

Master Transportation Plan 2016 Update

Kick-off Meeting
March 14, 2016
March 16, 2016
6:00 – 9:00 p.m.

Addison Conference Centre



- Welcome and team introductions
- What is a transportation plan?
- Current Master Transportation Plan (MTP) and why update it
- Study process/methodology
- Opportunities and challenges
- Public involvement
- Next steps
- Questions

Team Introductions

Kimley-Horn Associates



Drew Brawner

David Halloin

Jeff Whitacre

Chelsey Cooper

- Project Coordination
- Data Collection/Analysis
 - Design Standards
- Preparation of Plan Graphics

Prologue Planning Services



Monica Heid

- Project Management
- Public Involvement
 - Documentation

What is a transportation plan?

What is a transportation plan?



- Community's most important document for transportation-related decision-making

What is a transportation plan?

- Indicates the location of the major roadways and other transportation facilities in the community
- Classifies streets according to their function
 - Volume of cars the street carries/will carry
 - Land use adjacent to the street
 - Design features necessary to move people/goods safely and efficiently

Suburban Commercial Streets

Land Use

- Wide range of uses including live, work, shop, play, dining and lodging

Travelway

- Higher speeds and volumes
- Driveway management important
- Raised medians desirable to increase safety
- 4+ lanes common

Streetside

- Low to moderate pedestrian activity
- Wider sidewalks with wide landscaping buffers
- Pedestrian access to transit and adjacent land uses

Transit

- Transit service available
- Stops spaced no closer than 1/4 mile to increase efficiency

Bicycles

- Bike lanes desirable on collector streets
- **Off-street** trails where ROW permits
- Bike lanes may require **buffer** due to traffic speeds and volumes



What is a transportation plan?

- Important tool for acquiring right-of-way for transportation improvements as property develops
- Includes provisions for pedestrian and cycling improvements
- Integrates public transit priorities



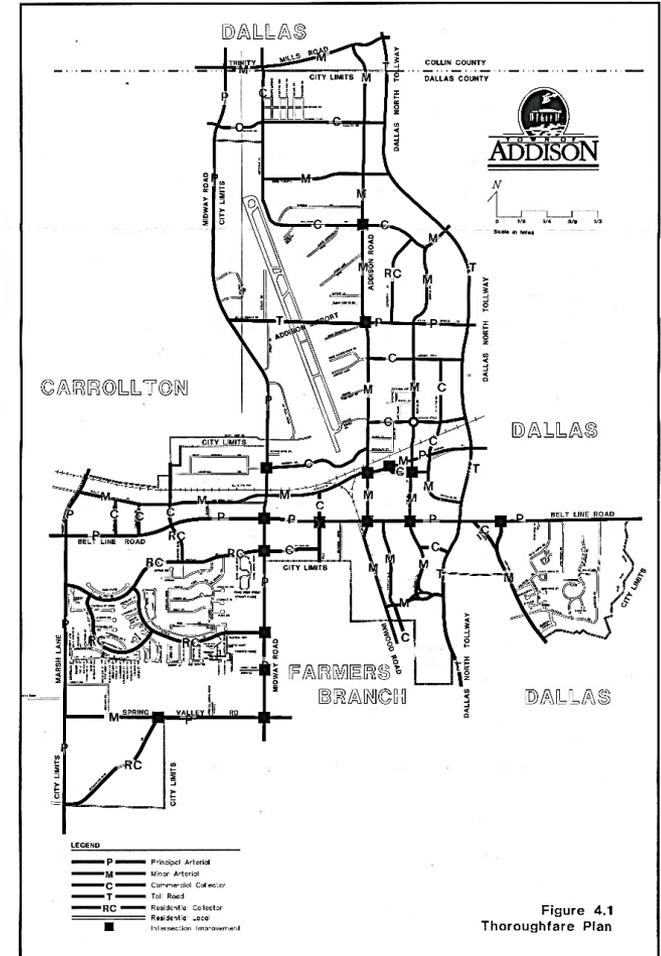
What is a transportation plan?

- Important part of the strategy for supporting economic development
- Acknowledges both existing conditions and the community's vision for the future
- Adopted by ordinance, so it's the law



Current Master Transportation Plan— Why update it?

- Adopted in 1998
- Map
- Text (supporting documentation)
 - Roadway classification system
 - Design standards (street cross-sections, intersection design, sidewalk requirements, driveway/access standards, etc.)
 - Recommendations for thoroughfares, pedestrian accommodations, transit



Major projects completed since last MTP



Project	Description	Status
Addison/Inwood Road	Widen to 4D	Achieved from Belt Line to Arapaho; ROW acquisition underway as properties develop
Arapaho Road	Construct/ Widen to 4D	Constructed; not 4D in all areas
Arapaho Road	Widen to 6D	Eastbound between Quorum and Spectrum remains 2 lanes due to ROW constraints
Keller Springs Road	Construct as a 4U Toll Tunnel	Constructed as a 2U Toll Tunnel with plans for additional lanes if traffic conditions warrant

D = Divided

U = Undivided

Major projects completed since last MTP



Project	Description	Status
Landmark Boulevard	Extend south as 4D	Constructed as 4U; awaiting future development on Ewing property to tie to Tollway
Quorum Drive (Landmark Place)	Construct as 4D	Constructed Inwood to Landmark; section renamed to Landmark Place
Spectrum Drive	Construct as 4U	Constructed as 2U
Intersection Improvements	Various	Various intersections improved

D = Divided

U = Undivided

Why update the plan?

- Provides an opportunity to assess changes in conditions since the last plan so that adjustments can be made
- Acknowledges that community preferences and priorities change over time
- Responds to a growing interest in active transportation
- Allows the plan to incorporate new technologies and techniques



Current transportation concepts

- Alternative modes of transportation
- Connectivity
- Placemaking
- The travel experience



Possible transportation priorities

- Potential priorities seem to fall into four categories:
 - Transportation Efficiency
 - Transportation Choices
 - Health and Safety
 - Public Investment and Economic Development
- Aesthetics important in all categories



Possible transportation priorities

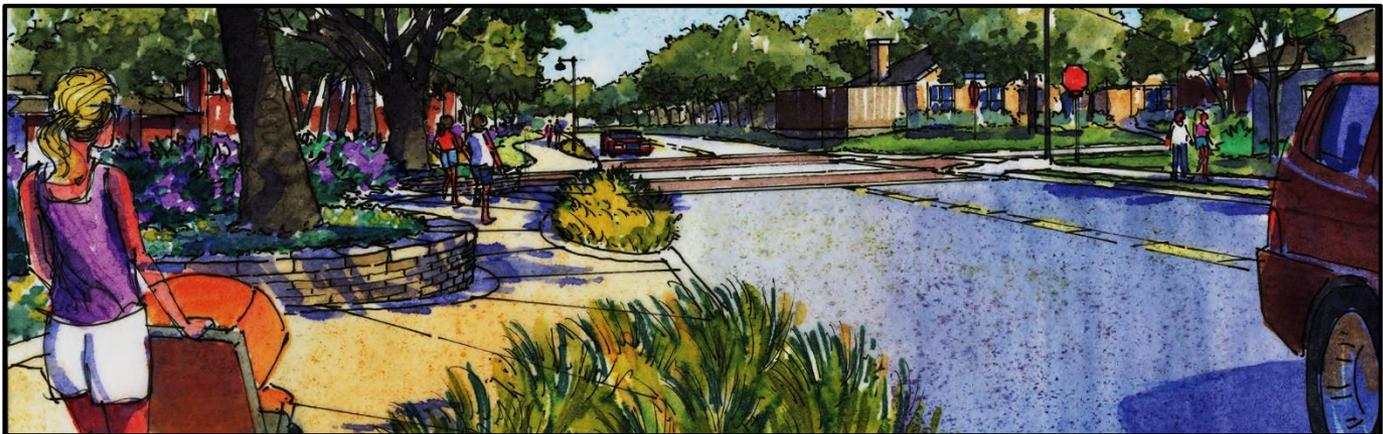
Develop more efficient traffic circulation

Improve transportation safety

Provide more transportation choices

Support Town's economic development goals

Encourage an active, healthy lifestyle



Possible transportation priorities

Minimize the impact of transportation on the environment

Accommodate physically challenged individuals (accessibility)

Maximize opportunities in the existing transportation infrastructure

Plan, design, and fund new transportation infrastructure needed

Maintain the existing transportation infrastructure properly



Create these conditions:

- Safety
- Convenience
- Sufficient capacity
- Economic vitality
- Environmental responsibility
- Attractiveness



As opposed to these:

- Increased accidents
- Delay and congestion
- Inefficient use of resources
- Loss of business
- Poor air quality
- Unattractiveness



Study Process/Methodology

- Collect and analyze data
- Evaluate projected growth (Addison and the region)
- Gather community input
- Identify hot spots (problem areas)
- Apply “Best Practices”
- Develop and evaluate alternative solutions
- Test alternatives with the community
- Refine the Plan
- Present the Preferred Plan to Planning & Zoning (P&Z) and City Council for review and adoption
- Implement



Kick-off Meeting purpose and format

- Provide basic information - Presentation
- Provide specific information on certain transportation topics and encourage participants to comment on those issues - Stations



- Current MTP, Traffic/Congestion/Intersections
 - Review current MTP for informational purposes
 - Note major problems/problem areas on Existing Street Network exhibit
- Possible Transportation Priorities
 - Indicate agreement with potential priorities and/or add others
- Connectivity/Alternative Modes of Transportation (Bicycle/Pedestrian/Transit)
 - Note potential new connections and destinations

- Assist/Inform study team
 - Identify problems and opportunities
 - Understand community priorities and preferences
 - Develop alternative plans/solutions for review



Challenges and Opportunities in Addison

- Unique characteristics of Addison traffic
 - Day-time population: 100,000
 - Resident population: 15,000
- Accommodating growth
 - Traffic from existing/future development in Addison
 - Pass-through traffic
- Environmental impacts of congestion
 - Air/Water quality
- Limited opportunities to acquire additional right-of-way
- Securing funding for improvements

- Encourage multiple modes of travel
 - Walking
 - Biking
 - Transit



- Make small, but effective improvements
 - Intersection modifications – right-turn lanes, dual left-turn lanes for more efficient operation
 - Median modifications – relocate, open, coordinate, or close median openings for better traffic flow
 - Traffic calming – determine the extent of cut-through traffic and speeding in neighborhoods and develop strategies to address these problems



Transportation opportunities in Addison

- Take advantage of opportunities to partner with developers to construct improvements that will benefit both the development site and the Town of Addison
- Seek cooperation and funding from outside agencies for transportation improvements



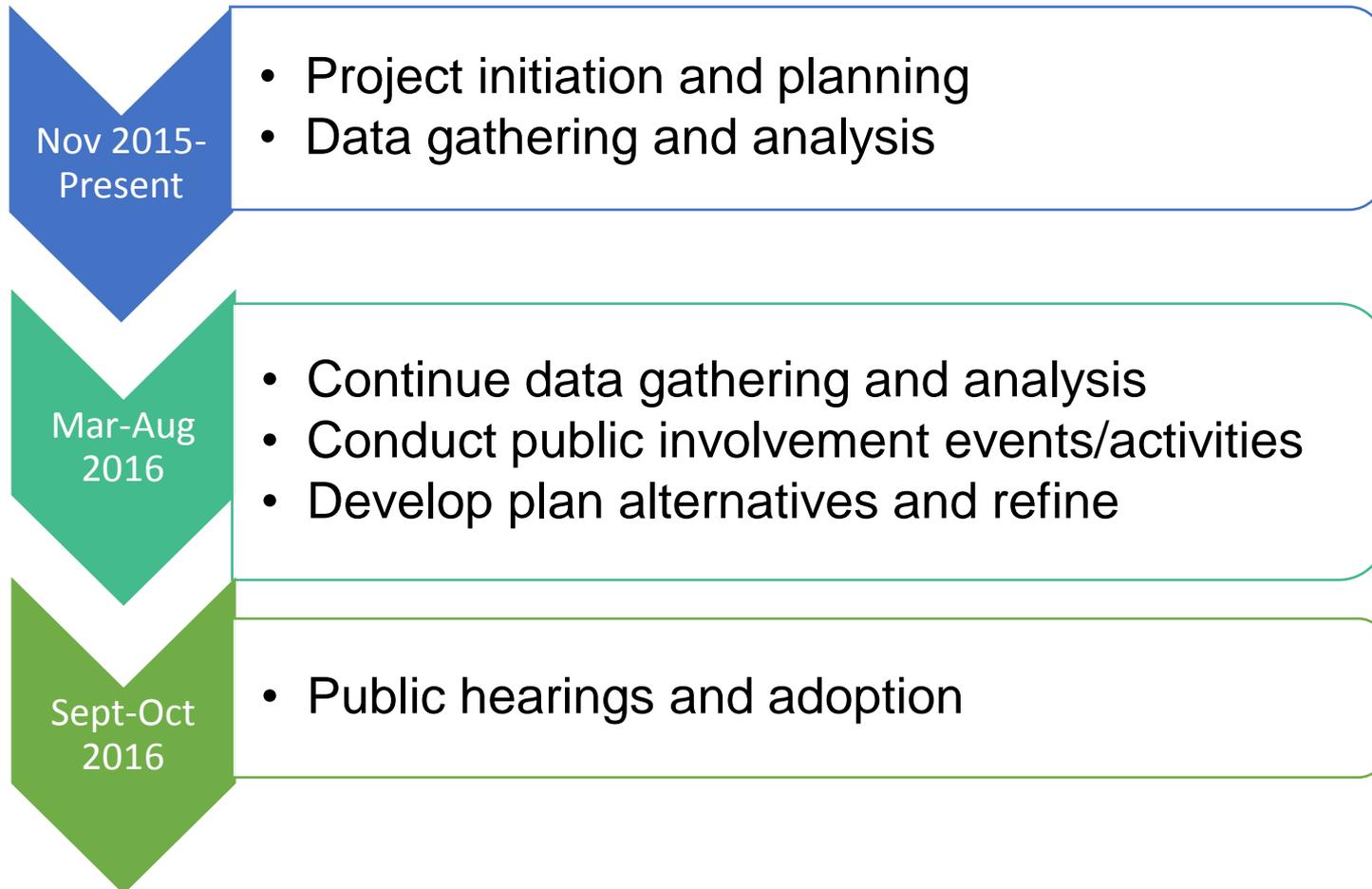
Public Involvement

- Community meetings
 - Kick-off to provide information and gather input about issues and priorities
 - Follow-up to get feedback on alternatives
- Advisory Group meetings
 - 2 or 3 meetings
 - Applications available
- Web-based information and engagement
 - Project website
 - Online surveys (1 or 2 surveys; first survey opens March 21)
- Council briefings
- Public hearings
 - P&Z
 - City Council

Next Steps

- Evaluate input from Kick-off Meetings
- Conduct an online survey (March 21 – April 8) and examine input
- Meet with Advisory Group
- Continue to gather and analyze data
- Develop alternative strategies for review

Tentative Project Schedule



Discussion

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