

Norman Comprehensive Transportation Plan (CTP)

PROJECT GOALS & OBJECTIVES

CVC Subcommittees Meeting
February 7, 2013

Norman Comprehensive Transportation Plan

SHAPING
GREAT CITY

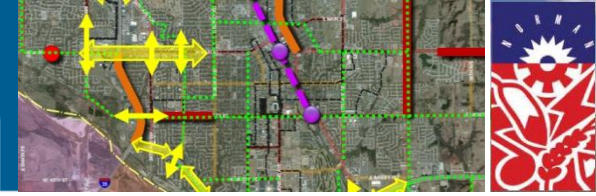


Agenda



- 6:00PM** • Review of Previous Efforts
 - CTP Sub-Committees & Operations
 - Project Overview
- 6:30PM** • Sub-Committee Work Session
 - Discuss Plan Goals and Objectives
 - Discuss Existing Conditions
 - Homework Assignment
- 7:05PM** • Goals & Objectives Work Groups
 - Refine the 5 Goals and Enhance Objectives
 - Presentations to the Group
- 7:50PM** • Summary and Next Steps

Benefits of Transportation Planning



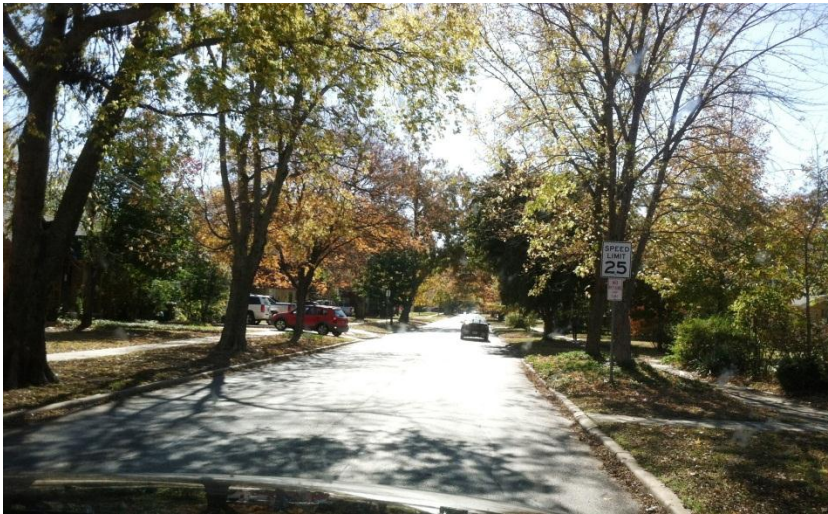
- Framework for growth
- Land Use/transportation interface
- Multi-modal considerations
- System Alignments/ROW Preservation/Design Standards
- Coordination with other agency/city plans
- Infrastructure and utilities coordination
- Capital Improvements Programming
- Funding of Improvements
- Economic benefit
- Statement of Community Policy



Benefits of Transportation Planning

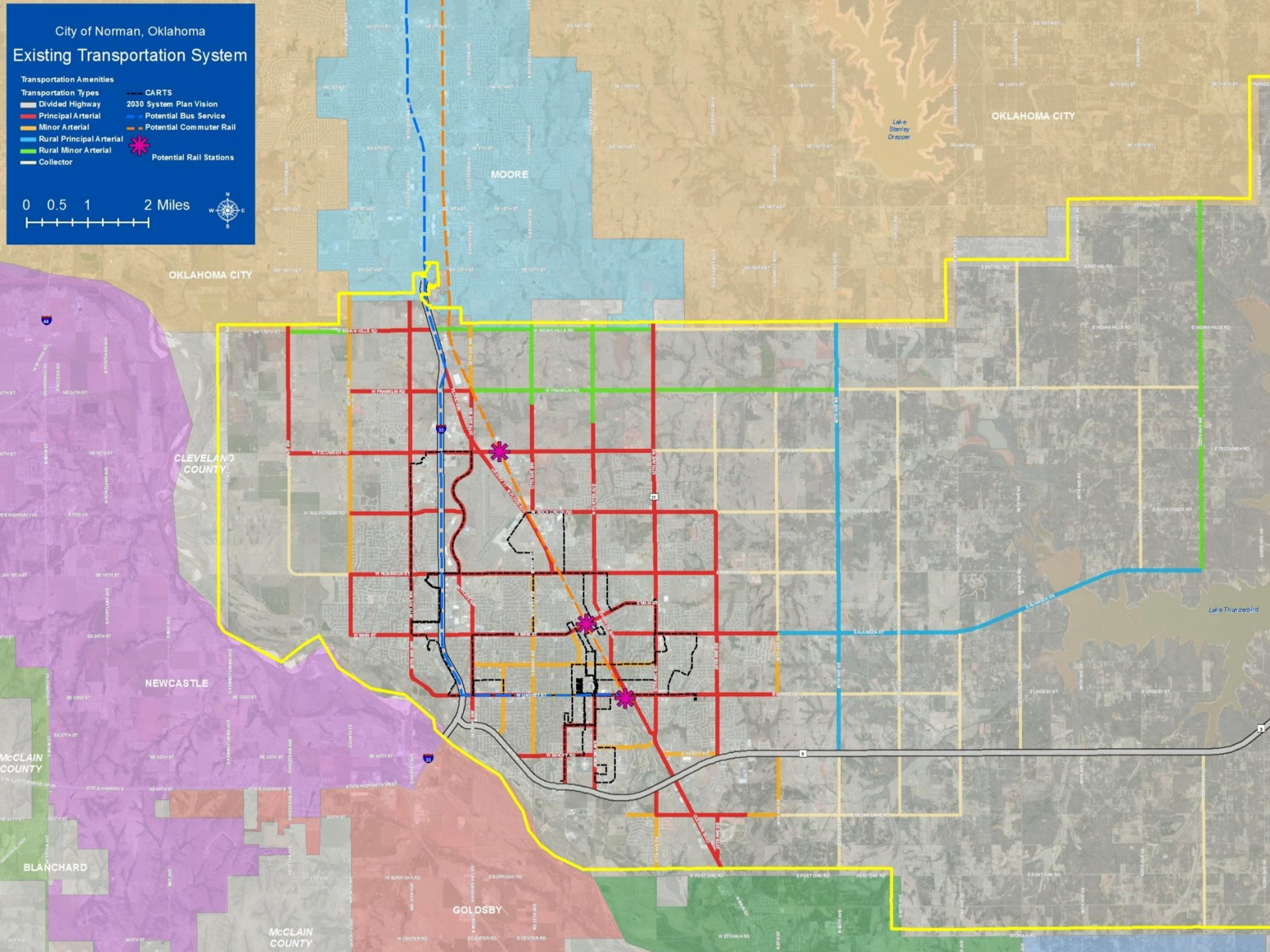


- Informed Public
- Increased Mobility, Options and Safety
- Facilitate Growth and Development
- Community Connectivity
- Sensitivity to Land Planning



City of Norman, Oklahoma Existing Transportation System

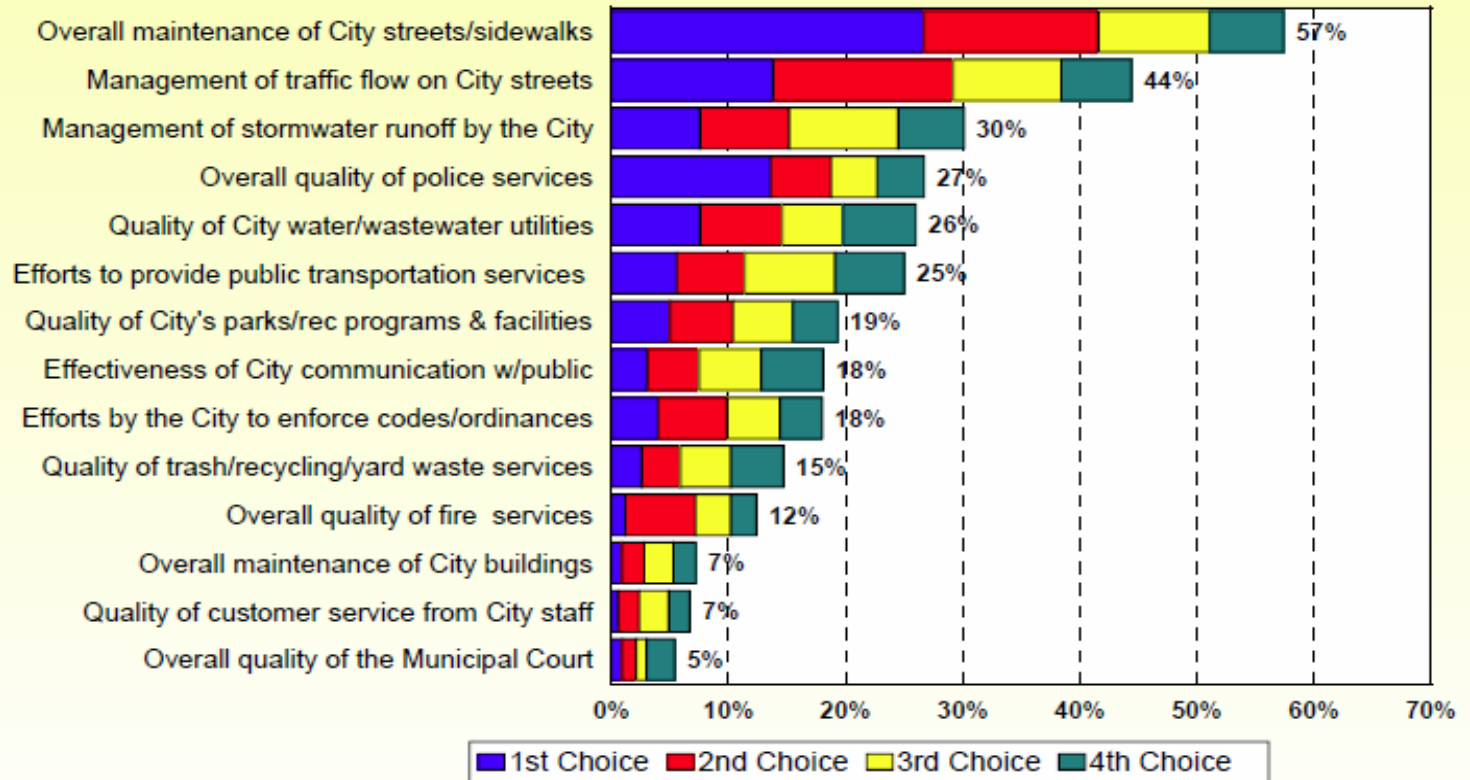
- Transportation Amenities**
- Transportation Types
 - Divided Highway
 - Principal Arterial
 - Minor Arterial
 - Rural Principal Arterial
 - Rural Minor Arterial
 - Collector
 - CARTS
 - 2030 System Plan Vision
 - Potential Bus Service
 - Potential Commuter Rail
 - Potential Rail Stations



- 2009 Community Survey – Final Report

Q2. City Services That Are The Most Important For The City of Norman to Emphasize Over the Next Two Years

by percentage of respondents who selected the item as one of their top four choices

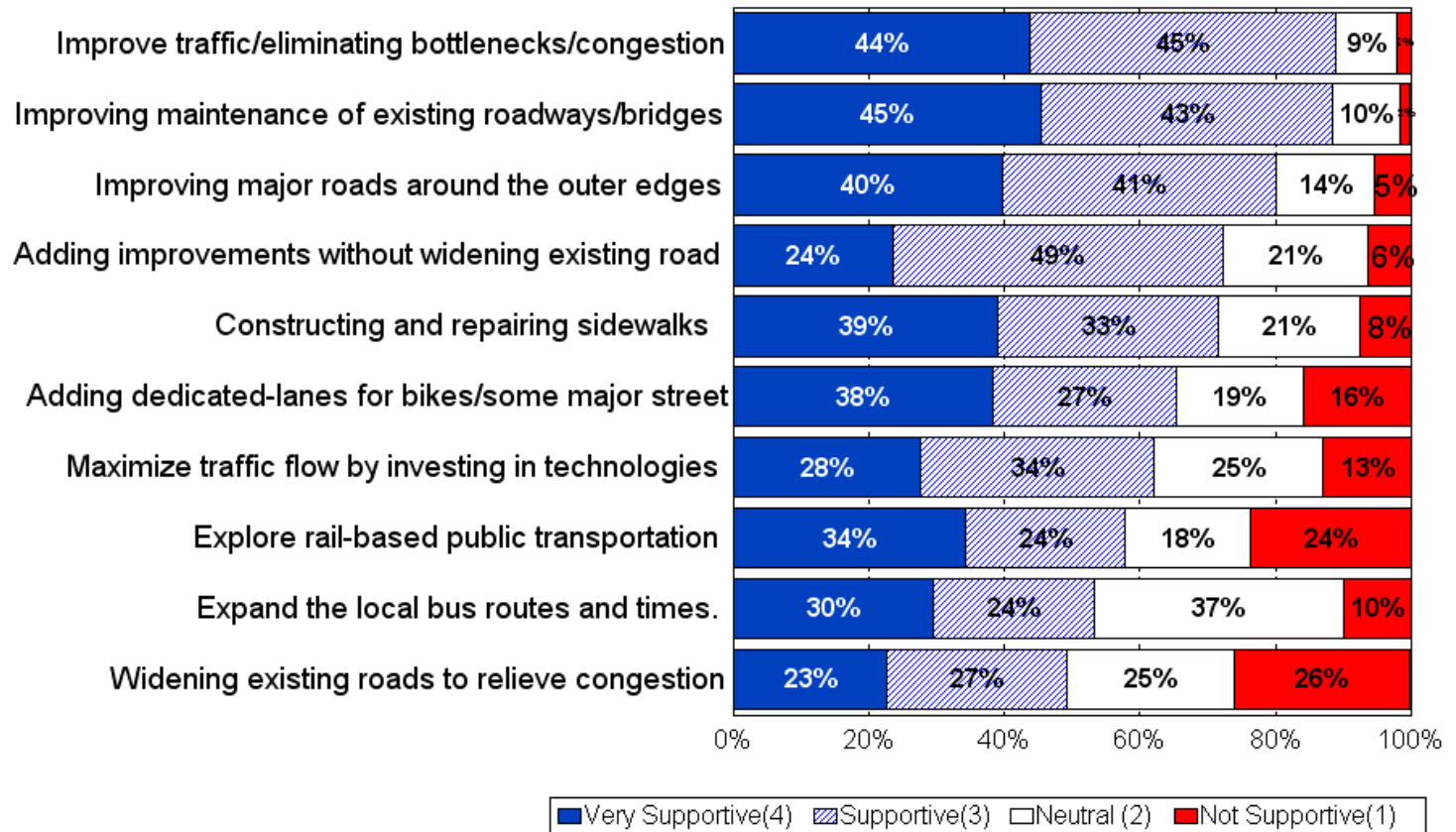


Source: ETC Institute (2009)

- 2011 CTP Survey Results

Q5. Level of Support for Various Transportation Improvements

by percentage of respondents who rated the item as a 1 to 4 on a 4-point scale (excluding don't knows)



Source: ETC Institute 2011



“MOVING FORWARD” Deliverables

- Scoping and Listening Phase conducted in 2011 and completed in early 2012
- Included numerous meetings, formation of a Citizens Vision Committee, and a Public Survey
- The deliverables at completion of the scoping phase were:
 - A **scope of work** which was inserted directly into the Request for Proposal for the full CTP
 - **Guiding Principles** which were adopted by Council at its meeting on February 14, 2012

CTP Guiding Principles and Goals

Special Place to Live

- **Vibrant** Norman Community in 2035
- Transportation and Infrastructure **focus on both people and places**
- Enhanced transportation **choices** and **accessibility**
- Create a **unique place** with **lasting value**
- **Blends** seamlessly with the character of **Norman's neighborhoods, employment centers and activity centers**

Mobility

- Seamless system of **transportation options** and solutions
- Norman Moving Forward's emphasis on **system management and operations, context sensitive** and **complete streets designs**
- Range of **accessible and convenient, multi-modal transportation choices** that provide connections between neighborhoods and destinations

Maintain and Preserve Existing Infrastructure

- Priority on **maintenance, rehabilitation, safety** and **reconstruction**
- **Neighborhood viability** through **maintaining streets, sidewalks, utilities, storm water systems** and other infrastructure facilities
- Investments **balance transportation needs** of the community and local neighborhoods

Fiscal Stewardship

- Provide a **detailed roadmap of actions** for transportation and infrastructure improvements
- Investments **maximize the benefits for multiple user groups** in a way that is **fiscally and environmentally responsible**
- **Input** from the **community-at-large** and ongoing dialogue with **stakeholders**

Enhance Economic Vitality

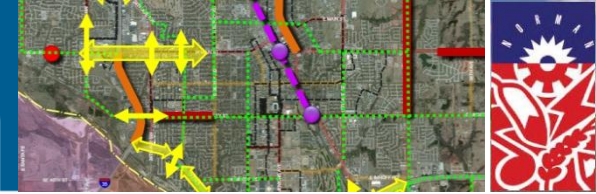
- Promotes economic growth while **using resources in an efficient and effective manner**
- Supports a **diverse, vibrant local economy** with a **strong tax base**
- **Reduces the fiscal burden on residents** to provide city services



Subcommittees

- Modal Systems Based
 - Autos and Parking
 - Transit
 - Pedestrian, Bike and Streetscape
 - Freight, Airport, Emergency Response
- Meeting Structure
 - Same place, concurrent
 - Opening collaborative session
 - Independent group work
 - Combined wrap-up session
- Social Media





Subcommittees

- Meeting Dates
 - SC#1 Feb. 7th: Goals/Objectives
 - SC#2 Feb 18th: Existing Conditions & Needs
 - SC#3 Mar. 25th: Improvement Concepts
 - SC#4 Apr. 25th: Assess Potential Projects
 - SC#5 May 23rd: Policies and Programs
- Time and Location
- Subcommittee Charter
 - Meetings, attendance and participation
 - Homework, Preparation for meetings
- Ambassadors to the Plan



The Planning Team



Freese and Nichols

- Overall Project Coordination
- System Planning for Roadway, Bike & Ped
- Development of Short/Long-range Improvements
- Transportation Policies and Programs
- Implementation Plan
- Plan Documentation
- Conduct Committee and Public Meetings



Garver

- Sub-Committee Team Leaders
- Assessment of Existing Systems
- Needs Assessment for Roadways
- Evaluation of Transportation System Improvements

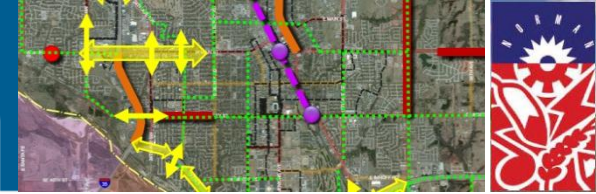


Alliance Transportation Group

- Sub-Committee Team Leader
- Travel Forecast Modeling and Alternatives Testing
- Transit System Planning



Team Leaders



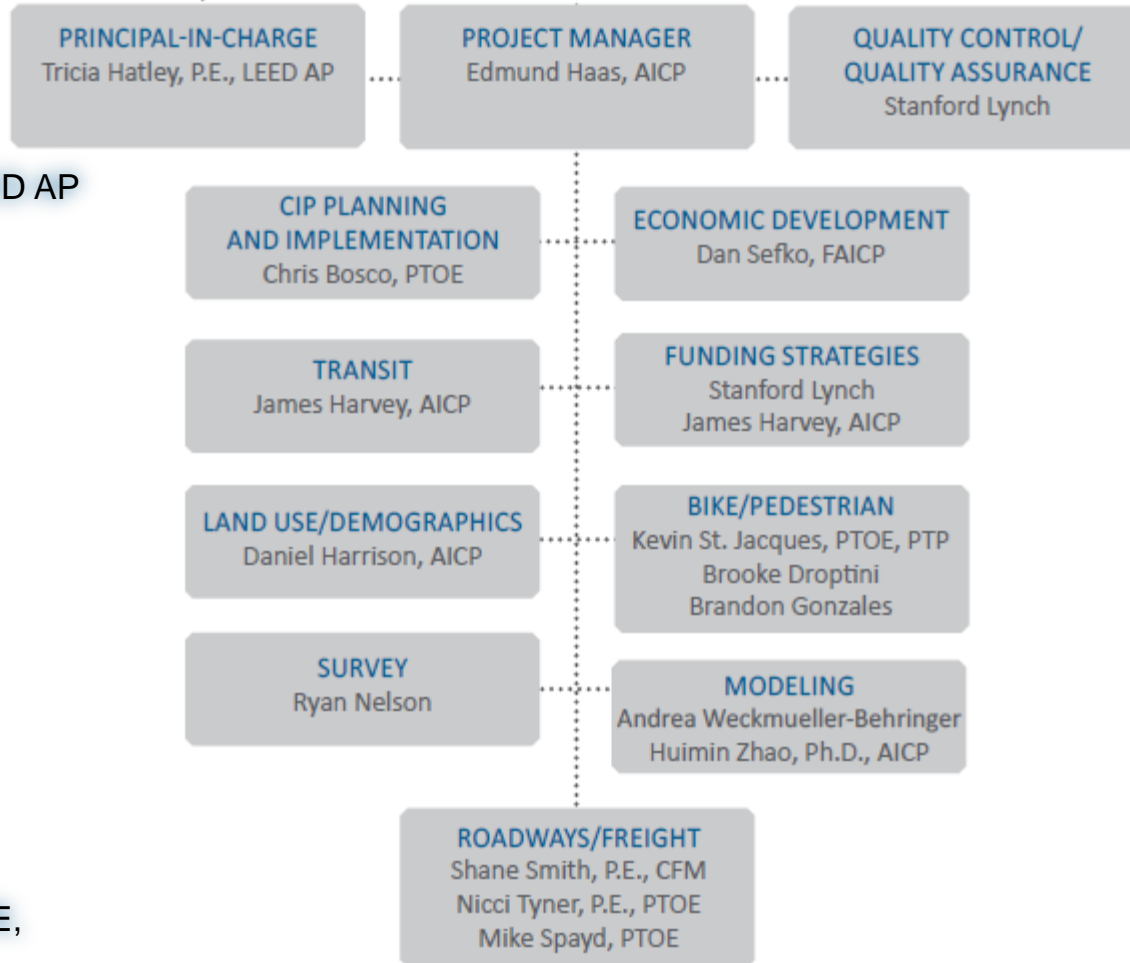
Principal-in-Charge
Tricia Hatley, PE, LEED AP



Project Manager
Eddie Haas, AICP



Bike/Pedestrian
Kevin St. Jacques, PE,
PTOE, PTP



Existing Conditions
Shane Smith, PE,
CFM

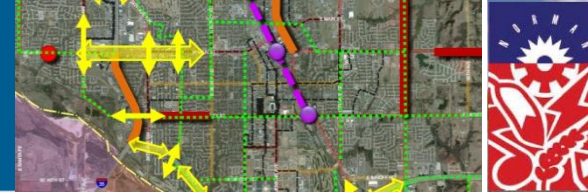


Roadway/Freight
Nicci Tiner, PE,
PTOE



TDM Modeling
Andrea Weckmueller-
Behringer, CTA

Project Overview



Study Process

1. Guiding Principles, Goals & Objectives

2. Assessment of Existing Systems

3. Assessment of Needs

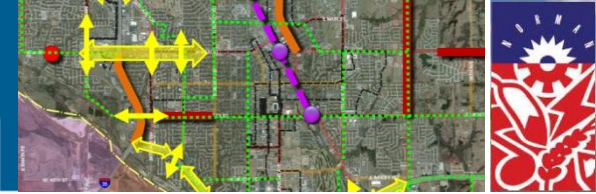
4. Travel Forecast Modeling

5. Transportation Plan and Prioritization

6. Transportation Policies and Programs

7. Implementation

8. Documentation



1. Guiding Principles, Goals & Objectives

- Subcommittee Review Goals and Principles
- Establish Objectives
- Finalize Principles and Goals
- Guides Recommendations
- Draft Chapter for Plan Report

Project Goals

- **Special Place to Live**
- **Mobility**
- **Maintain Existing Infrastructure**
- **Fiscal Stewardship**
- **Economic Vitality**



Objectives

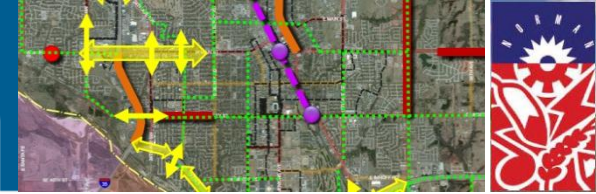
- **S**pecific
- **M**easurable
- **A**chievable
- **R**elevant
- **T**ime Oriented

An aerial map of a city area with various colored overlays: yellow arrows indicating traffic flow, orange and purple lines for transit routes, and a red dashed line. To the right is a logo featuring a stylized sun and floral patterns. Below the map is a white icon of a blue square with a white outline.

2. Assessment of Existing Systems

- Summarize Existing Plans
- Data Collection & Compilation
- Review Trends, Committed Improvements, Programs and Initiatives
- Analysis of Existing Conditions
- Assessment of Deficiencies
- Key Deliverable
 - Draft Chapter on Existing Conditions

- **Systems Evaluation**
- **A**uto
- **T**ruck
- **B**us Transit
- **P**assenger Rail
- **A**viation
- **P**edestrian
- **B**icycle
- **P**arking
- **M**ajor Street/Highway
- **T**raffic Signal System
- **C**rash Locations
- **M**aintenance



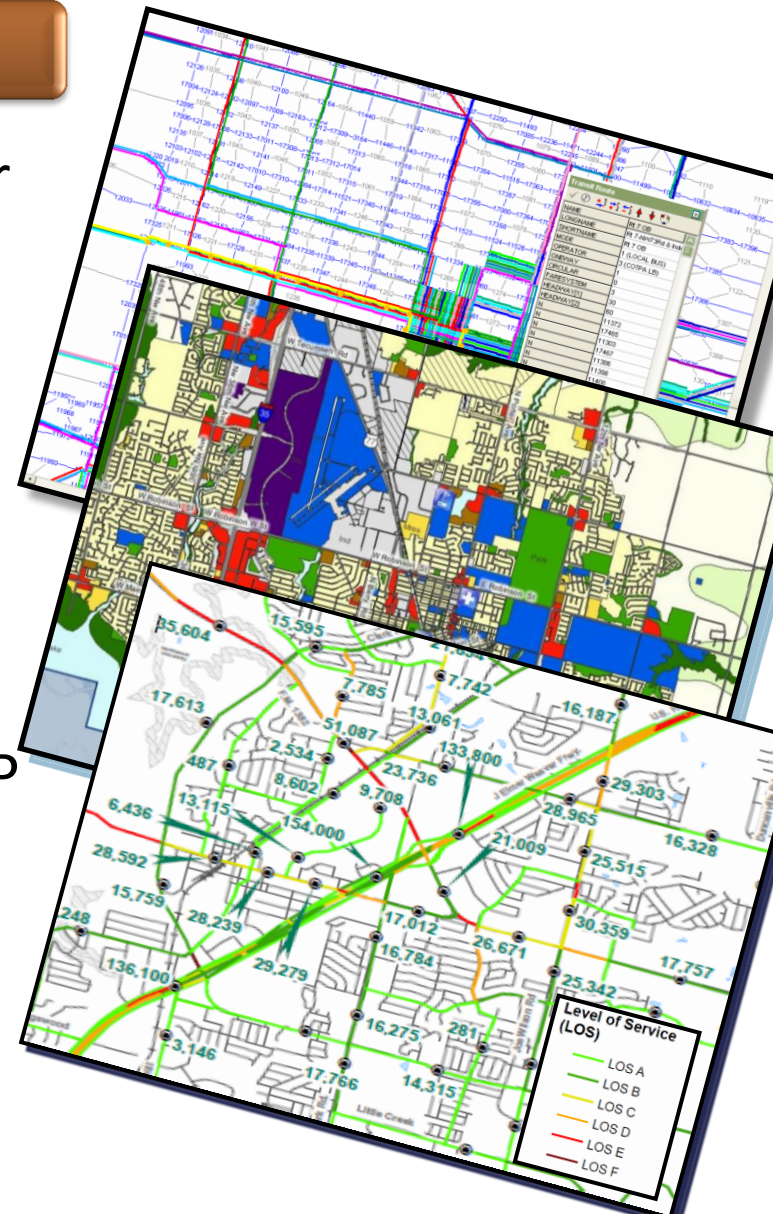
3. Assessment of Transportation Needs

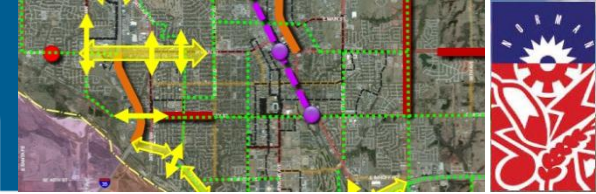
- Initial System Needs Assessment
- Develop Initial Strategies
- Subcommittee: Formulate Concepts
- Refine Needs and Concepts
- Review Needs & Concepts with Commissions, Committees and Council
- Open House: Plan Process, Existing Conditions and Needs Assessment
- Key Deliverable
 - Draft Chapter on Transportation Needs Assessment

- **Systems Needs**
- **A**uto
- **T**ruck
- **B**us Transit
- **P**assenger Rail
- **A**viation
- **P**edestrian
- **B**icycle
- **P**arking
- **M**ajor Street/Highway
- **T**raffic Signal System
- **C**rash Locations
- **M**aintenance

4. Travel Forecast Modeling

- Review/Update ACOG Regional TDM for Land Use and Network
- Validate Base Year Model for Norman Traffic Volumes
- Assess “No-Build” 2035 Operations
- 2035 Model for New Roadway and Congestion Mitigation Needs
- Collaborate with City Staff on 2035 FLUP
- Transit System Analysis
- Key Deliverable
 - Base and 2035 Subarea Model



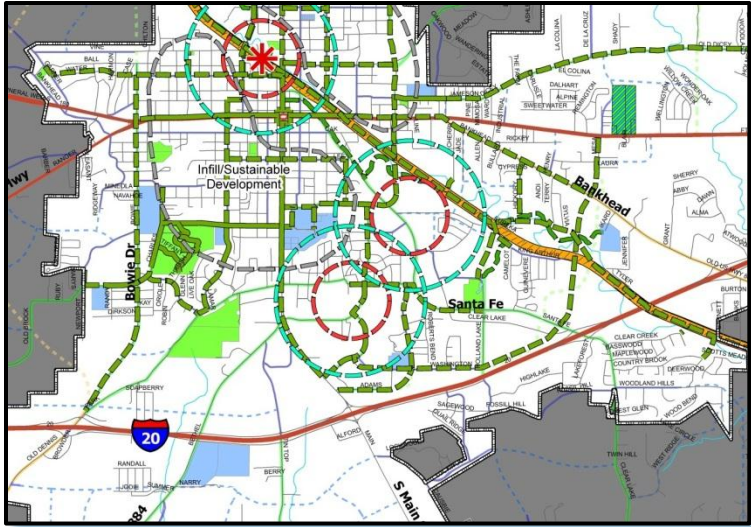


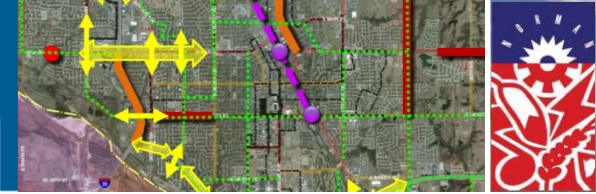
5. Transportation Plan and Prioritization

- Transportation Plan and Improvements
 - Subcommittee Collaboration
- Street Classifications and Configuration
- Modal System Plans
- Short and Long-Range Improvements
 - Subcommittee Collaboration
- CIP Methodology, Scoring & Ranking of Short and Long-Range Projects
 - Subcommittee Collaboration
 - Review w/Commissions, Committees & Council
 - Social Media Outreach
- Key Deliverable
 - System Plans, Short/Long-Range CIP, Chapter Materials

Modal Systems Plans

- **T**horoughfare Plan
- **P**edestrian System
- **B**icycle System
- **T**ransit Systems





6. Transportation Policies and Programs

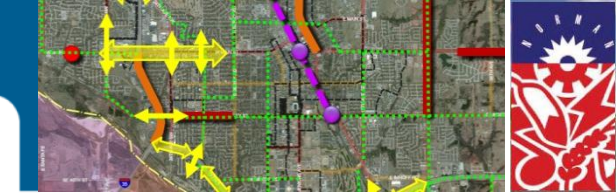
- Review Existing Policies & Programs
- Peer City Review
- Develop Action Plans to Address Programs
 - City Staff and Subcommittee Collaboration
- Implementation Strategies, Roles and Responsibilities
- Subcommittee Concurrence
- Draft Policies
 - Review with Commissions, Committees and Council
 - Social Media Outreach
- Key Deliverable
 - Draft Chapter on Policies, Programs & Procedures

Policies and Programs

- **M**ultimodal Integration
- **T**ransportation Finance
- **T**raffic Impacts
- **M**aintenance
- **T**raffic Calming
- **A**ccess Management
- **P**arking

7. Implementation

- Review Transportation Revenues & Constraints
- Correlate Revenues and Prioritized Improvements
- Finance Plan for Short/Long-Range CIP
- Assess Potential New Funding Strategies
 - Collaborate with City Staff and CVC
 - Social Media on Implementation Plan
- Committee/Council Meeting on Improvements and Funding Strategies
- Develop 5-Year TIP
 - Review with Committees and Commissions
 - Public Hearing on Draft TIP
- Key Deliverable
 - Implementation Strategies, Funding, Draft TIP



IMPLEMENTATION GUIDE- EXAMPLE

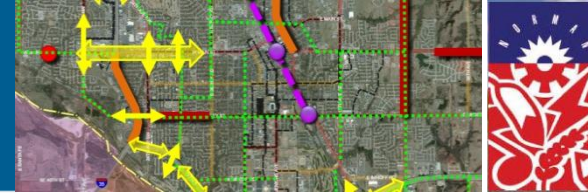
GOAL	STRATEGIES	PARTNERS	TARGET TIMELINE	POTENTIAL RESOURCES
Ensure future land uses meet the needs of residents and businesses.	A.1. Update the downtown area's land use orders to identify housing and parking adjacent to Lake ABC. A.2. Update the Future Land Use map to include low density housing and parking adjacent to Lake ABC.	City	June 2011	General Funding
Provide mobility with a safe and efficient transportation system.	A.3. Create an on-street parking district with design guidelines. B.1. Redesign 101 Street with ABC Drive. Provide intersection-improvements at new intersection of 101 Street and ABC Drive. B.2. Place shared signage at major intersection in the downtown center using district. B.3. Provide bike lanes, sidewalks and street lighting along 123 Street.	City, stakeholder group, City, Public, County, City, EDC	January 2013	General Funding, County Transportation Bond Program, Grant
	B.4. Design and develop a conceptual plan for a new transit rapid station, within the future	City, AADC, local organizations	June 2010	General Funding, EDC, private agreements
	B.5. Develop open space in the center portions of the block squares	City, AADC, planning, private, local organizations		Grant, private, EDC, General Funding, private funding, Partners Market Program grant, AADC
	B.6. Create outdoor, retail and office space along the existing 1 Front Street	City, AADC, developers, local business, business centers		General Funding, private funding, AADC
	B.7. Continue to develop historic Street as small specialty businesses.	City, AADC, developers, local business, business centers		General Funding, private funding, AADC
	B.8. Create and coordinate public art initiatives.	City, local organizations		General Funding, private funding, AADC

8. Documentation

- Draft Report
- Public Review Period
- Draft Final Document
 - Review with Committees and Commissions
 - Public Hearing on Plan Document
- Final Report



CTP Work and Input Schedule



Dec 2012 Mar 2013 Jun 2013 Sep 2013 Dec 2013 Mar 2014

1. Guiding Principles, Goals and Objectives



2. Assessment of Existing Transportation Systems



3. Assessment of Transportation Needs



4. Forecast Transportation Conditions



5. Develop Long Range Improvements Plan



6. Transportation Policies and Programs





7. Implementation




8. Documentation

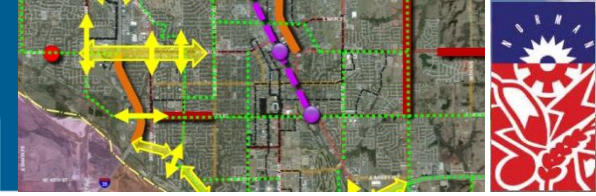


 Subcommittee Meetings

 Public Meetings

 Public Hearings

Goals Expansion with Objectives



1. **Guiding Principle: A Special Place to Live**

A vibrant Norman community in 2035 will be achieved by ensuring transportation and infrastructure investments focus on both people and places. These investments should enhance transportation choices and accessibility, and also create a unique place with lasting value that blends seamlessly with the character and vision of Norman's neighborhoods, employment centers and activity centers.

Original

Goal #1.1: Provide a transportation system with a variety and balance of transportation choices that are designed compatible with their surroundings.

Goal #1.2: Invest in street improvements for section line roads and arterial streets in core Norman where compatible with the character of the area.

Goal #1.3: Provide transportation investments that help preserve the character of the central core of Norman including Downtown, OU, and surrounding neighborhoods.

Goal #1.4: Invest in a transportation network that supports quality of life amenities attractive to talented employees and visitors in today's highly mobile, knowledge driven economy.

Refined

Goal #1 (Special Place to live): Provide a transportation system with a variety and balance of transportation choices that are designed to be compatible with their surroundings.

Objective S1. Invest in street improvements for section line roads and arterial streets in core Norman where compatible with the character of the area.

Objective S2. Provide transportation investments that help preserve the character of the central core of Norman including Downtown, OU, and surrounding neighborhoods.

Objective S3. Invest in a transportation network that supports quality of life amenities attractive to talented employees and visitors in today's highly mobile, knowledge driven economy.

Goals & Objectives Refinement



1. **Guiding Principle: A Special Place to Live**

A vibrant Norman community in 2035 will be achieved by ensuring transportation and infrastructure investments focus on both people and places. These investments should enhance transportation choices and accessibility, and also create a unique place with lasting value that blends seamlessly with the character and vision of Norman's neighborhoods, employment centers and activity centers.

Goal #1 (A Special Place to Live): Provide a transportation system planned and designed with people and places in mind, and provided with characteristics to support activities compatible with their surroundings.

Objective S1. Adopt policies, programs, procedures and standards that promote multimodal and context sensitive considerations into the planning, project funding, design and operations of transportation facilities in Norman.

Objective S2. Invest in street improvements for section line roads and arterial streets in core Norman sensitive to the context and character of the area. (DELETE AS MORE SPECIFICALLY INCORPORATED INTO S1, M1 AND M2.)

Objective S3. Institute departmental processes and procedures to integrate transportation and land use planning in an effort to ensure appropriate context sensitive solutions for infrastructure design and capacity improvements in Norman. (moved here from Mobility M1)

Objective S4. Provide transportation investments that help preserve the character, and enhance the quality of life and amenities of the central core of Norman including Downtown, OU, and surrounding neighborhoods.

Objective S5. Invest in improvements to minimize the impacts of railroad delay and noise through Norman. (BROUGHT UP FROM STRATEGIES)

Objective X. Invest in a transportation network that supports quality of life amenities attractive to talented employees and visitors in today's highly mobile, knowledge driven economy. (DELETE, AS MORE SPECIFICALLY INCORPORATED ABOVE)



6:30-7:00 PM

- Team building for Subcommittees
- Discuss the developed goals/objectives
- Review Collaboration Procedures
- Discuss conditions issues & concerns
- Assign Homework

Guiding Principles and Goals

Special Place to Live

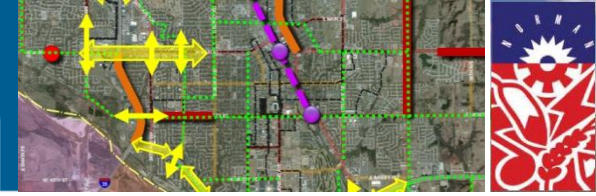
Mobility

Maintain and Preserve
Existing Infrastructure

Fiscal Stewardship

Enhance Economic Vitality

Work Groups for Refinement of Goals and Objectives



7:05-7:50 PM

- Team building for larger CVC
- Five work groups, one for each Goal
- Review & understand Goals
- Refine and enhance Objectives
- Record work product
- Report back to Main Group

Guiding Principles and Goals

Special Place to Live

Mobility

Maintain and Preserve
Existing Infrastructure

Fiscal Stewardship

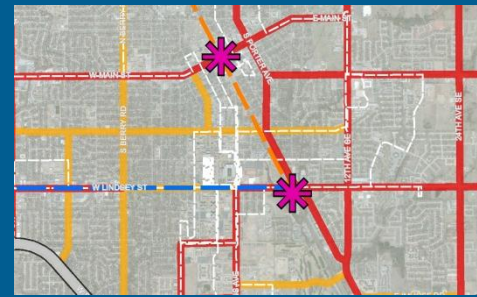
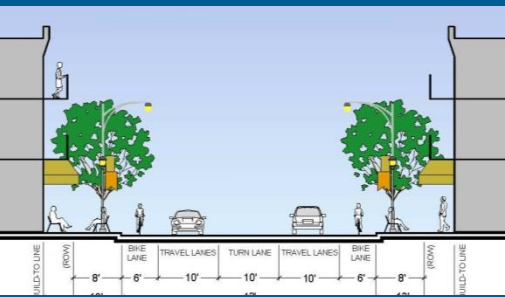
Enhance Economic Vitality

Wrap Up



7:50-8:00PM

- Final Comments
- Homework
- Next Steps



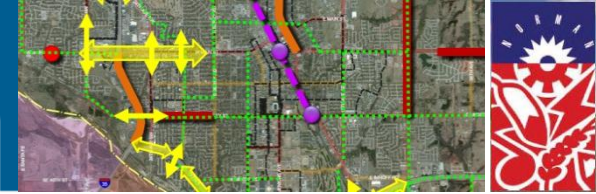
Next Steps



- Compilation of tonight's input into Goals and Objectives
- Draft Goals & Objectives Chapter post on e-Builder
- Subcommittee members review and comment
- After Subcommittee review, post on website, Facebook
- Next Meeting: February 18 @ 6:00 PM, here
- Prepare for next meeting:
 - Review Existing Conditions Chapter on e-Builder
 - Bring information on issues to be considered



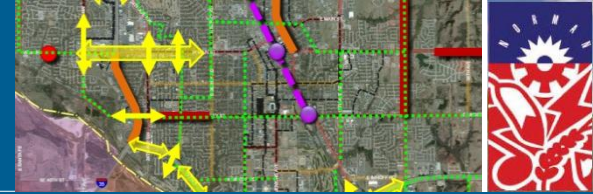
Homework



- E-Builder Collaboration site
- E-mail from: [Morgan McIlwain](#) Subject: [Norman CTP](#) (Page 3 of Guide)
- Below Signature, click “HERE”
- User form/Contact Info/Password
- Link to file in “Workflow in Your Court”
- After completion: “Action Completed”; ability to add Comment
- Vote for Assignment Done



- e-Builder Guide
- Save e-builder homepage to “Favorites”



Thank You!
For your Time and
Commitment!

