



Community Workshop #1

Agenda

- *What is Connect 2045?*
- *Project Updates / Coordination*
 - *Existing Conditions Assessment - Data Collection*
 - *Public Participation*
 - *Economic Development and Demographic Forecasting*
 - *Model Development*
 - *WYDOT Coordination – I-80 & I-25 Interchange*
- *Project Plan and Policy Review*
 - *PlanCheyenne Overview*
 - *MPO Boundary – Do we need to change?*
- *Next Steps*

PlanCheyenne 101

PlanCheyenne Background

- **2006 - first Master Comprehensive Plan was adopted**
 - Included a community plan (future land use), transportation master plan, and parks & recreation master plan
 - Combined effort of City of Cheyenne, Laramie County, and Cheyenne MPO
- **2014 - plan updated to the horizon year of 2040**

PlanCheyenne 101

Why We Are Here

- **Update to the region's Long Range Transportation Plan**
 - The FAST Act requires MPOs to develop long-range transportation plans through a performance-driven, outcome-based approach to planning for metropolitan areas.
 - The plan establishes a regional transportation vision and identifies the necessary projects over the next 25 years to achieve that vision - 2045 horizon year
- **What has changed?**
 - Transportation trends?
 - Federal and State programs?
 - Population growth trends/projections

PlanCheyenne 101

What does the 2014
PlanCheyenne tell us?



Demographic and Land Demand Forecasts



Travel Demand Model



Roadway Needs



Transit System Recommendations



Bikeways and Trails Network Needs



Safety, Freight, Travel and Tourism Impacts

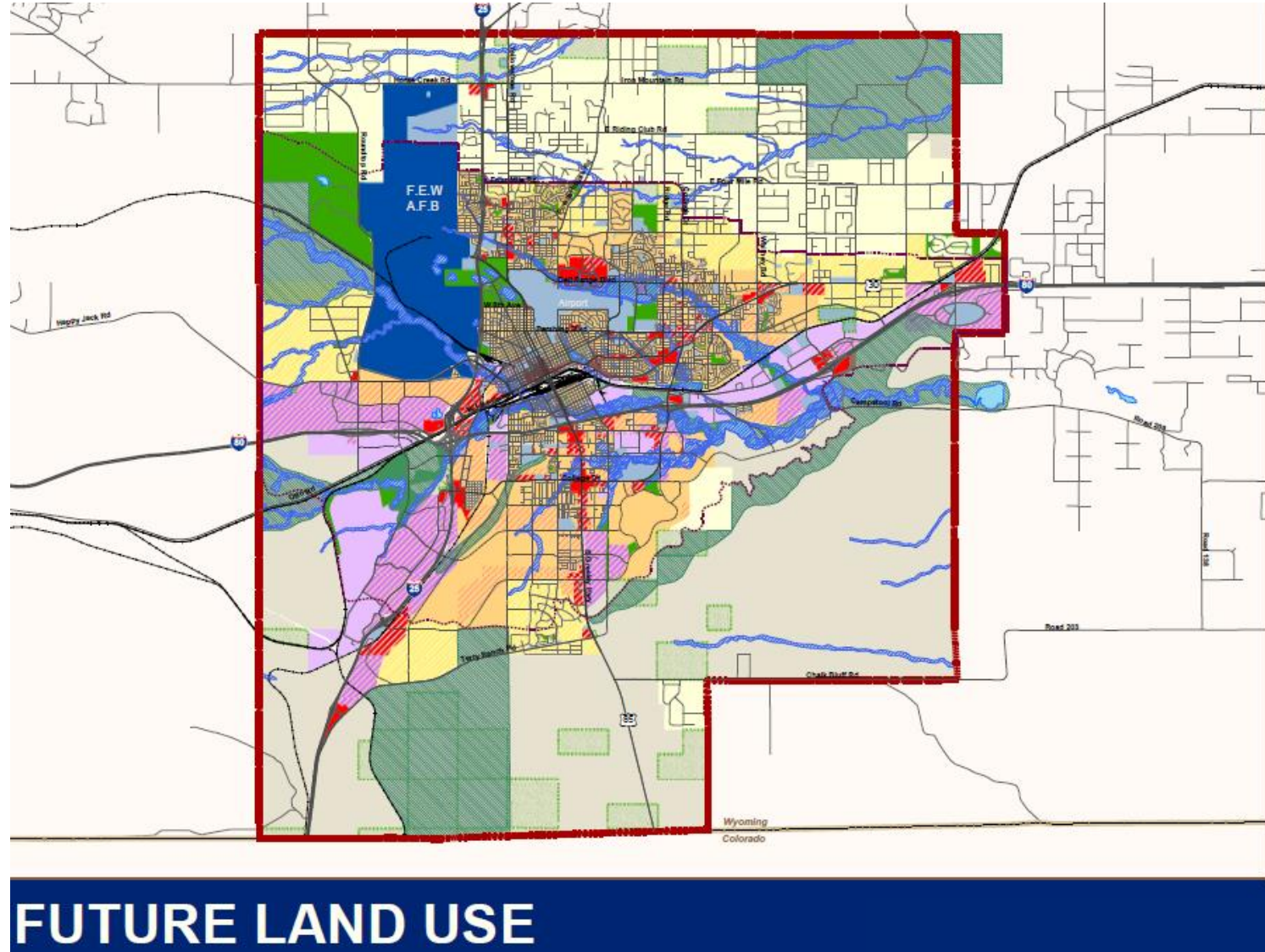


Emerging Technology Considerations



Demographic and Land Demand Forecasts

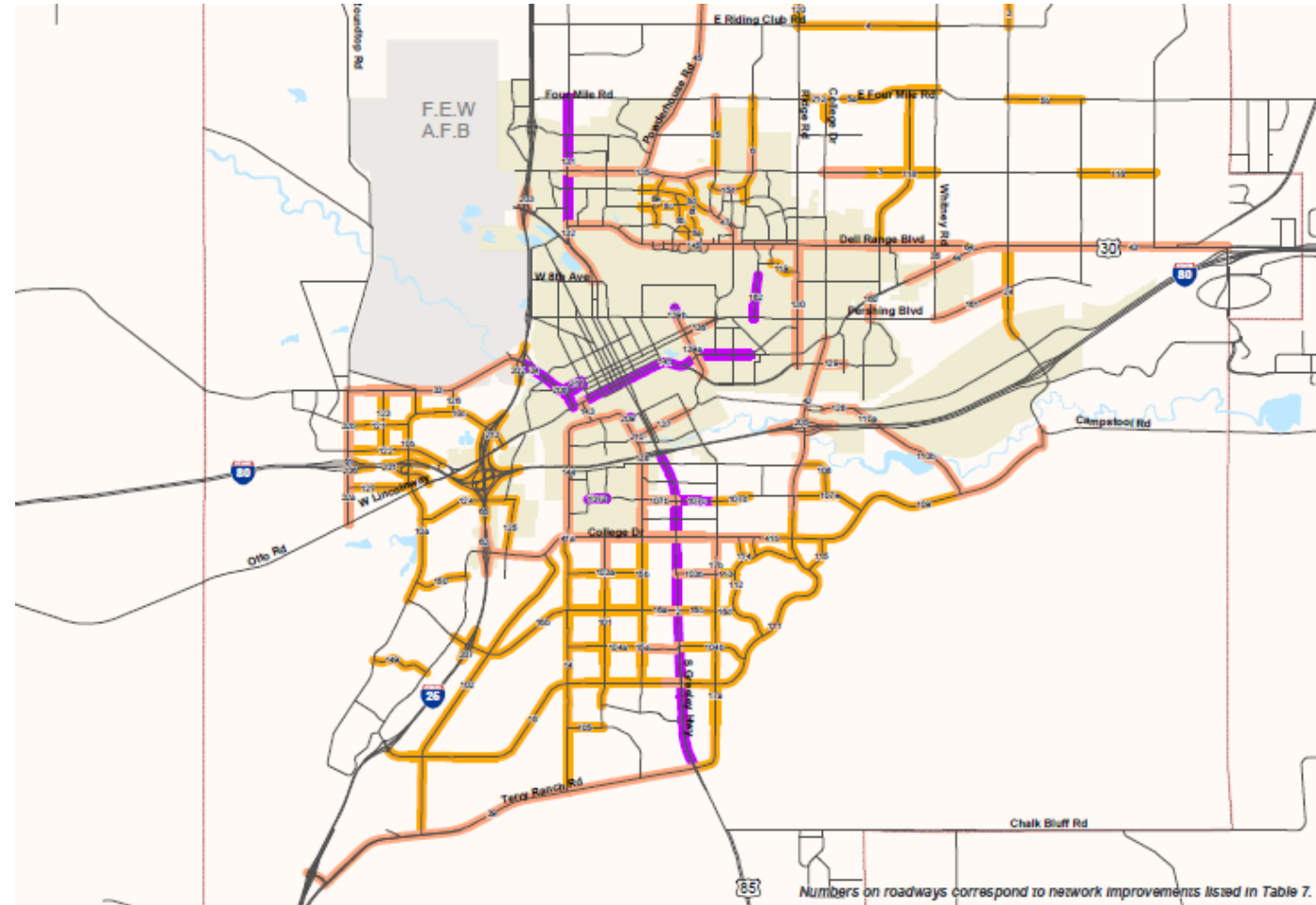
- Employment growth:
 - 650 – 880 jobs per year for next 10 years (2024);
 - 580 – 800 jobs for next 25 years;
 - 550 – 775 jobs per year for next 50 years.
- Population growth:
 - 870 – 1,130 persons per year for next 10 years (2024);
 - 990 – 1,270 persons per year for next 25 years;
 - 940 – 1,230 persons per year for next 50 years.





Roadway Needs

- In 2014, roadway network was being improved quickly enough to accommodate growth.
- With increases in demand, roadways at/over capacity will impact mobility without improvements
- Where realistic improvements are not available:
 - Design and policy recommendations can promote shorter trips by other modes
 - Technology can optimize existing network and direct travel to areas with less congestion

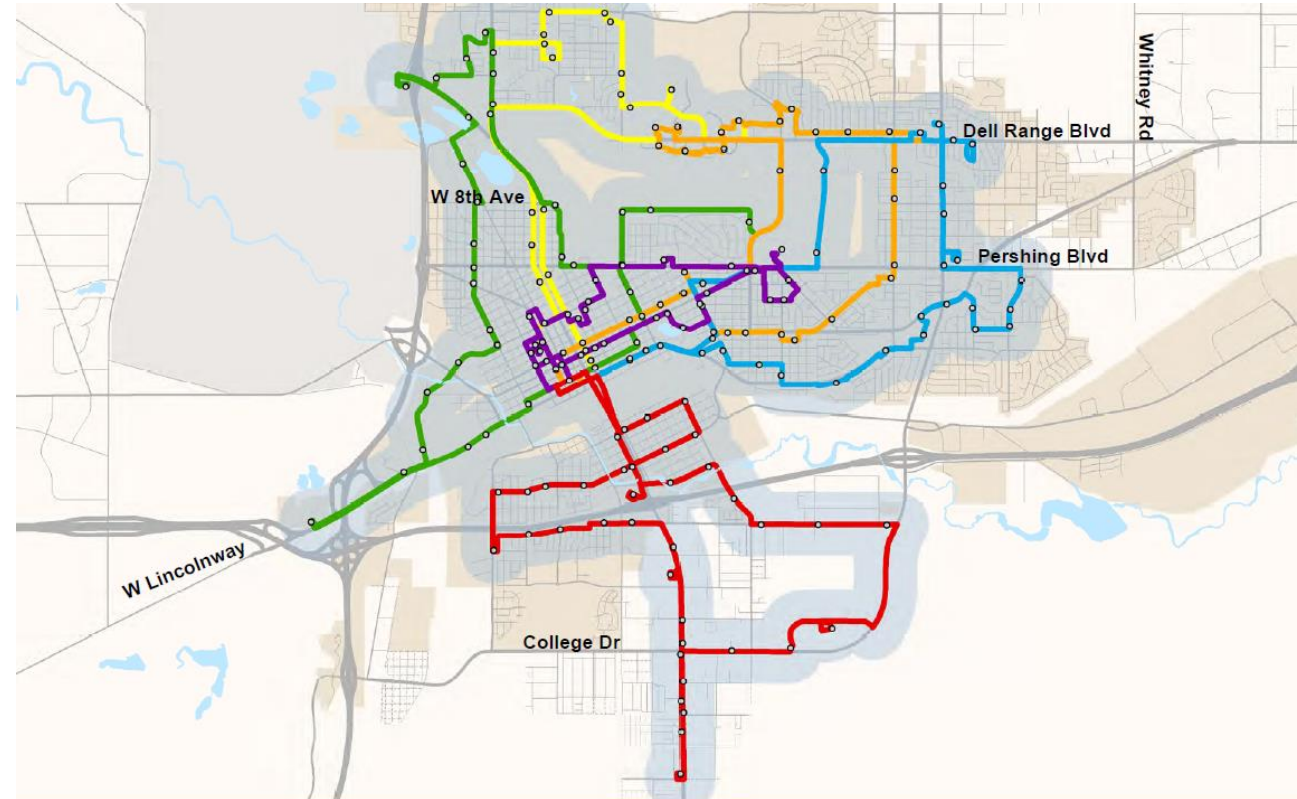


2040 ROADWAY VISION



Transit System Recommendations

- Recommends reallocation of resources and system reconfiguration to include two-way routes (instead of one-way loops).
- Extend transit service to reach new homes and jobs:
 - Focus on lower income areas.
 - Focus on major employment centers,, educational institutions, shopping centers, and recreational areas.
- Provide adequate connections to other modes (bike/ped, park-and-rides).
- Plan for premium transit (rail or more advanced bus, such as Bus Rapid Transit)

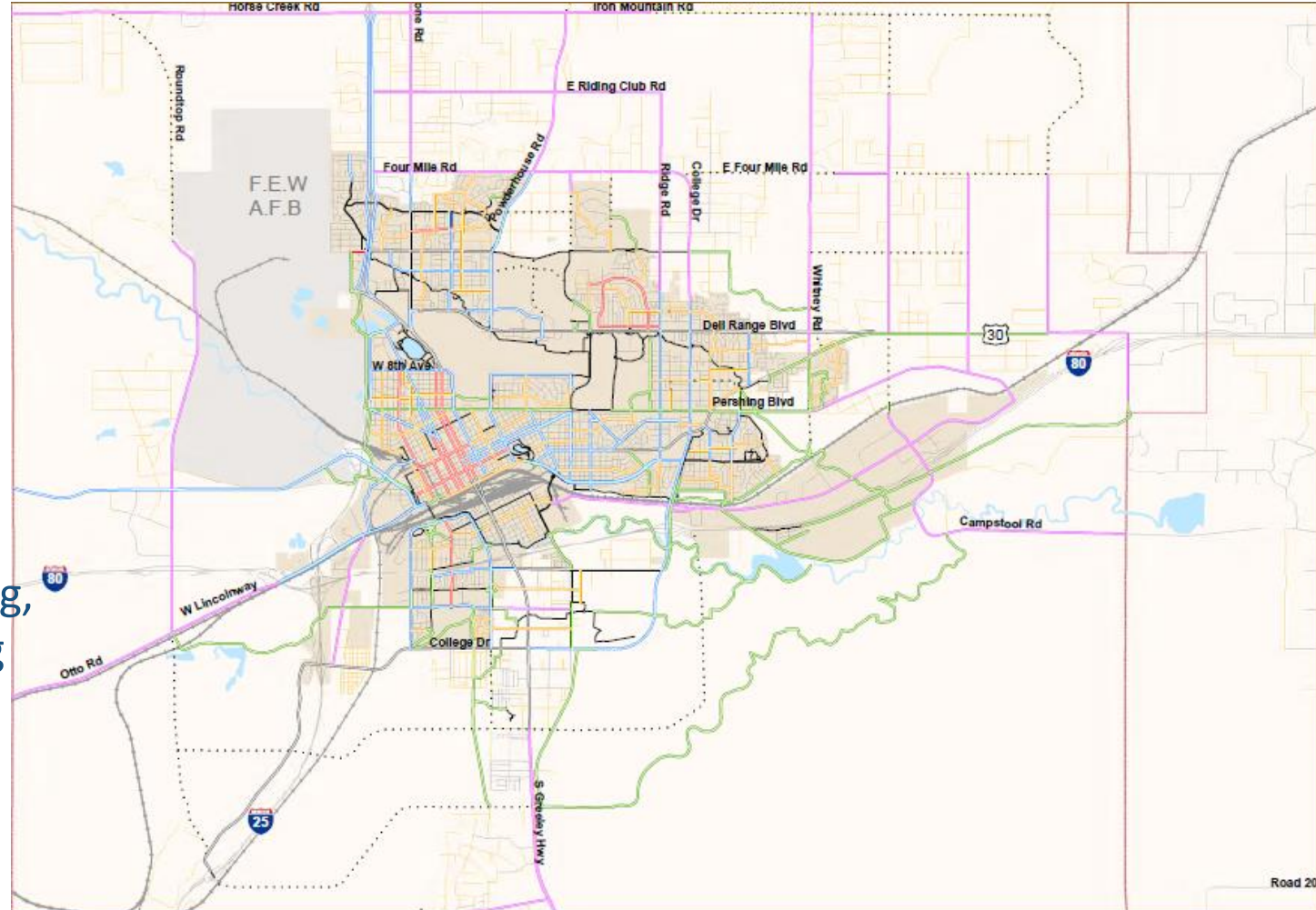


EXISTING TRANSIT SYSTEM (2011)



Bikeways and Trails Network Needs

- Fill missing greenway segments and make short connections between community destinations.
- 280 miles of recommended projects:
 - Shoulder lanes/bike lanes, shared lane markings, bicycle boulevards, and greenways.
- Recommended amenities:
 - Bicycle detection, wayfinding, bike parking, data collection/ performance monitoring

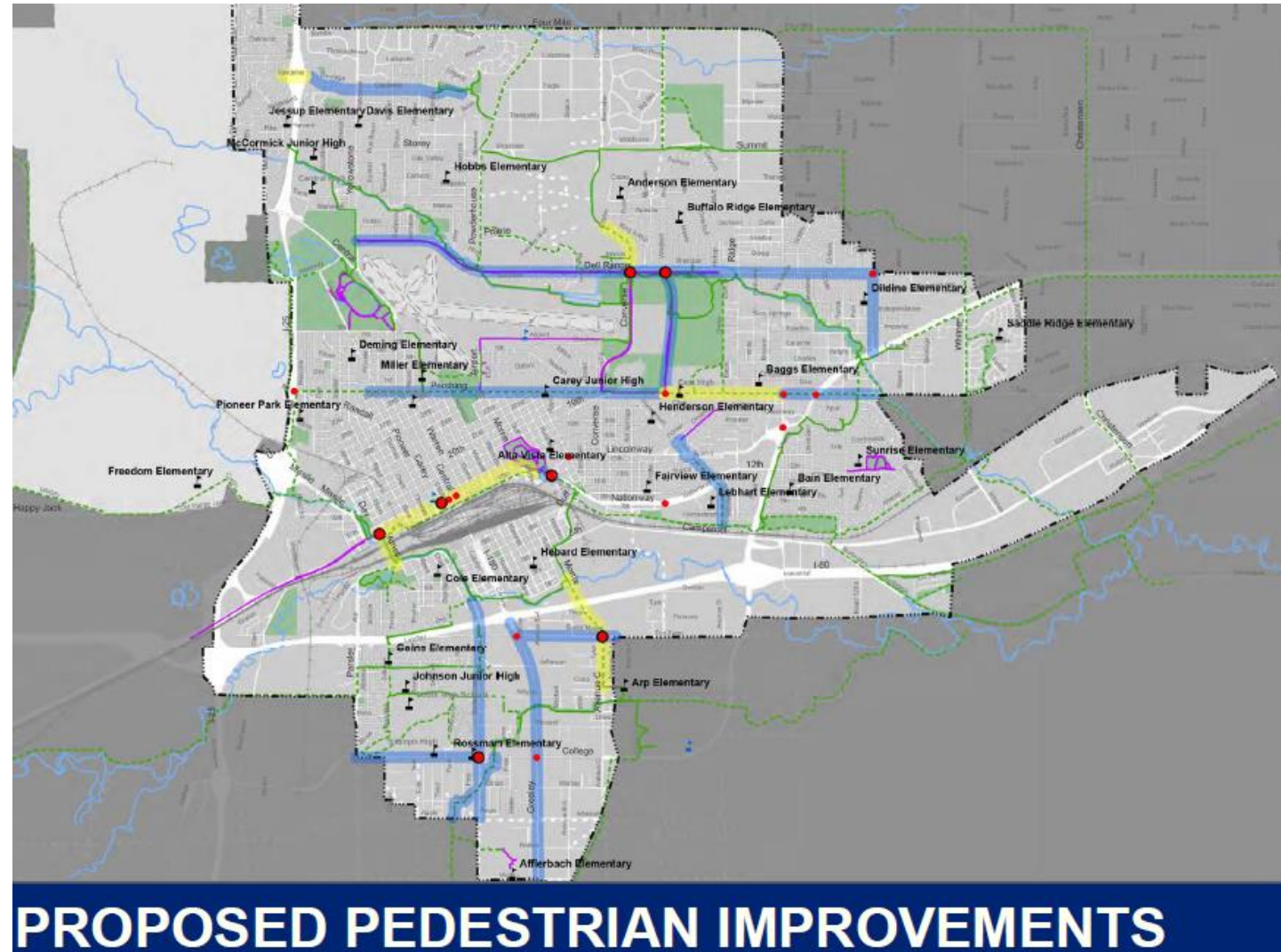


EXISTING AND PROPOSED BICYCLE NETWORK



Pedestrian Network Needs

- Ensure new/(re)development accommodates pedestrians.
- Complete Street approach and mixed use centers
- Projects:
 - Sidewalk improvements
 - Intersection (signage and striping, signal timing, ADA)
- Programs and Activities
 - Walking maps, pedestrian counts program, Share the Road class, Wayfinding program, Ped facility maintenance plan



PROPOSED PEDESTRIAN IMPROVEMENTS



Safety, Freight, Travel and Tourism Impacts

Freight

- Intermodal facility where freight could be transferred to trucks
- Passenger rail possibilities
- Truck routes:
 - Traffic passing through Cheyenne should use I-80 and US-85
 - Traffic with destination in Cheyenne should utilize major arterials (avoid trucks on collector streets)
- Work with WYDOT to develop a comprehensive freight plan



Safety, Freight, Travel and Tourism Impacts

Safety

- Improve roadway safety through reducing congestion that leads to accidents
- Access control to reduce conflict points
- Bike/ped – hazard reduction, lighting, separation from traffic
- Enhance community culture of safety
- Coordinate with public safety agencies and staff in region (fire, emergency services, law enforcement) to plan for and coordinate to implement safety processes and systems

Federal Planning Goals

FAST
ACT

1. Economic vitality
2. Safety
3. Security
4. Accessibility and mobility
5. Environment, energy conservation, and quality of life
6. Integration and connectivity
7. Efficient system management and operations
8. System preservation
9. **Resiliency**
10. **Travel and tourism**

Goal Setting

Current Transportation Principles

- Roadways in and around our new neighborhoods will be designed to **accommodate increased travel demand** while maximizing safety.
- **Impacts to existing neighborhoods** will be minimized when making road improvements.
- The Cheyenne area will build a **safe, multimodal transportation system** that consists of streets, sidewalks, bicycle facilities, and transit.
- The Cheyenne area will maintain a **fiscally responsible** transportation plan.
- The Cheyenne area will **maximize use of the existing roadway system**.
- Transportation that provides opportunities for residents to lead **healthy and active lifestyles** will be promoted.
- The Cheyenne area will accommodate **truck and freight goods movement**.

Goal Setting - *Add/Change Principles?*

Traffic Flow/
Congestion
Reduction

Travel Safety

Multimodal

Minimize
Neighborhood
Impacts
(Livability?)

Fiscal
Responsibility

Maximize Existing
Roadway System
(Connectivity?)

Healthy Active
Lifestyles

Truck and Freight
Movement

**Economic
Vitality?**

**System
Preservation**

**Environment,
energy
conservation, and
quality of life**

**Travel and
tourism**

Resiliency

**Integration and
connectivity**

**Accessibility and
Mobility**

**Efficient system
management
and operations**

Air Quality?

Public Support?

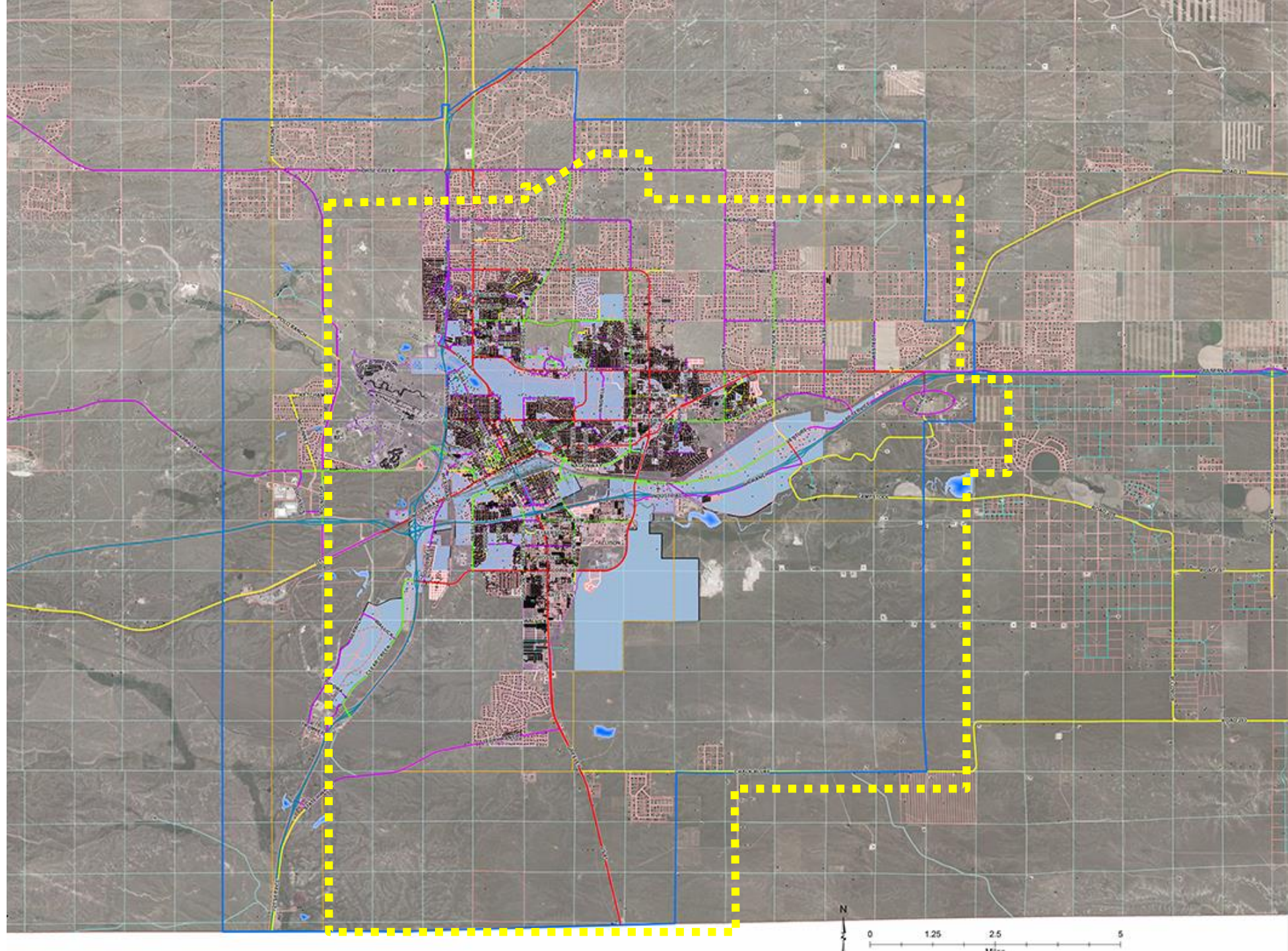
Social Equity?

Many Other?

Performance Measures

- Safety (*Highway and Transit*)
- Infrastructure Condition (*Highway and Transit*)
- System Reliability
- Freight Movement and Economic Vitality
- Congestion Reduction
- Environmental Sustainability

MPO Boundary



- *Next Steps*

Schedule & Deliverables

Project Schedule

Plan Start – June 20, 2019

Plan Adoption – August 2020?

Project Milestone	Anticipated Date
Task 1 – Visioning and Conditions Assessment	
Plans and Policy Review Memo	Summer 2019
Final Economic and Demographic Forecasts	Fall 2019
Model Review Memo	Fall 2019
Existing Conditions Report	Fall 2019
Goals, Objectives, and Performance Measures Report	January 2020
Task 2 – Recommendation Development	
Draft Recommendations and Range of Alternatives Matrix	Winter 2020
Task 3 – Performance Based Planning	
Prioritized Project Lists and Maps	Spring 2020
Task 4 – Funding and Implementation	
Fiscally Constrained Plan Financial Model	Spring 2020
Financing Strategy Memo	Spring 2020
2045 Implementation Action Plan	Summer 2020
Task 5 – Documentation and Adoption	
Draft and Final PlanCheyenne Transportation Master Plan	June/July 2020
Draft Plan Public Hearing (City and County Planning Commissions)	July 2020
Adoption Study Session Meetings	August 2020

Public Participation	Anticipated Date
WYDOT Highway Reconstruction Coordination	Summer 2019
Digital Communication	On-going
Digital Engagement Online Survey	Summer 2019
Steering Committee Meetings #1-4	Summer-Fall 2019
Focus Group Meetings	Fall 2019
Community Meeting #1	Fall 2019

Community Charrette	Winter 2020
---------------------	-------------

Community Meeting #2	Spring 2020
----------------------	-------------

<i>Other Meetings and Engagement</i>
Pop-Up Events (3)
MPO Committee Meetings (6)
City Council Meetings (4)
County Commission Meetings (2)