



YELLOWSTONE COUNTY BOARD OF PLANNING
CITY OF BILLINGS AND
YELLOWSTONE COUNTY, MONTANA



AGENDA

October 23, 2018 MEETING TIME: 6:00 p.m.
1st Floor Large Conference Room, Miller Building
2825 3rd Avenue North, Billings, Montana 59101

1. **CALL TO ORDER - Planning Board President:** Welcome and Introduction of new and returning Board Members.
2. **APPROVAL OF AGENDA*** - including any additions or deletions to agenda. The agenda for a regular meeting will be closed at 5:00 p.m. three (3) working days prior to the date of the meeting.
3. **MOTION. MEETING MINUTES:OCTOBER 10, 2018**
4. **PUBLIC COMMENT PERIOD** – As required (3 minute maximum per person). *Any member of the public may be heard on any subject that is not on the agenda. The Planning Board will not take any action on these items at this time, but could choose to add an item to the next meeting's agenda for discussion.*
 - 4a) **Comments on items not on agenda and requests to add items to future agendas**
 - 4b) **Comments on items on the non-public hearing agenda items**
5. **DISCLOSURE OF CONFLICT OF INTEREST:**
6. **DISCLOSURE OF EX PARTE COMMUNICATION:** Ex Parte Communication Binder is available at the Sign-In and Agenda station.
7. **OLD BUSINESS** (Agenda items that were not discussed or not completed in a previous meeting or items requiring action).
 - a. **MOTION/RECOMMENDATION TO PCC. 2018 LONG RANGE TRANSPORTATION PLAN UPDATE. LORA MATTOX, TRANSPORTATION PLANNER, PRESENTING.**
8. **NEW BUSINESS:** (Agenda items new to this meeting).
9. **OTHER BUSINESS:**

- a. **REMINDER: BOARD AND COMMISSION APPRECIATION DINNER:** Thursday, October 25, 2018, 5:30 p.m. Hosted by the City of Billings. Billings Community Center, 360 North 23rd Street. Board members are to confirm by contacting the City Administration Office. Phone: 406-657-8433 or E-mail: maddoxw@ci.billings.mt.us

 - b. **ANNOUNCEMENT:** The Planning and Community Service office will be closed November 6, 2018 in observance of Election Day; November 12, 2018 in observance of Veterans Day; and November 22, 2018 in observance of the Thanksgiving Day Holiday.

 - c. (Standing Item) Long Range Strategic Issues and an overview of future City and County issues and projects.
10. **ADJOURNMENT**

FUTURE AGENDA ITEMS FOR TUESDAY, NOVEMBER 13, 2018

- a. **MOTION. NOMINATION COMMITTEE FOR 2019 PLANNING BOARD OFFICERS:
PLANNING BOARD MEMBERS**

Planning Board Meeting 2 (4th Tuesday)

Meeting Date: 10/23/2018

Information

Subject

MOTION. MEETING MINUTES:OCTOBER 10, 2018

Attachments

PlnBMinutes_2018_10_10_DRAFT

CITY/COUNTY PLANNING BOARD

"Serving Billings, Broadview and Yellowstone County"

Board Attendance Roster: Please note: "E" stands for excused absence, "A" stands for un-excused absence, "1" stands for present. **BYLAWS, YELLOWSTONE COUNTY BOARD OF PLANNING, (Amended. May 25, 2004) Section 4. Absences and Removal A.** Each member shall inform the Planning Director at least one day before the meeting of his/her inability to attend a Board or Committee meeting. Such an absence shall be considered an excused absence. If any Board member accrues three (3) or more consecutive unexcused absences from regular meetings, notice of which has been given at his/her usual place of work or residence, or by announcement at a meeting attended by him/her, the President may call such absences to the attention of the Board which may then recommend to the appointing authority that such member be asked to resign and that another person be appointed to serve out the unexpired term. Schedule: (** denotes a Wednesday meeting)

	Position	01/09/2018	01/23/2018	02/13/2018	02/27/2018	03/13/2018	03/27/2018	04/10/2018	04/24/2018	05/08/2018	05/22/2018	06/12/2018	06/26/1208	07/10/2018	07/24/2018	08/14/2018	08/28/2018	09/11/2018	09/25/2018	10/10/2018				
Dave Goodridge	Mayor/Billings Ward I	1	1	1	1	E	E	-	E	E	E	1	E	1	1	1	-	E	1	1				
Matt Macrow	Mayor/Billings Ward II	E	1	1	1	1	1	-	E	1	1	1	1	1	1	E	-	1	1	1				
LaVerne Bass	Mayor/Billings Ward III	1	1	1	E	E	E	-	1	E	E	E	A	A	E	1	-	1	E	1				
Darell Tunnickliff	Mayor/Billings Ward IV	1	1	1	E	1	E	-	1	1	1	1	1	1	1	1	-	1	1	1				
John Thompson	Mayor/Billings Ward V	-	-	-	-	-	-	-	1	1	1	1	1	1	E	1	-	E	1	1				
Troy Boucher	YC District 1	1	1	1	1	1		-	E	E	1	1	-	E	A	E	-			1	1			
Dennis Cook	YC District 2	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	-	1	1	1				
Vacant	YC District 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vacant	YC District 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Woody Woods	YC District 5	1	E	1	1	1	1	-	1	1	1	1	1	1	1	1	-	1	1	1				
Vacant	YC District 6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vacant	YC District 7	-	1	-	-																			
Jerry Williams	Y County Cons. District	-	1	-	1	1	1	-	1	E	1	1	1	E	E	E	-	1	1	1				
Scott Reiter	Ex-Officio SD2	E	A	A	E	A		-	E	E		E	E	A	A	-	-			A	A			

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OCTOBER 10, 2018

Approved by a motion on October 23, 2018

Call the Meeting to Order

President Tunnicliff called the meeting to order at 6:00 p.m. on Tuesday, October 23, 2018, in the Miller Building 1st Floor Conference Room, 2825 3rd Avenue North, Billings, Montana.

Introduction of Planning Board Members and Planning Department Staff

President Tunnicliff called for introductions of the members of the Planning Board and staff.

Attending Planning staff members: Monica Plecker, Planning Division Manager; Dave Green, Planner II; Tammy Deines, Planning Clerk; Darin Swenson, YC Public Works Department

Others in Attendance: Dianne Lehm, BSEDA; Thom Maclean, BSEDA; Tobin Novasis, Lockwood School District; Pamela Ask; Jimmy Hertz; H Thomas Llewellyn; Becky J Weekes; Kevin Nelson, Andy Daleiden, Kittelson

Approval of the October 10, 2018 Agenda

Motion:

Board member Macrow made a motion and it was seconded by Board member Cook to approve the October 10, 2018 meeting agenda as submitted. The motion was approved with a unanimous voice vote.

Approval of Minutes: September 25, 2018

Motion

Motion was made by Board member Macrow and seconded by Board member Cook to approve the September 25, 2018 meeting minutes as submitted. The motion carried with a unanimous voice vote.

Public Comment: President Tunnicliff asked if there was anyone wishing to speak during the public comment portion of the meeting. He stated any member of the public may be heard on any subject that is not on the agenda; the Planning Board will not take any action on these items at this time, but could choose to add an item to the next meeting agenda for discussion

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Disclosure of Outside (Ex Parte) Communication– Board Members and Planning Staff. The Ex Parte Communication Binder is available at the Sign-In and Agenda station. Board member Woods stated he has no conflict of interest on agenda item 7b, Lockwood TEDD Amendment and will participate in the discussion.

7. OLD BUSINESS

7a. Presentation. Motion/Recommendation to BOCC. Lockwood TEDD Comprehensive Development Plan. Dianne Lehm, BSEDA, presenting.

Dianne Lehm opened with background on the original Lockwood TEDD project and the Comprehensive Plan. This process is to amend the boundary area. The same process and criterion will be followed with this amendment to forward a recommendation to the BOCC. She clarified and said the Planning Board is to consider whether the Lockwood Comprehensive Development Plan Amendment is consistent with the Growth Policy. The following points were presented:

- **Lockwood TEDD Amendment:** The District was created in 2016 with the intent of promoting development of infrastructure to support value in adding economic development.
- **Project location:** Lockwood, north of I-90
- **TEDD Boundary:** 570 acres. Proposed are: 624 acres. Total 1,194 acres
Properties: 33 with 18 property owners
- **Criteria that must be evaluated:**
 - Continuous area; zoned for uses in accordance with the growth policy;
 - May not comprise any property included in an existing TIF
 - Must prior to its creation be found to be deficient in infrastructure improvements;
 - Must have in place a comprehensive development plan adopted by the local governing bodies
- **Project Activities:** Amendment Request; Zoning; Infrastructure Analysis; Comprehensive Development Plan analysis of amendment area and compliance with TEDD goals; Public Hearing: Planning Board and BOCC.

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- **Plan Elements:** Boundary; Compliance with the Growth Policy; Compliance with Zoning; Goals of the District; Infrastructure Analysis; Targeted industries; Financing
- **2016 Lockwood Growth Policy:** contemplated development of the TEDD area
- **Zoning:** with the TEDD complies with the Growth Policy statement and the future land use map.
- **Goals:** This amendment continues the original goals written within the original plan. This includes goals to facilitate the provision and development of planned, ready to go industrial space; and providing a locally driven funding tool with the private sector for construction on key infrastructure.
- **Targeted Industries:** manufacturing; processing, technology based; upstream and midstream oil and gas; agri-business; food processing, distribution
- **Financing of Improvements:** Developer Interest; Grants and Loans and Tax Increment Financing as the project grows and builds.
- **Program Administration:** TEDD Advisory Board; Board of County Commissioners
- **Why?** Identified as a need to have planned industrial space; Tool to stay relevant;
- **Benefit:** ability to plan for Lockwood's future
- **Outcome:** Spur additional development within Lockwood

Discussion

President Tunnicliff called for questions and discussion Board member Thompson asked for information on the public meeting conducted on October 3, 2018. Ms. Lehm said approximately 16-20 citizens attended the open house venue. Several maps were posted, a brief presentation was given on this proposal; and questions and comments were addressed.

Public Hearing

At 6:10 p.m., President Tunnicliff opened the public hearing and called for anyone wishing to speak in favor or against the Lockwood TEDD Comprehensive Development Plan amendment.

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Tom Llewellyn, 1925 Grand Avenue, Suite 124, Billings, Montana

Mr. Llewellyn is representing Jimmy Hertz and Ramierez. He stated this proposal fits and meets the standards of the Growth Plan. Mr. Llewellyn stressed the importance of creating another access to Dickey Road for emergency purposes to address health and safety issues. He feels approval of this request will create employment opportunities that will add to the community as a whole. Mr. Llewellyn said this property fits the Growth Plan and the community need. The location between the railroad and the highway makes it a "better package".

Tobin Novasio, Lockwood Schools, novasiot@locwoodschoool.org

Mr. Novasio said he attending on behalf of Lockwood tax payers to voice opposition to changing the TEDD. The concern is the industrial zoning will limit growth in the space and place a larger burden of taxes on the community and home owners. Mr. Novasio stated Lockwood cannot sacrifice the economic health of the community for what could happen in thirty years.

Kevin Nelson, yc0s59101@gmail.com

Mr. Nelson said traditionally the growth standard is to plant the seed and reap the benefits of the growth. In this case, the "seed planted" has not been well received and hasn't grown. Mr. Nelson suggested setting this amendment aside for four to five years to see if there is growth with the current district. He said the TEDD may not have to be expanded due to growth outside of the district.

Pamela Ask, 5320 High Trail Road, Lockwood, MT

Ms. Ask serves as a Lockwood School Board trustee. She distributed copies of the July 10, 2018 letter from Lockwood SD #26 giving reasoning for their opposition to the proposed expansion. She explained that during 2016, no timeline existed for The Bypass construction project and the bond issue was not passed for the new high school. She said it's not necessary to expand the TEDD footprint as the interstate and high school will naturally spur growth. Ms. Ask stated the area in Lockwood is finite due to the topography and the locality of the Yellowstone River. She feels taking this large piece of property in a prime area for development could be detrimental. The property owners will be able to develop on their own, and there is a lot of interest in available lands. Ms. Ask said according the Revenue office, the TEDD in its current form is about 8 years out to have the funds necessary to fund a bond.

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Becky Weekes, 7416 Monad Road, Billings, Montana

Ms. Weekes owns one of the properties in the district. She commented on the overall aesthetics of Lockwood, and said sometimes development needs to take place to spur improvements in the area.

President Tunncliff asked if there is anyone else wishing to speak in favor or against the Lockwood TEDD Comprehensive Development Plan. There was none. President Tunncliff closed the public hearing at 6:24 p.m. and called for a motion.

Motion

Board member Woods made a motion and Board member Cook seconded the motion to forward a recommendation to the BOCC of approval of the Lockwood TEDD Comprehensive Development Plan amendment as presented.

President Tunncliff called for discussion on the motion. There was none. The motion carried with a unanimous voice vote.

8. NEW BUSINESS

8a. Presentation. Public Hearing. 2018 Long Range Transportation Plan Update. Andy Daleiden, Kittelson & Associates; Lora Mattox, Transportation Planner, presenting.

Consultant Andy Daleiden, Kittelson & Associates opened this agenda item with a presentation.

What is a long range transportation plan, (LRTP): The plan outlines the long range vision for the transportation system and identifies transportation improvements for a 20-year period, (2040).

Why-federally required to update it? Metropolitan areas with populations over 50,000 are federally required to update their LRTP every 4 years. Updating helps Billings define its vision for the planning effort for future projects. Identifies financial aspects and potential revenue stream for projects.

Who is Involved?: Includes Federal Highway Administration; MDT; MPO- City of Billings and Yellowstone County, MET, Lockwood, Resource Agencies and the Public, Consultant DOWL, Consultant Kittelson & Associates

LRTP Timeline: Spring 2018-Identify transportation needs and opportunities; Summer 2018 Public Involvement. Collect feedback on proposed projects and prioritization. Fall 2018 Plan Adoption October 2018. (PCC-October 30)

Draft Plan: available at <http://www.billingslrtp.com>

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- ▶ Plan adoption schedule
 - ▶ TAC Meeting - October 4th (completed)
 - ▶ Yellowstone County BOCC - October 9th (completed)
 - ▶ Yellowstone County Board of Planning - October 10th (completed)
 - ▶ **Billings City Council - October 15th (tonight)**
 - ▶ Yellowstone County BOCC - October 16th
 - ▶ Billings City Council - October 22nd
 - ▶ Yellowstone County Board of Planning - October 23rd
 - ▶ Policy Coordinating Committee - October 30th

Elements: 14 Chapters. Introduction, Public & Interagency Involvement; Goals, Objectives, Performance Measure, Targets; Existing and Future land use, Description of Multimodal Transportation System; Safety and Security; Project Programming and conformity.

Public and Interagency Involvement: website: www.billingslrtp.com; Steering Committee; Resource agencies; Youth engagement; Open houses and online survey, Media coordination and social media, E-mail updates

Study area: Urban area, Lockwood, elements of Yellowstone County

LRTP Goals: Safety; Functional Integrity and Efficiency; Prioritized Improvements; Environment; Public Transit; Economic Vitality

Land Use-Population Growth (2-17-2040): West end growth anticipated

Land Use-Employment Growth, (2017-2040). Identified growth in Lockwood, largely due to the TEDD

Functional Classification Map for MPO-similar to 2014 LRTP with a few refinements

Draft Project List-Types/Categories

→**Committed Projects**-Transportation Improvement Program, (TIP); Capital Improvement Plan, (CIP); Years 2018-2028. Fiscal Constraint of LRTP

→**Recommended Projects:** not programmed; Upcoming projects for the TIP and CIP. Years 2029-2040. Fiscal Constraint of LRTP

→**Illustrative Projects:** Visionary; Not expected to occur within 2040 horizon
33 roadway; 30 intersection. (Programmed) Includes several annual programs, \$343 million.

Draft Project List—Roadway and Intersection Projects

120 Total Projects Identified: 58 Roadway, 62 Intersection projects. Committed Projects: 33 Roadway; 30 Intersection; Includes several annual programs (\$343 million)

Draft Project List/Congestion Management Projects: 28 total projects. Committed projects: 8 Congestion Management (\$13 million)

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Draft Project List/Pedestrian Bicycle, &* Multi-use Trail Projects: Pedestrian: 49 total projects; Bicycle Lane Projects: 54 total projects; Bicycle Boulevard Projects: 65 total projects

Draft Project List/Multi-Use Trail Projects: 272 Total Projects: 49-Pedestrian, 54-Bicycle Lane; 65 Bicycle Boulevard, 108 Multi-use trail.

→**Committed Projects:** 8 Pedestrian, 2 Bike Lane, 9 Multi-use trail (\$19 million)

Draft Projects and Strategies-Other Modes: Transit, Truck, Rail

Revenue & Project Cost Analysis-Fiscal Constraint. Estimated Revenue-\$900 M; Estimated C+R Projects-\$800M. Difference: \$100M Remaining

Discussion

President Tunncliff commented the updated plan enhances the ability to receive project funding. He complemented Planning Transportation staff and the consultants for their professional work. Board member Goodridge asked if the visionary projects from past TIPs have moved forward and considered as long range illustrative projects. Staff noted the 2014 connection from Highway 3 to Molt Road project has moved forward from “illustrative” to “recommended”. Transportation Coordinator Scott Walker spoke on the Bypass project and how the project’s cost affects the overall transportation system’s need for effective and efficient funding for current infrastructure. Board member Woods asked if Lockwood projects are included and the eligible funding sources were noted. In response to question by Board member Thompson, staff commented on the MET Automatic Fare Collection and recently deployed bus route tracking application. Board member Thompson asked regarding the plan’s environmental safety elements. Mr. Daleiden pointed out the components identifying need for studies; healthy living and active transportation; and the significant number of pedestrian and multi-use trails projects. Lora Mattox stated staff anticipates bike boulevards to be included in the next CIP along with wayfinding signage. Board member Cook commented prioritization will be a large factor in choosing projects. Scott Walker concurred and said a majority of the Federal Highway funding is going towards the Bypass project. He said there will be activity by staff during the 2021 timeframe to bring forward projects in consideration of priorities in the Transportation Plan and the CIP. Per request of Board Member Bass, Scott Walker gave the projected buildout timeline for the Bypass project. Board member Goodridge pointed out the need for an informational tie from one plan to the next to demonstrate overall progress. Mr. Daleiden pointed out the figure, "How are things going?" in the proposed plan identifying completed projects, plans, policies. Board member Thompson- asked about MDT’s involvement with this plan. Scott Walker

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replied MDT is very engaged and acts as part of the transportation planning process, members of the Policy Coordinating Committee and a member of the oversight member. The MDT Planning Office, Helena, is involved from the beginning as a go-to for the Department of Transportation interface.

Public Hearing

At 7:11 p.m. President Tunncliff opened the public hearing and asked if there is anyone wishing to speak in favor or against the 2018 Transportation Plan Update.

Kevin Nelson, yc0s59101@gmail.com

Mr. Nelson-commented on the plan's documentation and statistics for intersection types and asked for clarification on the statistic that three of four accidents occur at roundabouts. He asked if the plan should continue with the roundabout use? He asked about the Moore Lane intersection and the reasoning for the statistic for outbound freight decreasing 30% and the inbound freight increasing by 69%.

Mr. Daleiden thanked Mr. Nelson for reading the plan. He responded and said the crash statistics are provided by MDT at four locations. Several factors are at play; specifically, multi-lane roundabouts areas are under capacity in terms of design which results in potential safety deficiencies. The freight statistics are obtained from a national source at the federal level and the Freight Analysis Framework. Regarding the Moore Lane intersection, MDT conducted a state-wide grade crossing study and Moore Lane and 27th street were identified for further study.

President Tunncliff closed the public hearing at 7:18 p.m. The Planning Board will take action and forward a recommendation to PCC during the Tuesday, October 23, 2018 meeting.

9. OTHER BUSINESS

9a. Motion. Board/Application Nomination. Planning Board-County District 7, Mr. Jarrett Hillius

Director Friday noted the applications that were included in the meeting packets and said staff has verified Mr. Hillius lives in County District 7.

Motion

Motion was made by Board member Cook and seconded by Board member Goodridge to vote in favor of accepting the application and nominating Mr. Jarrett Hillius to be appointed to represent Planning Board Yellowstone County District 7.

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Discussion

Board member Cook stated he is in favor with no objections. Board member Woods asked regarding the Commissioner's appointment process and if interviews are conducted. Director Friday said he will contact the Commissioners and request clarification on the review and appointment process for Board applicants.

The motion carried with a unanimous voice vote.

9b. Board and Commission Appreciation Dinner: Director Friday encouraged Board members to confirm attendance for the upcoming October 25, 5:30 p.m. Board and Commission Member Appreciation Dinner hosted by the City of Billings. It will be held at the Billings Community Center, 360 North 23rd Street. **Board members are to confirm as soon as possible by contacting Wynnette Maddox, City Administration Office. Phone: 406-657-8433 or E-mail: maddoxw@ci.billings.mt.us**

9c. Planning Board Openings

The City has posted openings for the 2019 Planning Board positions. **Sitting representatives must reapply. (Goodridge-Ward I, Bass-Ward III; Tunnick-Ward IV; Thompson, Ward V.** Board member LaVerne Bass submitted a letter of resignation stating he will complete his 2018 term as Planning Board representative for City Ward III but will not reapply due to work conflicts. The Board thanked Mr. Bass for his service and notice.

Yellowstone County posted opening for 2018 Planning Board positions. **Sitting representatives must reapply. (Boucher BOCC District 1; Cook BOCC District 2; BOCC District 3; BOCC District 4; BOCC District 6).** The Commissioners' office verified receipt of applications for Board members Boucher and Cook.

9d. Nominating Committee: The Nomination Committee for the 2019 Planning Board officers will be announced during the Tuesday, November 13, 2018 meeting.

**The next meeting will be held on Tuesday, October 23, 2018, 6:00 p.m. in the Miller Building 1st Floor Conference Room, 2825 3rd Avenue North.

ADJOURNMENT 7:28 pm

DRAFT. TO BE APPROVED BY A MOTION ON OCTOBER 23, 2018

Planning Board Meeting 2 (4th Tuesday)

Meeting Date: 10/23/2018

Information

Subject

MOTION/RECOMMENDATION TO PCC. 2018 LONG RANGE TRANSPORTATION PLAN UPDATE. LORA MATTOX, TRANSPORTATION PLANNER, PRESENTING.

Attachments

L RTP Presentation

2018 Billings Urban Area Long Range Transportation Plan

Billings City Council

October 15, 2018



What is an LRTP?

A long range transportation plan (LRTP):

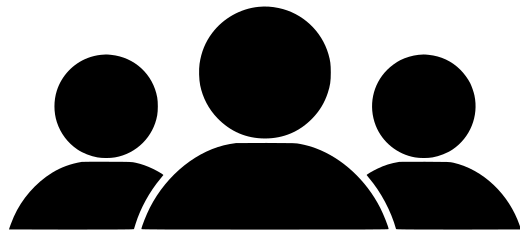
- Outlines the long-range vision for the transportation system
- Lists all transportation improvements that are expected in the next 20 years → **2040**

Why are we updating it?

Metropolitan areas with populations over 50,000 (such as the Billings urban area) are federally required to update their LRTP every 4 years

Updating this document helps Billings define its vision for the transportation system and plan future projects

Who is involved?



Resource Agencies and Public



Where are we in the timeline?

L RTP TIMELINE



What is next?

- ▶ Draft Plan is available for review and comment
 - ▶ www.Billingslrtp.com
- ▶ Plan adoption schedule
 - ▶ TAC Meeting - October 4th (completed)
 - ▶ Yellowstone County BOCC - October 9th (completed)
 - ▶ Yellowstone County Board of Planning - October 10th (completed)
 - ▶ **Billings City Council - October 15th (tonight)**
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Draft Plan is available for review and comment at www.billingslrtp.com

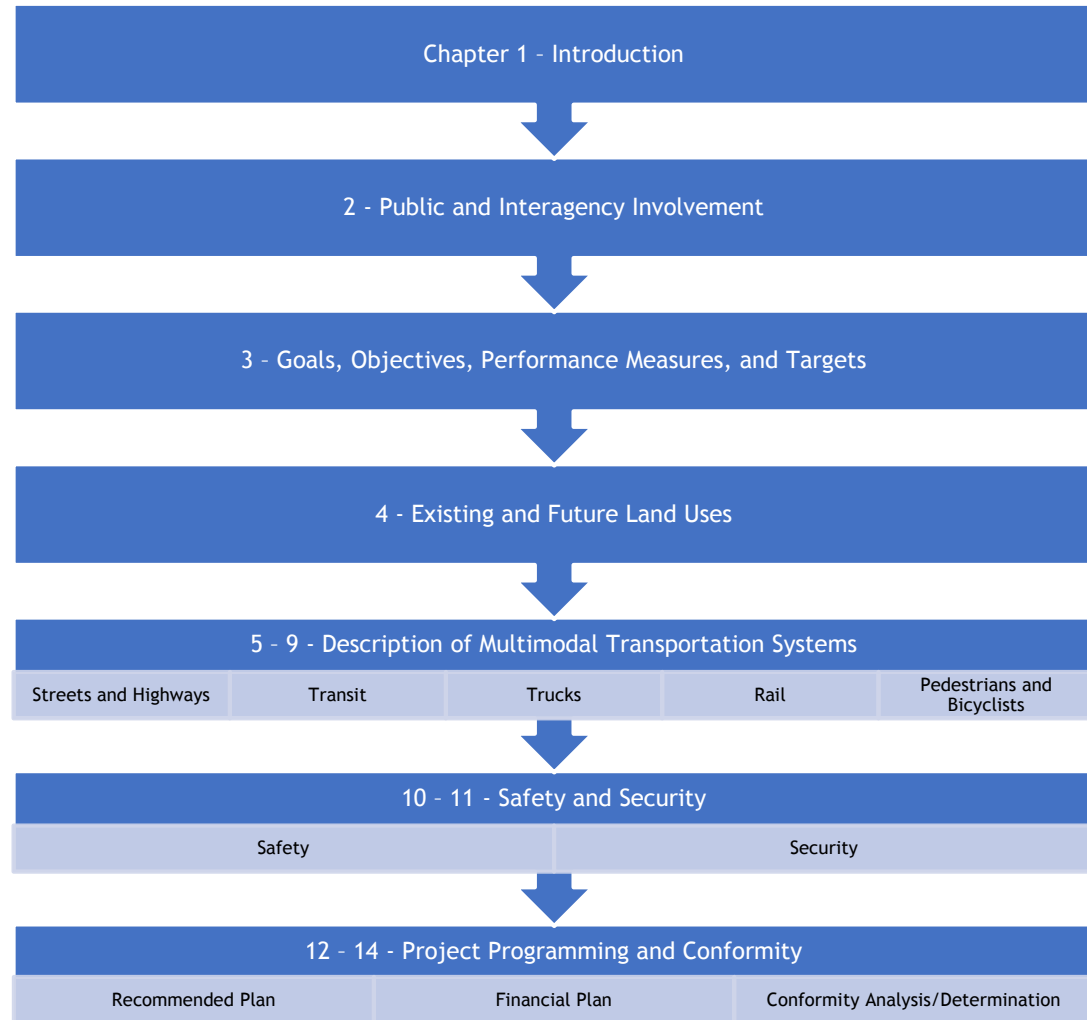
2018 Billings Urban Area Long Range Transportation Plan



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What are the elements of the 2018 LRTP?

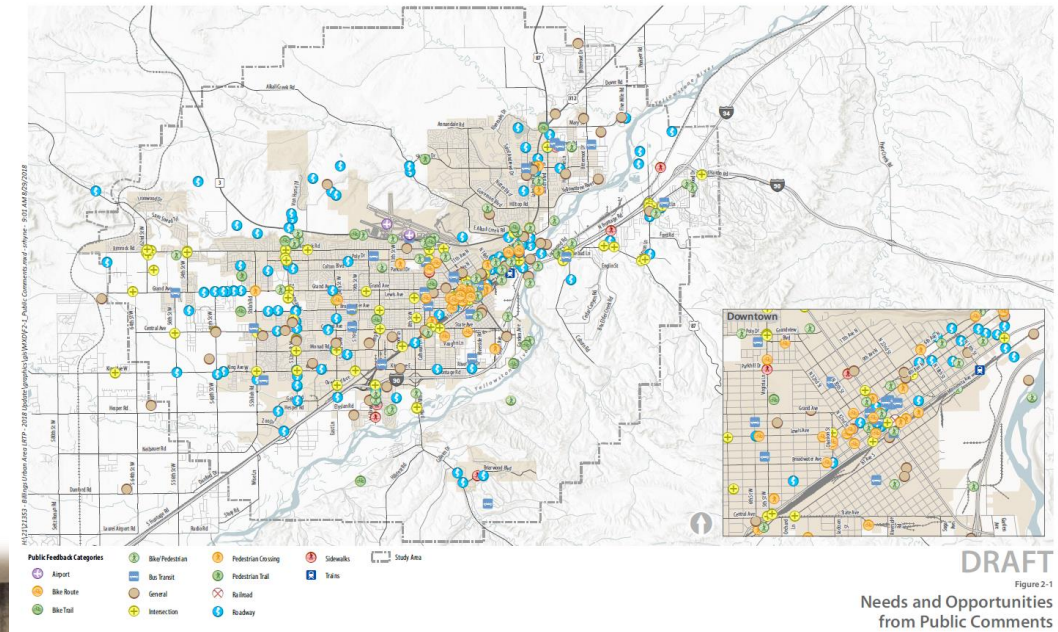


- 15 Plans, Studies, & Policies Since 2014 LRTP
- 25 Major Projects Since 2014 LRTP
- 8 Ongoing

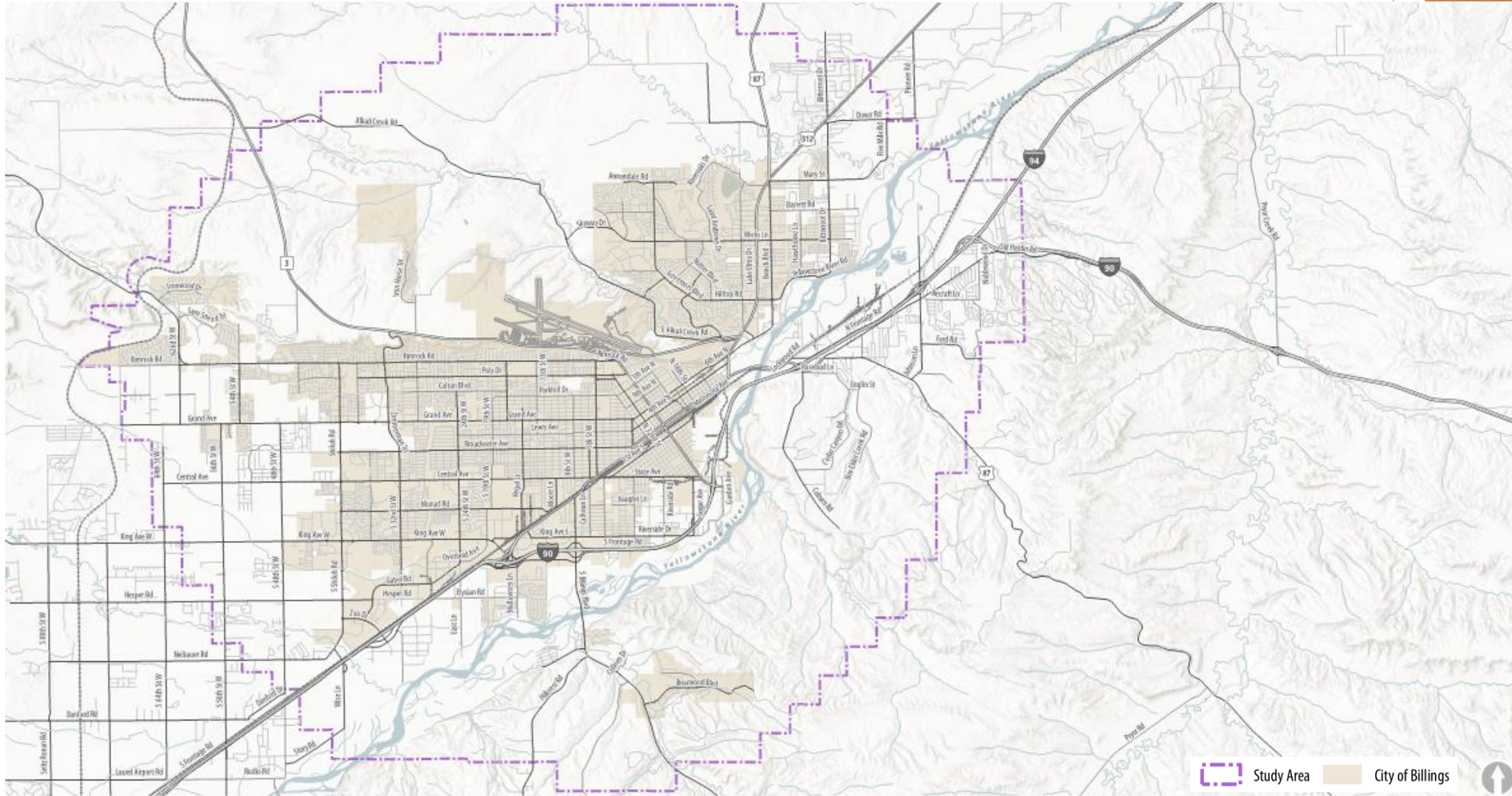


Public and Interagency Involvement

- ▶ www.billingslrtp.com
- ▶ Steering committee
- ▶ Resource agencies
- ▶ Youth engagement
- ▶ Open houses and online survey
- ▶ Media coordination and social media
- ▶ Email updates



Where is the study area?



Introduction

Background

Draft Plan

Wrap-Up

LRTP Goals

1. Safety

- Develop a safe transportation system

2. Functional Integrity and Efficiency

- Optimize, preserve, and enhance the existing transportation system

3. Prioritized Improvements

- Identify and prioritize projects that mitigate deficiencies, maximize the use of existing facilities, and balance anticipated needs with available funding

4. Environment

- Develop a transportation system that protects the natural environment and promotes a healthy, sustainable community

5. Public Transit and Transportation

- Create a transportation system that supports the practical and efficient use of transit

6. Pedestrians and Bicyclists

- Create a transportation system that supports the practical and efficient use of active transportation such as walking and bicycling

7. Economic Vitality

- Ensure adequate transportation facilities to support the existing local economy and connect Billings to local, regional, and national commerce

Land Use - Population Growth (2017 to 2040)

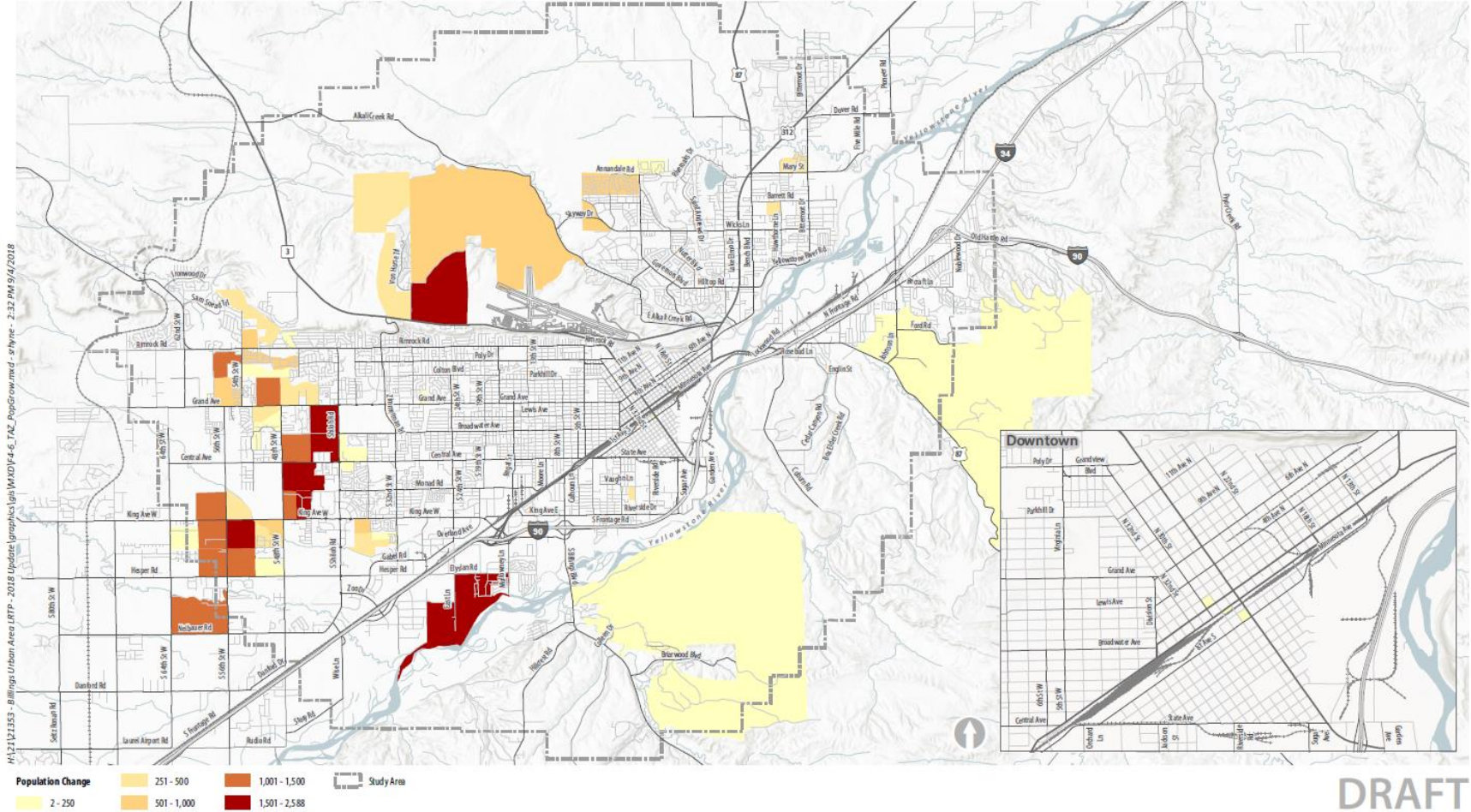


Figure 4-6
Population Growth (2017 to 2040)

Land Use - Employment Growth (2017 to 2040)

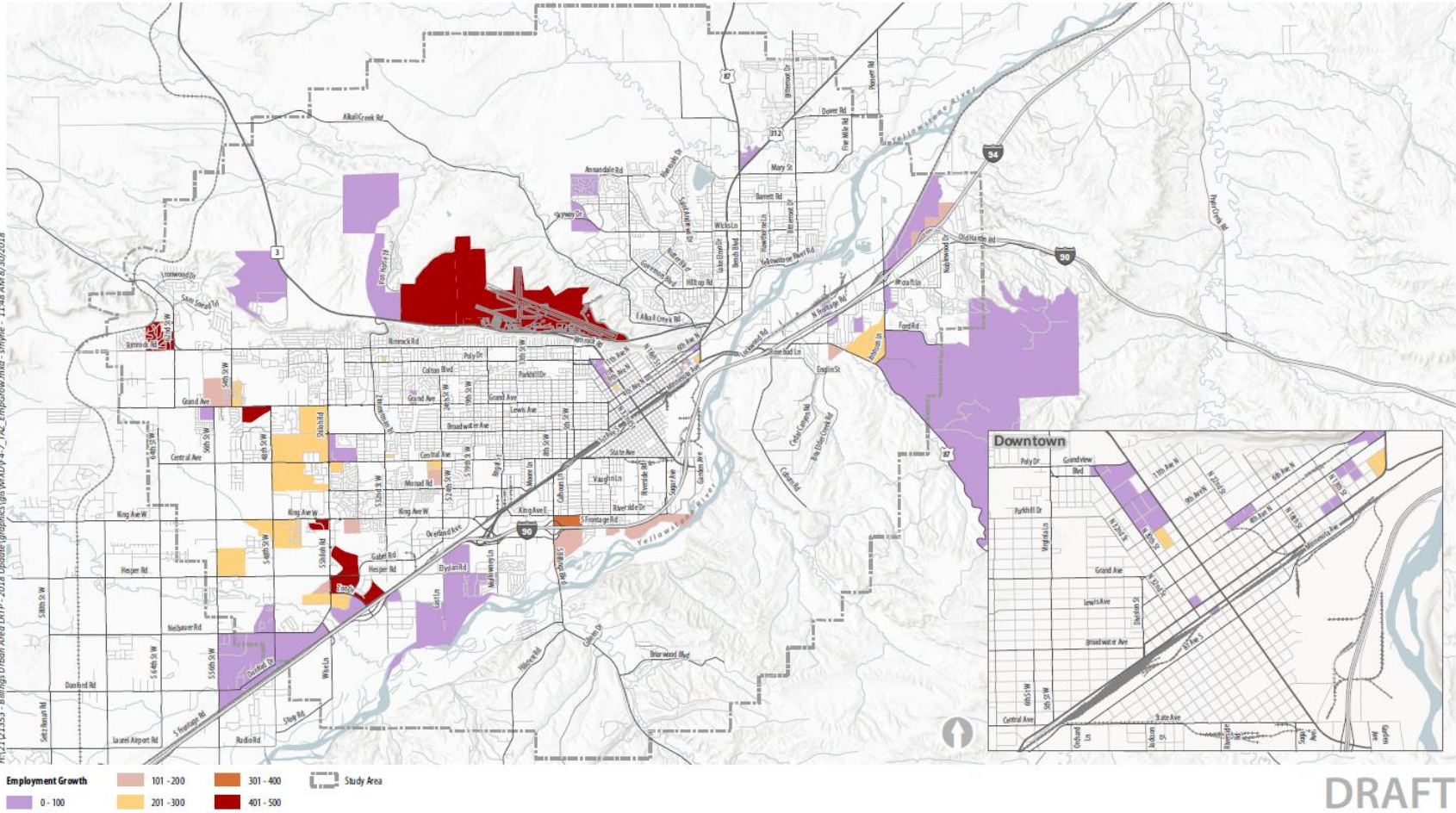
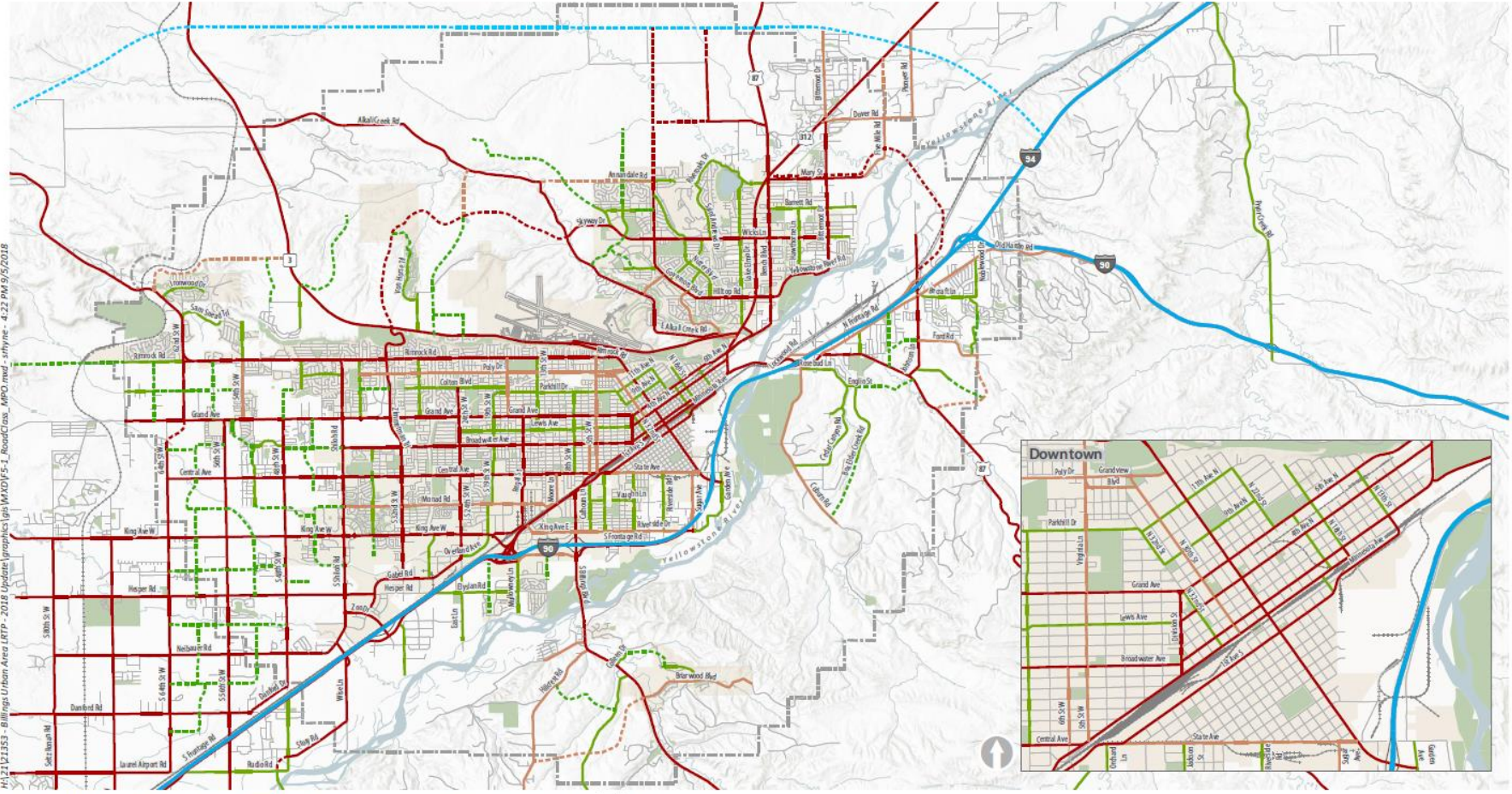


Figure 4-7
Employment Growth (2017 to 2040)

Functional Classification Map



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- Roadway Classification**
- Interstate
 - Principal Arterial
 - Minor Arterial
 - Collector
 - Proposed Freeway Controlled Access
 - Proposed Principal Arterial
 - Proposed Minor Arterial
 - Proposed Collector
 - Study Area
 - Park
 - City of Billings
 - Local Streets

Note: This functional classification map does not represent the federally approved system.

DRAFT

Figure 5-1

Functional Classification Map

Draft Project List - Types / Categories

Committed Projects

- Transportation Improvement Program (TIP)
- Capital Improvement Plan (CIP)
- Years 2018-2028

Recommended Projects

- Not programmed
- Upcoming projects for the TIP and CIP
- Years 2029-2040

Illustrative Projects

- Visionary
- Not expected to occur within 2040 horizon

Fiscal Constraint of LRTP

Draft Project List - Roadway and Intersection Projects



Draft Project List - Roadway and Intersection Projects

Committed Projects

- 33 Roadway
- 30 Intersection
- Includes several annual programs

~\$343 million

120 Total Projects

58 - Roadway

62 - Intersection

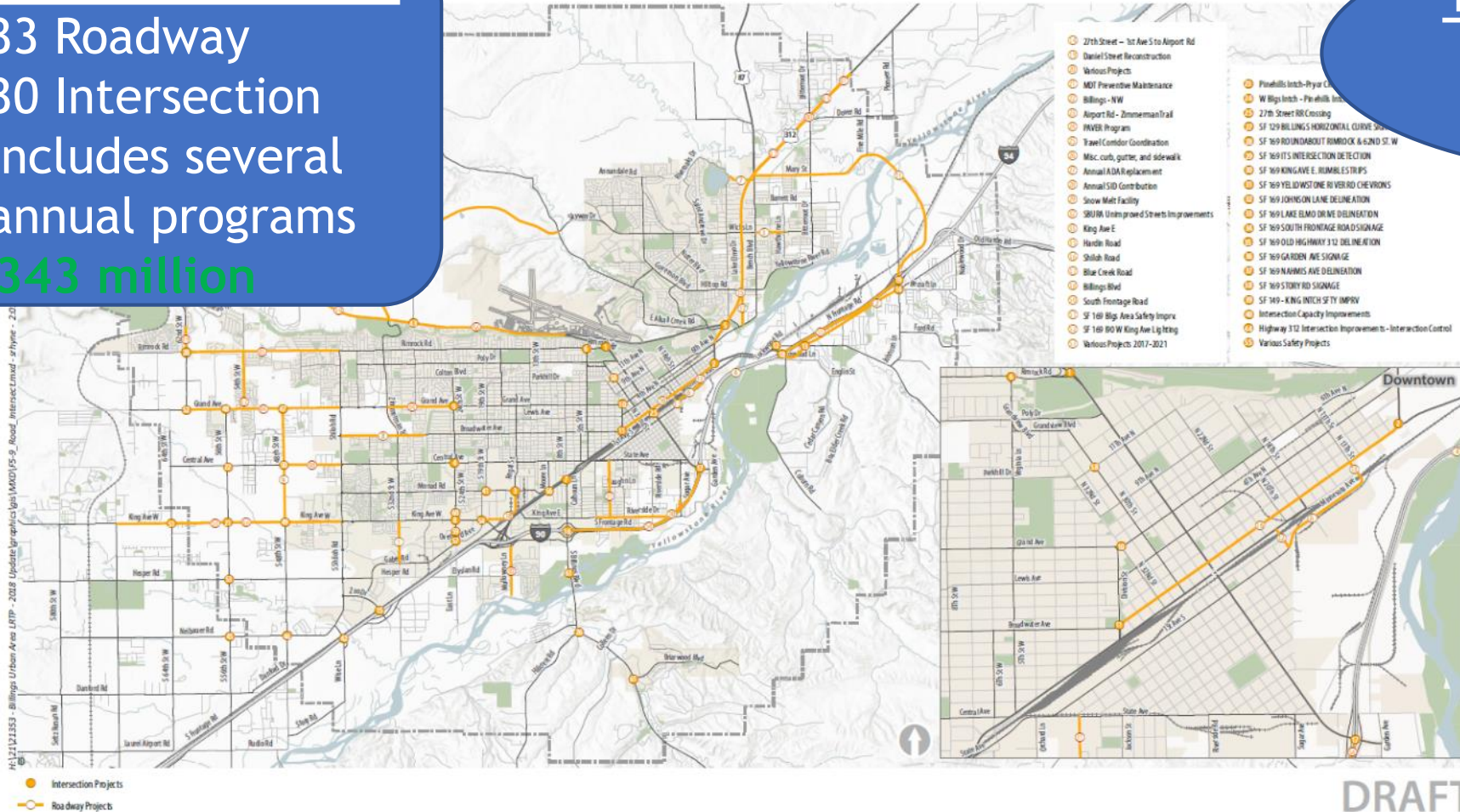


Figure 5-9
Intersection and Roadway Projects

Draft Project List - Congestion Management Projects

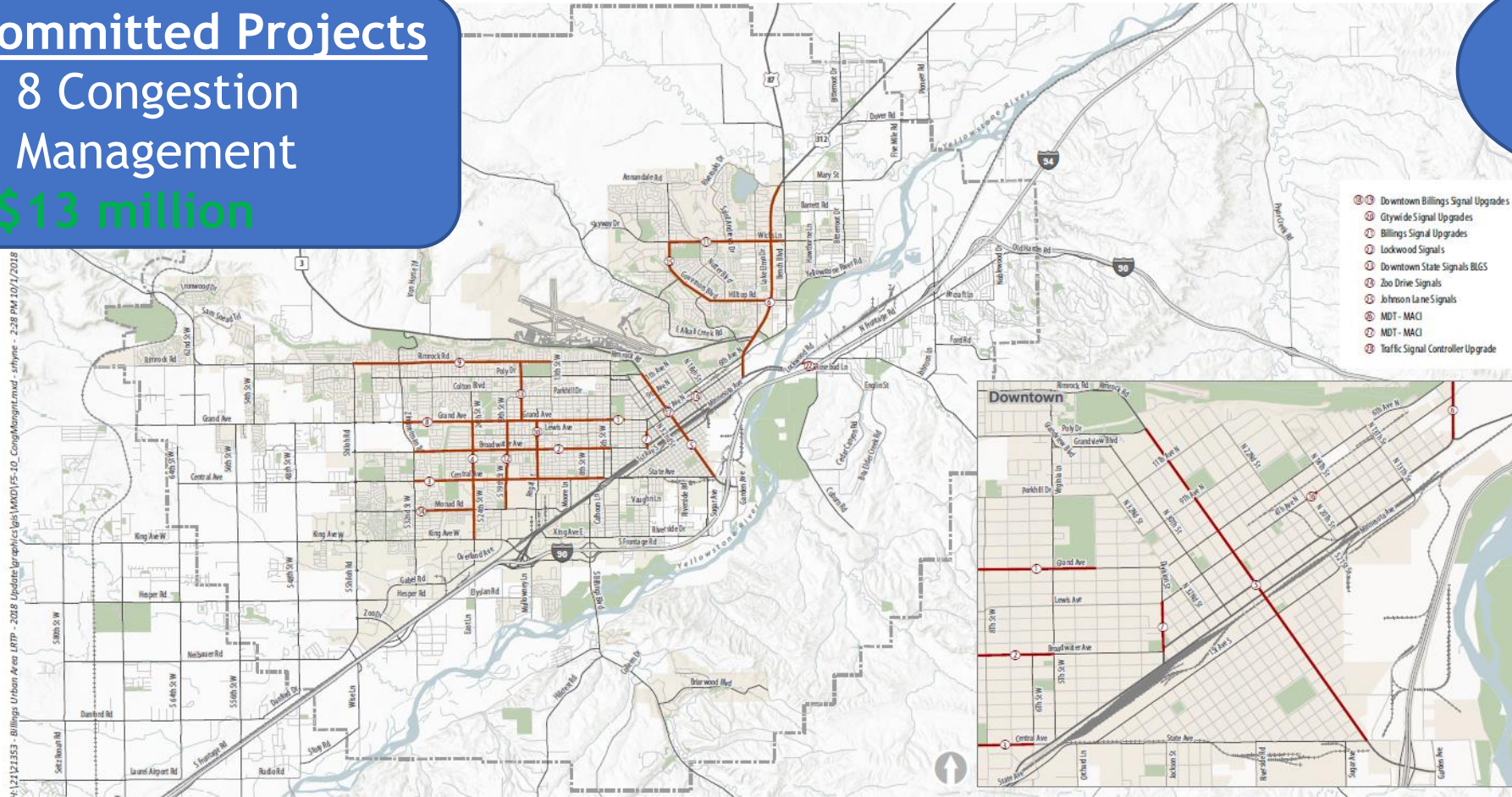


Draft Project List - Congestion Management Projects

Committed Projects

- 8 Congestion Management
~\$13 million

28 Total Projects



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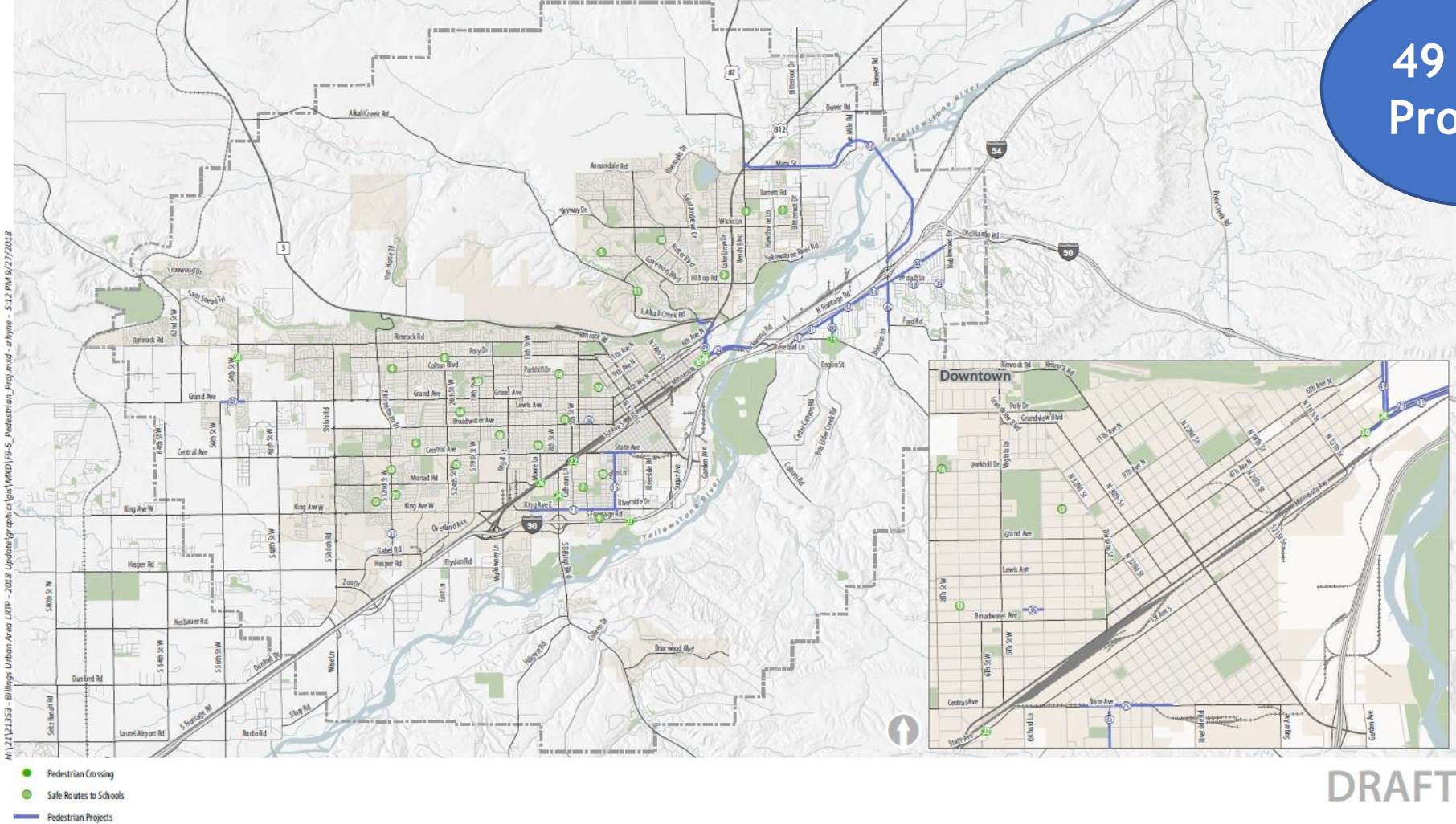
Figure 5-10
Congestion Management Projects

Draft Project List - Pedestrian, Bicycle, & Multi-use Trail Projects



Draft Project List - Pedestrian Projects

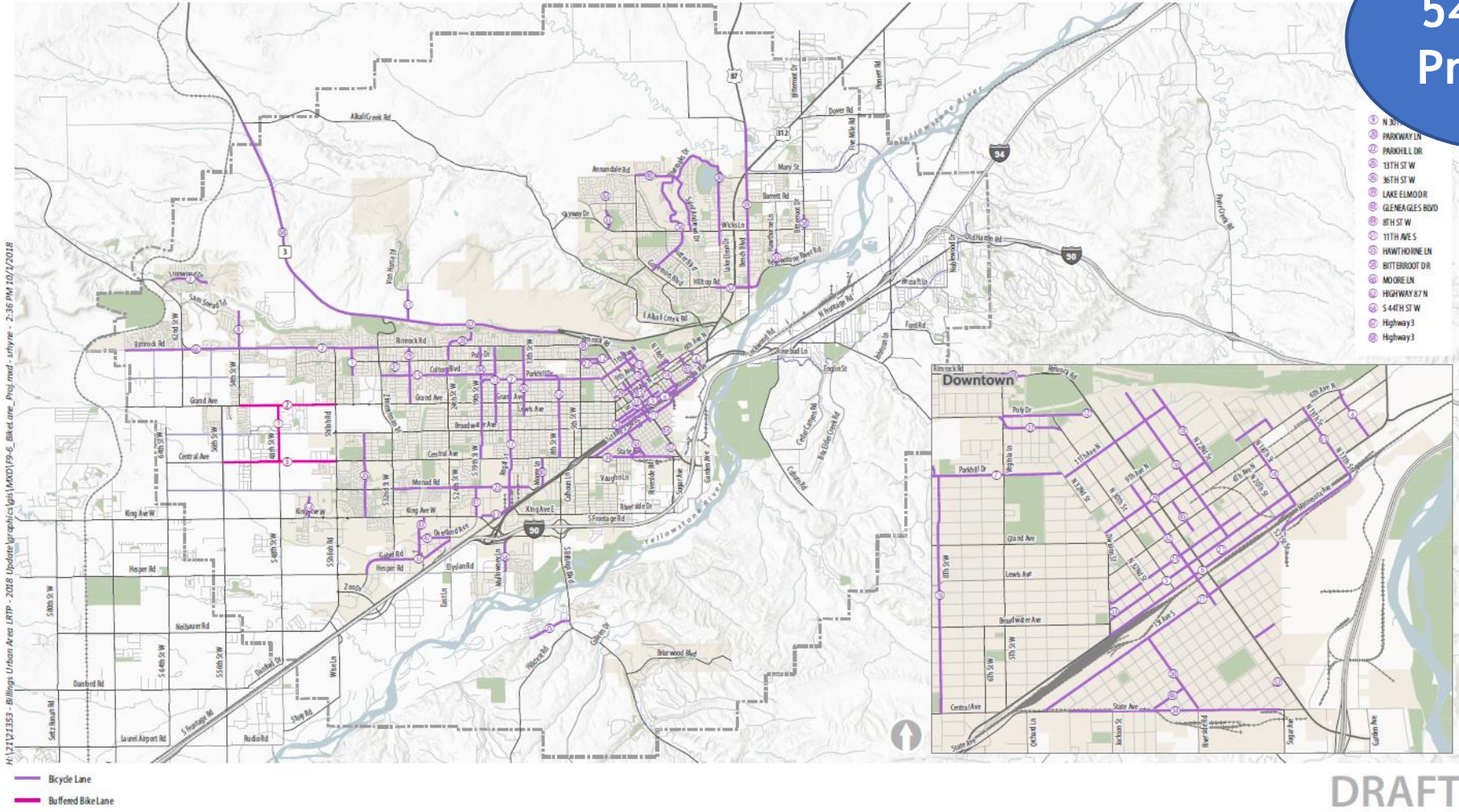
49 Total Projects



DRAFT
Figure 9-5
Pedestrian Projects

Draft Project List - Bicycle Lane Projects

54 Total Projects

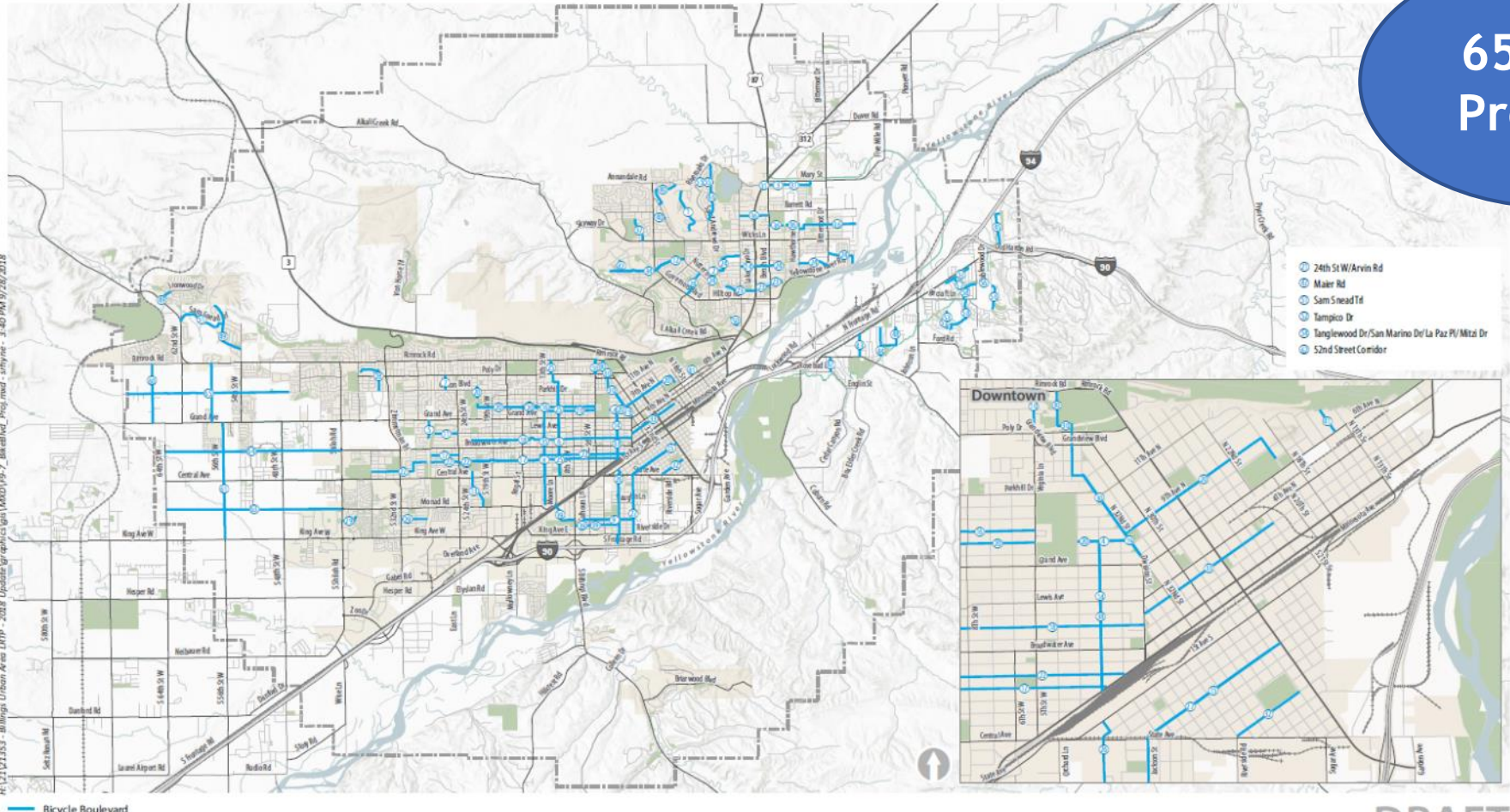


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Figure 9-6
Bicycle Lane and Buffered Bike Projects

Draft Project List - Bicycle Boulevard Projects

65 Total Projects



DRAFT

Figure 9-7
Bicycle Boulevard Projects

Draft Project List - Pedestrian, Bicyclists, & Multi-use Trails

Committed Projects

- 8 Pedestrian* (includes two annual programs)
 - 2 Bike Lane*
 - 9 Multi-use Trail
- ~\$19 million**

276 Total Projects

- 49 - Pedestrian
- 54 - Bicycle Lane
- 65 - Bicycle Boulevard
- 108 - Multi-use Trail

Project ID1	Proposed Name	Length (Miles)	Project Description	Estimated Planning Level Cost
				\$416,000
MT88	South of Governors Blvd		Multi-use Trail from W Wicks Ln to Aronson Ave	\$871,000
MT80	Lockwood Tributary Trail		Multi-use Trail from Old Hardin Rd to Highway 87E	\$1,804,000
MT87	Central Ave		Multi-use Trail from Shiloh Rd to East of 64th St W	\$1,541,000
MT88	West of Governors Blvd		Multi-use Trail from South of W Wicks Ln to Constitution Ave	\$719,000
MT89	Inner Belt Loop Trail		Multi-use Trail from Alkali Creek Rd to Highway 3	\$1,147,000
MT90	Blue Creek Rd		Multi-use Trail from Colleen Dr to Fredwick Rd	\$430,000
MT91	Broadwater Ave		Multi-use trail from Shiloh Rd to unspecified	\$806,000
MT92	Monad Rd		Multi-use Trail from S 17th St W to Laurel Rd	\$721,000
MT93	Hogans Slough Trail		Multi-use Trail from S 17th St W to Division Ave to Alkali Creek Rd	\$317,000
MT94	Monad Rd		Multi-use Trail from Exit of S 4th St W to Highway 3	\$430,000

Project ID1	Proposed Name	Length (Miles)	Project Description	Estimated Planning Level Cost
MT14	Four Dances Connector	1	Construct a multi-use trail from Lockwood Trail to Four Dances Natural Area	\$548,034
MT15	Heights BWA	3	Construct a multi-use trail from Aronson Ave to Lake Elmo State Park	\$2,740,189
MT16	Heights Upper Loop	4.5	Construct a multi-use trail from Yellowstone River to Alkali Creek Rd	\$4,710,253
MT17	High Ditch	4	Construct a multi-use trail from Rimrock West Trail to Hogans Slough	\$2,192,188
MT18	Hogans Slough	5.8	Construct a multi-use trail from Shiloh Rd to BNSF Rail with Trail	\$3,014,180
MT19	Inner Belt Loop	6.5	Construct a multi-use trail from Governors Blvd to Highway 3	\$5,937,032
MT20	King Avenue	1	Construct a multi-use trail from S 44th St W to Hogans Slough	\$911,180
MT21	Lockwood	6	Construct a multi-use trail from Interstate-90 to Shiloh Rd	\$5,480,337
MT22	Monad	1	Construct a multi-use trail from S 48th St W to Hogans Slough	\$918,300
MT23	Monad	2.6	Construct a multi-use trail from BWA Canal Trail to 48th St W	\$2,288,474
MT24	MRL Trail with Trail	9	Construct a multi-use trail from Interstate-90 to Highway 3 E	\$8,220,506
MT25	Heiberg Ranch	1	Construct a multi-use trail from Extension of Existing Trail to Inner Belt Loop	\$913,390
MT26	Rimrock Road	1.5	Construct a multi-use trail from 64th St W to Cove Ditch	\$1,370,084
MT27	Sonora Park	1	Construct a multi-use trail from Aronson Ave to Inner Belt Loop Trail	\$918,300

Project ID1	Proposed Name	Length (Miles)	Project Description	Estimated Planning Level Cost
MT28	Snow Ditch	2	Construct a multi-use trail from Shiloh Rd to Big Ditch	\$1,096,067
MT29	South Hogans Slough	1	Construct a multi-use trail from Suburban Ditch to MRL Trail with Trail	\$913,390
MT30	Spring Creek Extension	1	Construct a multi-use trail from 24th St W to 15th St W	\$913,390
MT31	Transect Connector	0.5	Bring McCall trail segment up to standards and complete connection to Transect Center Trail at 32nd Street West	\$480,000
MT32	Two Moon Park to Five Mile Creek	3	Construct a multi-use trail from Kiwanis Trail to Five Mile Creek	\$2,740,189
MT33	Western Yellowstone River Trail	5	Construct a multi-use trail from Josephine Crossing Trail to Shiloh Rd Trail	\$4,566,948
MT34	Riverfront Park	2.6	Construct a multi-use trail from Mystic Park Trail to Riverfront Park Trails	\$1,920,000
MT35	25th Street Railroad Bridge	0.9	Construct a multi-use trail from Montana Avenue to Minnesota Avenue	\$1,700,000
MT36	BWA to Swords Park Trail	5.5	Construct a multi-use trail from Lily's Park to Aronson Ave	\$5,003,643
MT37	Rim Top Trail from 27th Street West/ Airport Road to Zimmerman Trail vicinity	3.5	New trail along the Rims resulting from Highway 3 corridor study	\$1,200,000
MT38	Downtown BWA Corridor Trail/On Street Facilities	1.5	Complete Trail through MSU-B Campus in alignment with MSU-B Master Plan and trail/ on-street facilities along Poly Dr through Virginia Lane Intersection to 18th/Poly Drive	\$210,000
MT39	24th Street Pedestrian Bridge	0.25	Construct a multi-use bridge to cross the tracks near 34th Street	\$1,000,000

Project ID1	Proposed Name	Length (Miles)	Project Description	Estimated Planning Level Cost
MT40	44th Street West	0.5	Construct a multi-use bike/pedestrian path along 44th Street from Shiloh Conservation Area to King Avenue West	\$102,000
MT41	Heights Middle School Path	0.25	Construct a trail from the Kiwanis trail to New Heights Middle School near Bench and Barrett	\$131,250
MT42	6th Avenue N		Multi-use Trail from 6th Avenue Bypass to N 10th St	\$1,062,000
MT43	BWA Canal Trail		Multi-use Trail from 6th Avenue N to Transect Way	\$6,115,000
MT44	Montana Ave/ Underpass Ave		Multi-use Trail from Division St to S Billings Blvd	\$1,500,000
MT45	Wicks Ln		Multi-use Trail from Glenview Blvd to Kiwanis Trail	\$2,313,000
MT46	Rosebud Ln		Multi-use Trail from Highway 87E to West of Rosebud Ln	\$2,765,000
MT47	N 27th St		Multi-use Trail from Rimrock Rd to Mountain View Blvd	\$372,000
MT48	Grand Ave		Multi-use Trail from 24th St W to Zimmerman Tr	\$674,000
MT49	Hopper Rd		Multi-use Trail from East of Shiloh Rd to S Shiloh Rd	\$181,000
MT50	Highway B/L		Multi-use Trail from Johnson Ln to Old Hardin Rd	\$824,000
MT51	24th		Multi-use Trail from Stillwater to South of King Ave W	\$332,000
MT52	Broadwater Ave		Multi-use Trail from 24th St W to 28th St W	\$925,000
MT53	1st Ave/Old Hardin Rd/Highway 87E		Multi-use Trail from N 13th St to Hogan Rd	\$6,168,000

Project ID1	Proposed Name	Length (Miles)	Project Description	Estimated Planning Level Cost
MT54	BWA Canal Trail North		Multi-use Trail from East of Shadow Heights to Aronson Ave	\$3,337,000
MT55	20th St Trail		Multi-use Trail from S 25th St to S 27th St	\$177,000
MT56	Gabel Rd		Multi-use Trail from Hesper Rd to Zoo Rd	\$177,000
MT57	South of Emerald Dr/Sword Ln		Multi-use Trail from Emerald Dr to Sword Lane	\$540,000
MT58	Rimrock Rd		Multi-use Trail from 54th St W to 66th St W	\$855,000
MT59	King Ave E		Multi-use Trail from Sugar Ave to King Ave W	\$1,747,000
MT60	King Ave W/Island Rd		Multi-use Trail from S 20th St W to S Frontage Rd	\$2,796,000
MT61	Arnold Drain Trail		Multi-use Trail from 18th St W to 25th St W	\$640,000
MT62	Chrysalis Acres		Multi-use Trail from Ivan Burson St to Hollowell Ln	\$75,000
MT63	Suburban Ditch Trail		Multi-use Trail from Songbird Dr to Muldowney Ln	\$526,000
MT64	Falcon Ridge		Multi-use Trail unspecified	\$200,000
MT65	Kiwanis Trail Corridor		Multi-use Trail from Bitterroot Dr to Mary St	\$559,000
MT66	Highway 87 Bypass		Multi-use Trail from Hounsbury Rd to Johnson Ln	\$6,747,000
MT67	Jim Dunchee Trail		Multi-use Trail from South of Mary St to E&F St	\$1,479,000
MT68	Muldowney Ln		Multi-use Trail from S Frontage Rd to Story Rd	\$432,000
MT69	Transect Park Trail		Multi-use Trail from High Sierra Blvd to Alkali Creek Rd	\$1,746,000

Draft Projects and Strategies - Other Modes

Transit

- **Increase funding** through federal or local sources
- Improve equipment and facilities
- All-day fixed route service to Billings Heights by 2020
- Vehicle tracking and automatic fare collection by 2025
- Designated fixed-route bus stops by 2025

Truck

- Major roadway projects:
 - *Billings Bypass*
 - *I-90 Yellowstone River Bridge*
 - *Inner Belt Loop*
- Widening and reconstructions throughout the Billings Urban Area

Rail

- **Crossing studies** at 27th Street and Moore Lane
- **Improve underpasses** at 21st Street and 13th Street
- Coordinate rail infrastructure improvements with Lockwood

Revenue & Project Cost Analysis - Fiscal Constraint

Estimated Revenue ~ \$900M
 Estimated C+R Projects ~ \$800M
 Difference ~ \$100M

Funding Source	2019-2028			2029-2040		
	Projected Funding	Expenditures	Difference	Projected Funding + Carryover	Expenditures	Difference
FEDERAL						
National Highway Performance Program	\$ 258,620,000	\$ 241,529,142	\$ 17,090,858	\$ 77,344,858	\$ 47,041,000	\$ 30,303,858
Highway Safety Improvement Program (HSIP)	\$ 21,530,000	\$ 19,908,244	\$ 1,621,756	\$ 19,051,756	\$ 17,935,000	\$ 1,116,756
Surface Transportation Improvement Program	\$ 39,610,000	\$ 30,095,611	\$ 9,514,389	\$ 54,639,000	\$ 46,734,301	\$ 7,904,699
Congestion Mitigation and Air Quality Improvement Program (CMAQ)	\$ 37,870,000	\$ 28,393,611	\$ 9,476,389	\$ 54,916,389	\$ 12,920,877	\$ 41,995,512
Federal Transit Authority (FTA) Funds	\$ 24,240,000	\$ 23,817,028	\$ 422,972	\$ 29,522,972	\$ 29,100,000	\$ 422,972
STATE AND LOCAL						
TransADE	\$ 730,000	\$ 700,000	\$ 30,000	\$ 900,000	\$ 870,000	\$ 30,000
Operations and Maintenance (State)	\$ 14,720,000	\$ 14,720,000	\$ -	\$ 17,670,000	\$ 17,670,000	\$ -
State Fuel Tax	\$ 21,510,000	\$ 17,005,684	\$ 4,504,316	\$ 30,304,316	\$ 23,196,000	\$ 7,108,316
HB473 Gas Tax Funds (BaRSAA)	\$ 7,990,000	\$ 6,344,316	\$ 1,645,684	\$ 11,225,684	\$ 8,404,000	\$ 2,821,684
Other (Private, Bonds, TIF, CDBG, etc.)	\$ 34,340,000	\$ 22,954,144	\$ 11,385,856	\$ 52,595,856	\$ 40,574,737	\$ 12,021,119
Local Transit Mill Levy	\$ 21,360,000	\$ 21,360,000	\$ -	\$ 25,640,000	\$ 25,640,000	\$ -
Transit Fares	\$ 5,890,000	\$ 5,890,000	\$ -	\$ 7,060,000	\$ 7,060,000	\$ -
Other (Transit)	\$ 1,590,000	\$ 1,590,000	\$ -	\$ 1,910,000	\$ 1,910,000	\$ -
Arterial Fee Fund	\$ 44,970,000	\$ 20,970,000	\$ 24,000,000	\$ 53,960,000	\$ 53,882,814	\$ 77,186
Total	\$ 534,970,000	\$ 455,277,780	\$ 79,692,220	\$ 436,740,831	\$ 332,938,729	\$ 103,802,102

What is next?

- ▶ Draft Plan is available for review and comment
 - ▶ www.Billingslrtp.com
- ▶ Plan adoption schedule
 - ▶ TAC Meeting - October 4th (completed)
 - ▶ Yellowstone County BOCC - October 9th (completed)
 - ▶ Yellowstone County Board of Planning - October 10th (completed)
 - ▶ **Billings City Council - October 15th (tonight)**
 - ▶ Yellowstone County BOCC - October 16th
 - ▶ Billings City Council - October 22nd
 - ▶ Yellowstone County Board of Planning - October 23rd
 - ▶ Policy Coordinating Committee - October 30th

Thank You For Your Time

▶ Questions?