as well as Complete Street or road diet corridor projects.
- **Safety** – This category includes projects that are focused on improving the safety on thoroughfares or multimodal facilities. This may include improvements related to mitigating vehicle crashes, traffic calming, intersection crossings, or other safety measures.
- **Innovative & Alternative Mobility Solutions** – This category includes projects that involve alternative or innovative mobility strategies, particularly those that reduce single occupancy vehicle traffic. These projects may include transit service options, improved access to transit facilities (e.g., first mile/last mile solutions), or other transportation technology solutions (e.g., connected/smart streets, emerging transportation technology and services). Eligible projects must be part of a regional program already in existence (NCTCOG, Dallas County, TxDOT or DART).
Goal/Performance Measure
Screening

- Interjurisdictional Project
- Access to Regional Destinations
- Is the Project Located in an Underutilized Area?
- Economic Impact
- Facility Type
- Context Sensitive Solutions
- Is it a Multimodal/Intermodal Project?
- How Does Project Reduce Accident Rate?
- Impact to Degree of Congestion
- Air Quality

- Future Traffic Impacts Based 2045 Traffic Model
  - Traffic Volume (Future impact: Build vs No-Build)
  - Traffic Volume Growth (Forecasted volume vs current volume)
Project Cost Estimates

- Optional cost estimating template available for use by applicants
  - Field inspection of all projects submitted
  - Team review of project cost estimates
  - Follow-up with cities to reconcile significant differences on cost estimates
  - Dallas County can provide cost estimating template upon request
Questions?

For additional information please visit these stations after lunch

- Five Phase Project Delivery
- 7th Call Application Process
- MCIP Master Agreement
- Dallas County Mobility Plan
Thank You & Break for lunch!
General Information

- Please visit the following web address to find the application form, instructions and reference materials:

- Submittal of applications is via online interface

- Contacts for Questions:
  - 214.653.7151 (main)
  - Questions on Application for 7th Call, Mobility Plan:
    - Micah Baker (Micah.Baker@dallascounty.org)
  - Questions on Dallas County MCIP, Master Agreement:
    - Jonathan Toffer (Jonathan.Toffer@dallascounty.org)