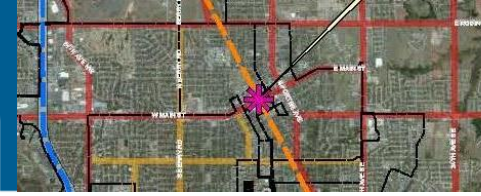


Norman Comprehensive Transportation Plan

CTP UPDATE

City Council Study Session September 10, 2013

Overview Scope and Schedule



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

1. Guiding Principles, Goals and Objectives

2. Existing Transportation Systems

3. Assessment of Transportation Needs

4. Forecast Transportation Conditions

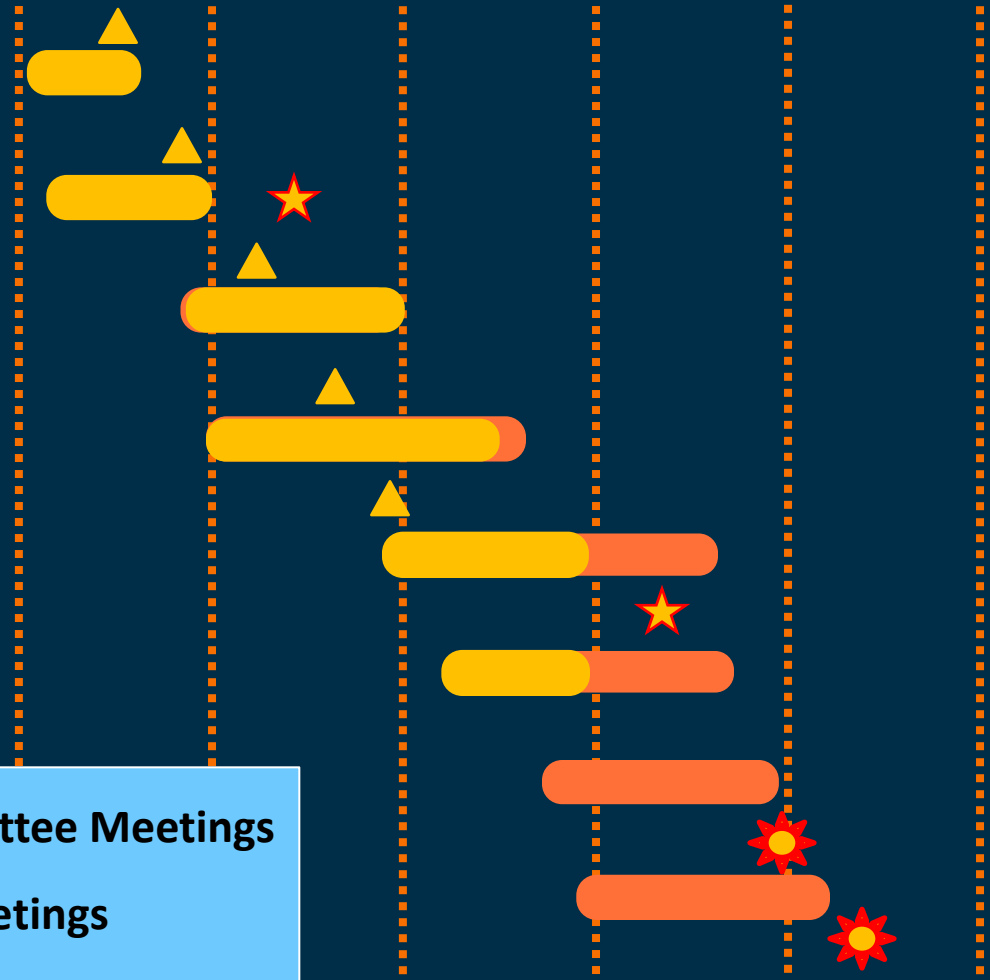
5. Develop Short & Long Range Plan

6. Transportation Policies and Programs

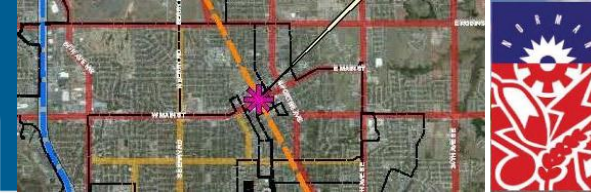
7. Implementation

8. Documentation

▲ Subcommittee Meetings
★ Public Meetings
☀ Public Hearings



Guiding Principles, Goals, Objectives



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

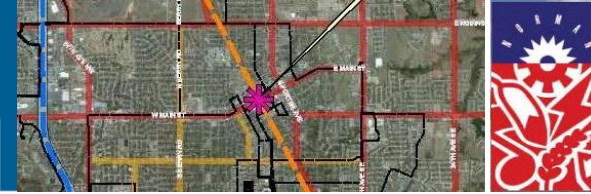
Fiscal Stewardship

- 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

Subcommittee Meetings



- Subcommittee Work:
 - Modal focus groups
 - Advance review of materials
 - Group discussions on needs
 - Group brainstorming on actions
 - Review of CTP modal plans
 - Review of CTP report chapters
 - Participate in public meetings

Meeting Dates

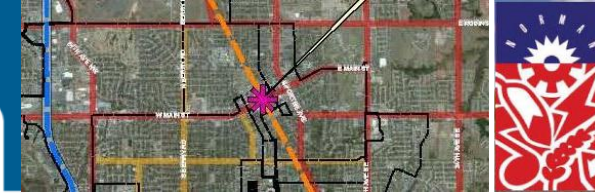
- SC#1 Feb. 7th: Goals/Objectives
- SC#2 Feb 18th: Existing Conditions & Needs
- SC#3 Mar. 25th: Improvement Concepts
- SC#4 Apr. 25th: Assess Potential Projects
- SC#5 May 23rd: Policies and Programs

Subcommittees

- Autos and Parking
- Transit Service
- Pedestrian, Bike and Streetscape
- Freight, Airport, Emergency Response



Transportation Needs



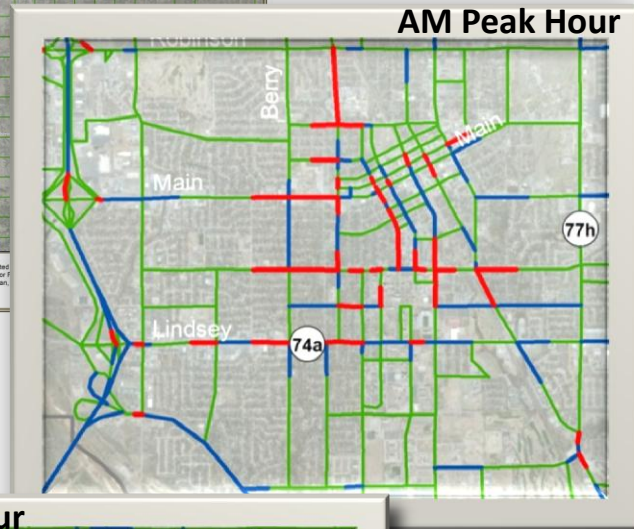
- Existing Conditions Assessment
- Initial work with Sub-Committee
- Assessment of needs
- Public Input
- Modeling & Analyses
 - Existing + Committed
 - Scenarios

Existing + Committed Analysis

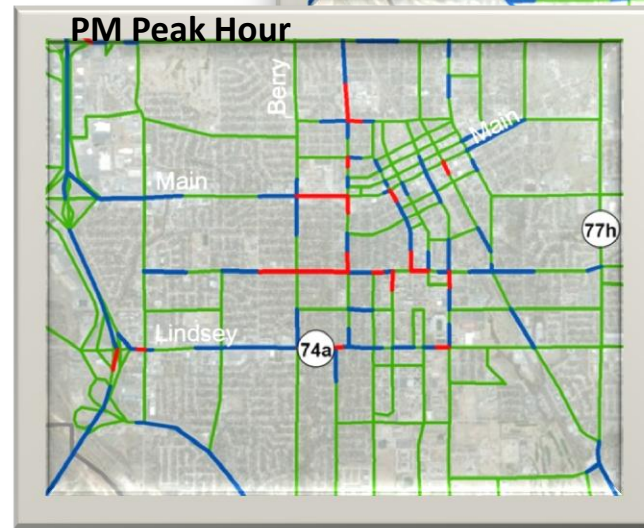
2035 Peak Traffic

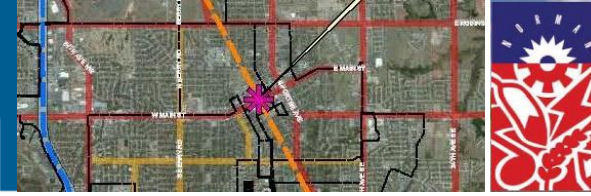


AM Peak Hour



PM Peak Hour





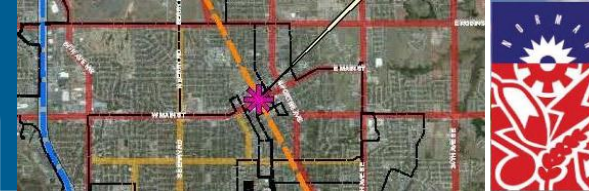
Modal Plans

- Thoroughfare Plan and Typical Sections
- Bicycle and Pedestrian Plan, Sidewalk Completion Plan
- Transit Service Plan

Policies and Programs

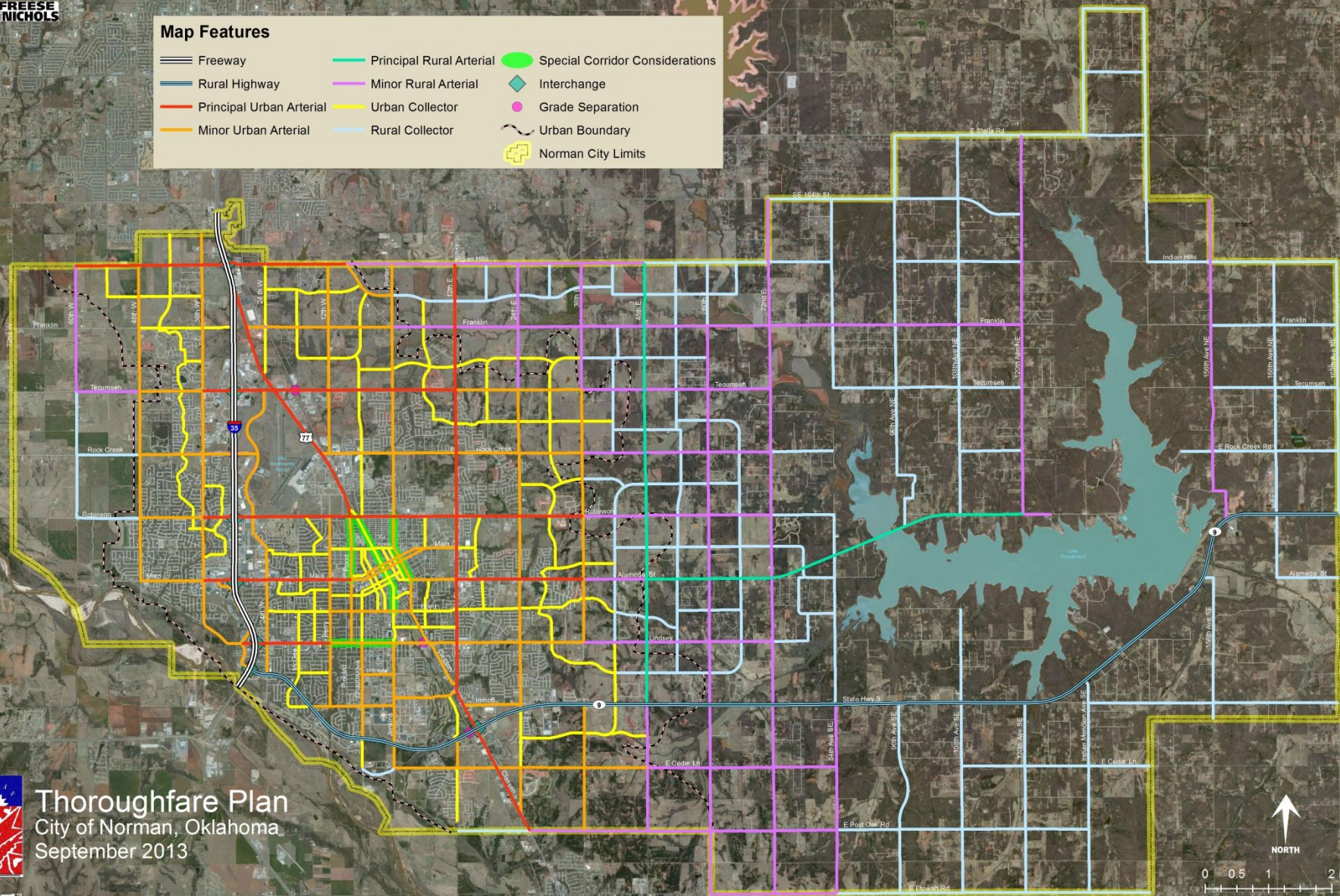
- Consider all modes in corridors
- Operations and maintenance
- Aesthetic considerations
- Development implications

Thoroughfare Plan



Map Features

- Freeway
- Rural Highway
- Principal Urban Arterial
- Minor Urban Arterial
- Principal Rural Arterial
- Minor Rural Arterial
- Urban Collector
- Rural Collector
- Special Corridor Considerations
- Interchange
- Grade Separation
- Urban Boundary
- Norman City Limits



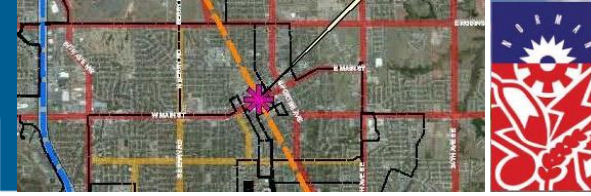
Thoroughfare Plan
City of Norman, Oklahoma
September 2013



0 0.5 1 2 Miles

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Complete Streets



- A network for all users
 - walking, bike, transit, auto
- Right-sizing of streets
- Improved safety
- Mobility choices
- Economic benefit

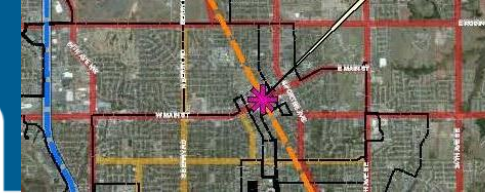
- Guidelines for:
 - Project selection
 - Design standards
 - Special considerations



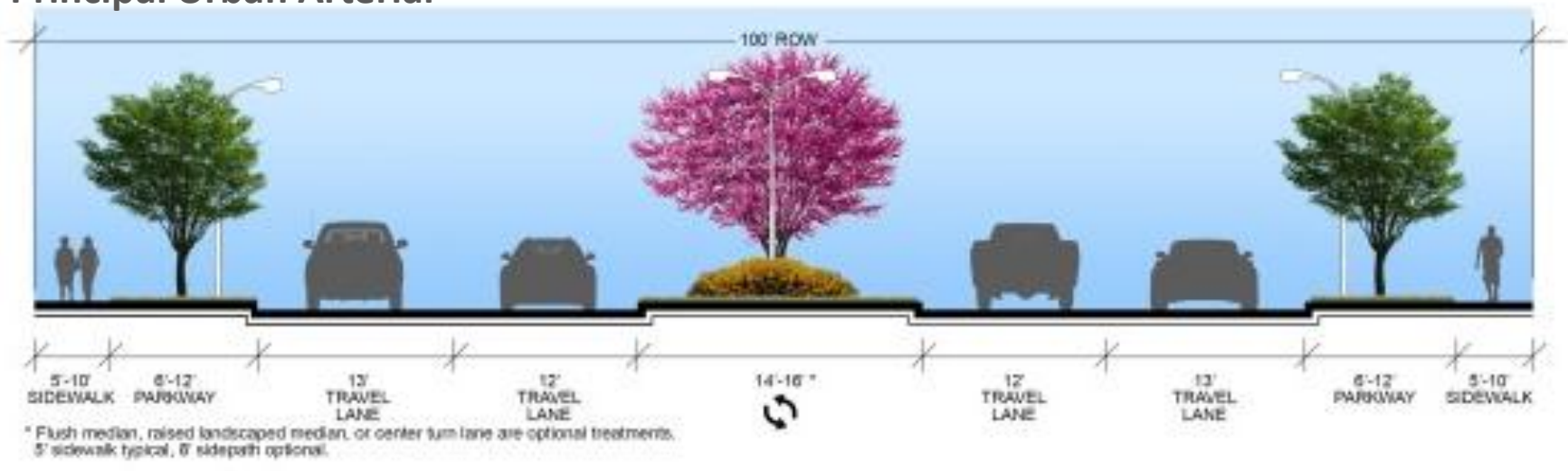
Source: National Complete Streets Coalition



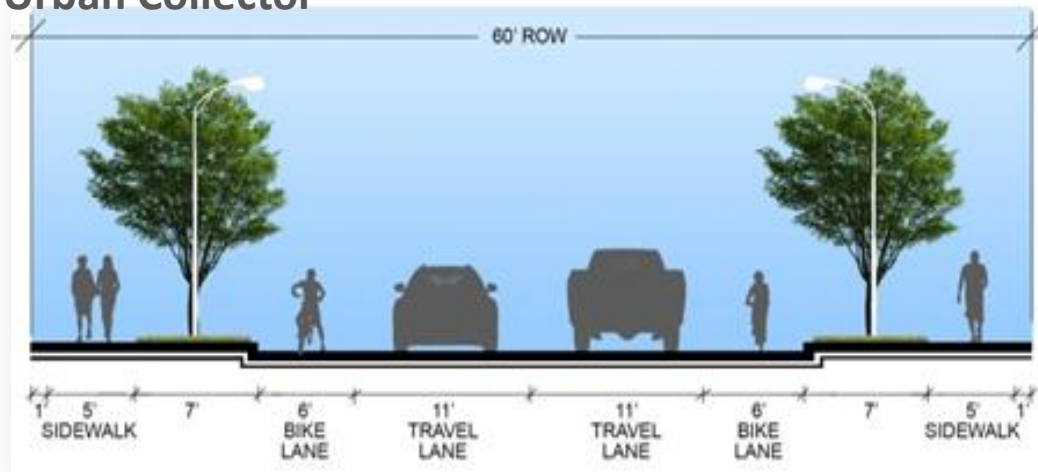
Example Design Sections



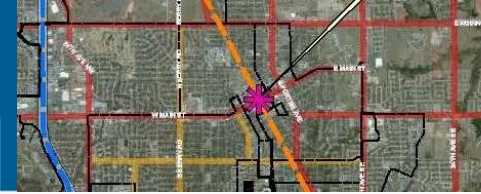
Principal Urban Arterial



Urban Collector



Example Design Sections



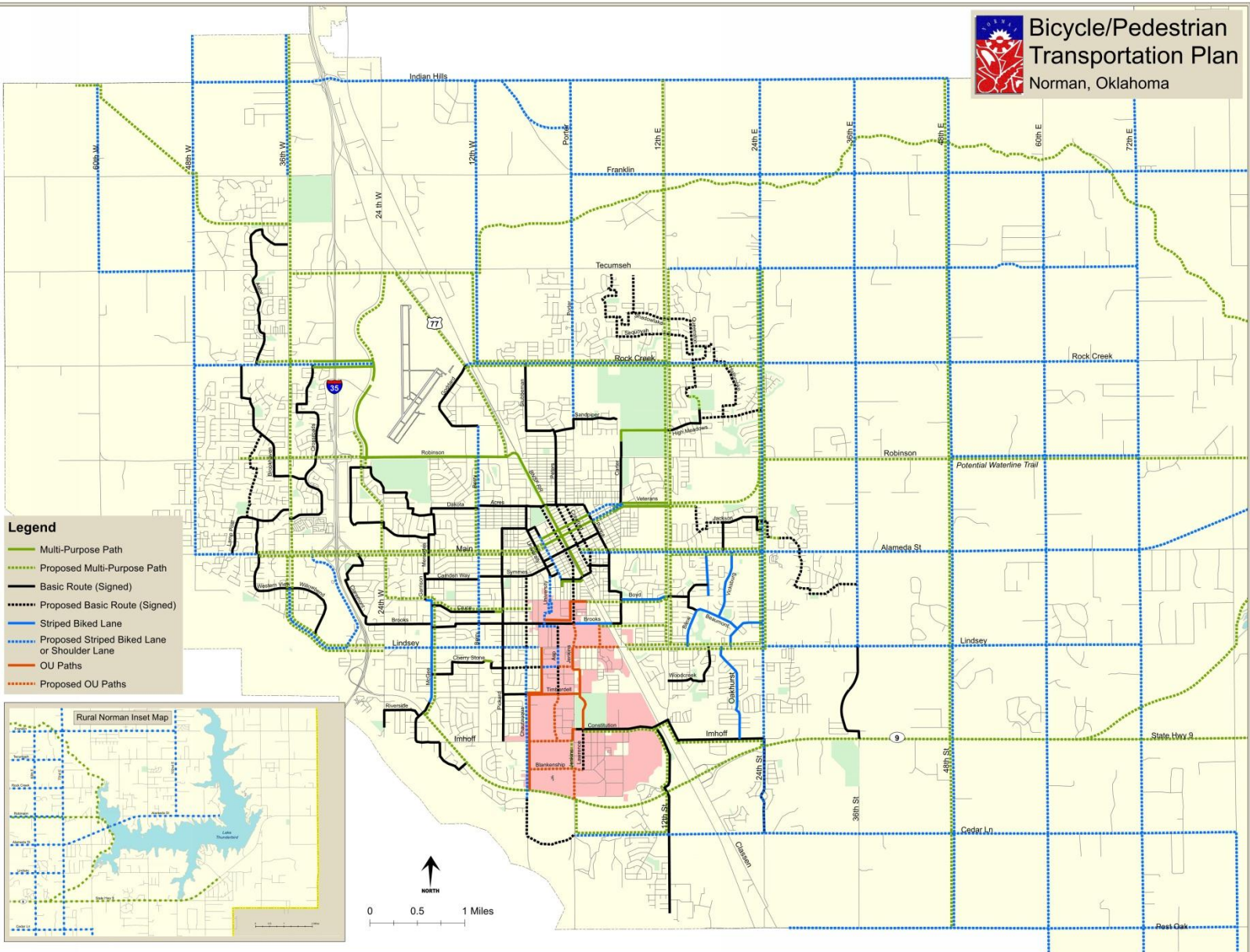
Principal Rural Arterial



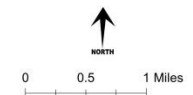
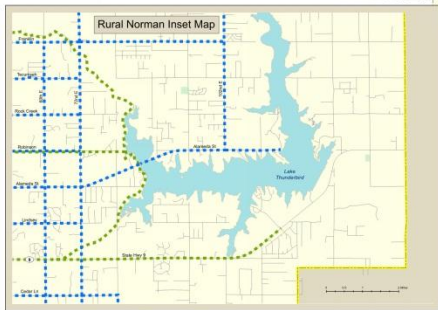
Bike & Pedestrian Plan



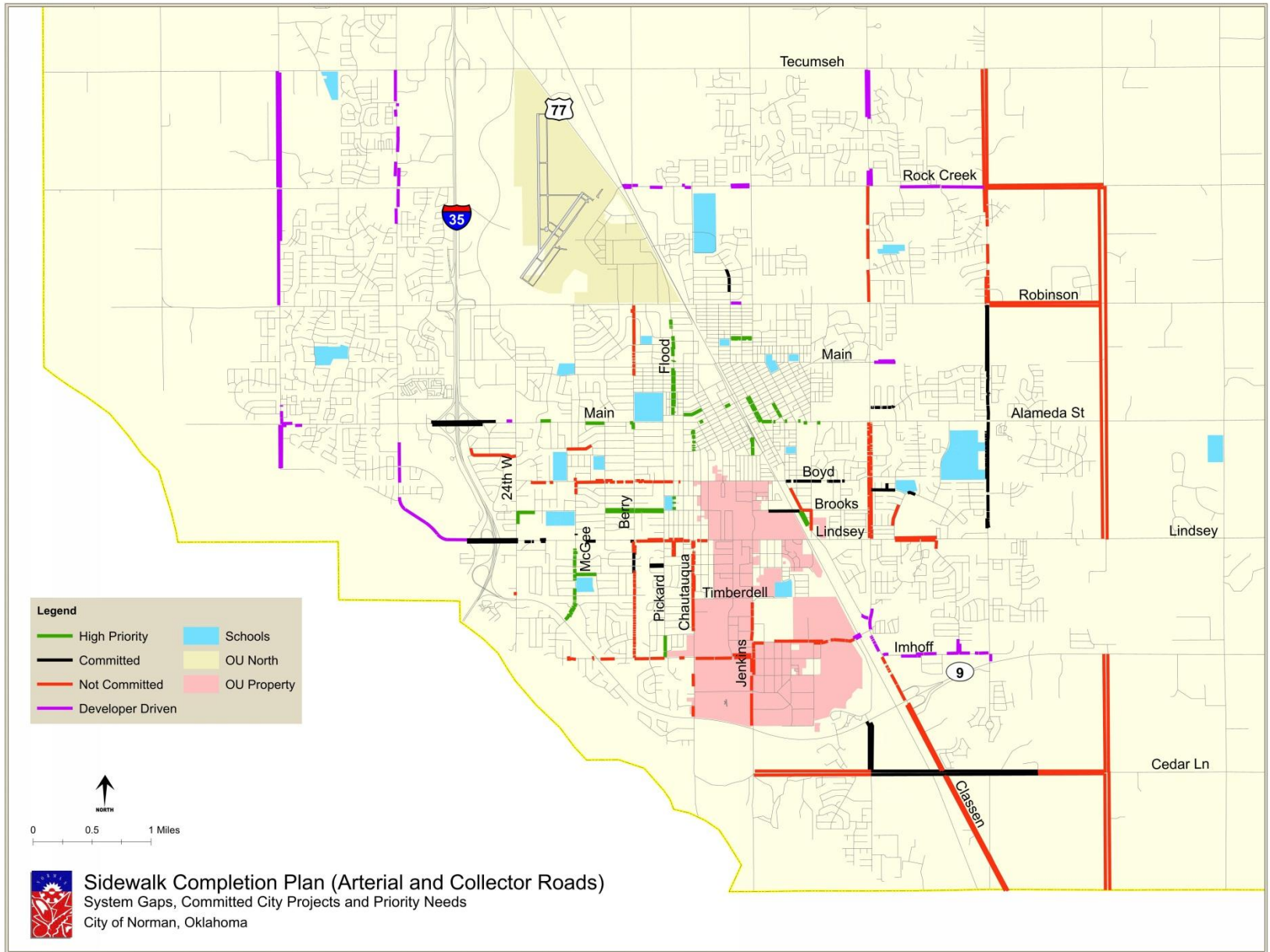
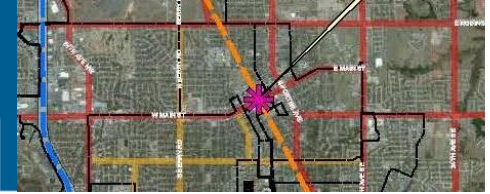
**Bicycle/Pedestrian
Transportation Plan**
Norman, Oklahoma



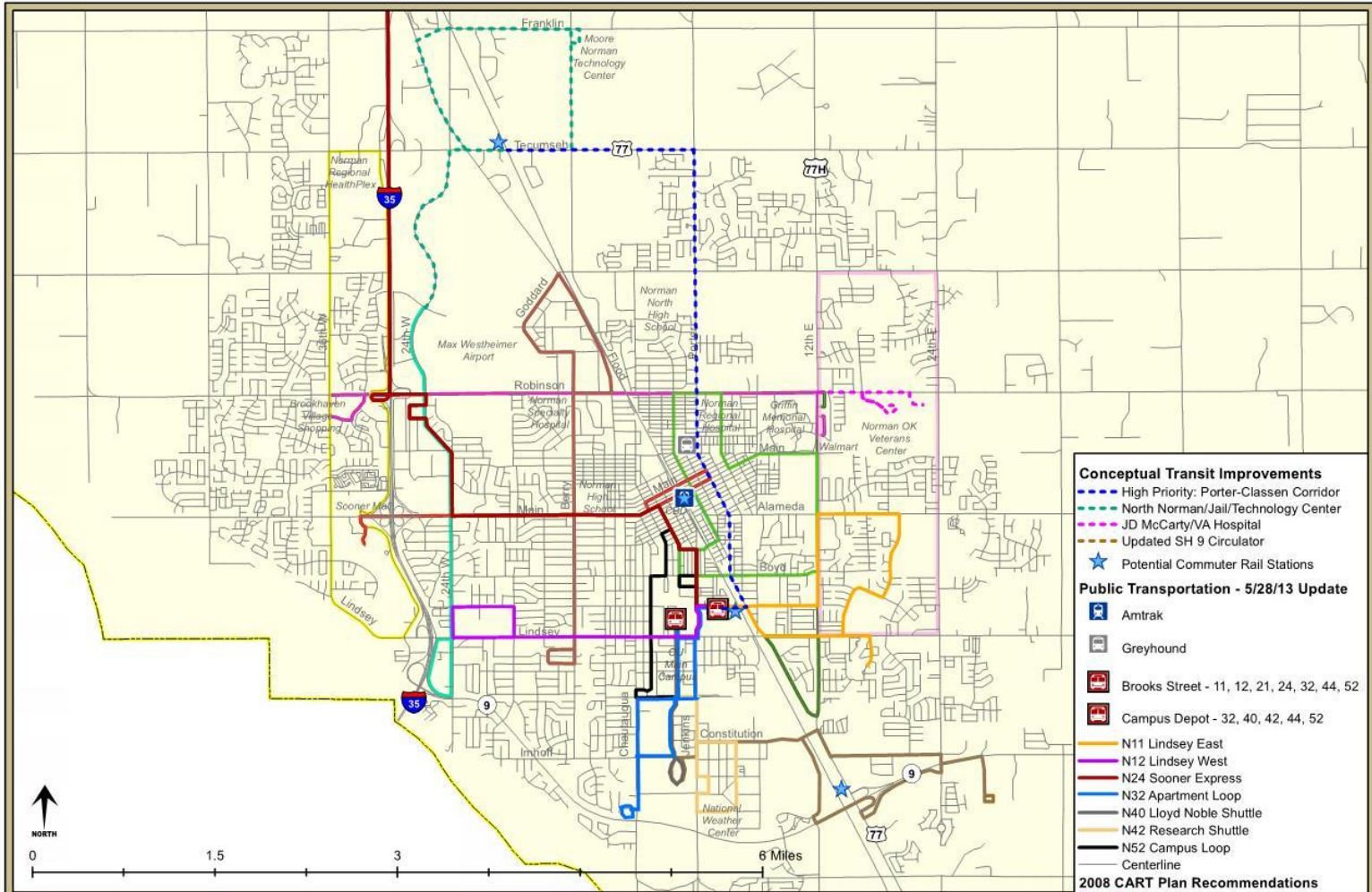
- Legend**
- Multi-Purpose Path
 - Proposed Multi-Purpose Path
 - Basic Route (Signed)
 - Proposed Basic Route (Signed)
 - Striped Biked Lane
 - Proposed Striped Biked Lane or Shoulder Lane
 - OU Paths
 - Proposed OU Paths



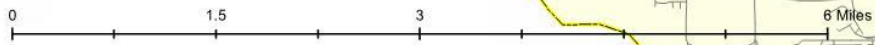
Sidewalk Completion Plan



Transit Plan

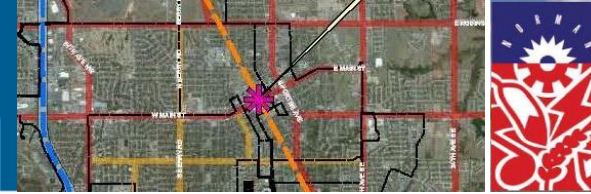


- Conceptual Transit Improvements**
- High Priority: Porter-Classen Corridor
 - North Norman/Jail/Technology Center
 - JD McCarty/VA Hospital
 - Updated SH 9 Circulator
 - ★ Potential Commuter Rail Stations
- Public Transportation - 5/28/13 Update**
- Amtrak
 - Greyhound
 - Brooks Street - 11, 12, 21, 24, 32, 44, 52
 - Campus Depot - 32, 40, 42, 44, 52
 - N11 Lindsey East
 - N12 Lindsey West
 - N24 Sooner Express
 - N32 Apartment Loop
 - N40 Lloyd Noble Shuttle
 - N42 Research Shuttle
 - N52 Campus Loop
 - Centerline
- 2008 CART Plan Recommendations**
- N10 Rev. Main Street
 - N20 Rev. West Norman Circulator
 - N21 Rev. Alameda - East Norman
 - 12th Street Corridor
 - 24th Ave W Corridor
 - Berry Road Corridor
 - Downtown Campus Route
 - East Norman Circulator
 - Robinson Street Corridor
 - SH 9 Circulator

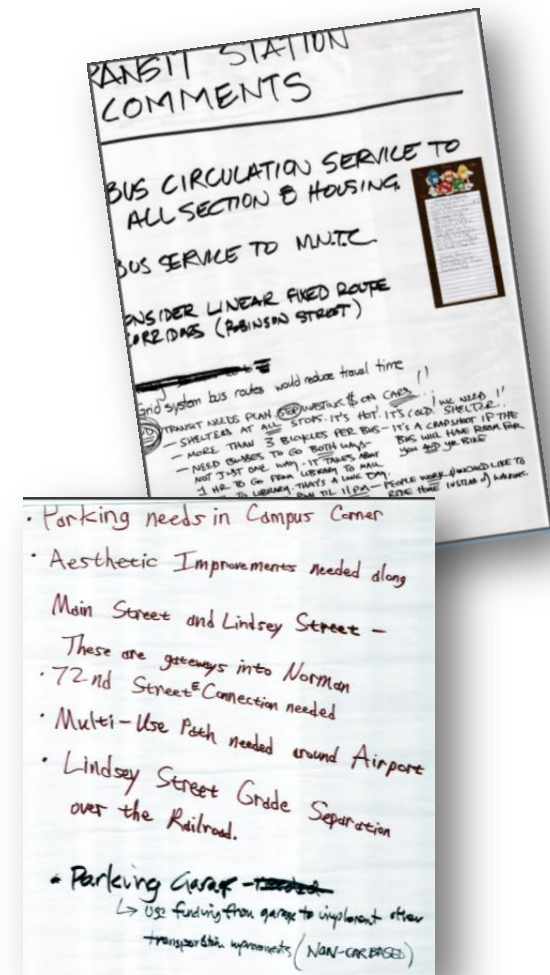


Public Transportation
Existing / 2008 CART Plan Recommendations / CVC Transit Subcommittee - Conceptual Routes
City of Norman, Oklahoma

Public Involvement

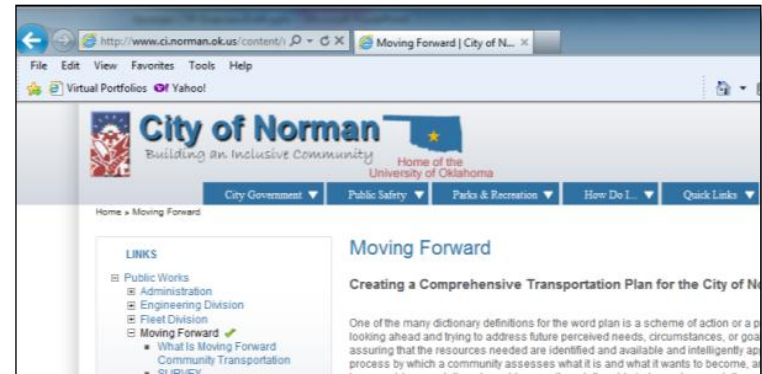
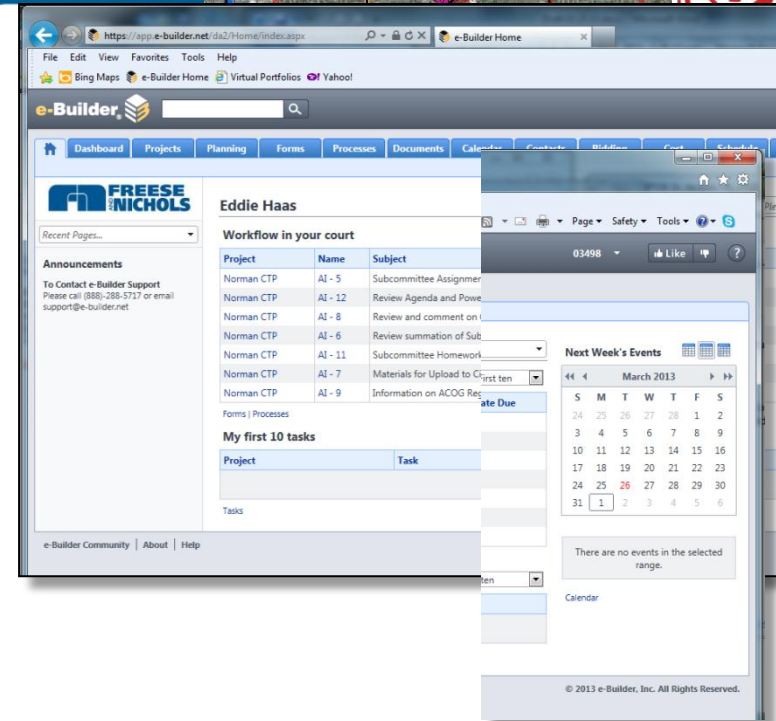


- April 15, 2013 Open House #1
 - Guiding Principals, Goals & Objectives
 - Existing Conditions and Needs
 - Public Input
- September 26, 2013 Open House #2
 - Modal Plans
 - Project Evaluation Criteria
 - Potential Improvements, Short/Long Range
 - Public Input
- Format of Meeting
 - Gathering static displays
 - Initial Group Presentation
 - Breakout Sessions
 - Summation Group Discussions



Social Media

- SC continued review via e-Builder
- Posting of CTP interim products on City Moving Forward website
 - Subcommittee Meetings #1-5
 - Chamber of Commerce Committee
 - Public Open House #1 materials
- Announcing availability of CTP interim products on Facebook
- Pushing out messages about CTP interim products using Twitter





- Programs & Polices
 - Project Selection Criteria
 - Maintenance
 - Airport Preservation and Support
 - Traffic Impact Studies, Impact Fees
 - Parking Program
 - Multimodal design standards
- Short and Long Range Improvements
 - Short Range program for developing CIP
 - Long Range program for coordination with agencies
 - ROW preservation

Overview Scope and Schedule



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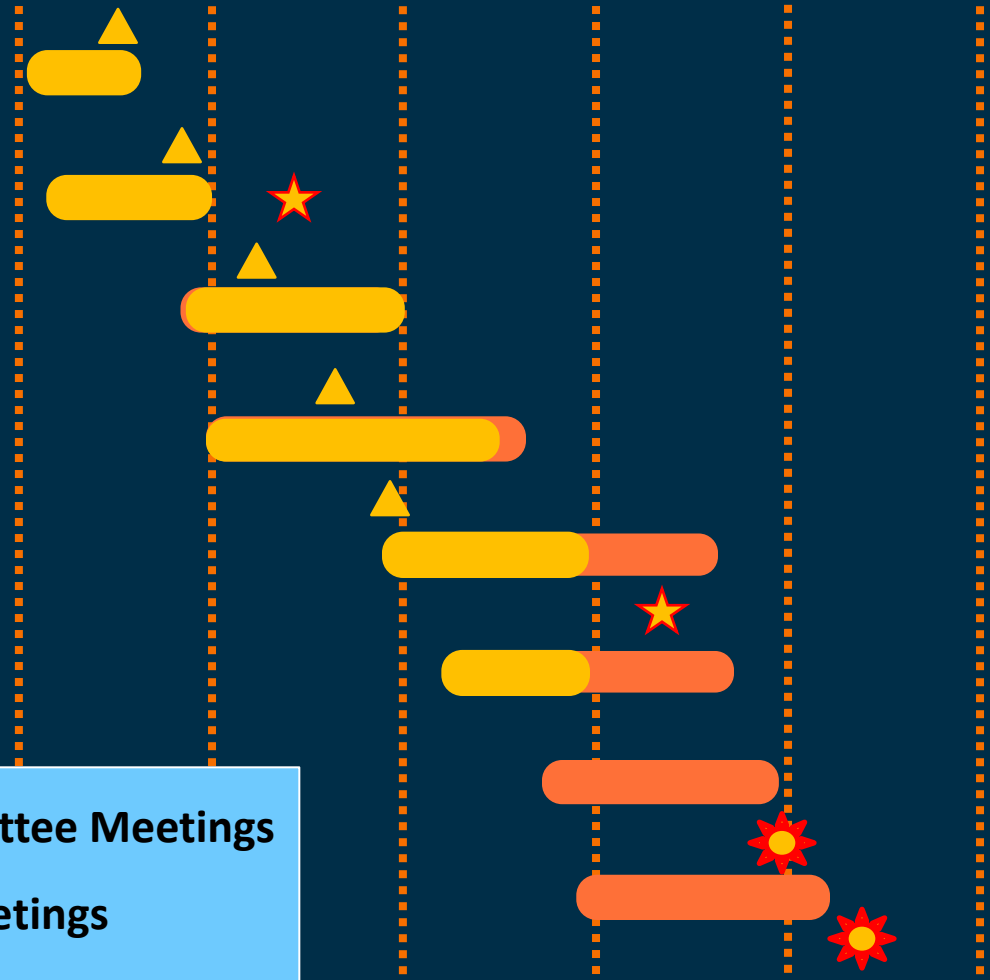
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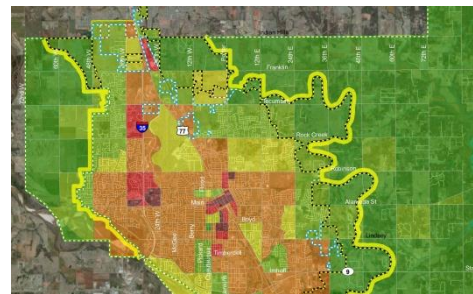
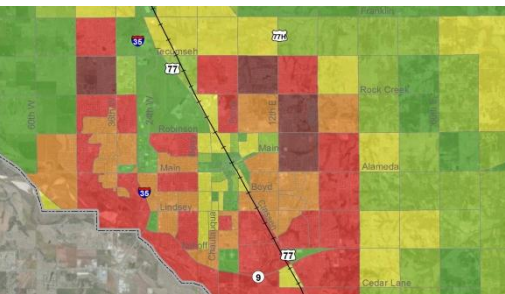
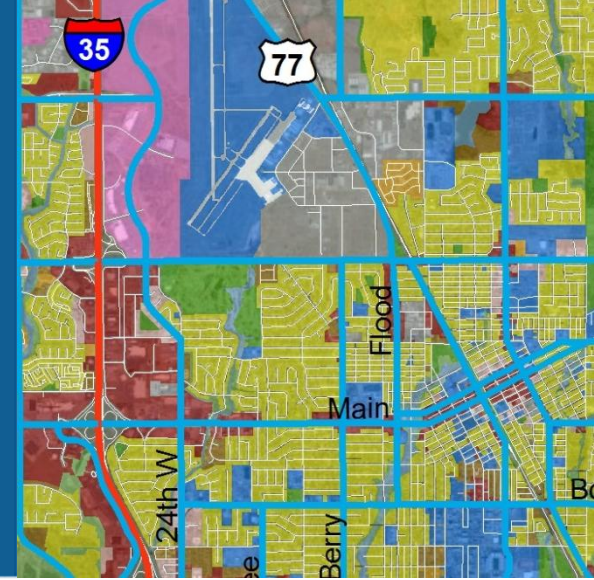
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CTP Q&A SESSION