

Agenda for Public Open House

4:30
Sign In

5:00
Presentation

5:30
Review
Display Boards

5:30
Project List
Feedback

2018 Billings Urban Area Long Range Transportation Plan

Open House #2
September 25, 2018

Open House Goals

- 1 Provide an update on progress to date
- 2 Collect public feedback on LRTP project list

What is an LRTP?

A long range transportation plan (LRTP):

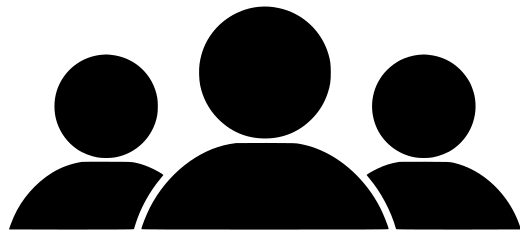
- Outlines the long-range vision for the transportation system
- Lists all transportation improvements that are expected in the next 20 years

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

Lockwood



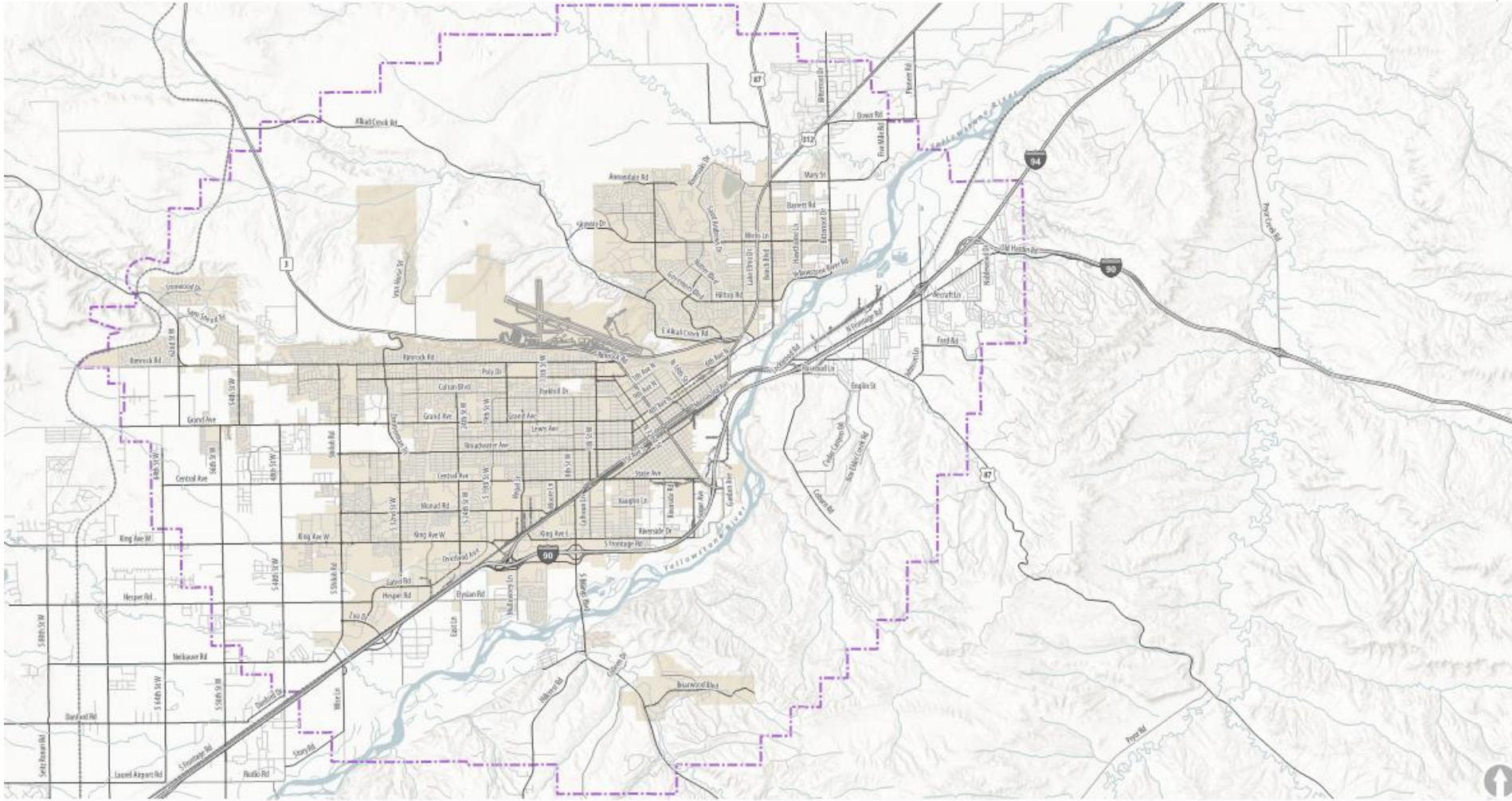
DOWL

When is this update occurring?

L RTP TIMELINE



Where is the study area?



 Study Area  City of Billings

Introduction

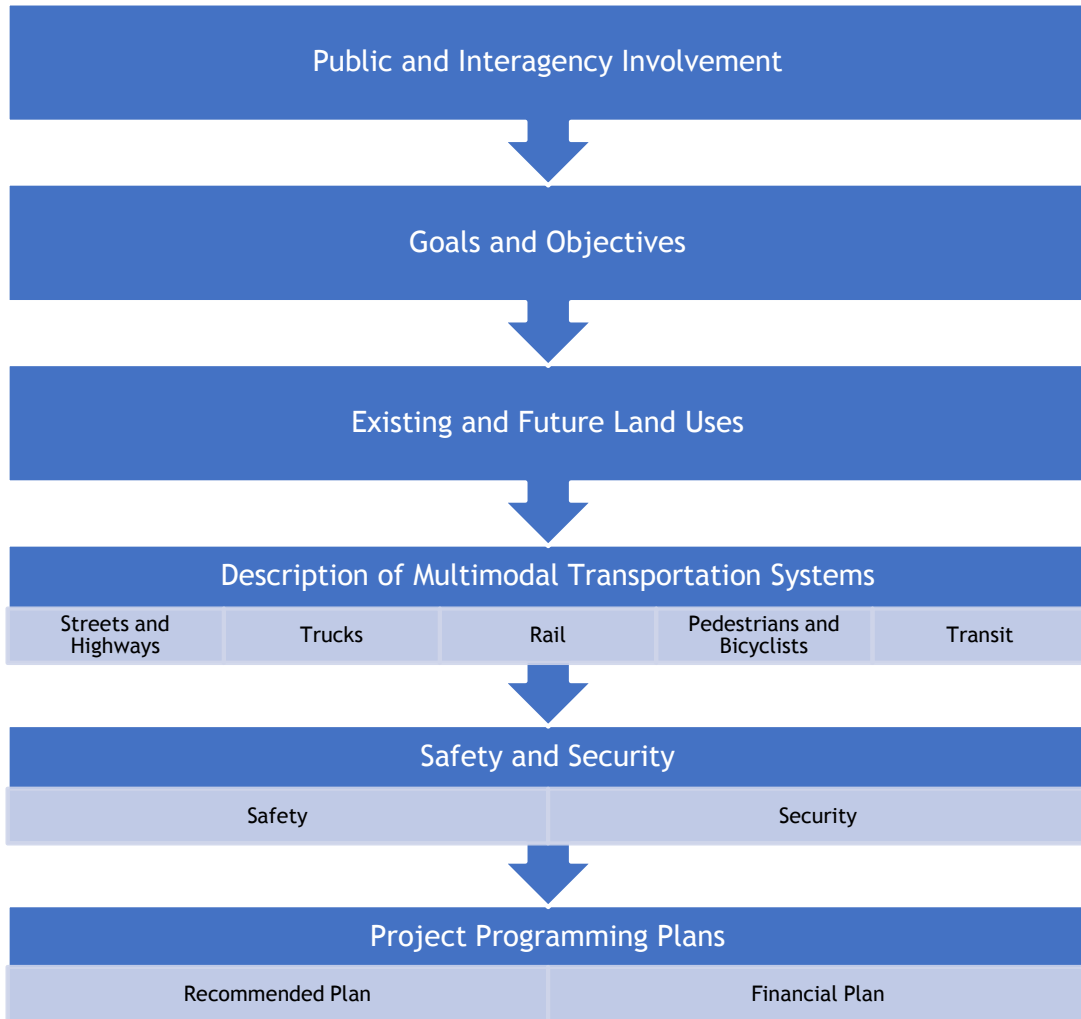
Background

Draft Plan

Today's Goals

Wrap-Up

What are the elements of the 2018 LRTP?



L RTP 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

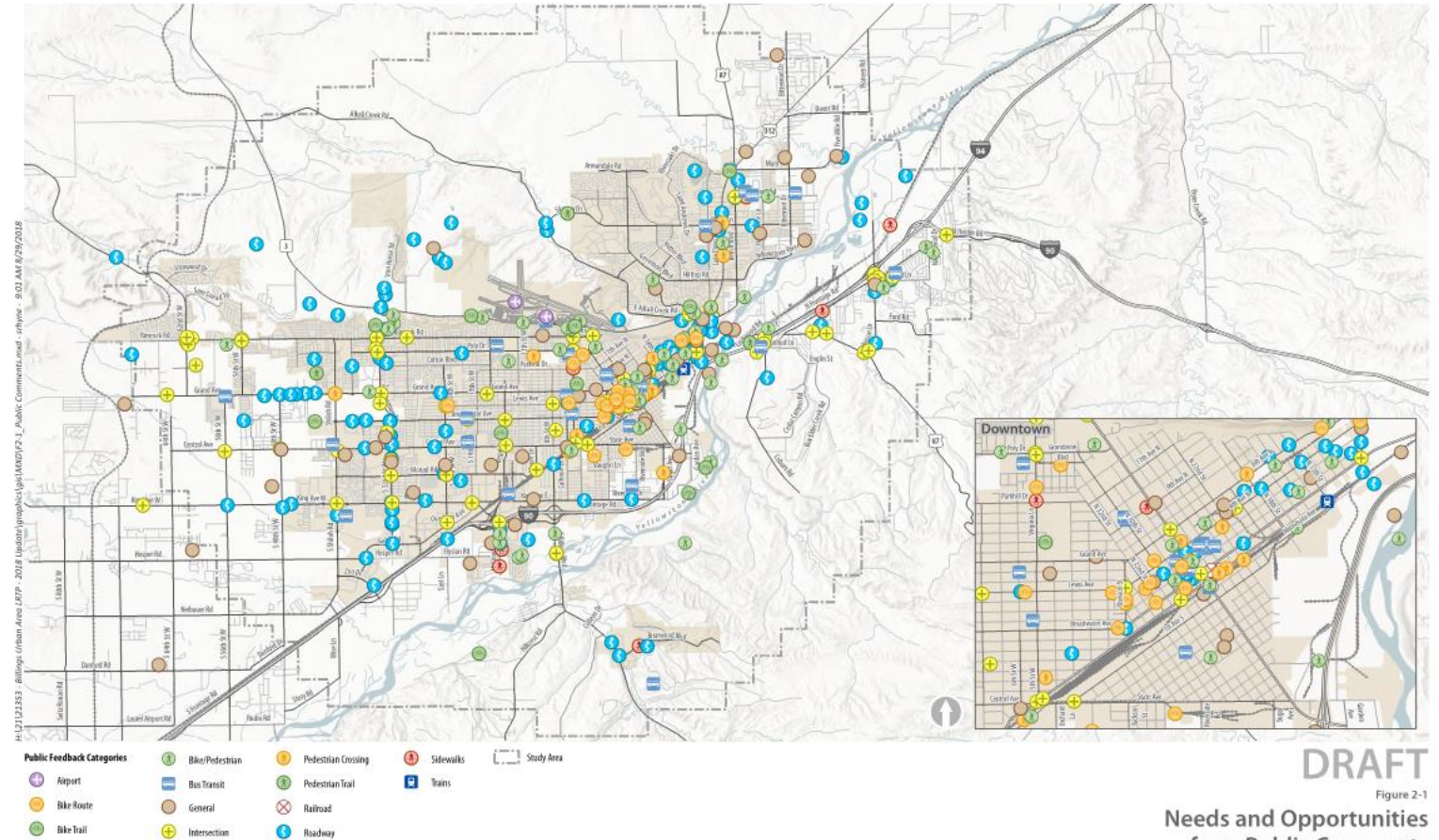
- Ensure adequate transportation facilities to support the existing local economy and connect Billings to local, regional, and national commerce

Public and Interagency Involvement

- ▶ Project team met with representatives from the following agencies and groups:
 - ▶ Billings Area Chamber of Commerce
 - ▶ Yellowstone County Fire and Emergency Services
 - ▶ Rimrock Task Force
 - ▶ West End Task Force (planned)
 - ▶ MET Transit
- ▶ Project team holds monthly meetings with Steering Committee - comprised of City, County, and MDT staff
- ▶ Held Open House #1, school outreach, and online survey in May 2018

Open House #1 Recap

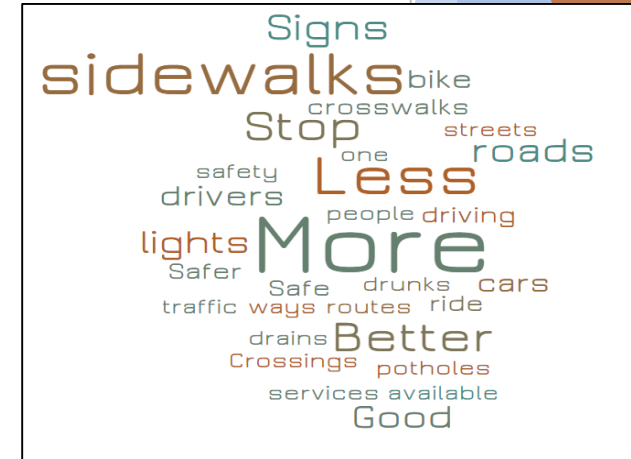
- ▶ Locations of Interest:
 - ▶ Map comments (32 comments)
 - ▶ Online survey (337 comments)
 - ▶ In-person discussion



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Figure 2-1
Needs and Opportunities
from Public Comments

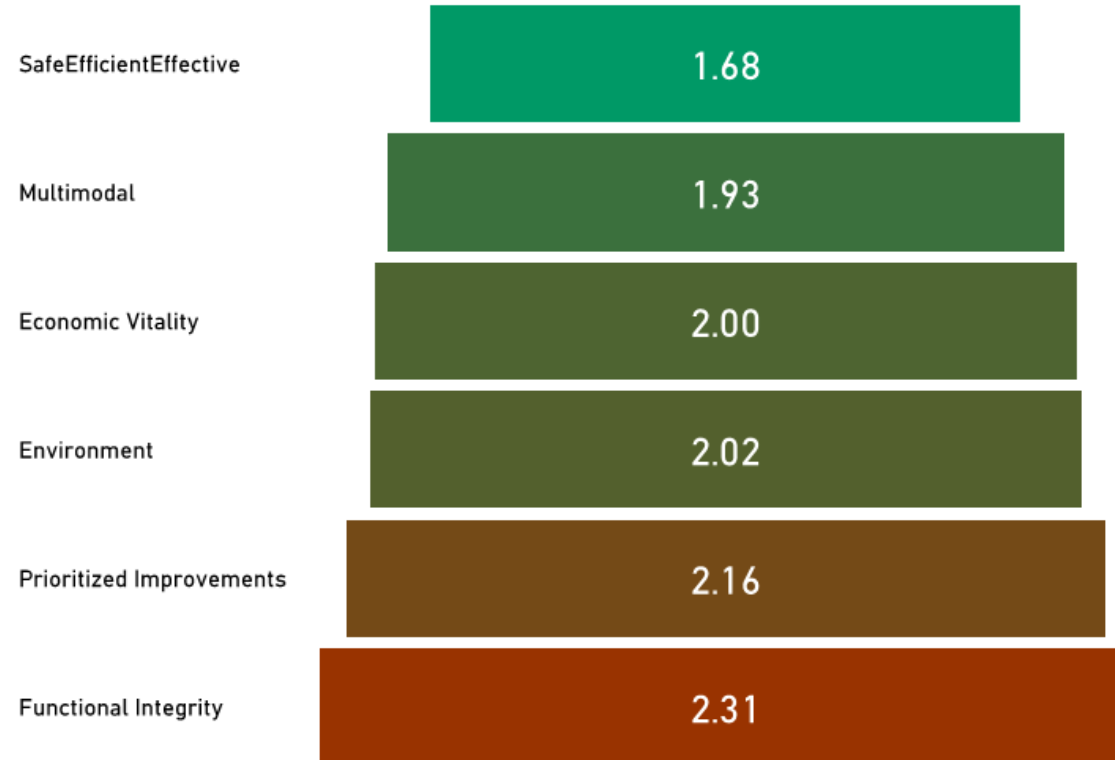
Open House #1 Recap

- ▶ Areas of Interest Include:
 - ▶ Add or upgrade pedestrian crossings
 - ▶ Add bicycle facilities on-street
 - ▶ Increase bus frequency
 - ▶ Enhance at-grade railroad crossings
 - ▶ Extend roadways
 - ▶ Add new roadway connection from Highway 3 to the Interstate
 - ▶ Enhance intersections



Open House #1 Recap

► Relative importance of goals:



Land Use - Population Growth

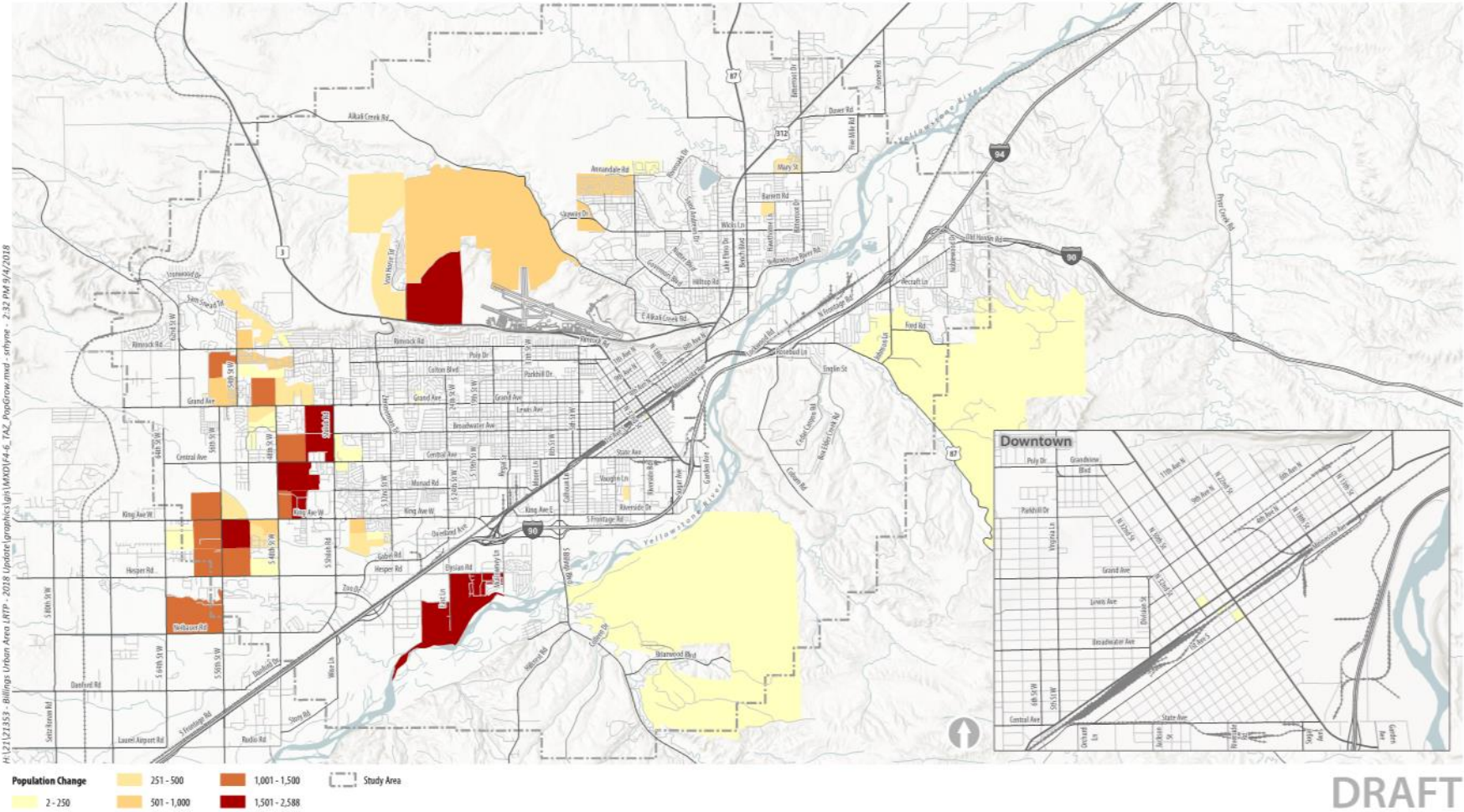


Figure 4-6
Population Growth (2017 to 2040)

Land Use - Employment Growth

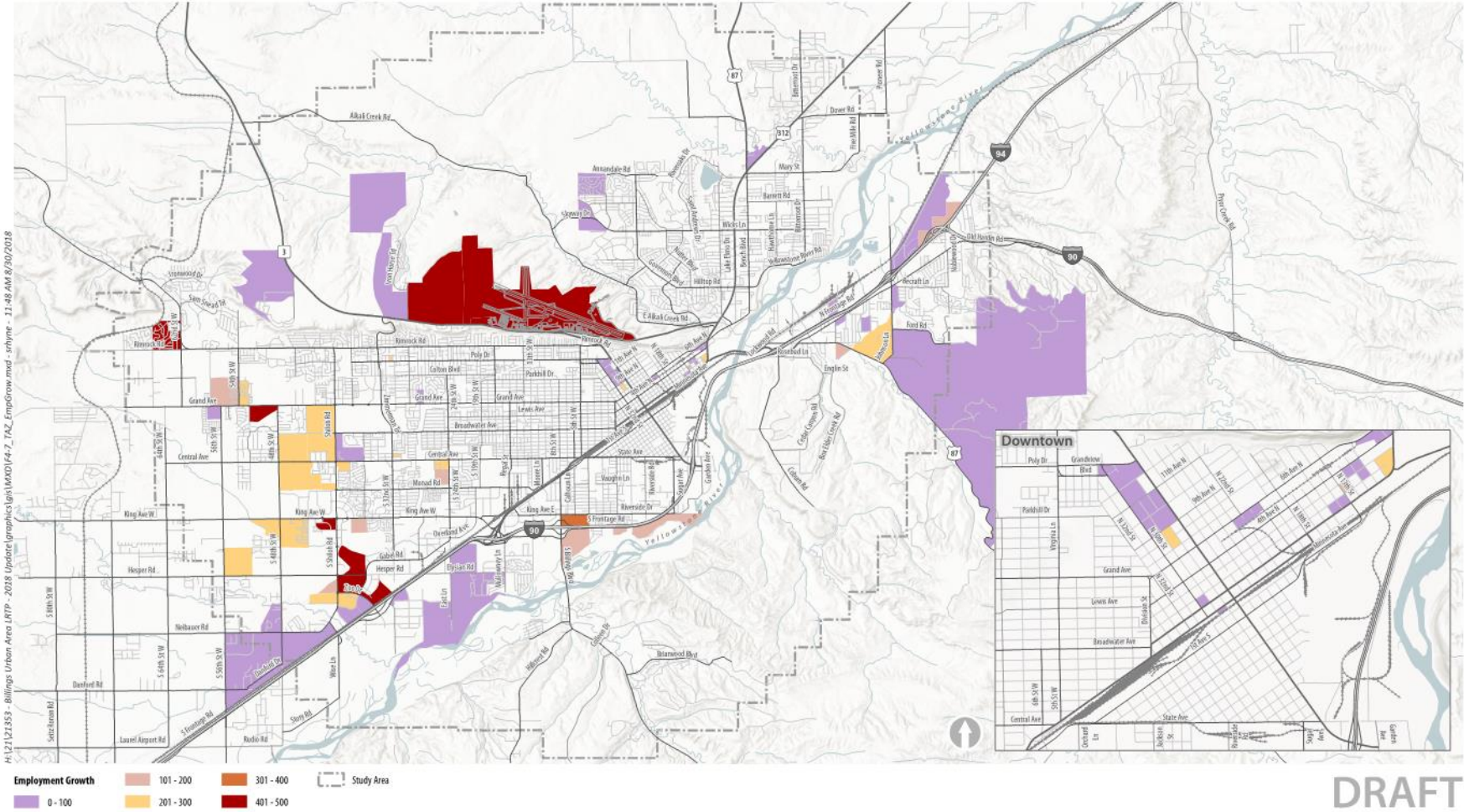
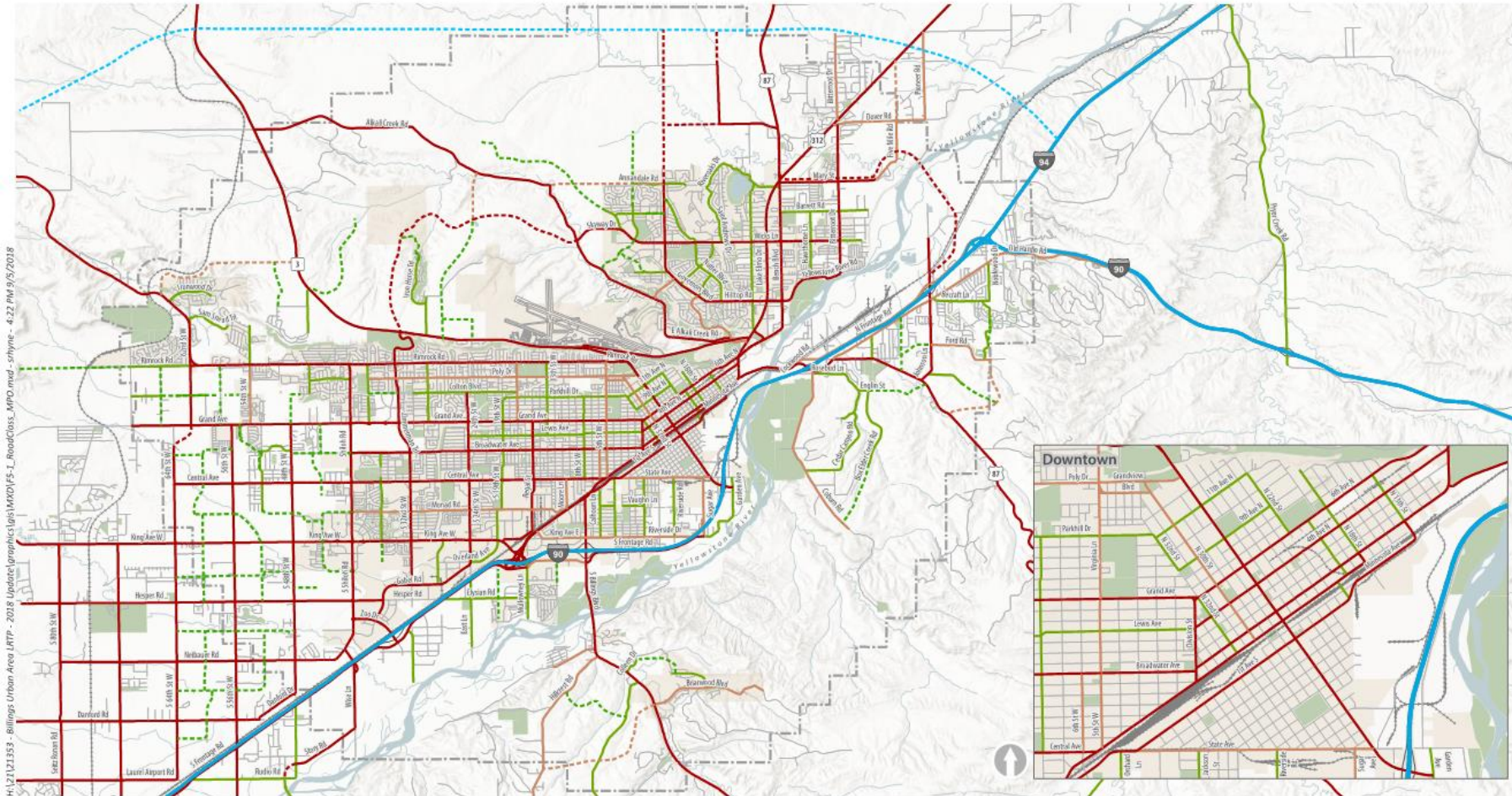


Figure 4-7
Employment Growth (2017 to 2040)

Traffic Analysis - Functional Classification Map



H:\12121353 - Billings Urban Area LRTP - 2018 Update\graphics\MXD\F5-1_RoadClass_MPD.mxd - s\ryne - 4:22 PM 9/5/2018

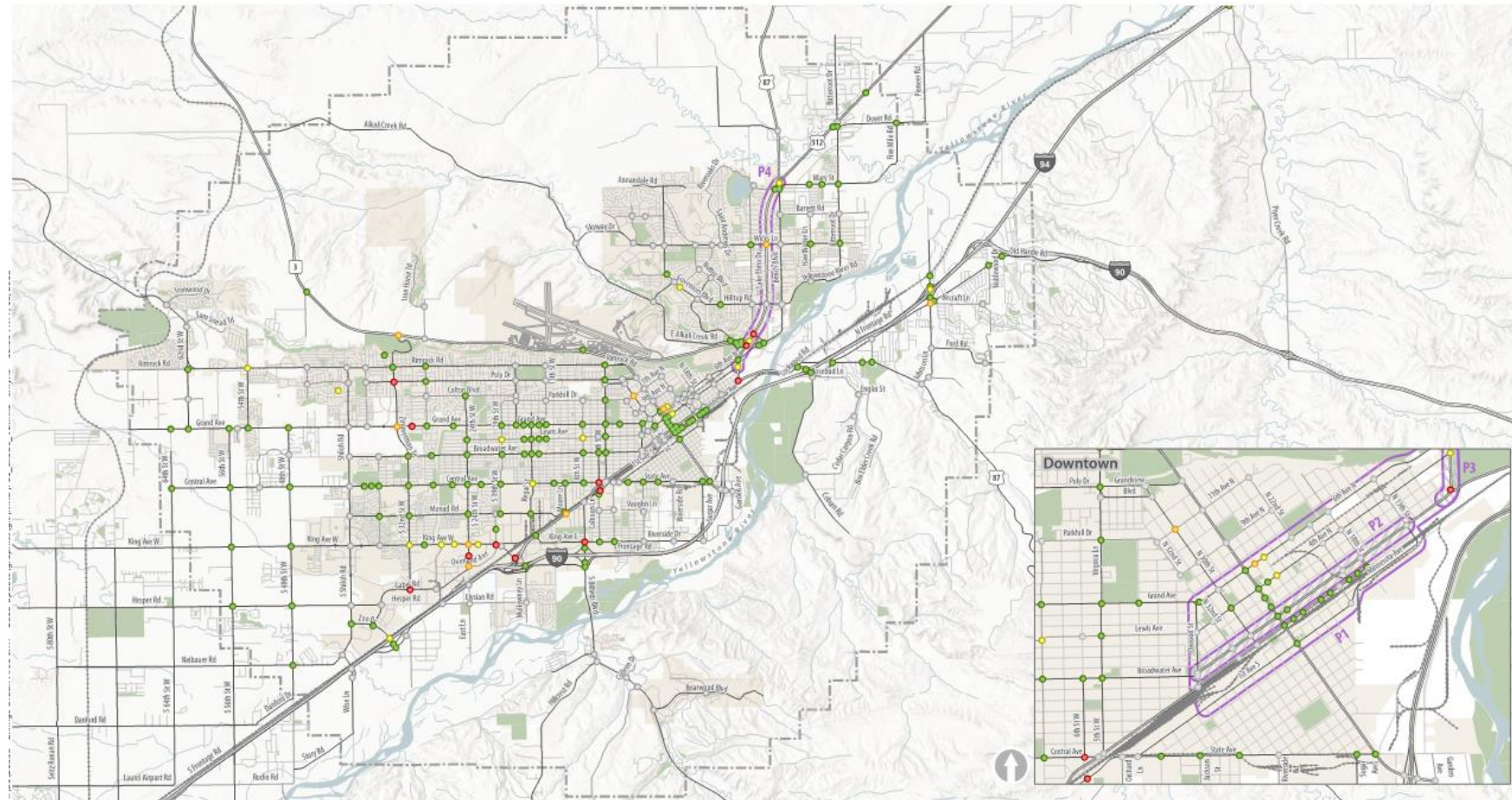
- Roadway Classification**
- Minor Arterial
 - Interstate
 - Principal Arterial
 - Collector
 - - - Proposed Freeway Controlled Access
 - - - Proposed Principal Arterial
 - - - Proposed Collector
 - Study Area
 - Park
 - City of Billings
 - Local Streets
- Note: This functional classification map does not represent the federally approved system.

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Figure 5-1

Functional Classification Map

Traffic Analysis - Existing Level of Service



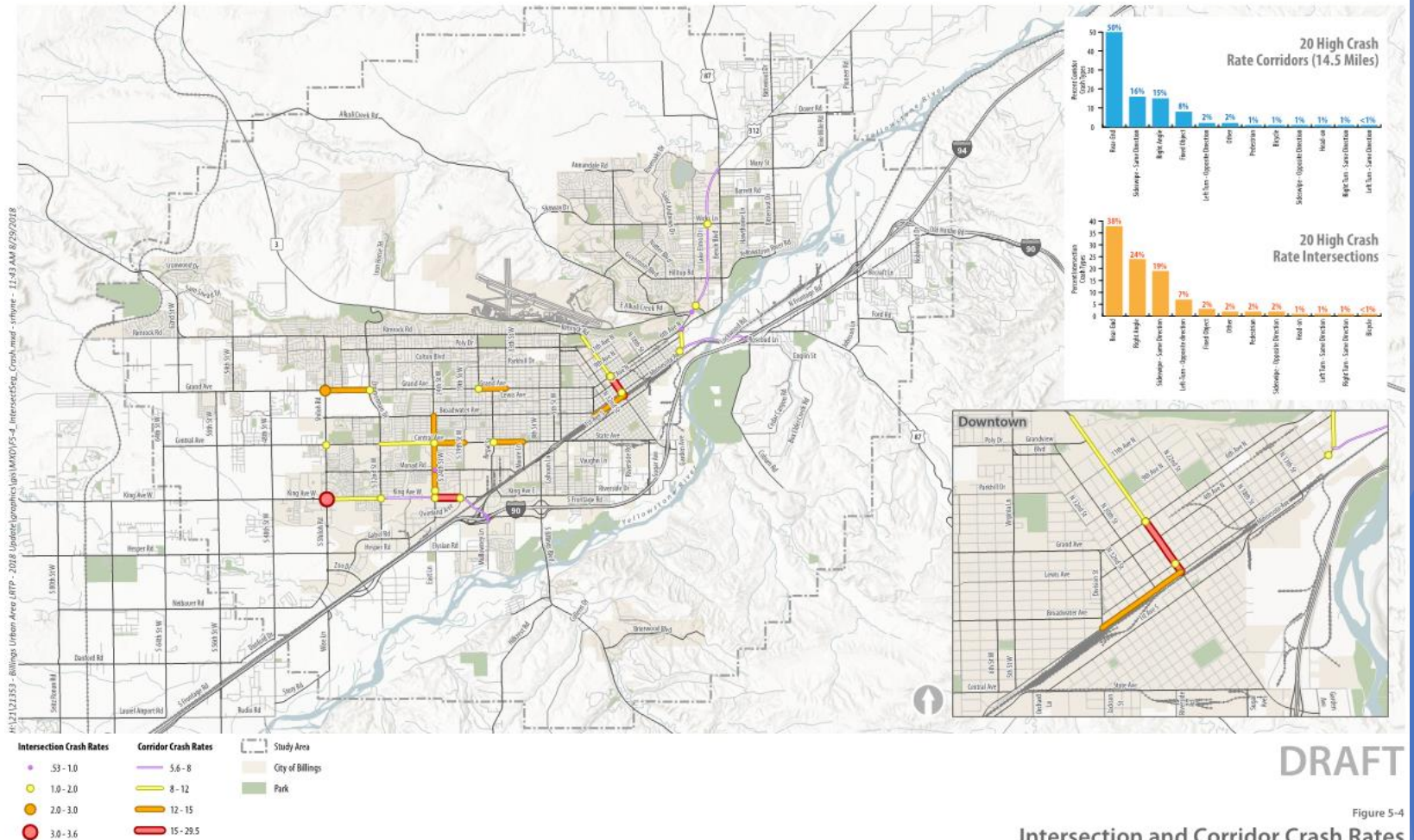
- | | | | |
|---|-------------------------------|---|--------------------|
| Level of Service | Roadway Classification | More detailed analysis is being performed in these areas by other studies/projects | Study Area |
| ● A thru C | — Interstate | P1 - Downtown Traffic Study | ■ Park |
| ● D | — Arterial | P2 - 1st Avenue North | ■ City of Billings |
| ● E | — Collector | P3 - 1st Avenue N / Expo | |
| ● F | — Local Streets | P4 - Main Street Signal Timing | |
| ○ Intersections with No Data (Collector, Arterial, Highway) | | | |

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Figure A
**Current (Collector or Higher Classified Roadway)
 Intersection Level of Service**

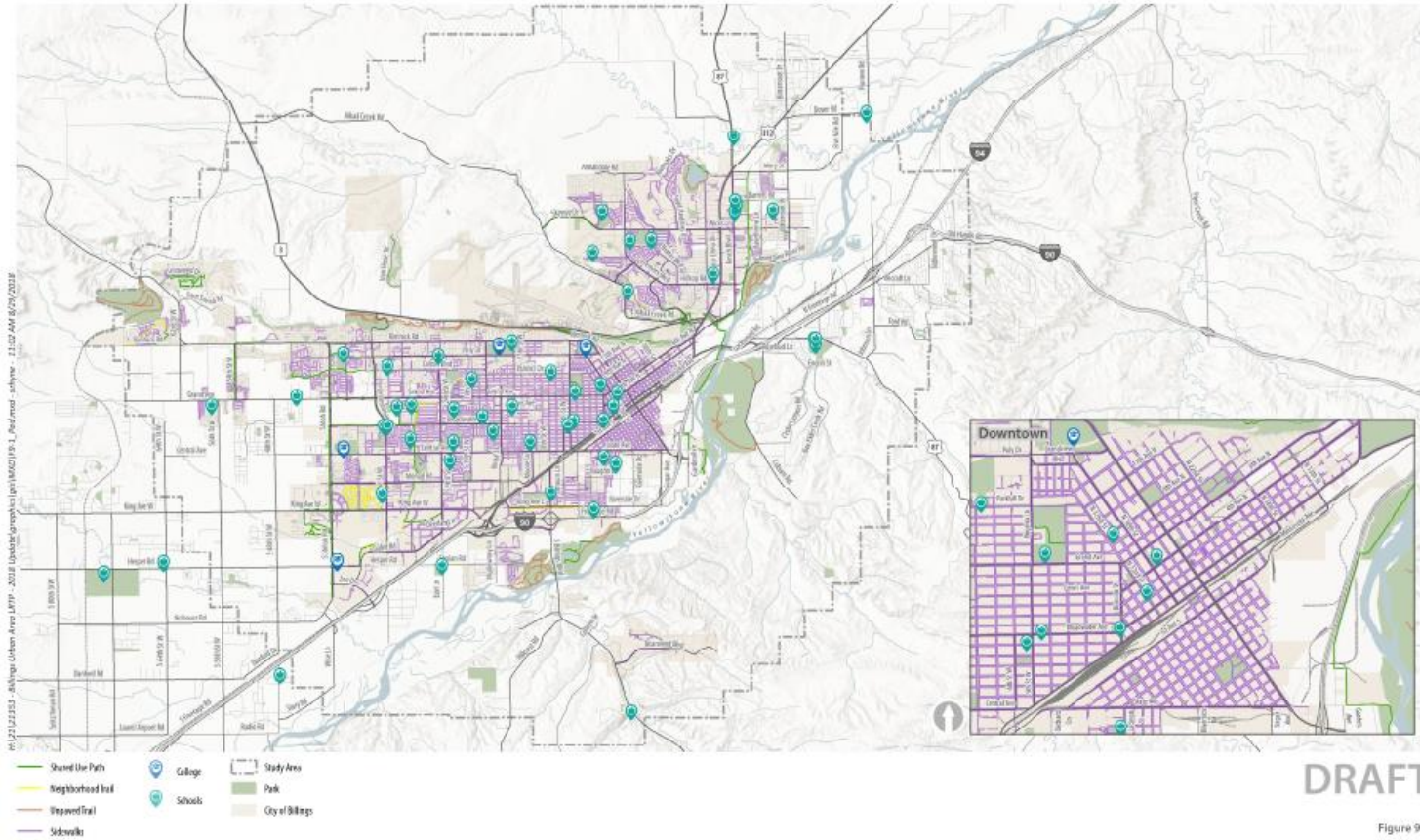
Safety Analysis

- ▶ 2013-2017 crash data
 - ▶ 14,577 reported crashes (about 8 crashes per day)
 - ▶ Identified high crash corridors:
 - ▶ N 27th Street
 - ▶ 24th Street West
 - ▶ King Avenue West
 - ▶ Montana Avenue
 - ▶ Central Avenue
 - ▶ Grand Avenue

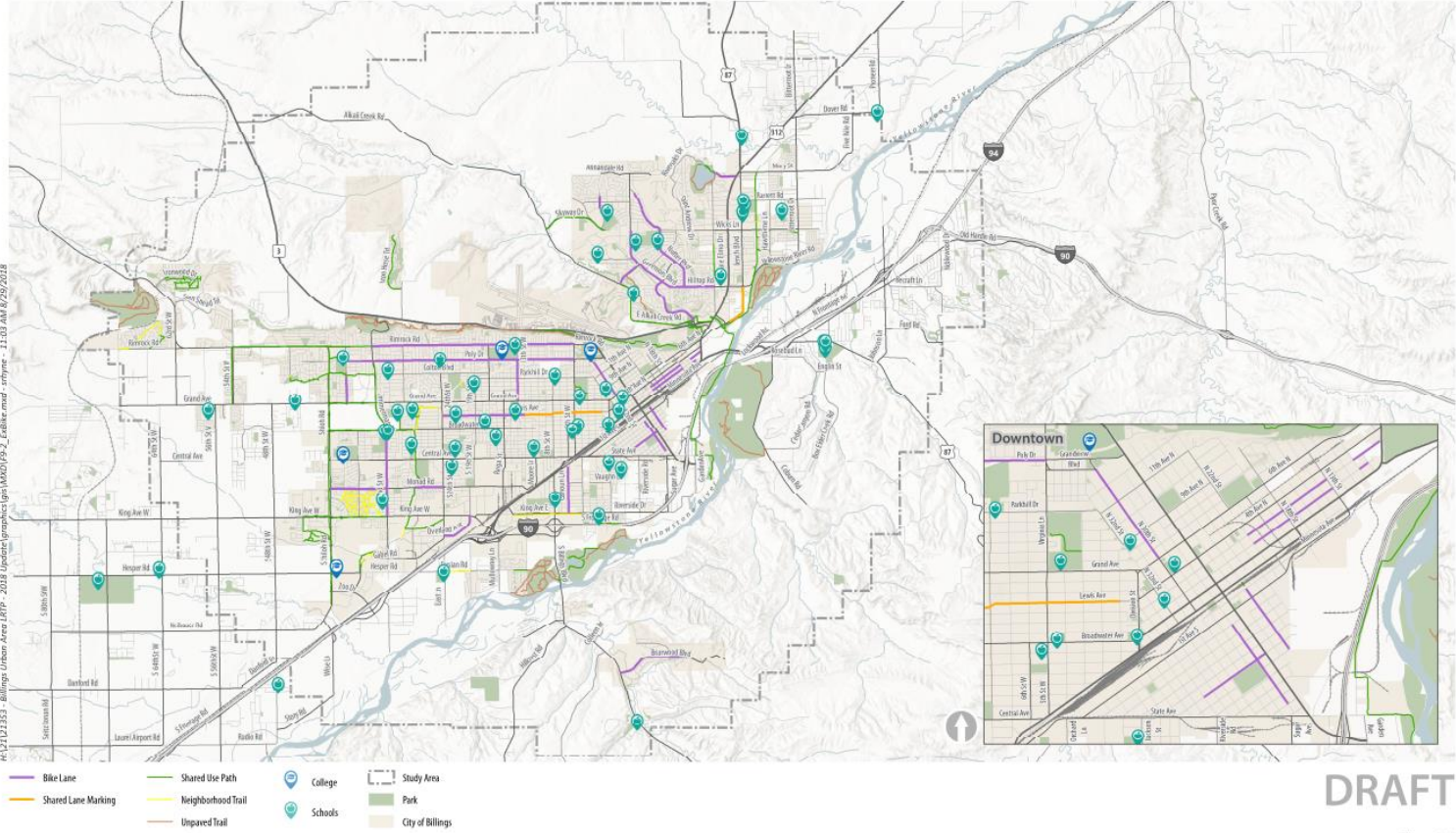


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 Figure 5-4
 Intersection and Corridor Crash Rates

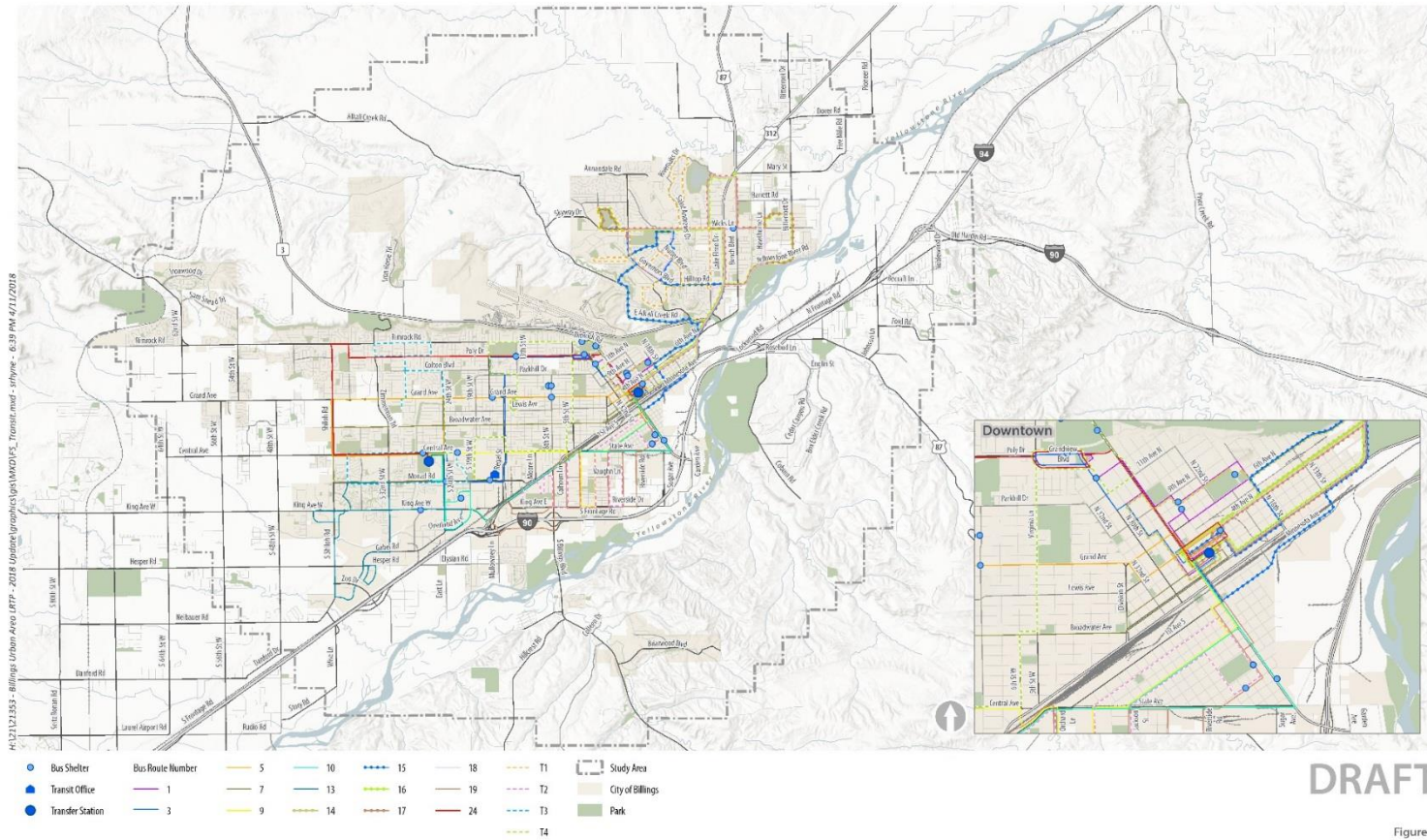
Pedestrian System



Bicycle System



Transit System



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Figure 5
Existing Weekday Bus Routes



Draft Project List - Roadway and Intersection Projects

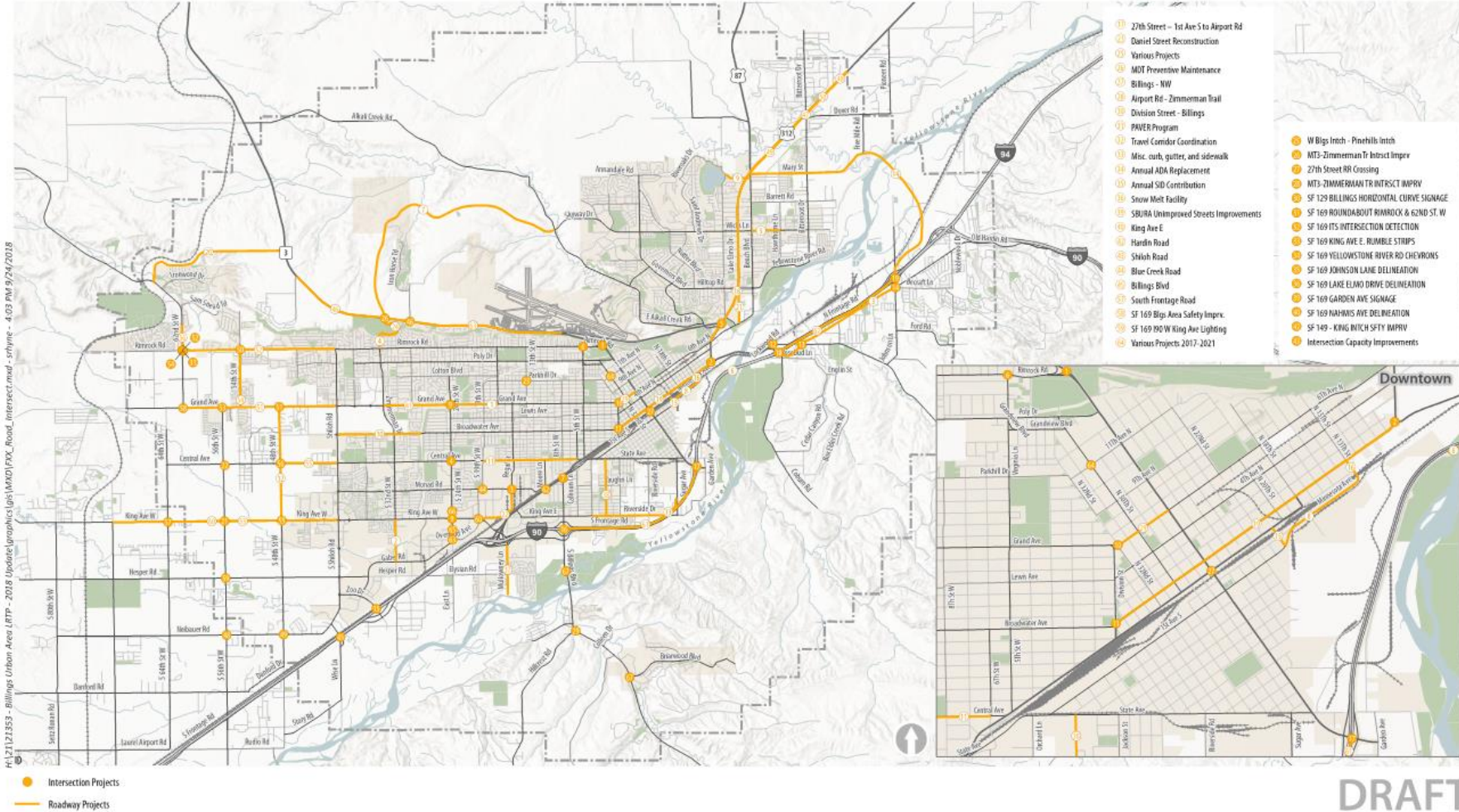
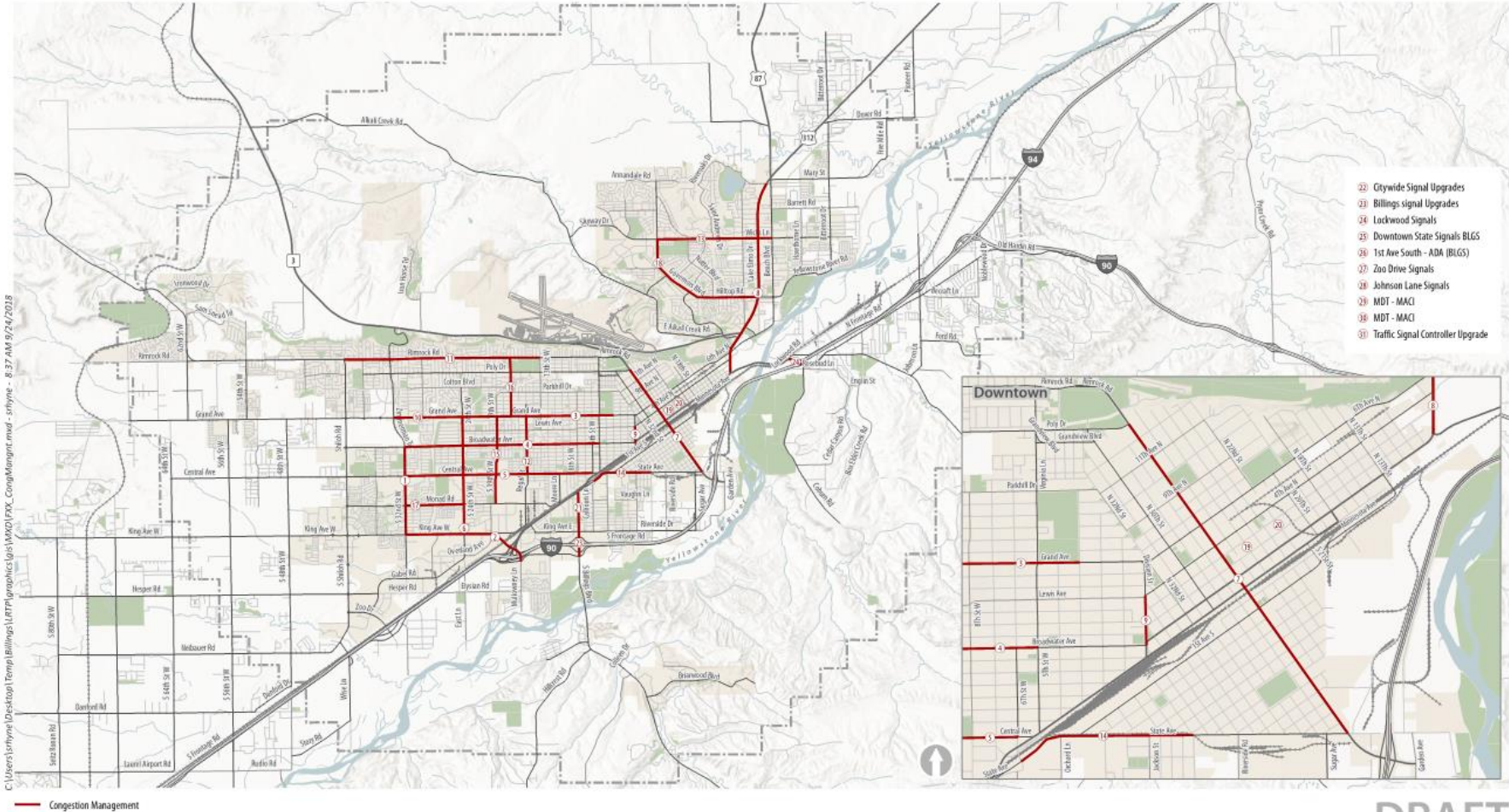


Figure XX
Intersection and Roadway Projects

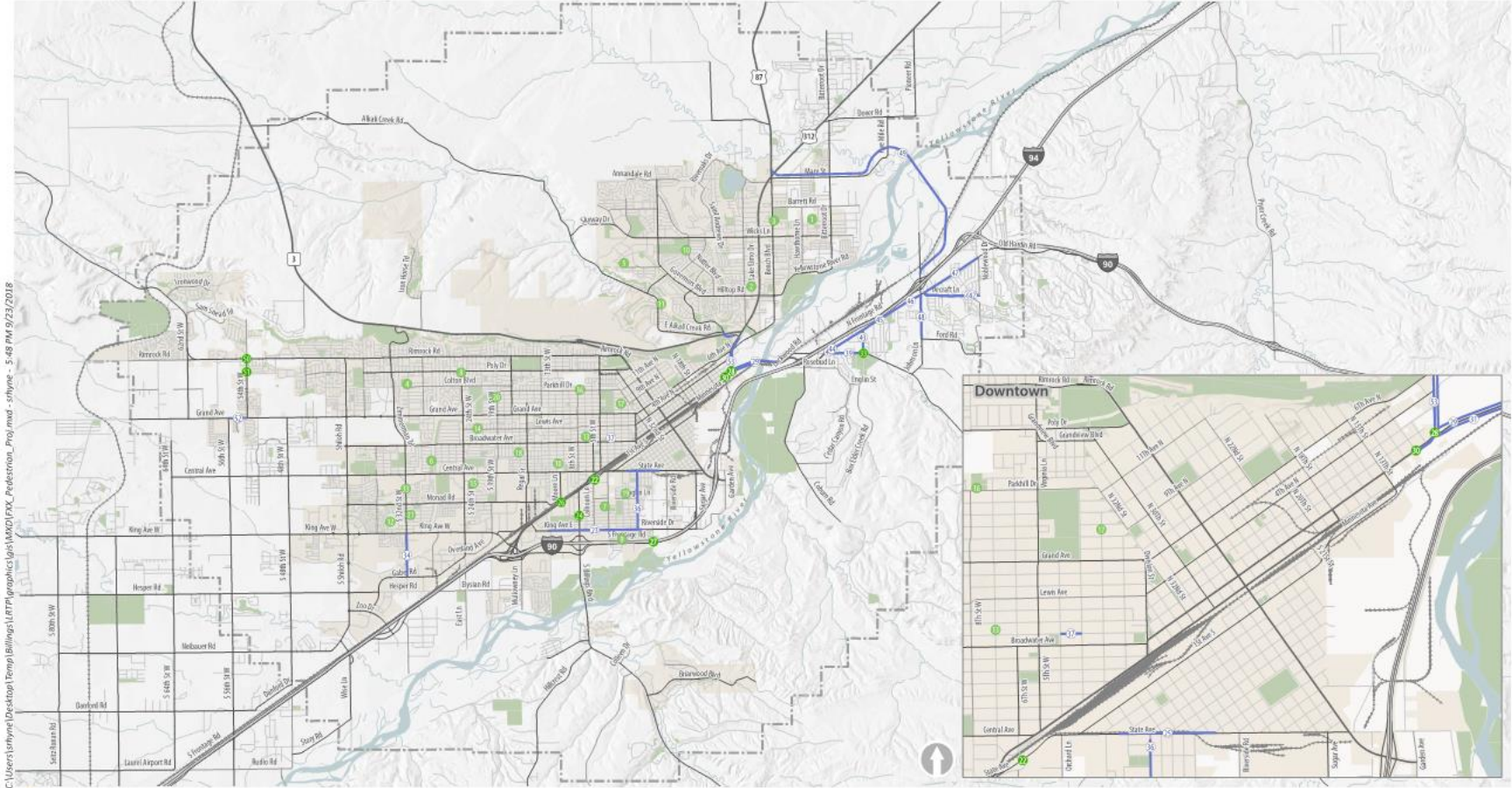
Draft Project List - Congestion Management Projects



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Figure XX
Congestion Management Projects

Draft Project List - Pedestrian Projects



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- Pedestrian Crossing
- Safe Routes to Schools
- Pedestrian Projects

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Figure XX
Pedestrian Projects

Draft Project List - Bicycle Lane Projects

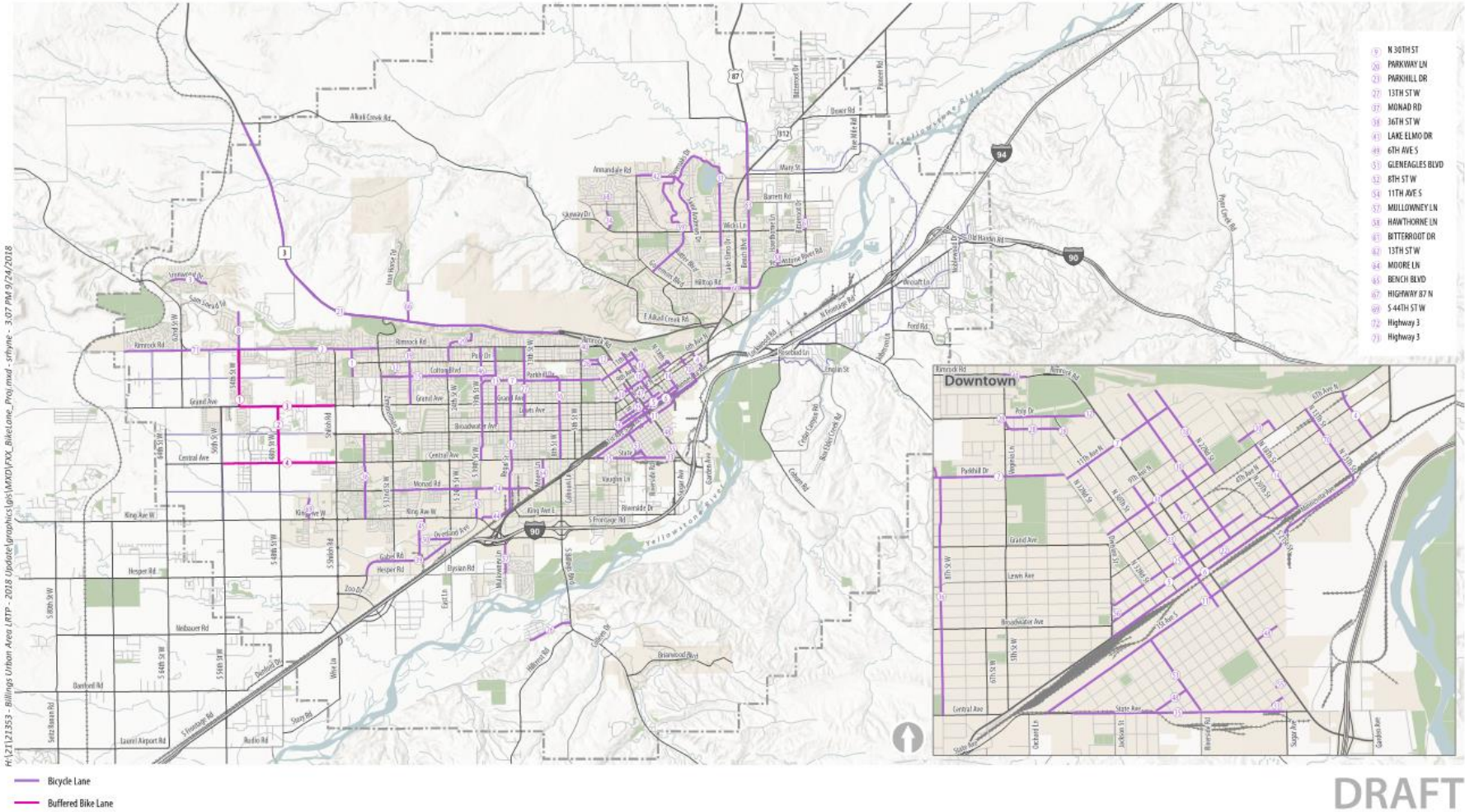


Figure XX
Bicycle Lane and Buffered Bike Projects

Draft Project List - Bicycle Boulevard Projects

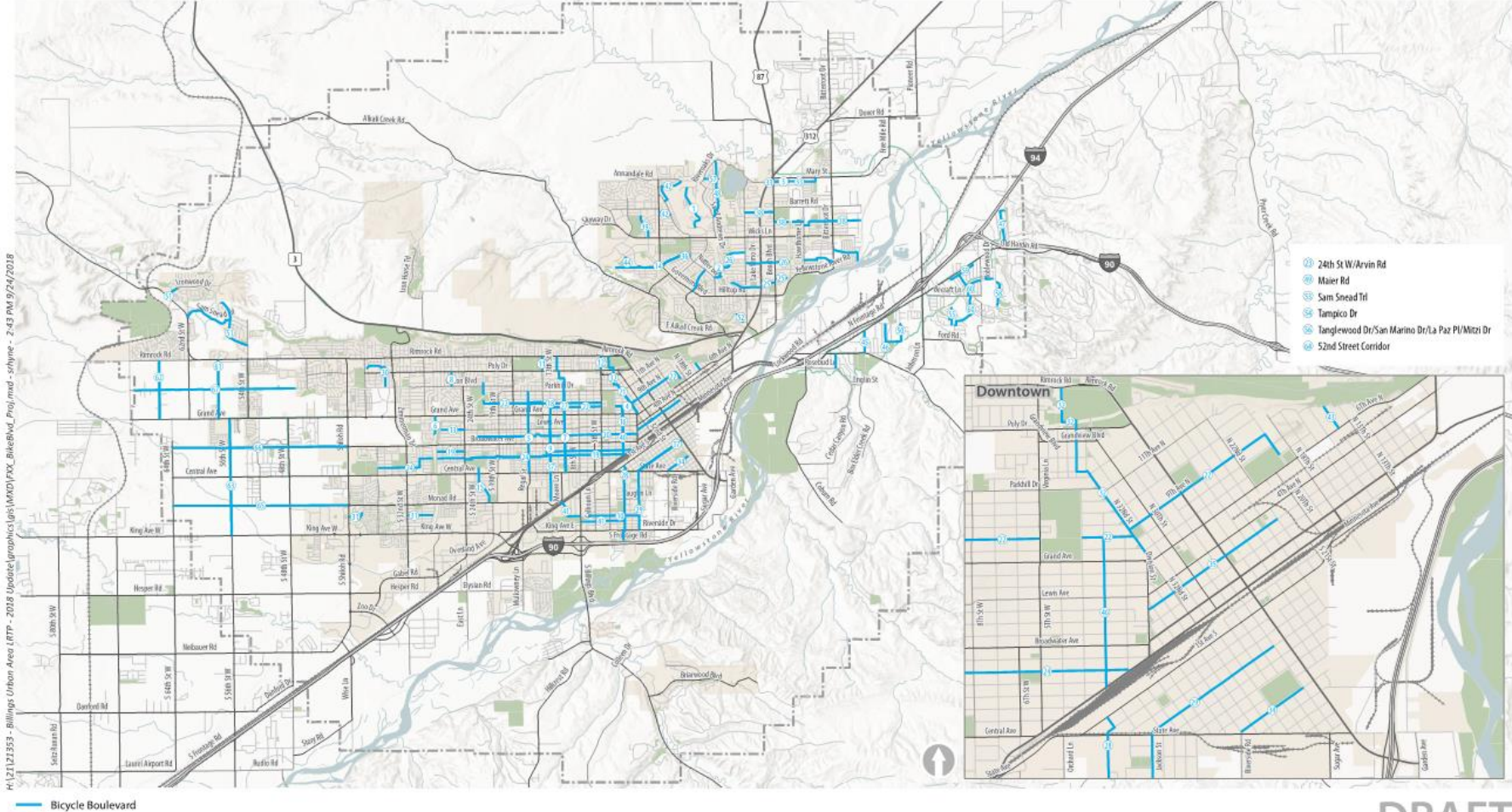


Figure XX

Bicycle Boulevard Projects

Draft Project List - Multi-use Trail Projects

Project ID	Proposed Name	Length (Miles)	Project Description	Estimated Planning-Level Cost	Cost Reference ¹
MT1	Audubon Conservation Education Center Connector Trail	0.5	Construct a multi-use trail from ACEC Trails to Mullen Lane	\$274,017	Engineer's Estimate from Consultant Team
MT2	Audubon Conservation Education Center Trail	0.5	Construct a multi-use trail from Riverfront Park to Josephine Crossing	\$456,695	Engineer's Estimate from Consultant Team
MT3	Alkali Creek Trail	0.5	Extend trail from Swords Park northeast along Alkali Creek or Swords Lane to Main Street Pedestrian Underpass	\$250,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT4	Arnold Drain Trail	0.5	Construct a multi-use trail from Arnold Drain Connector to Grand Ave	\$456,695	Engineer's Estimate from Consultant Team
MT5	Arnold Drain/Shiloh Road Connector Trail	1	Construct a multi-use trail from Broadwater Ave to Shiloh Rd	\$913,390	Engineer's Estimate from Consultant Team
MT6	BNSF Rail with Trail	15	Construct a multi-use trail from MRL Rail with Trail to Highway 3	\$8,220,506	Engineer's Estimate from Consultant Team
MT7	Briarwood to Blue Creek School	1.5	Construct a multi-use trail from Briarwood Blvd to Blue Creek School	\$1,370,084	Engineer's Estimate from Consultant Team
MT8	Briarwood to Pictograph Caves	2.5	Construct a multi-use trail from Briarwood Blvd to Pictograph Caves State Park	\$1,370,084	Engineer's Estimate from Consultant Team
MT9	Canyon Creek	6	Construct a multi-use trail from Zoo Montana to BNSF Rail with Trail	\$3,288,202	Engineer's Estimate from Consultant Team
MT10	Castle Rock	1	Construct a multi-use trail from Governors Blvd to BBWA Canal	\$913,390	Engineer's Estimate from Consultant Team
MT11	Colton Connector	1	Construct a multi-use trail from 32nd St W to 38 St W	\$913,390	Engineer's Estimate from Consultant Team
MT12	Cove Ditch	2	Construct a multi-use trail from Molt Rd to Hogan's Slough	\$1,096,067	Engineer's Estimate from Consultant Team
MT13	Downtown - Coulson Park Trail Connection	1	Extend trail from South 25th Street to 8th Ave. South to South 26th Street to Lillian Avenue and Coulson Park Trail	\$1,000,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT14	Four Dances Connector	1	Construct a multi-use trail from Lockwood Trail to Four Dances Natural Area	\$548,034	Engineer's Estimate from Consultant Team
MT15	Heights BBWA	3	Construct a multi-use trail from Aronson Ave to Lake Elmo State Park	\$2,740,169	Engineer's Estimate from Consultant Team
MT16	Heights Upper Loop	4.5	Construct a multi-use trail from Yellowstone River to Alkali Creek Rd	\$4,110,253	Engineer's Estimate from Consultant Team
MT17	High Ditch	4	Construct a multi-use trail from Rimrock West Trail to Hogan's Slough	\$2,192,135	Engineer's Estimate from Consultant Team
MT18	Hogan's Slough	5.5	Construct a multi-use trail from Shiloh Rd to BNSF Rail with Trail	\$3,014,186	Engineer's Estimate from Consultant Team
MT19	Inner Belt Loop	6.5	Construct a multi-use trail from Governors Blvd to Highway 3	\$5,937,032	Engineer's Estimate from Consultant Team
MT20	Bridge	0.25	Construct a multi-use trail from Montana Avenue to Minnesota Avenue	\$1,700,000	Engineer's Estimate from Consultant Team
MT37	BBWA to Swords Park Trail	5.5	Construct a multi-use trail from Lillis Park to Aronson Ave	\$5,023,643	Engineer's Estimate from Consultant Team
MT38	Rim Top Trail from 27th Street West/Airport Road to Zim, merman Trail Vicinity	3.5	New Trail along the Rims resulting from Highway 3 corridor study	\$1,200,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT39	Downtown BBWA 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 13th/Poly Drive	\$210,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT40	34th Street Pedestrian Bridge	0.25	Construct a multi-use bridge to cross the tracks near 34th Street	\$2,000,000	City of Billings CTEP List

Draft Projects and Strategies - Other Modes

Transit

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

Truck

- Various highway projects:
 - *Billings Bypass*
 - *I-90 Yellowstone River Bridge*
 - *Inner Belt Loop*
- Widenings 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

Today's Goals

- ▶ View display boards and chat with us about any information or viewpoints on the transportation system you'd like to discuss
- ▶ Provide project list feedback
 - ▶ Sort projects by mode or area of town; you don't need to examine every project

Project Team Next Steps

- ▶ Review and address comments received from the public on the Draft LRTP
- ▶ Finalize the LRTP for plan adoption
- ▶ Coordinate plan adoption process
 - ▶ October 30, 2018 - Policy Coordinating Committee

How to stay involved

Contact Scott Walker with any remaining questions:

Walkers@ci.billings.mt.us

Sign up for the “Notify Me” list on Billings’ website:

Google “Billings Notify Me”

Visit the project website:

BillingsLRTP.com

Thank You For Your Time

- ▶ Please review the boards around the room and provide project list feedback

WELCOME!

Thank you for attending tonight's open house for the Billings Urban Area Long Range Transportation Plan. The purpose of this open house is to give you an opportunity to learn about the draft plan, review technical information, and provide feedback on proposed projects in the following areas:

- Streets and Highways
- Pedestrians and Bicyclists
- Transit, Rail, and Truck

Who Is Involved?



The primary sounding board is the Steering Committee (SC), which includes representatives from the above agencies. Public involvement is a major contributor to the plan development.

The consultant team for the project includes Kittelson & Associates, Inc. and DOWL.

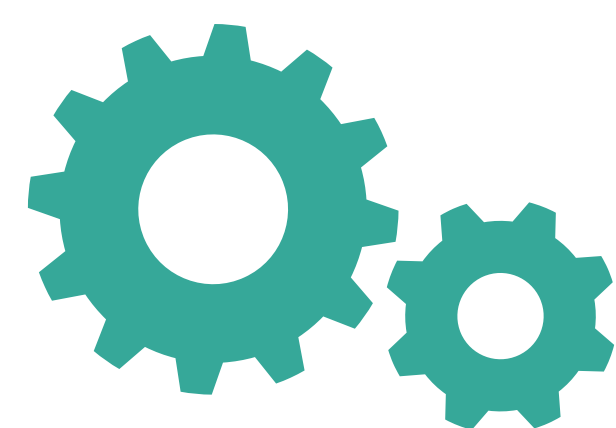


2018 LRTP GOALS



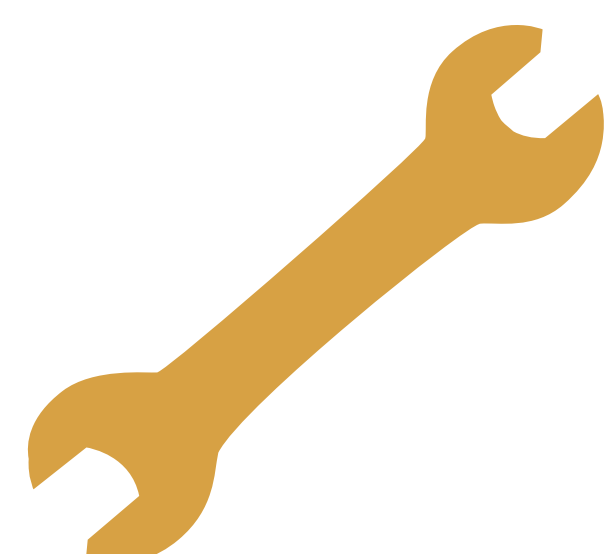
Safety

Develop a safe transportation system



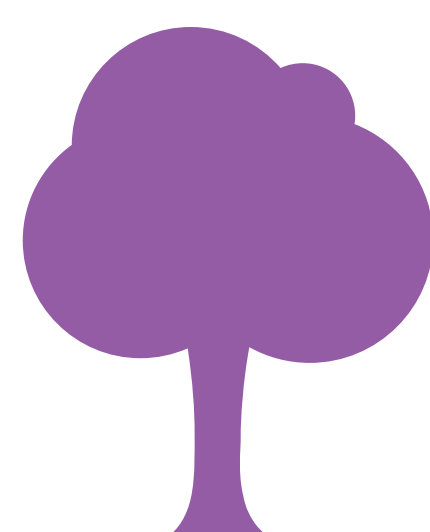
Functional Integrity and Efficiency

Optimize, preserve, and enhance the existing transportation system



Prioritized Improvements

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



Environment

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



Public Transit and Transportation

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



Pedestrians and Bicyclists

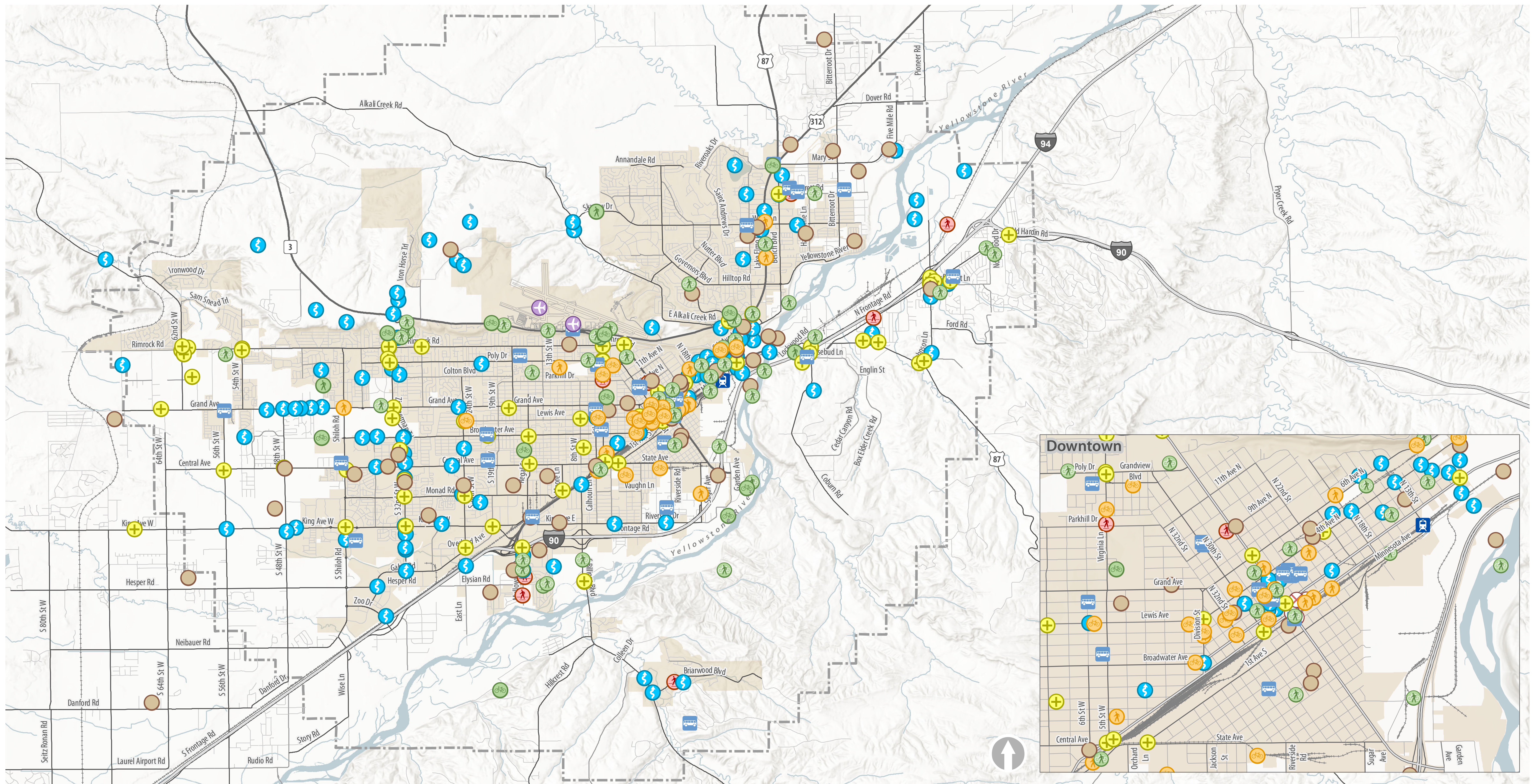
Create a transportation system that supports the practical and efficient use of active transportation such as walking and bicycling



Economic Vitality

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

NEEDS AND OPPORTUNITIES FROM PUBLIC COMMENTS



Public Feedback Categories

- Airport
- Bike Route
- Bike Trail
- Bike/Pedestrian
- Bus Transit
- General
- Intersection
- Pedestrian Crossing
- Pedestrian Trail
- Railroads
- Roadway
- Sidewalks
- Trains
- Study Area

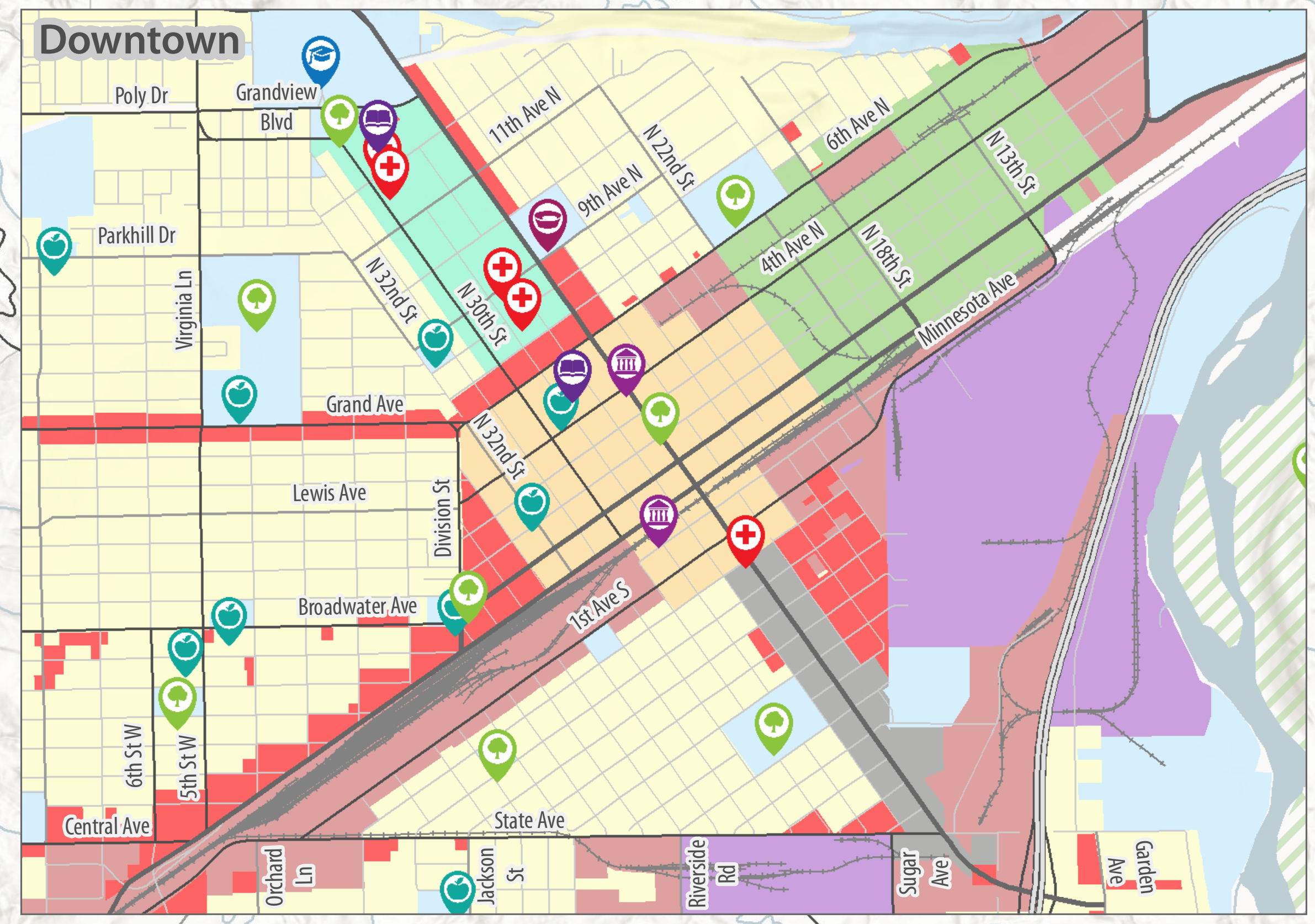
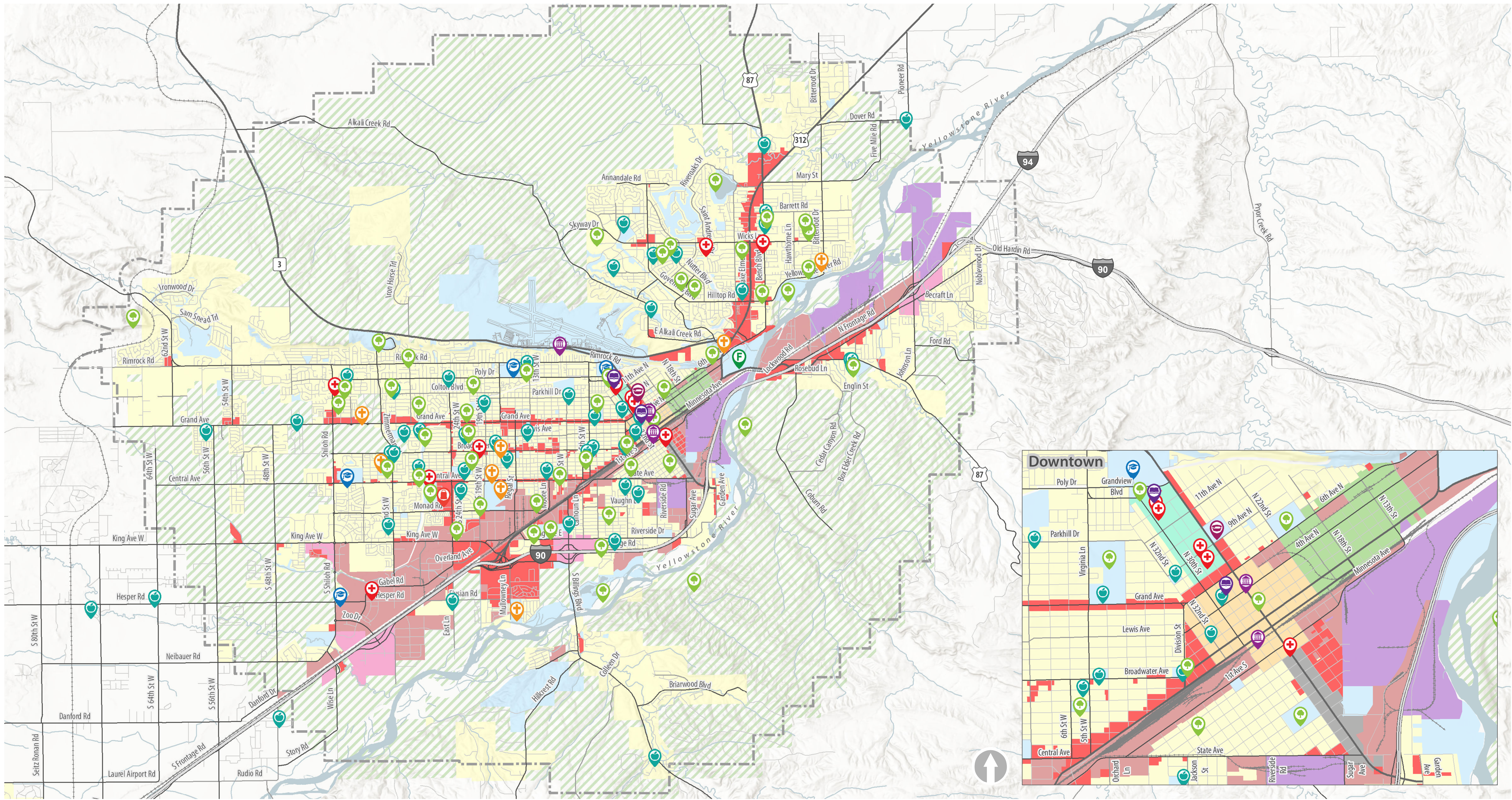
369 total comments
 112 on Roadways
 68 on Intersections

50 on Bicycle/
 Pedestrian
 28 on Bicycles

25 on Pedestrians
 2 on the Airport
 33 on Transit

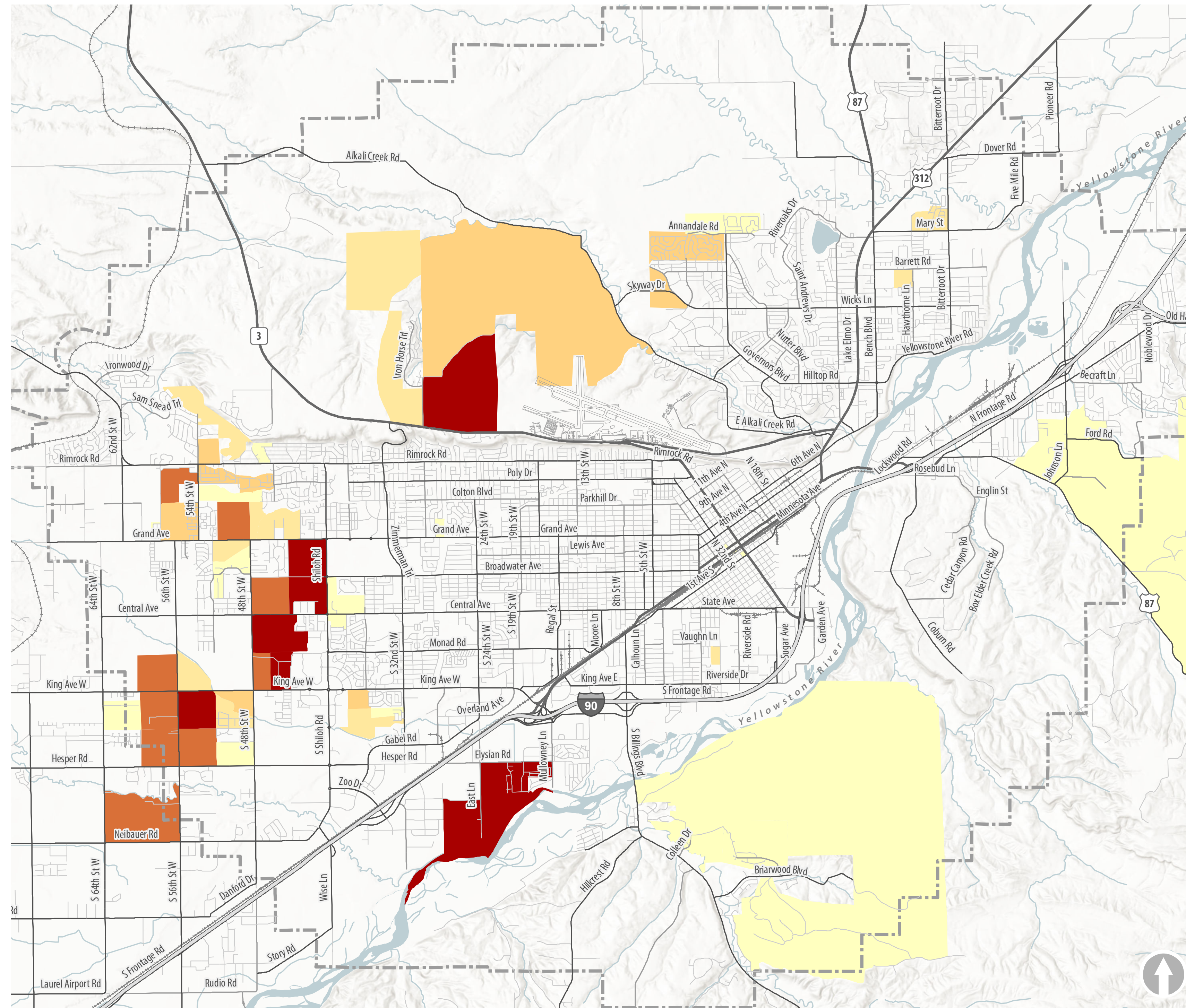
5 on Rail
 46 on General

EXISTING LAND USE

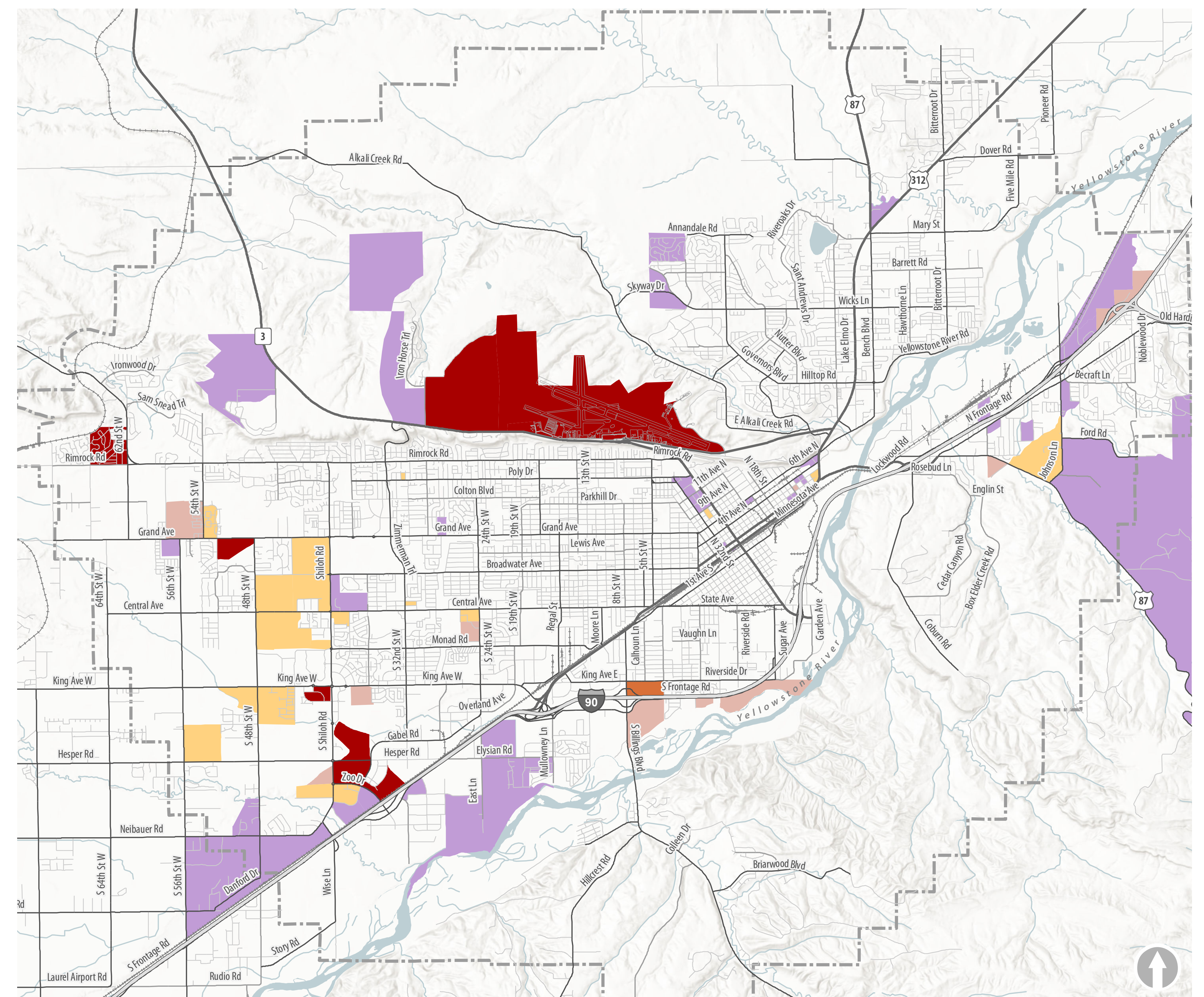


- | | | | | | | | | | |
|---------|---------------|---------|-------------|----------|-----------------------|---------------------------|------------------|-------------------------------------|------------|
| College | Shopping Mall | Stadium | Fairgrounds | Cemetery | Residential | Central Business District | Light Industrial | Entryway | Study Area |
| Schools | Museum | Library | Park | Hospital | Commercial | Medical Corridor Permit | Heavy Industrial | South 27th Street Corridor | |
| | | | | | Commercial/Industrial | Public | Agricultural | East Billing Urban Renewal District | |

PROJECTED POPULATION AND EMPLOYMENT GROWTH BY 2040

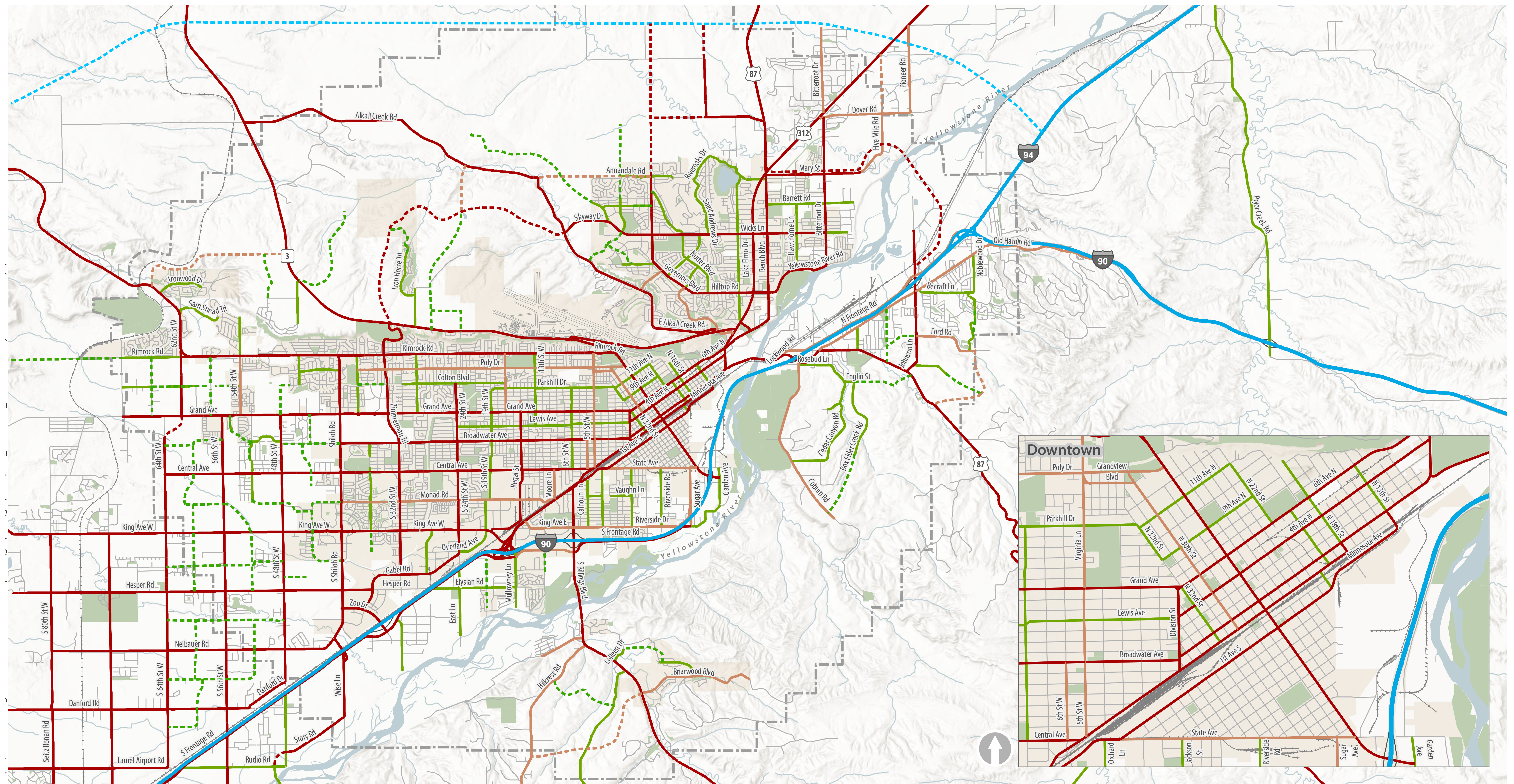


Population projected to grow by
33.6% by 2040
 2040 population projection = **170,000**



Employment projected to grow by
34.3% by 2040
 2040 jobs projection = **104,000**

FUNCTIONAL CLASSIFICATION



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

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

970 Miles of roads

18 Roundabouts

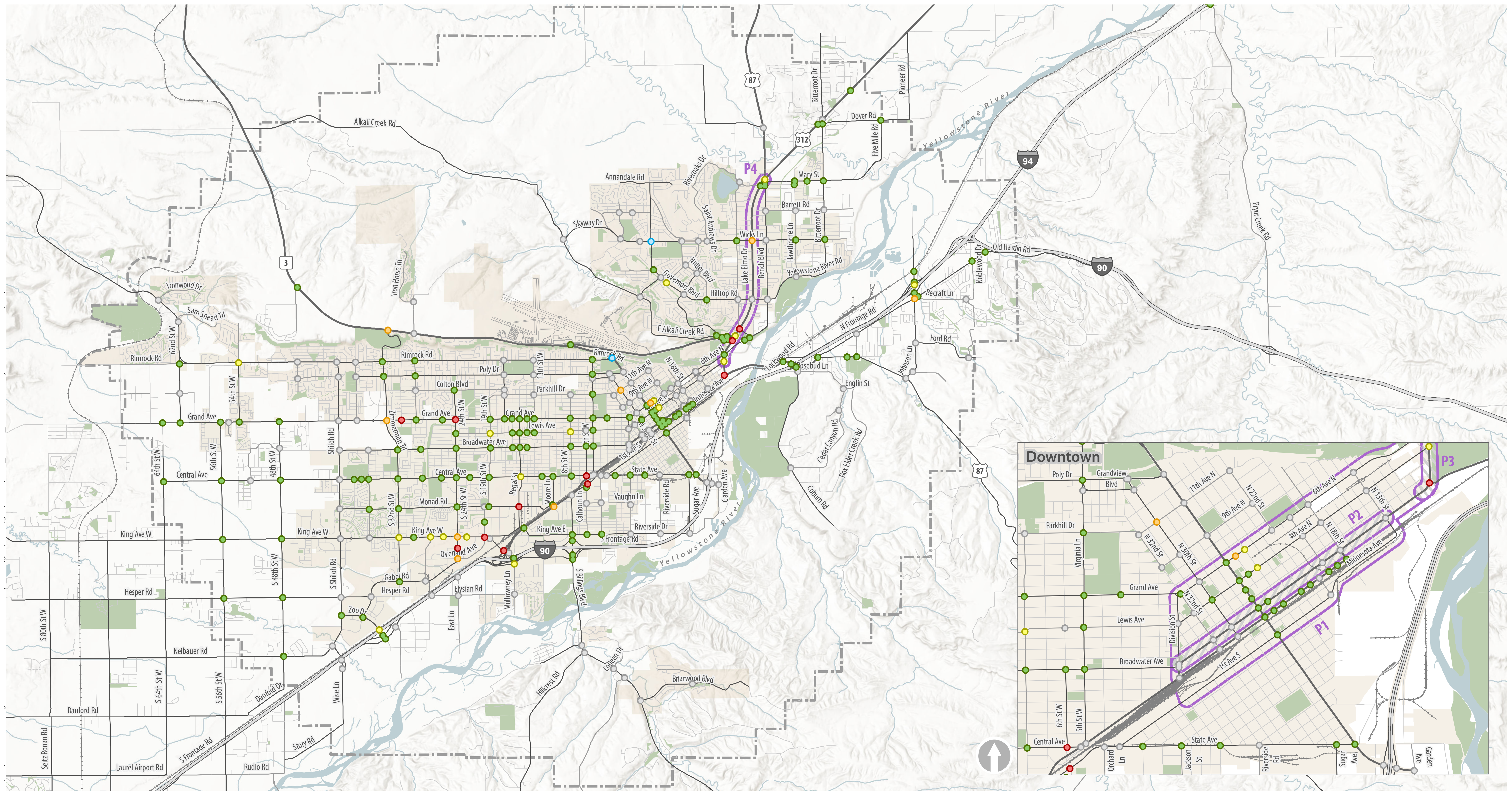
173 Signalized intersections

Freeways serve high speed, long distance travel movements and provide limited access to adjacent lands.

Arterials serve higher volumes of traffic, particularly through-traffic, at higher speeds.

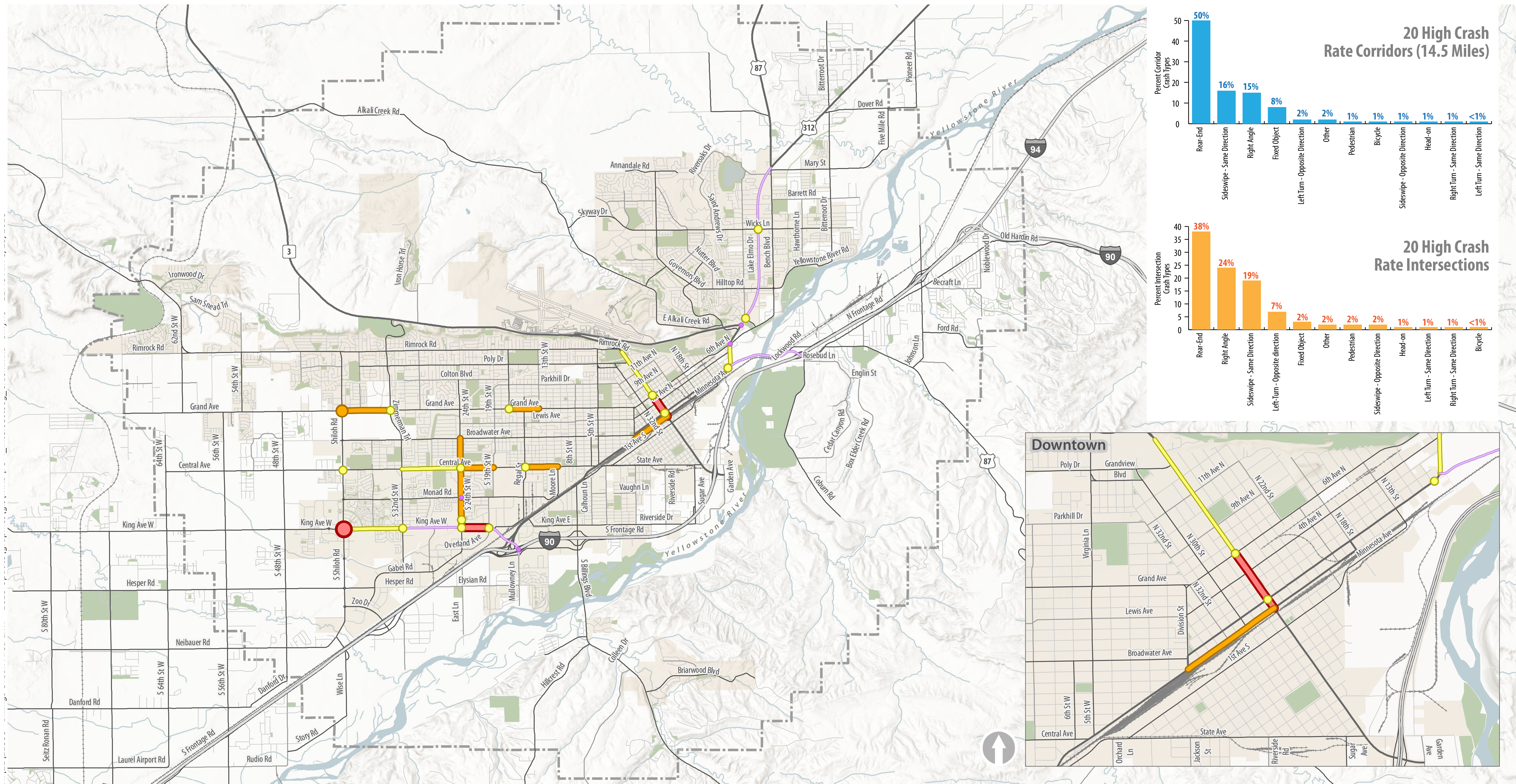
Collectors carry locally generated traffic at lower speeds.

EXISTING CONDITIONS AND LEVEL OF SERVICE



22 potentially congested intersections identified (LOS E or worse)

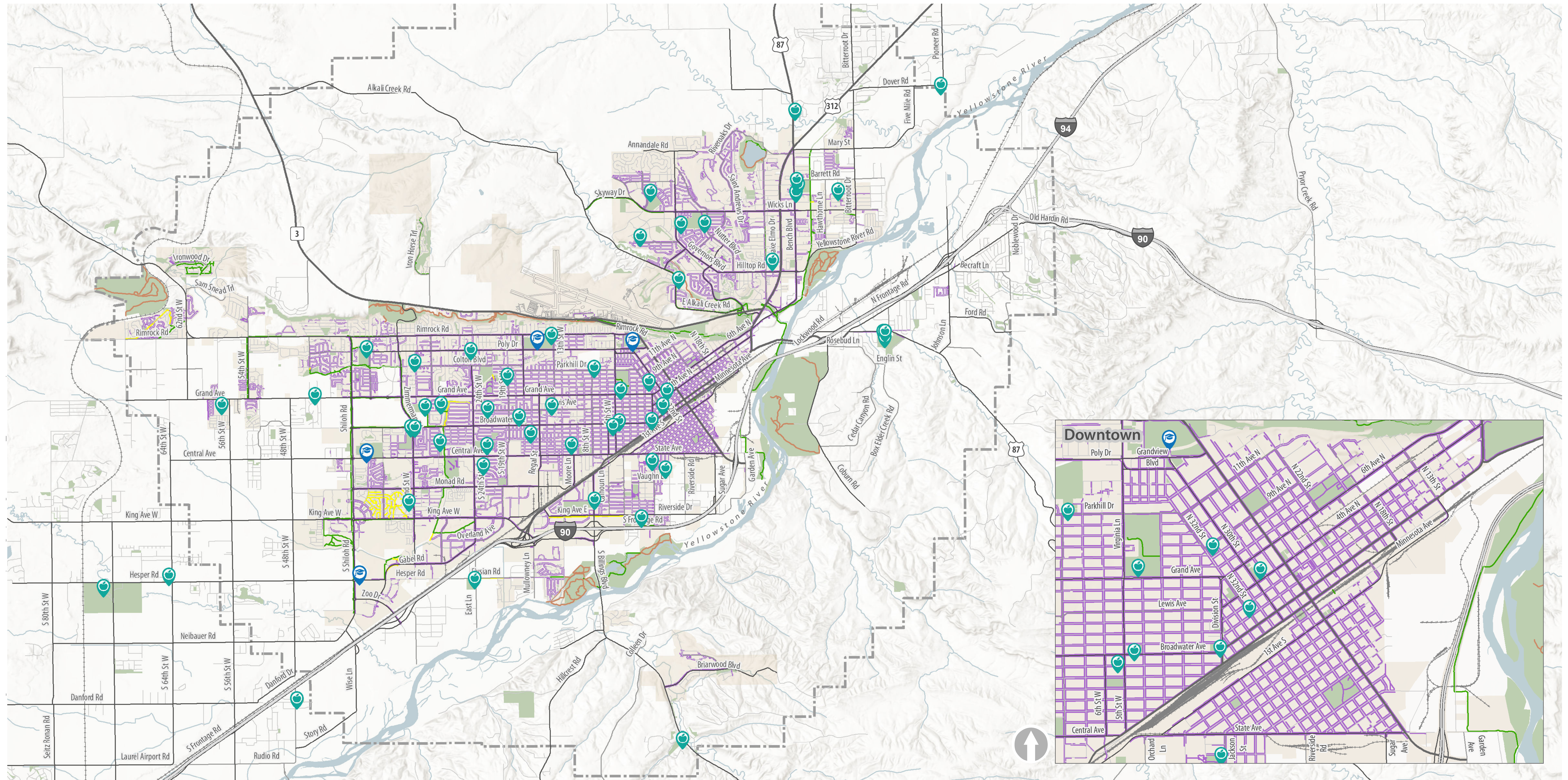
INTERSECTIONS AND CORRIDORS WITH HIGH CRASH RATES



CRASH SUMMARY:
 14,577 reported crashes
 between 2013 and 2017
 42 fatal crashes

4,005 injury crashes
 10,430 property damage only crashes
 210 pedestrian crashes (8 fatal)
 140 bicycle crashes (1 fatal)

EXISTING PEDESTRIAN AND TRAIL FACILITIES

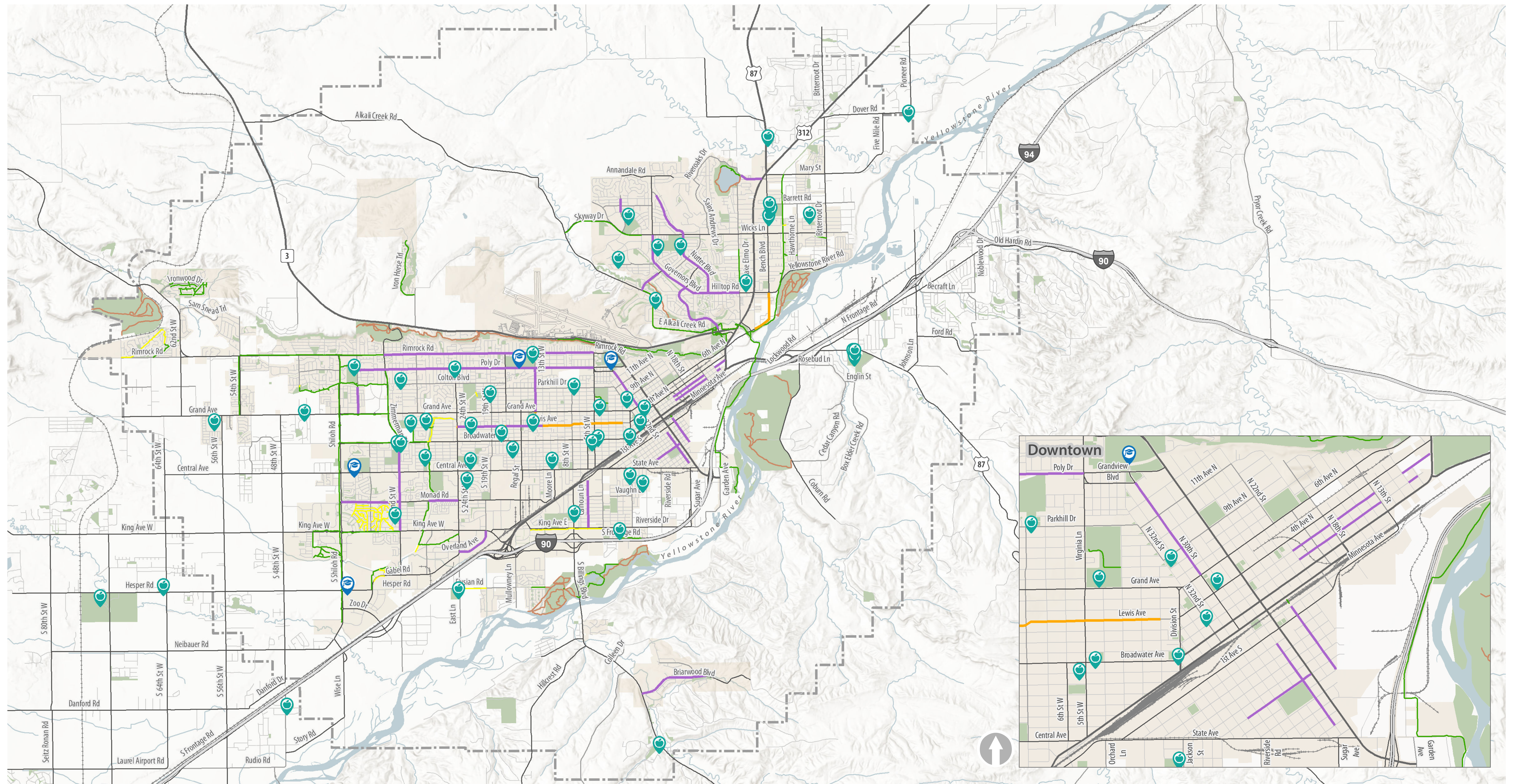


660 Miles of sidewalks
11 Miles of neighborhood trails

45 Miles of shared use paths
3.2% Billings residents commute by walking*

*2016 ACS Data

EXISTING BIKEWAYS AND TRAIL FACILITIES

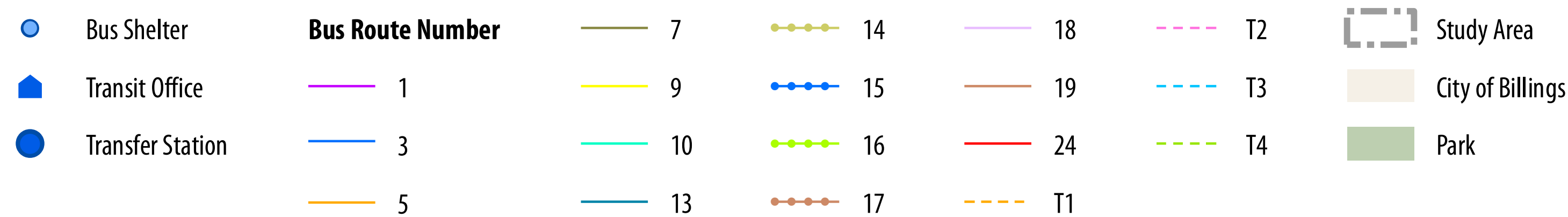
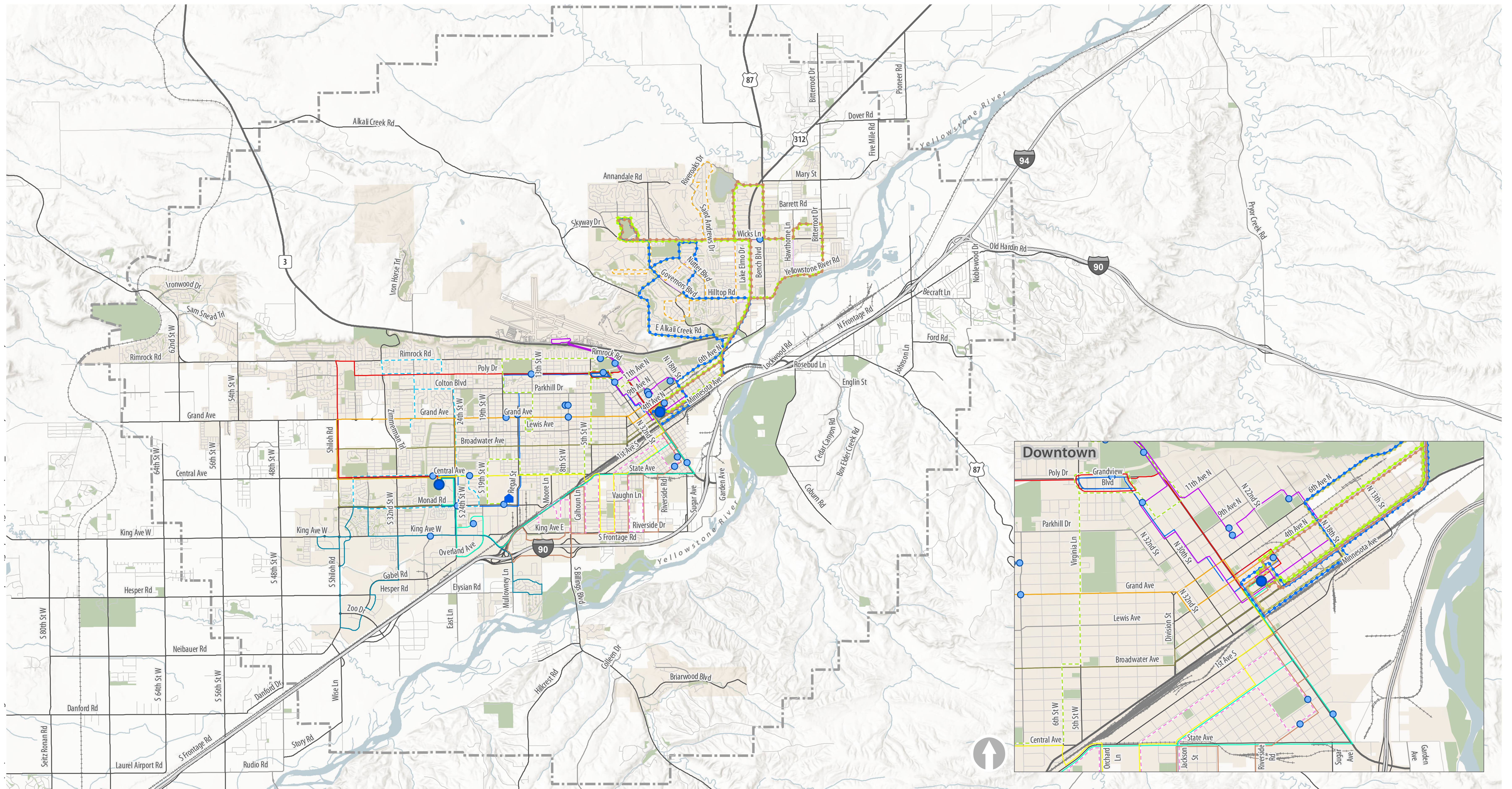


26 Miles of bike lanes
 2.6 Miles of shared lanes
 11 Miles of neighborhood trails

45 Miles of shared use paths
 1% Billings Residents Commute by bike*

*2016 ACS Data

EXISTING BUS ROUTES



18 Routes

1% Billings Residents Commute by bus*

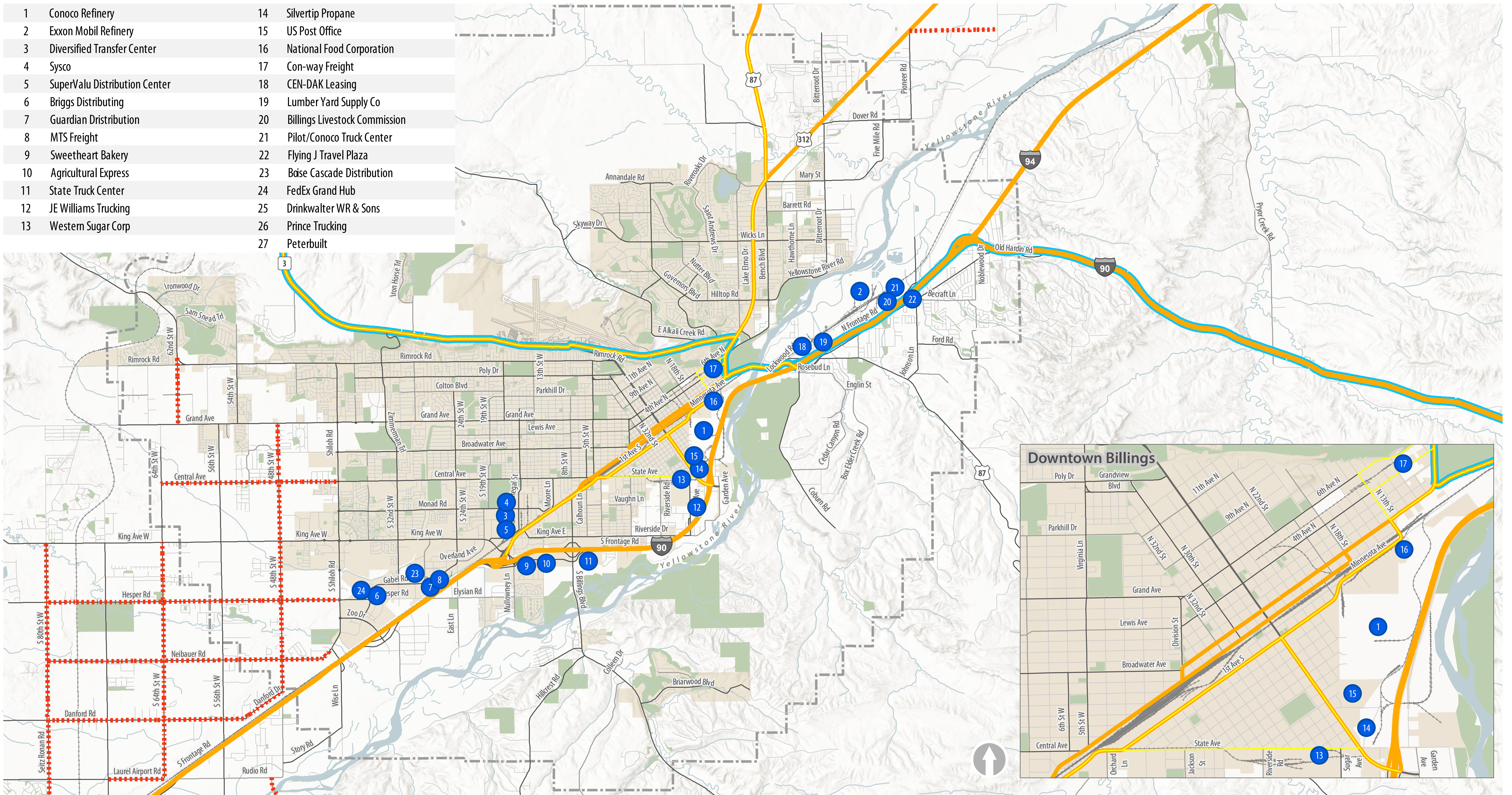
5:50a-6:50p Weekday hours

8:10a-5:45p Saturday hours

*2016 ACS Data

EXISTING TRUCK ROUTES, RESTRICTIONS, AND LOCAL GENERATORS

- | | | | |
|----|-------------------------------|----|-------------------------------|
| 1 | Conoco Refinery | 14 | Silvertip Propane |
| 2 | Exxon Mobil Refinery | 15 | US Post Office |
| 3 | Diversified Transfer Center | 16 | National Food Corporation |
| 4 | Sysco | 17 | Con-way Freight |
| 5 | SuperValu Distribution Center | 18 | CEN-DAK Leasing |
| 6 | Briggs Distributing | 19 | Lumber Yard Supply Co |
| 7 | Guardian Distribution | 20 | Billings Livestock Commission |
| 8 | MTS Freight | 21 | Pilot/Conoco Truck Center |
| 9 | Sweetheart Bakery | 22 | Flying J Travel Plaza |
| 10 | Agricultural Express | 23 | Boise Cascade Distribution |
| 11 | State Truck Center | 24 | FedEx Grand Hub |
| 12 | JE Williams Trucking | 25 | Drinkwater WR & Sons |
| 13 | Western Sugar Corp | 26 | Prince Trucking |
| | | 27 | Peterbilt |

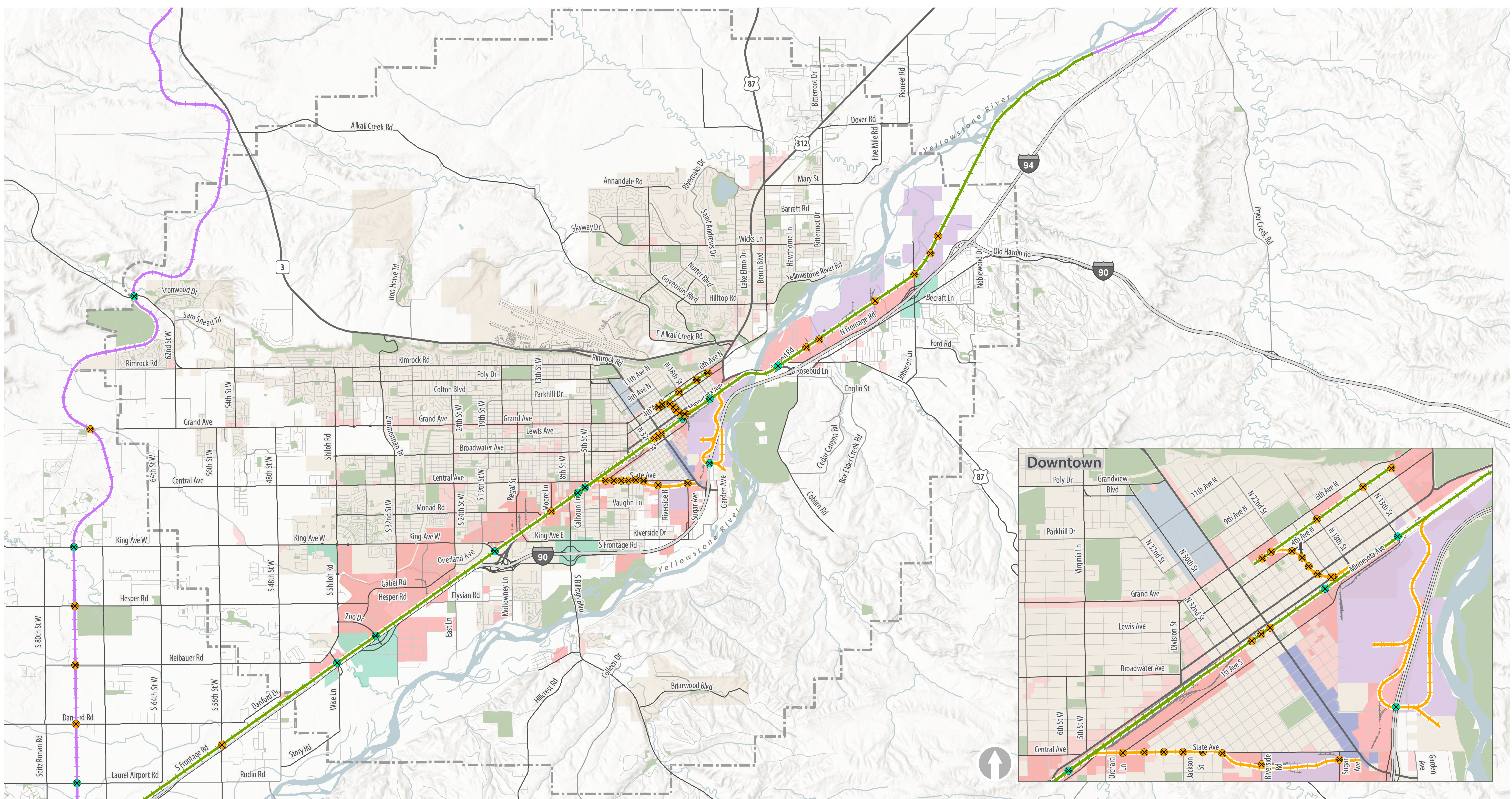


- Major Truck Activity
- Highway Truck Route
- Camino Real Corridor (Federal)
- Intercity Truck Route (City of Billings)
- - - Restricted Truck Routes (Yellowstone county)
- Study Area
- Park
- City of Billings

29.8 Million tons of freight moved by truck in Montana in 2016

Billings urban area among busiest truck hubs in state

EXISTING RAILROAD FACILITIES



- ◆ At Grade Crossing
 — Burlington Northern Santa Fe
 Study Area
 Commercial
 Medical Corridor Permit
- ◆ Grade Separated Crossing
 — Montana Rail Link
 Park
 Commercial/Industrial
 South 27th Street Corridor
- Spur
 Heavy Industrial
 Entryway
 City of Billings
- Light Industrial
 City of Billings

34 at-grade railroad crossings

12 grade-separated railroad crossings

NEXT STEPS

Stay Involved

- Sign up on the “Notify Me” list on the City’s website: <http://ci.billings.mt.us/>
- Check back frequently for updates on our project website at www.billingslrtp.com
- Contact **Scott Walker** (MPO) at 406.657.8246 or via email at walkers@ci.billings.mt.us

What is Next?

- Review and address comments received from the public on the Draft LRTP
- Finalize the LRTP for plan adoption
- Coordinate the plan adoption process in October 2018

All displays and handouts from tonight will be posted on the project website at www.billingslrtp.com for review and comment.

Thank you for participating!

Project Tables

Table 5.6 Roadway Projects

Project ID	Proposed Name	Length (miles)	Project Description	System	Estimated Planning-Level Cost ¹	Cost Reference
R1	Grand Avenue - 17th St W to 24th St	0.8	Reconstruct to a 5-lane urban roadway	Primary	\$10,200,000	Proposed by Consultant Team
R2	32nd Street West - King Ave West to Gabel Rd	0.8	Reconstruct to a 3-lane urban roadway	Primary	\$4,100,000	City of Billings Capital Improvement Program, FY 2019-2023
R3	Old Hardin Road - Lockwood Interchange to Johnson Ln	2.4	Reconstruct to a 3-lane urban roadway	Primary	\$5,700,000	Proposed by Consultant Team
R4	Zimmerman Trail	1	Roadway Improvements	Secondary	\$5,493,311	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R5	Wicks Lane (Main to Hawthorne)	0.5	Reconstruct to a 3-lane urban roadway (includes Bitterroot)	Secondary	\$300,000	City of Billings Capital Improvement Program, FY 2019-2023
R6	I-90 Yellowstone River - Billings	0.2	Replace bridges	Interstate	\$72,160,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R7	Inner Belt Loop - Alkali Creek Rd to Highway 3	5	Construction of a new road from Alkali Creek Road to Highway 3.	Primary	\$7,000,000	City of Billings Capital Improvement Program, FY 2019-2023
R8	1st Avenue South - Minnesota Avenue - 21st St to N 13th St	0.6	Reconstruct to urban roadway	Secondary	\$1,000,000	Proposed by Consultant Team
R9	Pemberton Lane - BBWA to Lake Elmo Dr	0.5	Reconstruct to urban roadway	Local	\$2,900,000	Proposed by Consultant Team
R10	Broadwater Avenue – BBWA to Shiloh Rd	1.5	Reconstruct to urban roadway	Primary	\$4,000,000	Proposed by Consultant Team
R11	Central Avenue – 19th Ave to 6th Ave	4.3	Road diet to 3 lanes	Secondary	\$1,000,000	Proposed by Consultant Team
R12	48th Street West – King Ave to Grand Ave	2	Reconstruct – cross section to be determined	Secondary	\$5,500,000	Proposed by Consultant Team
R13	King Avenue East – Orchard Ln to Sugar Ave	1.7	Reconstruct to a 3-lane urban roadway	Primary	\$1,528,586	City of Billings Capital Improvement Program, FY 2019-2023

R14	Billings Bypass - Five Mile Road		New roadway and intersection improvements	Primary	\$4,500,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
	Billings Bypass - Yellowstone River		New roadway and bridge	Primary	\$52,760,000	
	Billings Bypass - RR O'pass		New roadway and overpass	Primary	\$14,400,000	
	Billings Bypass - Johnson Ln Interchange - RR O'Pass		New roadway and overpass	Primary	\$8,700,000	
	Billings Bypass - Five Mile Road to US 87		New roadway and intersection improvements	Primary	\$16,000,000	
	Billings Bypass - Johnson Lane Interchange		New interchange, roadway, and intersection improvements	Primary	\$25,800,000	
R15	N 21st Street – Montana Ave to 1st Ave S	0.1	Reconstruct railroad underpass	Secondary	\$3,052,000	Proposed by Consultant Team
R16	N 13th Street – 1st Ave N to Minnesota Ave	0.1	Reconstruct railroad underpass	Secondary	\$18,400,000	Montana Department of Transportation
R17	27th Street – 1st Ave S to Airport Rd	2.99	Signal Optimization, Mill Overlay, ADA Corners, Sidewalks	Primary	\$15,300,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R18	Main St - Billings	3.7	Pavement preservation with ADA work	Primary	\$5,735,460	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R19	1st Avenue North - Division St to Main St	2	Reconstruct existing cross section	Primary	\$14,500,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R20	Highway 3 to Molt Road Connection	2.6	Construct a new Roadway connecting Highway 3 to Molt Road	Primary	\$11,605,115	Molt Road Study / Public comment
R21	Hawthorne Lane Reconstruction	0.6	Reconstruct the roadway between Yellowstone River Road and Wicks Lane	Local	\$1,000,000	City of Billings Capital Improvement Program, FY 2015-2019
R22	Lincoln Lane Reconstruction	0.6	Reconstruct the roadway between Bench Boulevard and Conway	Local	\$1,000,000	City of Billings Capital Improvement Program, FY 2015-2019
R23	Daniel Street Reconstruction	1	Reconstruct the roadway between Monad Road and King Avenue	Secondary	\$2,800,000	City of Billings Capital Improvement Program, FY 2015-2019
R24	Zimmerman Trail	0.6	Rockfall Mitigation	Primary	\$988,521	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R25	Various Projects	N/A	Pavement Preservation	N/A	Per Project	Billings Urban Area Transportation Improvement Program, FY 2017-2021

R26	MDT Preventive Maintenance	N/A	Pavement Preservation	N/A	Per Project	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R27	Billings - NW	N/A	Pavement Preservation	N/A	\$5,035,360	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R28	Airport Rd - Zimmerman Trail	N/A	Pavement Preservation	Primary	\$2,303,073	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R29	6th Ave N - 27th to 32nd (Blgs)	0.4	Pavement Preservation	Primary	\$657,238	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R30	Division Street - Billings	0.5	Pavement Preservation	Primary	\$686,445	Billings Urban Area Transportation Improvement Program, FY 2017-2021
R31 - A	PAVER Program	N/A	Annual Program responsible for crack sealing, overlay, and chip seals of various streets throughout the City. BARSAA funding will be used in PAVER replacing some of the previously approved gas tax funding. The savings in gas tax funding will be used for the Inner Belt Loop project.	N/A	\$14,725,000	City of Billings Capital Improvement Program, FY 2019-2023
R32 - A	Travel Corridor Coordination	N/A	Engineering will be done within Public Works.	N/A	\$400,000	City of Billings Capital Improvement Program, FY 2019-2023
R33 - A	Misc. curb, gutter, and sidewalk	N/A	Annual replacement and infill program of curb, gutter, and sidewalk	N/A	\$3,825,000	City of Billings Capital Improvement Program, FY 2019-2023
R34 - A	Annual ADA Replacement	N/A	Replace handicapped ramps in accordance with the signed agreement between the City of Billings and the Department of Justice	N/A	\$1,250,000	City of Billings Capital Improvement Program, FY 2019-2023
R35 - A	Annual SID Contribution	N/A	This project will provide SID funding for Public Work's property that may be included in an SID for a given year.	N/A	\$6,650,000	City of Billings Capital Improvement Program, FY 2019-2023
R36 - A	Snow Melt Facility	N/A	Snow melting system to melt some of the snow hauled from the City's streets. Additional funding in FY 2019 will allow development of a storage and melting location in addition to the other sites that will be used.	N/A	\$1,200,000	City of Billings Capital Improvement Program, FY 2019-2023
R37	Mullowney Lane	0.8	Road reconstruction south of Midland Road	Secondary	\$4,100,000	City of Billings Capital Improvement Program, FY 2019-2023
R38	Hallowell Lane Improvements	1	Reconstruct to urban roadway	Secondary	\$1,781,058	City of Billings Capital Improvement Program, FY 2019-2023
R39 - A	SBURA Unimproved Streets Improvements	N/A		N/A	\$1,500,000	City of Billings Capital Improvement Program, FY 2019-2023

R40	King Ave E	0.47	Pavement Preservation	Primary	\$100,000	MDT Committed Projects
R41	Grand - 24th to Zimmerman	1.17	Pavement Preservation	Primary	\$1,350,000	MDT Committed Projects
R42	Hardin Road	2.08	Pavement Preservation	Secondary	\$240,000	MDT Committed Projects
R43	Shiloh Road	1.99	Pavement Preservation	Primary	\$60,000	MDT Committed Projects
R44	Blue Creek Road	2.59	Pavement Preservation	Primary	\$881,000	MDT Committed Projects
R45	Billings Blvd	0.2	Pavement Preservation	Primary	\$60,000	MDT Committed Projects
R46	Highway 3 Widening - Zimmerman to Apache	2	Widen Highway 3 from Zimmerman Trail to Apache Trail with TWLTL	Primary	\$2,600,000	Highway 3 Corridor Planning Study
R47	Highway 312 Capacity Improvements - Shoulder Widening	2.5	Shoulder Widening	Primary	\$341,000	Old Highway 312 Corridor Study
R48	Highway 312 Capacity Improvements - Three-lane Section	0.4	Three-lane section, including bridge replacement at seven mile creek	Primary	\$450,000	Old Highway 312 Corridor Study
R49	Highway 312 Pavement Preservation	2.3	Pavement Preservation	Primary	\$2,000,000	Old Highway 312 Corridor Study
R50	Highway 312 Traffic Control Devices and Safety/Warning Features	N/A	Signing	Primary	\$3500 per assembly	Old Highway 312 Corridor Study
R51	Grand Ave - Shiloh Rd to 62nd St West	2.8	Widening/Reconstruction (5-lane section)	Primary	\$11,000,000	2016 West End Multimodal Planning Study
R52	Rimrock Rd - Shiloh Rd to 62nd St West	2.8	Widening/Reconstruction (5-lane section/3-lane section)	Primary	\$10,300,000	2016 West End Multimodal Planning Study
R53	King Ave West - MT Sapphire Dr to 64th St West	2.6	Widening/Reconstruction (5-lane section/3-lane section)	Primary	\$9,300,000	2016 West End Multimodal Planning Study
R54	54th St West - Grand Ave to Rimrock Rd	1	Widening/Reconstruction (3-lane section)	Secondary	\$3,300,000	2016 West End Multimodal Planning Study
R55	Central Ave - Shiloh Rd to 48th St West	1	Widening/Reconstruction (3-lane section)	Primary	\$3,100,000	2016 West End Multimodal Planning Study
R56	62nd St West - Rimrock Rd to Western Bluffs Boulevard	0.5	Widening/Reconstruction (3-lane section)	Primary	\$1,100,000	2016 West End Multimodal Planning Study
R57	South Frontage Road	3.75	Pavement Preservation	Primary	\$670,000	MDT Committed Projects
R58	SF 169 Blgs Area Safety Imprv.	N/A	Signage -- RP 1.7 - 2.17 (U-1026, King Ave. E); RP 3.45 - 3.65 (U-1027, Yellowstone River Rd); RP 2.35 - 2.45 (L-56-2389, Lake Elmo Drive); RP 1.9 - 2.1 (X-56395, South Frontage Road); RP 0 - 1.379 (L-56-982, Garden Ave); RP 0 - 0.76 (L-56-23, Nahmis Ave); RP 0.05 - 0.3 (L-56-1665, Story Road)	Primary	\$21,000	MDT Committed Projects
R59	SF 169 I90 W King Ave Lighting	1.7	Roadway Lighting	Interstate	\$345,000	MDT Committed Projects
R60	King Avenue - Shiloh to 72nd	4	Reconstruct to a five lane section	Primary	\$8,000,000	MDT Recommended Projects

R61	I-90 from S Blgs Blvd Intch to 27th St Intch	2.9	Add a third travel lane to I-90	Interstate	\$4,000,000	MDT Recommended Projects
R62	I-90 from Lockwood Intch to Johnson Lane Intch	2.5	Add a third travel lane to I-90	Interstate	\$3,000,000	MDT Recommended Projects
R63	Hwy 3 from Airport to Zimmerman Trail	3	Widen with two-way, left-turn lane	Primary	\$3,200,000	MDT Recommended Projects / Highway 3 Corridor Planning Study
R64	Various Projects 2017-2021	N/A	Pavement Preservation	N/A	\$2,500,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021

¹ Cost estimates based on recent plans/studies/bid items with adjustments for inflation to current year dollars

Table 5.7 Intersection Projects

Project ID	Proposed Name	Project Description	Estimated Planning-Level Cost ¹	Cost Reference
11	Rimrock Rd/N 27th St	Improve intersection capacity, operations, and safety	\$4,700,000	Proposed by Consultant Team
12	Exposition Drive & 1st Ave N Blgs	Intersection Improvement	\$1,600,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
13	Monad Rd/Daniel Ln	Improve intersection capacity, operations, and safety	\$400,000	City of Billings Capital Improvement Program, FY 2015-2019
14	Central Ave/24th St W	Improve intersection capacity, operations, and safety	\$400,000	City of Billings Capital Improvement Program, FY 2015-2019
15	Airport Rd & Main St - BLGS	Intersection Improvements	\$11,700,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
16	Rimrock Rd/Virginia Ln	Improve intersection capacity, operations, and safety	\$410,000	Proposed by Consultant Team
17	Underpass Avenue Improvements	Intersection Improvements	\$8,600,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
18	King Ave/24th St	Evaluate intersection to identify alternative intersection treatment	\$1,500,000	MDT Recommended Projects
19	Grand Ave/24th St	Evaluate intersection to identify alternative intersection treatment	\$250,000	Proposed by Consultant Team
110	Division/Grand/6th Ave/N 32nd St	Improve intersection capacity, operations, and safety	\$560,000	Proposed by Consultant Team / Part of Downtown Study
111	Division/Broadway/1st Ave N	Improve intersection capacity, operations, and safety	\$560,000	Proposed by Consultant Team / Part of Downtown Study
112	Lockwood Road & N Frontage Road	Reconfiguration of existing intersection	\$495,000	Proposed by Consultant Team
113	US Highway 87 & Old Hardin Road	Upgrade 3-way stop intersection to a roundabout	\$630,000	Proposed by Consultant Team
114	Johnson Lane & Old Hardin Road	Intersection improvements and access management around Johnson Lane Interchange	Included with R23	Montana Department of Transportation

I15	Shiloh Interchange	Geometric improvements to improve operations and safety	\$1,900,000	I-90 Corridor Planning Study
I16	South Billings Blvd Interchange	Additional EB and WB mainline lanes under and through the Interchange	\$1,600,000	I-90 Corridor Planning Study
I17	27th Street Interchange	Construct additional EB and WB mainline lanes under and through Interchange. Restripe EB off-ramp and improve pedestrian facilities	\$1,900,000	I-90 Corridor Planning Study
I18	Lockwood Interchange	Construct additional EB and WB mainline lanes under and through the Lockwood Interchange and improve pedestrian facilities	\$1,900,000	I-90 Corridor Planning Study
I19	Johnson Ln Interchange	Geometric improvements to improve operations and safety	Included with R23	Montana Department of Transportation
I20A	West Billings Interchange	Update geometry to match C standards, improve landscaping and improve pedestrian facilities	\$6,900,000	I-90 Corridor Planning Study
I20B		Construct additional EB and WB mainline lanes through interchange, modify vertical curve, reconstruct bridge segments and restripe WB off-ramp at West Billings Interchange.	\$12,600,000	I-90 Corridor Planning Study
I21	SF 129-RNDABOUT KING 56TH	Construct a roundabout at this intersection	\$4,246,201	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I22	SF 139-RNDABOUT CENTRAL/56TH	Construct a roundabout at this intersection	\$3,500,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I23	SF 139 13TH/PARKHILL SIGNAL	Construct a traffic signal at this intersection	\$267,760	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I24	Pinehills Intch-Pryor CR Intch	Pavement Preservation	\$887,557	Billings Urban Area Transportation Improvement Program, FY 2012-2016
I25	W Blgs Intch - Pinehills Intch	Mill Fill	\$4,462,609	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I26	MT3-Zimmerman Tr Intrstc Imprv	Intersection Improvement	\$1,891,867	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I27	27th Street RR Crossing	Railroad crossing study	\$300,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I28	MT3-ZIMMERMAN TR INTRSTC IMPRV	Intersection Improvement	\$1,928,411	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I29	SF-149 HILLCREST RIGHT TURN LN	Intersection Improvement	\$331,073	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I30	SF 129 BILLINGS HORIZONTAL CURVE SIGNAGE	Signage	\$1,126,611	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I31	SF 169 ROUNDABOUT RIMROCK & 62ND ST. W	Roundabout	\$3,655,843	Billings Urban Area Transportation Improvement Program, FY 2017-2021

I32	SF 169 ITS INTERSECTION DETECTION	Intersection Improvement	\$73,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I33	SF 169 KING AVE E. RUMBLE STRIPS	Rumble Strips	\$11,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I34	SF 169 YELLOWSTONE RIVER RD CHEVRONS	Signage	\$6,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I35	SF 169 JOHNSON LANE DELINEATION	Signage	\$700	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I36	SF 169 LAKE ELMO DRIVE DELINEATION	Signage	\$420	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I37	SF 169 SOUTH FRONTAGE ROAD SIGNAGE	Signage	\$6,700	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I38	SF 169 OLD HIGHWAY 312 DELINEATION	Signage	\$3,500	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I39	SF 169 GARDEN AVE SIGNAGE	Signage	\$26,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I40	SF 169 NAHMIS AVE DELINEATION	Signage	\$7,500	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I41	SF 169 STORY RD SIGNAGE	Signage	\$3,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I42	SF 149 - KING INTCH SFTY IMPRV	Safety	\$14,942	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I43	Intersection Capacity Improvements	Evaluate and construct improvements to selected intersection trouble areas.	\$2,000,000	City of Billings Capital Improvement Program, FY 2019-2023
I44	Monad and 19th/20th St W Intersection Reconstruction		\$3,500,000	City of Billings Capital Improvement Program, FY 2019-2023
I45	SF-169 Frontage Rd Wise Ln Intx	Intersection Improvement	\$97,800	MDT Committed Projects
I46	Highway 3/Rod & Gun Club Road	Install roundabout at Highway 3/Rod & Gun Club Road, including single circulating lane, single-lane approaches, and bike and pedestrian accommodations	\$1,500,000	Highway 3 Corridor Planning Study
I47	Highway 312 Intersection Improvements - Intersection Control	Intersection Control	\$1500000 per intersection	Old Highway 312 Corridor Study
I48	Neibauer Rd & 56th St West	All-way stop control/OH Flashing Beacons/Transverse Rumble Strips	\$200,000	2016 West End Multimodal Planning Study
I49	Neibauer Rd & 48th St West	OH Flashing Beacons/Transverse Rumble Strips	\$200,000	2016 West End Multimodal Planning Study

I50	Rimrock Rd & 54th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I51	Grand Ave & 48th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I52	Molt Rd/Rimrock Rd/62nd St West	Design Study	\$30,000	2016 West End Multimodal Planning Study
I53	Grand Ave & 56th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I54	Mold Rd/Rimrock Rd/62nd St W	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I55	King Ave West & 48th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I56	Central Ave & 48th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I57	King Ave West & 64th St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I58	Grand Ave & 62nd St West	Traffic Signal or Roundabout	\$1,500,000	2016 West End Multimodal Planning Study
I59	Hesper Rd & 56th St West	All-Way Stop	\$200,000	2016 West End Multimodal Planning Study
I60	King Ave/20th St	Evaluate intersection to identify alternative intersection treatment	\$1,500,000	MDT Recommended Projects
I61	Various Safety Projects	Safety	\$4,500,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
I62	Laurel Road & Moore Lane	Study for capacity improvements	\$250,000	Proposed by Consultant team
I63	24th Street W & Overland Avenue	Study for capacity improvements	\$250,000	Proposed by Consultant team
I64	11th Avenue N & N 30th Street	Study for capacity improvements	\$250,000	Proposed by Consultant team
I65	24th Street W & Grant Road	Study for capacity improvements	\$250,000	Proposed by Consultant team
I66	24th Street West and Rosebud Drive/Market Place	Study for safety improvements	\$250,000	Proposed by Consultant team
I67	Blue Creek Rd at Briarwood and Riverfront Park	Add left turn lanes at the two intersections	\$1,000,000	MDT Recommended Projects

¹ Cost estimates based on recent plans/studies/bid items with adjustments for inflation to current year dollars

Table 5.8 Congestion Management Projects

Project ID	Proposed Name	Length (Miles)	Project Description	Estimated Planning-Level Cost ¹	Cost Reference
CM1	Grand Avenue – 3rd St W to 24th St W	2.6	Update signal timing for 10 signals	\$100,000	Proposed by Consultant Team
CM2	Broadwater Avenue – 5th St W to Zimmerman	3.3	Update signal timing for 8 signals	\$80,000	Proposed by Consultant Team
CM3	Central Avenue – 6th St W to Zimmerman	3.2	Update signal timing for 10 signals	\$100,000	Proposed by Consultant Team
CM4	24th St West Signal Improvements	2	Upgrade of signals from King Avenue to Grand Avenue	\$220,000	City of Billings Capital Improvement Program, FY 2019-2023
CM5	27th Street – State Ave to Poly Dr	2.1	Update signal timing for 11 signals	\$110,000	Proposed by Consultant Team
CM6	Main Street – 1st Ave N to Permberton Ln	3.4	Signals	\$218,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM7	Division Street – Broadwater Ave to 4th Ave N	0.3	Update signal timing for 3 signals	\$30,000	Proposed by Consultant Team
CM8	Grand Avenue – 24th St W to Zimmerman	1.2	Update signal timing for 3 signals	\$30,000	Proposed by Consultant Team
CM9	Rimrock Road – 38th St W to 13th St W	2.6	Update signal timing for 5 signals	\$50,000	Proposed by Consultant Team
CM10	15th Street West – Central Ave to Grand Ave	1	Update signal timing for 5 signals	\$50,000	Proposed by Consultant Team
CM11	Wicks Lane – Governors Blvd to Bench Blvd	2	Update signal timing for 5 signals	\$50,000	Proposed by Consultant Team
CM12	State Avenue Signals - Billings	1	Signals	\$45,395	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM13	19th Street West – Monad Rd to Grand Ave	1.5	Update signal timing for 5 signals	\$50,000	Proposed by Consultant Team
CM14	17th Street West – Grand Ave to Rimrock	1	Update signal timing for 5 signals	\$50,000	Proposed by Consultant Team
CM15	Monad Road – 19th St W to 32nd St W	1	Update signal timing for 4 signals	\$40,000	Proposed by Consultant Team
CM16	Governors Boulevard/Hilltop Road – Wicks Ln to Main St	2.4	Update signal timing for 3 signals	\$30,000	Proposed by Consultant Team
CM17	ITS Signage and Advanced Warning System	N/A	Implement a signage and advanced warning system to inform transportation users of crossing delays due to incoming and stopped trains	\$500,000	Proposed by Consultant Team
CM18	Downtown Billings Signal Upgrades (No 27th Street signals)	N/A	Traffic signal controller and signal timing upgrades at 36 signals in the downtown area, excluding 27th Street	\$305,875	Montana Department of Transportation
CM19	Downtown Billings Signal Upgrades	N/A	Traffic signal controller and timing upgrades at 13 signals in downtown	\$316,091	Montana Department of Transportation

CM20	Downtown Billings Signal Upgrades	N/A	Traffic signal controller and timing upgrades in the downtown area	\$3,160,911	Montana Department of Transportation
CM21	S. Billings Boulevard Signal Timing	N/A	Traffic signal controller and timing upgrades at 6 signals on S Billings Blvd.	\$93,000	Montana Department of Transportation
CM22	Citywide Signal Timing	N/A	Traffic signal controller and timing upgrades at 24 signals within Billings	\$372,000	Montana Department of Transportation
CM23	Billings Signal Upgrades	N/A	Signal Optimization	\$320,869	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM24	Lockwood Signals	N/A	Signal Optimization	\$18,948	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM25	Downtown State Signals BLGS		Signals	\$6,522,824	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM26	1st Ave South - ADA (BLGS)		Signals	\$1,830,700	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM27	Zoo Drive Signals		Signals	\$50,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM28	Johnson Lane Signals		Signals	\$12,970	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM29	MDT - MACI	N/A	Statewide CMAQ - Various	\$1,000,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM30	MDT - MACI	N/A	Statewide CMAQ - ADA Compliance	\$1,750,000	Billings Urban Area Transportation Improvement Program, FY 2017-2021
CM31	Traffic Signal Controller Upgrade	N/A		\$3,225,000	City of Billings Capital Improvement Program, FY 2019-2023

¹Cost estimates based on recent plans/studies/bid items with adjustments for inflation to current year dollars

Table 9.8 Pedestrian Projects

Project ID	Proposed Name	Project Description	Estimated Planning-Level Cost	Cost Reference ¹
P1	SRTS - Beartooth	Install a crosswalk on Barrett Road at Linden Drive and install a new sidewalk or multi-use trail along the south side of Barrett and the west side of the alley; install sidewalk along the east side of Bitterroot Drive from Cherry Creek Estates to Wicks Lane with a school crosswalk at Wicks Lane and the access to Emma Jean Estates Subdivision. Installation of sidewalk will likely require private property easements from adjacent landowners; Sign alley adjacent to school one-way northbound.	\$524,621	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P2	SRTS - Bench	Install an east-west sidewalk or trail connection to the north end of school property along Lola Lane. This connection would shorten the walking distance coming from the north on Lake Elmo Drive. Install sidewalks on Rex Lane.	\$102,199	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P3	SRTS - Bitterroot	Construct pedestrian path connection and crossing over the Holling Drain from residential area to the east. (Requires local SID for roadwork). Install sidewalk or pedestrian path along Barrett Road. Installation of sidewalk will likely require private property easements from adjacent landowners. Install fluorescent yellow school crossing signs and ladder-style crosswalk at the multi-use trail crossing on Barrett Road.	\$840,585	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P4	SRTS - Boulder	Install sidewalks and curb and gutter along Boulder Avenue. Consider installing a flasher on the existing school zone speed limit sign. Install sidewalks on Poly Drive west of 32nd Street West.	\$354,289	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P5	SRTS - Eagle Cliffs	Construct a trail connection from the intersection of Constitution Avenue and Kootenai Avenue to Marias Drive. Permission must be obtained from DNRC.	\$115,825	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P6	SRTS - Meadowlark	Install enhanced school crossing with curb extensions or pedestrian refuge island on 32nd Street West near the intersection with St. John's Avenue.	\$144,782	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P7	SRTS - Newman	Install sidewalks where missing along Calhoun Lane. Install sidewalks where missing along east-west side streets.	\$1,140,880	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P8	SRTS - Poly Drive Sidewalk Improvements	Pedestrian Improvements at the Poly Drive and Arvin Road Intersection	\$97,147	Capital Improvement Program, FT 2015 - FY 2019 (8-11)
P9	SRTS - Ponderosa	Improve the landing/pedestrian storage area on the northeast corner of King Avenue East and Hallowell Lane. Reconfigure intersection of Hallowell, Arlington, and school access to reduce pedestrian conflicts and improve traffic operations. Install trail connection and ditch crossing between Kings Green Subdivision and south end of school property. Construct a pedestrian path along King Avenue East.	\$1,192,320	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P10	SRTS - Sandstone	Install sidewalks on neighborhood streets southeast of Babcock Boulevard. Install sidewalks on neighborhood streets north of Wicks Lane. Consolidate crosswalks on Nutter Boulevard in front of school to the north location and restripe as a ladder style crosswalk.	\$1,111,816	Safe Routes to School Study, Phase I & II, 2011 (8-3)

P11	SRTS - Alkali Creek	Install sidewalk along south side of Alkali Creek Road northwest of school. Install sidewalk along Pinon Drive just west of Alkali Creek Road. Install sidewalk along south side of Indian Trail.	\$472,443	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P12	SRTS - Big Sky	Enhance crossing at 32nd Street West and Lampman Drive or move crossing to Granger Avenue and signalize. Perform a signal warrant analysis at 32nd Street West and Granger Avenue. If warranted, move the school crossing from Lampman Drive to Granger and signalize the intersection. Install crosswalk markings on the south leg of the intersection of Monad Road and 36th Street West. Enhance existing crossing on west leg.	\$182,678	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P13	SRTS - Broadwater	Install curb extensions at the intersection of 4th Street West and Wyoming Avenue. Improve loading zone through alley by defining entry to separate from local business, improve sight distance around corner, reducing the exit to a single lane and providing physical separation between the walking area and the parking area.	\$398,427	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P14	SRTS - Burlington	Install curb extensions at the intersection of Lewis Avenue and 22nd Street West. Install signing, striping and curb extensions for midblock crossing on 22nd Street West directly in front of main school entrance and consider requiring students to use this entrance.	\$119,686	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P15	SRTS - Central Heights	Widen sidewalks on Lexington Drive, Alamo Drive, and Pueblo Drive, and install curb extensions at mid-block crossings on Alamo Drive and Lexington Drive. Install curb extensions at intersection of Lexington Drive and Eldorado Drive and marked crosswalk on east leg. Install curb extensions or another form of traffic calming at Santa Fe Drive and Eldorado Drive. Install curb extensions for crosswalk at Monad Road/Monterey Drive.	\$444,096	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P16	SRTS - Highland	Install sidewalks and curb extensions at the intersection of O'Malley Drive and Virginia Lane. Install crosswalks with enhancements to shorten crossing distance at Rimrock Road/Missouri Street and Rimrock Road/Virginia Lane. Install sidewalk and/or a bike lane on Virginia Lane from Rimrock Road to Parkhill Drive.	\$330,710	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P17	SRTS - McKinley	▪ Install pedestrian crossings and enhancements at the intersections of Parkhill Drive/North 32nd Street and 11th Avenue North/North 32nd Street. Install curb extensions at 9th Avenue North/North 31st Street. Install curb extensions at 8th Avenue North/North 31st Street. Install curb extensions at 8th Avenue North/North 32nd Street.	\$403,151	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P18	SRTS - Miles Avenue	Install curb extensions at 16th Street West and Miles Avenue. Install pull-out area along east side of alley to enhance loading zone and move loading away from pedestrian traffic. Sign alley "one-way" northbound, but allow exception for garbage trucks.	\$149,607	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P19	SRTS - Orchard	Install curb extensions and crosswalk enhancements on Jackson Street crossings.	\$129,134	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P20	SRTS - Rose Park	Install curb extensions at 19th Street West/Avenue E; eliminate crosswalk on south leg of this intersection and south leg of Avenue F intersection. Install traffic calming improvements on 19th Street West to slow traffic speeds. Complete curb and sidewalk on Parkhill Drive to provide continuous walking route, including curb extensions at corner; would also prevent most U-turns.	\$305,513	Safe Routes to School Study, Phase I & II, 2011 (8-3)
P21	S 32nd Street Pedestrian Crossing	Install a midblock crossing on S 32nd Street	\$210,000	Engineer's Estimate from Consultant Team
P22	6th Ave Underpass	Pedestrian Improvements to Existing Underpass	\$102,211	South Billings Master Plan, 2012 (8-10)
P23	King Ave Pedestrian Crossings	Seven proposed crossings along King Ave	\$264,992	South Billings Master Plan, 2012 (8-10)

P24	S. Billings Blvd & Simpson St Crossing	Pedestrian crossing treatment to be determined	\$158,995	South Billings Master Plan, 2012 (8-10)
P25	State Ave Pedestrian Crossings	Three proposed crossings along State Ave	\$149,910	South Billings Master Plan, 2012 (8-10)
P26	Moore Ln & Laurel Rd Pedestrian Crossing	Pedestrian crossing treatment to be determined	\$210,000	Engineer's Estimate from Consultant Team
P27	Washington St Pedestrian Crossing	Overpass or underpass crossing of Interstate 90	\$1,680,000	Engineer's Estimate from Consultant Team
P28	1st Ave N/US 87/ Main St (Exposition Dr)	Add pedestrian crossings to existing intersections	\$28,000	Engineer's Estimate from Consultant Team
P29	US 87 Pedestrian Easement	1.0 miles adjacent to Metra Park from Airport Rd to Yellowstone River	\$369,600	Engineer's Estimate from Consultant Team
P30	N 10th St/1st Ave N	Add pedestrian crossings to existing intersection (potential new signal with pedestrian phase)	\$280,000	Engineer's Estimate from Consultant Team
P31	1st Ave N/US 87 Sidewalk	Add 0.7 miles of sidewalks to N 10th Street to Yellowstone River	\$258,720	Engineer's Estimate from Consultant Team
P32	US 87 Sidewalks	Add 0.3 miles of sidewalks to northside of Bridge crossing Yellowstone River	\$110,880	Engineer's Estimate from Consultant Team
P33	Hope Church Sidewalk	New sidewalk and trail improvements along Grand Ave and 56th Street W	\$97,248	Capital Improvement Program, FY 2015 - FY 2019 (8-11)
P34	N 32nd Street Pedestrian Crossing	Install a midblock crossing on N 32nd Street	\$210,000	Engineer's Estimate from Consultant Team
P35	Aronson Ave Sidewalk	Add sidewalk along Aronson Ave south of E Alkali Creek	\$73,920	Engineer's Estimate from Consultant Team
P36	Jackson Street Sidewalks	Construct new 5-foot sidewalk on west side of Jackson/crossing at Orchard	\$216,500	City of Billings CTEP List
P37	Broadwater Elementary School	Install sidewalk, fencing, and landscaping	\$131,290	City of Billings CTEP List
P40	Evaluate re-opening of cut-through path at East Ridge Estates	Cut-through to connect residents to Highway 87 Sidewalk	Unknown	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P41	School Bus Stop Waiting Areas	Lighting for students at bus stops; waiting area so children aren't forced to wait in street due to snow; install curb and gutter to add buffer for pedestrians; install bus stops every other year	\$15,000 each	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P42	Becraft Lane Sidewalk	Path from Old Hardin Rd to Noblewood Drive; serves as Pedestrian Connection to the commercial area at the Old Hardin Rd/Johnson Ln intersection and to Harris Park; path to run along north side of Becraft Lane	\$500,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P43	Piccolo Ln	Five foot concrete curb-walk from Old Harding Rd to Highway 87; serving housing along street and create a pedestrian connection to the IGA convenience store on the southwest corner of the Piccolo Ln/Old Hardin Rd intersection; Piccolo Ln has potential to become neighborhood shareway/greenway or a woonerf	\$250,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P44	Old Hardin Road Sidewalk (Segment 1)	Path from US 87 to Piccolo Lane; path to run on the south side of Old Hardin Rd; possibility of using irrigation canal as a location for a pedestrian path	\$350,000	Lockwood Pedestrian Safety District Non-

				Motorized Transportation Plan (2015)
P45	Old Hardin Road Sidewalk (Segment 2)	Path from Piccolo Lane to Greenwood Avenue; path to run on the south side of Old Hardin Rd; possibility of using irrigation canal as a location for a pedestrian path	\$410,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P46	Old Hardin Road Sidewalk (Segment 3)	Path from Greenwood Avenue to Johnson Lane; path to run on the south side of Old Hardin Rd; possibility of using irrigation canal as a location for a pedestrian path	\$250,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P47	Old Hardin Rd Sidewalk (Segment 4)	Path from Johnson Lane to Noblewood Drive; path to run on the south side of Old Hardin Rd; possibility of using irrigation canal as a location for a pedestrian path	\$625,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P48	Johnson Ln	Path from the I-90 Interchange to Ford Rd; pedestrian connection to Lockwood School and connection to Hillner Park; opportunity to use irrigation canal to construct pedestrian path; path would run along the west side of Johnson Ln from Old Hardin Rd to the irrigation canal, run along the north side of the canal from Johnson Lane to Greenwood Ave, run along the south side of Sunrise Ave, and along the east side of Hemlock Dr	\$587,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P49	Billings Bypass Sidewalk	Current 8-foot shoulder planned; letter submitted to the Yellow County Commission indicating desire for a separated facility parallel to the road to provide pedestrian safety	\$600,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
P50	54th St W Mid-block Crossing	At terminus of multi-use path (north end of Cottonwood Park); mid-block pedestrian-actuated beacon, possibly a pedestrian hybrid beacon (HAWK Signal) or rectangular rapid flashing beacon (RRFB)	Unknown	West End Multimodal Planning Study (2016)
P51	Rimrock Rd/54th St Crosswalk	Crosswalk enhancements; possibly a traffic signal; to connect multi-use paths	Unknown	West End Multimodal Planning Study (2016)
P52	Grand Ave Sidewalk	From west boundary of Foxtail Subdivison to HAWK signal	Unknown	West End Multimodal Planning Study (2016)
P53	Pedestrian Overpass on Main Street	The East End TIFF will determine if adequate funding is available for this project in FY 2019	\$3,500,000	City of Billings Capital Improvement Program, FY 2019-2023

¹ Cost estimates from recent studies when available with adjustments for inflation to current year dollars

Table 9.9 Bicycle Projects

Project ID ¹	Proposed Name	Length (Miles)	Project Description	Estimated Planning-Level Cost	Cost Reference ²
Bicycle Lane Projects					
BL1	38TH ST W	0.5	Bicycle Lane from Rimrock Rd to S of Colin Dr	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL2	RIMROCK RD	2	Bicycle Lane from Poly Dr to Zimmerman Trl	\$129,320	Billings Area Bikeway and Trails Master Plan Update (2017)

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BL3	IRONWOOD DR	0.25	Bicycle Lane from Woodcreek Dr to Molt Rd	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL4	N 10TH ST	0.25	Bicycle Lane from 6th Ave N to 1st Ave N	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL5	1ST AVE N	1.25	Bicycle Lane from N 13th St to N 36th St	\$80,825	Billings Area Bikeway and Trails Master Plan Update (2017)
BL6	MONTANA AVE	0.5	Bicycle Lane from N 18th St to Division St	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL7	11TH AVE N	0.75	Bicycle Lane from N 22nd St to 19th St W	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL8	54TH ST W	0.75	Bicycle Lane from N of Billy Casper Dr to Rimrock Rd	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL9	N 30TH ST	0.25	Bicycle Lane from N 27th St to Virginia Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL10	N 24TH ST	0.5	Bicycle Lane from 1st Ave N to North of 12th Ave N	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL11	N 13TH ST	2.25	Bicycle Lane from N 13th St to State Av	\$145,485	Billings Area Bikeway and Trails Master Plan Update (2017)
BL12	POLY DR	0.25	Bicycle Lane from N 27th St to Virginia Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL13	17TH ST W	1	Bicycle Lane from Rimrock Rd to Yellowstone Ave	\$64,660	Billings Area Bikeway and Trails Master Plan Update (2017)
BL14	N 18TH ST	0.5	Bicycle Lane from 6th ave N to Montana Ave	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL15	COLTON BLVD	1.5	Bicycle Lane from 17th St W to Zimmerman Trl	\$96,990	Billings Area Bikeway and Trails Master Plan Update (2017)
BL16	8TH ST W	1	Bicycle Lane from Azalea Ln to Central Ave	\$64,660	Billings Area Bikeway and Trails Master Plan Update (2017)
BL17	15TH ST W	2.25	Bicycle Lane from Parkhill Dr to King Ave W	\$145,485	Billings Area Bikeway and Trails Master Plan Update (2017)
BL18	N 22ND ST	0.5	Bicycle Lane from 6th Ave N to 12th Ave N	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL19	REHBERG LN	1	Bicycle Lane from Rimrock Rd to Grand Ave	\$64,660	Billings Area Bikeway and Trails Master Plan Update (2017)
BL20	PARKWAY LN	0.25	Bicycle Lane from Laurel Rd to S Billings Blvd	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL21	HIGHWAY 3	3	Bicycle Lane from Shorey Rd to E Airport Rd	\$193,980	Billings Area Bikeway and Trails Master Plan Update (2017)
BL22	N 25TH ST	0.25	Bicycle Lane from 1st Ave N to Montana Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL23	PARKHILL DR	1.5	Bicycle Lane from N 22nd St to 19th St W	\$96,990	Billings Area Bikeway and Trails Master Plan Update (2017)
BL24	MONAD RD	0.5	Bicycle Lane from S Plainview St to S 32nd St W	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL25	2ND AVE N	0.25	Bicycle Lane from N 22nd St to Yellowstone Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL26	JELLISON RD	0.75	Bicycle Lane from Quanta Ln to Aldonna St	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL27	13TH ST W	0.25	Bicycle Lane from Rimrock Rd to Lewis Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)

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BL28	GRANDVIEW BLVD	0.5	Bicycle Lane from N 27th St to Virginia Ln	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL29	24TH ST W	0.25	Bicycle Lane from Country Club Cir to Colton Blvd	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL30	7TH AVE N	0.75	Bicycle Lane from 6th Ave N to N 32nd St	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL31	ROLLING HILLS RD	1.25	Bicycle Lane from Annandale Rd to Uinta Park Dr	\$80,825	Billings Area Bikeway and Trails Master Plan Update (2017)
BL32	32ND ST W	0.5	Bicycle Lane from Poly Dr to Boulder Ave	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL33	N BROADWAY	0.75	Bicycle Lane from 9th Ave N to State Ave	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL34	HIGH SIERRA BLVD	0.25	Bicycle Lane from Siesta Ave to W Wicks Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL35	STATE AVE	1.25	Bicycle Lane from Sugar Ave to Hallowell Ln	\$80,825	Billings Area Bikeway and Trails Master Plan Update (2017)
BL36	S 36TH ST W	0.75	Bicycle Lane from Broadwater Ave to King Ave W	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL37	MONAD RD	1	Bicycle Lane from S Plainview St to S 32nd St W	\$64,660	Billings Area Bikeway and Trails Master Plan Update (2017)
BL38	36TH ST W	0.25	Bicycle Lane from Broadwater Ave to King Ave W	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL39	GABEL RD	1.75	Bicycle Lane from S 24th St W to Hesper Rd	\$113,155	Billings Area Bikeway and Trails Master Plan Update (2017)
BL40	RIMROCK RD	0.25	Bicycle Lane from Normal Ave to Virginia Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL41	LAKE ELMO DR	1.25	Bicycle Lane from Annandale Rd to Uinta Park Dr	\$80,825	Billings Area Bikeway and Trails Master Plan Update (2017)
BL42	SAINT ANDREWS DR	1.75	Bicycle Lane from Gleneagles Blvd to Wicks Ln	\$113,155	Billings Area Bikeway and Trails Master Plan Update (2017)
BL43	S 20TH ST W	0.5	Bicycle Lane from Rimrock Rd to King Ave W	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL44	KING AVE W	0.25	Bicycle Lane from S 15th St W to King Ave W	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL45	S 29TH ST W	0.75	Bicycle Lane from King Ave W to Gabel Rd	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL46	S 19TH ST W	0.5	Bicycle Lane from Rimrock Rd to King Ave W	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL47	N 26TH ST	0.25	Bicycle Lane from 6th Ave N to 3rd Ave N	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL48	6TH AVE S	0.25	Bicycle Lane from S 25th St to State Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL49	6TH AVE S	0.25	Bicycle Lane from S 25th St to State Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL50	OVERLAND AVE	0.5	Bicycle Lane from S 24th St W to Hesper Rd	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL51	GLENEAGLES BLVD	0.5	Bicycle Lane from Black Diamond Rd to W Wicks Ln	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL52	8TH ST W	0.25	Bicycle Lane from Azalea Ln to Central Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)

BL53	S 34TH ST	0.5	Bicycle Lane from 1st Ave S to State Ave	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL54	11TH AVE S	0.25	Bicycle Lane from 9th Ave N to State Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL55	10TH AVE S	0.25	Bicycle Lane from S 29th St to S 28th St	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL56	N 35TH ST	0.25	Bicycle Lane from 2nd Ave N to 1st Ave N	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL57	MULLOWNEY LN	0.5	Bicycle Lane from Midland Rd to Elysian Rd	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL58	HAWTHORNE LN	0.25	Bicycle Lane from Hemingway Ave to Yellowstone River Rd	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL59	BABCOCK BLVD	1	Bicycle Lane from Annandale Rd to Governors Blvd	\$64,660	Billings Area Bikeway and Trails Master Plan Update (2017)
BL60	YELLOWSTONE RIVER RD	0.25	Bicycle Lane from E of Bench Blvd to West of Hansen Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL61	BITTERROOT DR	0.25	Bicycle Lane from Elaine St to Wicks Ln	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL62	13TH ST W	0.25	Bicycle Lane from Rimrock Rd to Lewis Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL63	BENCH BLVD	0.5	Bicycle Lane from Alexander Rd to Hilltop Rd	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL64	MOORE LN	0.5	Bicycle Lane from Rimrock Rd to Monad Rd	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL65	BENCH BLVD	0.25	Bicycle Lane along Bench Boulevard	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL66	ROD AND GUN CLUB RD	0.5	Bicycle Lane from Iron Horse Trl to High Way 3	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL67	HIGHWAY 87 N	0.75	Bicycle Lane from Alexander Rd to Hilltop Rd	\$48,495	Billings Area Bikeway and Trails Master Plan Update (2017)
BL68	HIGH SIERRA BLVD	0.25	Bicycle Lane from Benjamin Blvd to Matador Ave	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL69	S 44TH ST W	0.5	Bicycle Lane from Georgina Dr to Hesper Rd	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL70	N 13TH ST	0.5	Bicycle Lane from 6th Ave N to Minnesota Ave	\$32,330	Billings Area Bikeway and Trails Master Plan Update (2017)
BL71	RIMROCK RD	0.25	Bicycle Lane from Rimrock to 50th St W	\$16,165	Billings Area Bikeway and Trails Master Plan Update (2017)
BL72	Highway 3	3	Bike Lanes from North 27th St to Zimmerman Trail	\$4,500,000 (includes widening costs)	Highway 3 Corridor Study (2015)
BL73	Highway 3	2	Bike Lanes from Zimmerman Trail to Apache Trail	\$2,600,000 (includes widening costs)	Highway 3 Corridor Study (2015)
Bicycle Boulevard Projects					
BB1	Wentworth Drive	1.5	Bicycle route from Annandale Rd to Wicks Ln	\$10,080	Engineer's Estimate from Consultant Team
BB2	Butterfly Lake Lane	1	Bicycle route from Nutter Blvd to Uninta Park Dr	\$6,720	Engineer's Estimate from Consultant Team
BB3	Crist Drive	0.5	Bicycle route from Main St to Yellowstone River Trail	\$3,360	Engineer's Estimate from Consultant Team
BB4	Avenue C	0.5	Bicycle route from 3rd St W to N 32nd St	\$3,360	Engineer's Estimate from Consultant Team

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BB5	15th Street West	2	Bicycle route from Parkhill Dr to Monad Rd	\$13,440	Engineer's Estimate from Consultant Team
BB6	28th Street West	0.5	Bicycle route from Grand Ave to Broadwater Ave	\$3,360	Engineer's Estimate from Consultant Team
BB7	10th Street West	1.5	Bicycle route from Parkhill Dr to Central Ave	\$10,080	Engineer's Estimate from Consultant Team
BB8	Wingate Lane	0.5	Bicycle route from Rimrock Rd to Colton Blvd	\$3,360	Engineer's Estimate from Consultant Team
BB9	12th Street West	1	Bicycle route from Lewis Ave to Central Ave	\$6,720	Engineer's Estimate from Consultant Team
BB10	Simpson Street	1	Bicycle route from Newman Ln to Jackson St	\$6,720	Engineer's Estimate from Consultant Team
BB11	13th Street West	0.5	Bicycle route from Rimrock Rd to Poly Dr	\$3,360	Engineer's Estimate from Consultant Team
BB12	Virginia Lane	0.5	Bicycle route from Rimrock Rd to Poly Dr	\$3,360	Engineer's Estimate from Consultant Team
BB13	Lewis Avenue	0.5	Bicycle route from 24th St W to Parkview Dr	\$3,360	Engineer's Estimate from Consultant Team
BB14	Kootenai Ave/Constitution Avenue	1	Bicycle Boulevard from Calico Ave to Nutter Blvd	\$337,459	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB15	Berthoud Drive/Santa Fe Drive	1	Bicycle Boulevard from Monad Rd to St Johns Ave	\$194,039	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB16	2nd Street West	1	Bicycle Boulevard from Avenue C to Miles Ave	\$230,597	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB17	4th Avenue South	1	Bicycle Boulevard from S 27th St to State Ave	\$258,719	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB18	Avenue D	2	Bicycle Boulevard from 21st St W to Virginia Ln	\$568,056	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB19	Miles Avenue/Terry Avenue	3.5	Bicycle Boulevard from 28th St W to Montana Ave	\$928,013	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB20	Yellowstone Avenue	3	Bicycle Boulevard from 22nd St W to Division St	\$815,526	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB21	North 32nd Street	1	Bicycle Boulevard from Grand Ave to Poly Dr	\$230,597	Billings Bikeway and Trail Master Plan, 2011 (8-2)
BB22	Lyman Ave/Avenue D/Avenue C/9th Ave		Bicycle Boulevard from 7th Ave N to West to Meadowood St	\$244,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB23	24th St W/Arvin Rd		Bicycle Boulevard from Country Club Cir to Colton Blvd	\$133,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB24	Terry Ave/Howard Ave/24th St W		Bicycle Boulevard from Montana Ave to 36th St W	\$68,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB25	Milton/Prince of Wales/Heights Ln/Shawnee Dr/Arronson/Nutter		Bicycle Boulevard from Heights Ln to West of Prince Charles Dr	\$50,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB26	Arronson/Uinta Park Dr/Riley/Cherry Creek Lp		Bicycle Boulevard from Cherry Creek Loop to Governors Blvd	\$44,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB27	Azalea Ln/10th St W/11th St W/Missouri St/Moore Ln		Bicycle Boulevard from Rimrock Rd to Monad Rd	\$75,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB28	S 41st St/Hallowell Ln/Arlington Dr/Carlton Ave SW		Bicycle Boulevard from 1st Ave S to Carlton Ave SW	\$20,000	Billings Area Bikeway and Trails Master Plan Update (2017)

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BB29	4th Ave S/Jackson St		Bicycle Boulevard from S 28th St to King Ave E	\$28,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB30	Avalong Rd/Vickery Dr/Vickery Ct		Bicycle Boulevard from Colton Blvd to Vickery Ct	\$11,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB31	Lampman Dr/Decathlon Pkwy/S 38th St W		Bicycle Boulevard from S 29th St W to S Shiloh Rd	\$12,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB32	Normal Ave/Ash St/Colton Blvd/N 32nd St		Bicycle Boulevard from Rimrock Rd/South of Avenue B	\$19,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB33	Pemberton Ln/Crist Dr/Columbine Dr		Bicycle Boulevard from Mary St/Main St	\$13,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB34	8th Ave S		Bicycle Boulevard from S 28th to S 34th St	\$7,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB35	Yellowstone/Clark		Bicycle Boulevard from Division to 10th St W	\$90,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB36	Constitution/Kootenai		Bicycle Boulevard from Nutter Blvd to West of Amendment Cir	\$20,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB37	12st W		Bicycle Boulevard from Avenue C to South of Kalmar Dr	\$24,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB38	Jerrie Ln/Kyhl Ln/Elaine/Primrose/Maurine		Bicycle Boulevard from East of Walter Rd to Lake Elmo Dr	\$162,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB39	Fantan St		Bicycle Boulevard from Siesta Ave to Wicks Ln	\$7,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB40	2nd St W		Bicycle Boulevard from Avenue C to Montana Ave	\$13,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB41	Simpson St/Moore Ln/Stone St		Bicycle Boulevard from Carlton Ave SW to Moore Ln	\$19,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB42	Cherry Hills/Black Diamond		Bicycle Boulevard from Saint Andrews Dr to Gleneagles Blvd	\$14,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB43	N 14th St		Bicycle Boulevard from Park Pl to 6th Ave N	\$3,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB44	Marias Dr		Bicycle Boulevard from Keno St to Kootenai Ave	\$3,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB45	Piccolo Ln		Bicycle Boulevard from Old Hardin Rd to Highway 87E	\$6,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB46	Hemlock Dr		Bicycle Boulevard from Clayton St to Hillner Ln	\$8,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB47	Bobolink St/Canary Ave		Bicycle Boulevard from Dickie Rd to Old Hardin Rd	\$9,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB48	Constellation Trl/Eagle/Southern Hills/Venus		Bicycle Boulevard from Riveroaks Dr to Saint Andrews Dr	\$15,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB49	Maier Rd		Bicycle Boulevard from Highway 87E Rosebud Ln	\$4,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB50	Sunrise Ave/Greenwood Ave		Bicycle Boulevard from Nutter Blvd to West of Amendment Cir	\$9,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB51	Ironwood Dr/Ben Hogan Ln		Bicycle Boulevard from Molt Rd to 54th St W	\$32,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB52	Shamrock Ln		Bicycle Boulevard from North of Killarney St to Emerald Dr	\$3,000	Billings Area Bikeway and Trails Master Plan Update (2017)

BB53	Sam Snead Trl		Bicycle Boulevard from Ben Hogan Ln to Molt Rd	\$14,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB54	Tampico Dr		Bicycle Boulevard from El Paso St to Baja Pl	\$1,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB55	El Paso St/Tampico Dr		Bicycle Boulevard from Guadeloupe Dr to La Paz Dr	\$6,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB56	Tanglewood Dr/San Marino Dr/La Paz Pl/Mitzi Dr		Bicycle Boulevard from N 13th St to N 36th St	\$9,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB57	Lakewood Ln		Bicycle Boulevard from East of Constellation Trl to Riveroaks Dr	\$125,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB58	Spotted Jack Loop S/Westgate Dr		Bicycle Boulevard from Spotted Jack Loop E to Trailmaster Dr	\$9,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB59	Driftwood Ln/Marie Dr		Bicycle Boulevard from Driftwood Ln to Mitzi Dr	\$12,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB60	Tanglewood Dr/San Marino Dr/La Paz Pl/Mitzi Dr		Bicycle Boulevard from Noblewood Dr to La Paz Dr	\$17,000	Billings Area Bikeway and Trails Master Plan Update (2017)
BB61	58th Street		Construct Low-Stress Roadway from Rimrock Road to Grand Ave	Unknown	West End Multimodal Planning Study (2016)
BB62	66th Street		Construct Low-Stress Roadway from Rimrock Road to Grand Ave	Unknown	West End Multimodal Planning Study (2016)
BB63	60th Street Corridor		Construct Low-Stress Roadway along 60th St corridor	Unknown	West End Multimodal Planning Study (2016)
BB64	52nd Street Corridor		Construct Low-Stress Roadway along 52nd St corridor	Unknown	West End Multimodal Planning Study (2016)
BB65	Monad Road		Construct Low-Stress Roadway Extension of Monad Rd	Unknown	West End Multimodal Planning Study (2016)
BB66	Broadwater Ave		Construct Low-Stress Roadway Extension of Broadwater Ave	Unknown	West End Multimodal Planning Study (2016)
BB67	Colton Blvd		Construct Low-Stress Roadway Extension of Colton Blvd	Unknown	West End Multimodal Planning Study (2016)
Separated or Buffered Bicycle Facility Projects					
BBL1	54th St		Improvements from Rimrock Rd to Grand Ave; could include shoulder widening, protected bicycle lane, or sidepaths	Unknown	West End Multimodal Planning Study (2016)
BBL2	48th St		Improvements from Central Ave to Grand Ave; could include shoulder widening, protected bicycle lane, or sidepaths	Unknown	West End Multimodal Planning Study (2016)
BBL3	Grand Ave		Improvements from 58th St to Shiloh Rd; could include shoulder widening, protected bicycle lane, or sidepaths	Unknown	West End Multimodal Planning Study (2016)
BBL4	Central Ave		Improvements from 56th St to Shiloh Rd; could include shoulder widening, protected bicycle lane, or sidepaths	Unknown	West End Multimodal Planning Study (2016)

¹ BL = Bike Lane Project, BB = Bicycle Boulevard Project, BBL = Buffered Bicycle Lane Project

² Cost estimates from recent studies when available with adjustments for inflation to current year dollars

Table 9.10 Multi-use Trail Projects

Project ID	Proposed Name	Length (Miles)	Project Description	Estimated Planning-Level Cost	Cost Reference ¹
MT1	Audubon Conservation Education Center Connector Trail	0.5	Construct a multi-use trail from ACEC Trails to Mullowney Lane	\$274,017	Engineer's Estimate from Consultant Team
MT2	Audubon Conservation Education Center Trail	0.5	Construct a multi-use trail from Riverfront Park to Josephine Crossing	\$456,695	Engineer's Estimate from Consultant Team
MT3	Alkali Creek Trail	0.5	Extend trail from Swords Park northeast along Alkali Creek or Swords Lane to Main Street Pedestrian Underpass	\$250,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT4	Arnold Drain Trail	0.5	Construct a multi-use trail from Arnold Drain Connector to Grand Ave	\$456,695	Engineer's Estimate from Consultant Team
MT5	Arnold Drain/Shiloh Road Connector Trail	1	Construct a multi-use trail from Broadwater Ave to Shiloh Rd	\$913,390	Engineer's Estimate from Consultant Team
MT6	BNSF Rail with Trail	15	Construct a multi-use trail from MRL Rail with Trail to Highway 3	\$8,220,506	Engineer's Estimate from Consultant Team
MT7	Briarwood to Blue Creek School	1.5	Construct a multi-use trail from Briarwood Blvd to Blue Creek School	\$1,370,084	Engineer's Estimate from Consultant Team
MT8	Briarwood to Pictograph Caves	2.5	Construct a multi-use trail from Briarwood Blvd to Pictograph Caves State Park	\$1,370,084	Engineer's Estimate from Consultant Team
MT9	Canyon Creek	6	Construct a multi-use trail from Zoo Montana to BNSF Rail with Trail	\$3,288,202	Engineer's Estimate from Consultant Team
MT10	Castle Rock	1	Construct a multi-use trail from Governors Blvd to BBWA Canal	\$913,390	Engineer's Estimate from Consultant Team
MT11	Colton Connector	1	Construct a multi-use trail from 32nd St W to 38 St W	\$913,390	Engineer's Estimate from Consultant Team
MT12	Cove Ditch	2	Construct a multi-use trail from Molt Rd to Hogans Slough	\$1,096,067	Engineer's Estimate from Consultant Team
MT13	Downtown - Coulson Park Trail Connection	1	Extend trail from South 25th Street to 8th Ave. South to South 26th Street to Lillian Avenue and Coulson Park Trail	\$1,000,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT14	Four Dances Connector	1	Construct a multi-use trail from Lockwood Trail to Four Dances Natural Area	\$548,034	Engineer's Estimate from Consultant Team
MT15	Heights BBWA	3	Construct a multi-use trail from Aronson Ave to Lake Elmo State Park	\$2,740,169	Engineer's Estimate from Consultant Team
MT16	Heights Upper Loop	4.5	Construct a multi-use trail from Yellowstone River to Alkali Creek Rd	\$4,110,253	Engineer's Estimate from Consultant Team
MT17	High Ditch	4	Construct a multi-use trail from Rimrock West Trail to Hogans Slough	\$2,192,135	Engineer's Estimate from Consultant Team
MT18	Hogans Slough	5.5	Construct a multi-use trail from Shiloh Rd to BNSF Rail with Trail	\$3,014,186	Engineer's Estimate from Consultant Team
MT19	Inner Belt Loop	6.5	Construct a multi-use trail from Governors Blvd to Highway 3	\$5,937,032	Engineer's Estimate from Consultant Team

MT20	King Avenue	1	Construct a multi-use trail from S 44th St W to Hogans Slough	\$913,390	Engineer's Estimate from Consultant Team
MT21	Lockwood	6	Construct a multi-use trail from Interstate-90 to Shiloh Rd	\$5,480,337	Engineer's Estimate from Consultant Team
MT22	Monad	1	Construct a multi-use trail from S 45th St W to Hogans Slough	\$913,390	Engineer's Estimate from Consultant Team
MT23	Monad	2.5	Construct a multi-use trail from BBWA Canal Trail to 48th St W	\$2,283,474	Engineer's Estimate from Consultant Team
MT24	MRL Rail with Trail	9	Construct a multi-use trail from Interstate-90 to Highway 312	\$8,220,506	Engineer's Estimate from Consultant Team
MT25	Rehberg Ranch	1	Construct a multi-use trail from Extension of Existing Trail to Inner Belt Loop	\$913,390	Engineer's Estimate from Consultant Team
MT26	Rimrock Road	1.5	Construct a multi-use trail from 54th St W to Cove Ditch	\$1,370,084	Engineer's Estimate from Consultant Team
MT27	Senators Park	1	Construct a multi-use trail from Aronson Ave to Inner Belt Loop Trail	\$913,390	Engineer's Estimate from Consultant Team
MT28	Snow Ditch	2	Construct a multi-use trail from Shiloh Rd to Big Ditch	\$1,096,067	Engineer's Estimate from Consultant Team
MT29	South Hogans Slough	1	Construct a multi-use trail from Suburban Ditch to MRL Rail with Trail	\$913,390	Engineer's Estimate from Consultant Team
MT30	Spring Creek Extension	1	Construct a multi-use trail from 24th St W to 15th St W	\$913,390	Engineer's Estimate from Consultant Team
MT31	Transtech Connector	0.5	Bring McCail trail segment up to standards and complete connection to Transtech Center Trail at 32nd Street West	\$480,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT32	Two Moon Park to Five Mile Creek	3	Construct a multi-use trail from Kiwanis Trail to Five Mile Creek	\$2,740,169	Engineer's Estimate from Consultant Team
MT33	Western Yellowstone River Trail	5	Construct a multi-use trail from Josephine Crossing Trail to Shiloh Rd Trail	\$4,566,948	Engineer's Estimate from Consultant Team
MT34	Riverfront Park	2.5	Construct a multi-use trail from Mystic Park Trails to Riverfront Park Trails	\$1,500,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT35	Zimmerman	1	Construct a multi-use trail from Highway 3 to Poly Dr	\$913,390	Engineer's Estimate from Consultant Team
MT36	25th Street Railroad Bridge	0.5	Construct a multi-use trail from Montana Avenue to Minnesota Avenue	\$1,700,000	Engineer's Estimate from Consultant Team
MT37	BBWA to Swords Park Trail	5.5	Construct a multi-use trail from Lillis Park to Aronson Ave	\$5,023,643	Engineer's Estimate from Consultant Team
MT38	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	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT39	Downtown BBWA 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 13th/Poly Drive	\$210,000	City of Billings Capital Improvements Project, FY 2015 - FY 2019 (8-11)
MT40	34th Street Pedestrian Bridge	0.25	Construct a multi-use bridge to cross the tracks near 34th Street	\$2,000,000	City of Billings CTEP List

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MT41	44th Street West	0.5	Construct a multiuse bike/pedestrian path along 44th Street from Shiloh Conservation Area to King Avenue West	\$102,000	City of Billings CTEP List
MT42	Heights Middle School Path	0.25	Construct a trail from the Kiwanis trail to New Heights Middle School near Bench and Barrett	\$131,290	City of Billings CTEP List
MT43	6th Avenue N		Multi-use Trail from 6th Avenue Bypass to N 19th St	\$1,062,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT44	BBWA Canal Trail		Multi-use Trail from 6th Avenue N to Transtech Way	\$6,115,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT45	Montana Ave/Underpass Ave		Multi-use Trail from Division St to S Billings Blvd	\$1,509,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT46	Wicks Ln		Multi-use Trail from Gleneagles Blvd to Kiwanis Trail	\$2,351,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT47	Rosebud Ln		Multi-use Trail from Highway 87E to West of Rosebud Ln	\$2,765,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT48	Central Ave North		Multi-use Trail from St Johns Ave to Shiloh Rd	\$340,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT49	N 27th St		Multi-use Trail from Rimrock Rd to Mountain View Blvd	\$312,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT50	Grand Ave		Multi-use Trail from 24th St W to Zimmerman Trl	\$674,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT51	Hesper Rd		Multi-use Trail from East of Shiloh Rd to S Shiloh Rd	\$181,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT52	Highway 87E		Multi-use Trail from Johnson Ln to Old Hardin Rd	\$824,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT53	Central Ave		Multi-use Trail from 24th St W to Shiloh Rd	\$1,152,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT54	24th		Multi-use Trail from Stillwater to South of King Ave W	\$332,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT55	Broadwater Ave		Multi-use Trail from 24th St W to 28th St W	\$505,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT56	1st Ave/Old Hardin Rd/Highway 87E		Multi-use Trail from N 13th St to Hogan Rd	\$6,168,000	Billings Area Bikeway and Trails Master Plan Update (2017)

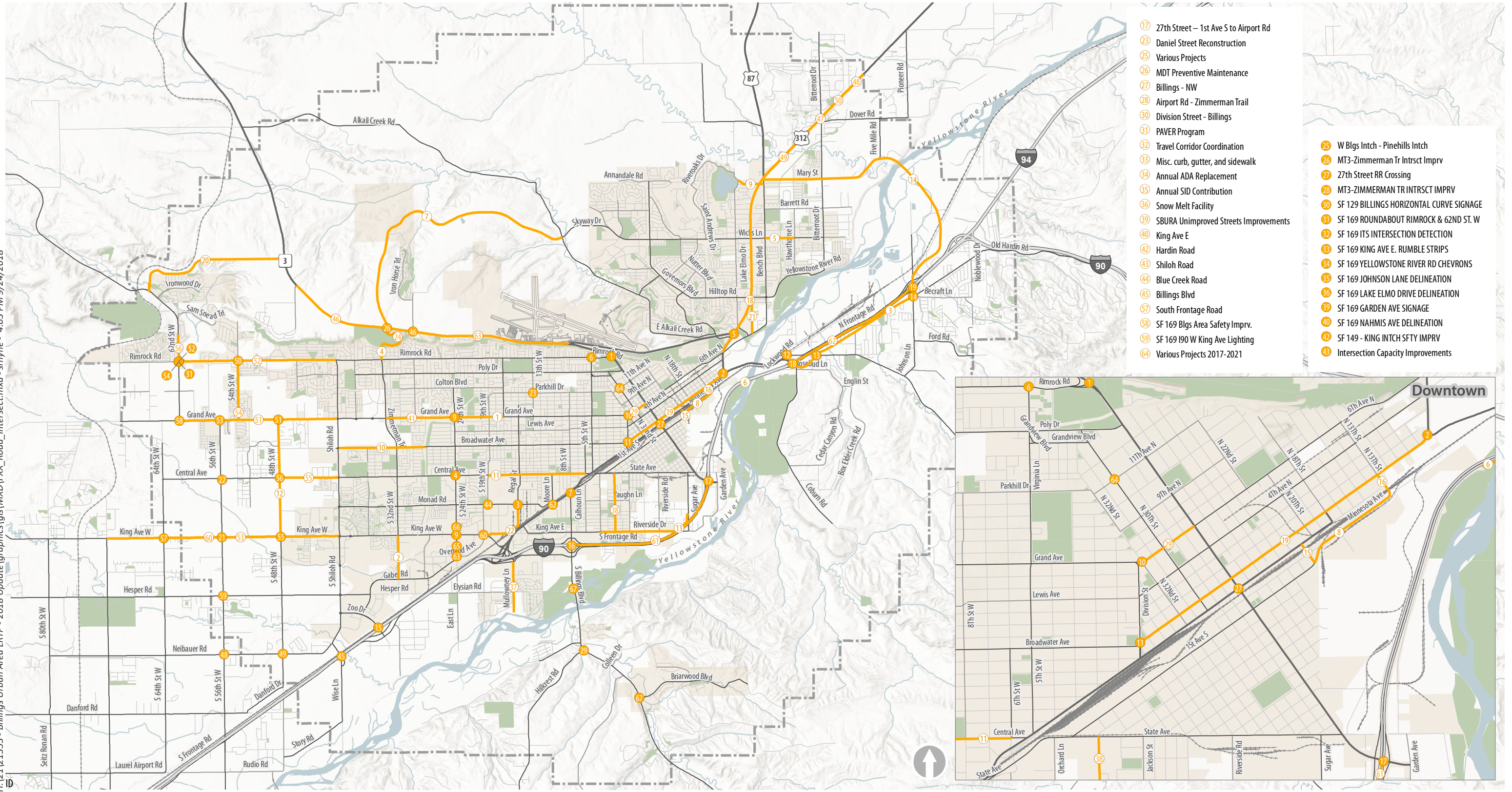
MT57	BBWA Canal Trail North		Multi-use Trail from East of Shadow Heights to Aronsen Ave	\$3,337,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT58	26th St Trail		Multi-use Trail from S 25th St to S 27th St	\$177,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT59	Highway 3		Multi-use Trail from Terminal Cir to Inner Belt Loop	\$1,683,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT60	Gabel Rd		Multi-use Trail from Hesper Rd to Zoo Rd	\$317,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT61	South of Emerald Dr/Sword Ln		Multi-use Trail from Emerald Dr to Sword Lane	\$540,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT62	Rimrock Rd		Multi-use Trail from 54th St W to 66th St W	\$855,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT63	King Ave E		Multi-use Trail from Sugar Ave to King Ave W	\$1,297,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT64	King Ave W/Moland Rd		Multi-use Trail from S 29th St W to S Frontage Rd	\$2,796,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT65	Arnold Drain Trail		Multi-use Trail from 18th St W to 25th St W	\$849,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT66	Chrysalis Acres		Multi-use Trail from Van Buren St to Hallowell Ln	\$75,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT67	Suburban Ditch Trail		Multi-use Trail from Songbird Dr to Mullowney Ln	\$526,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT68	Falcon Ridge		Multi-use Trail; unspecified	\$200,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT69	Kiwanis Trail Corridor		Multi-use Trail from Bitterroot Dr to Mary St	\$559,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT70	Highway 87 Bypass		Multi-use Trail from Roundup Rd to Johnson Ln	\$6,747,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT71	Jim Dutcher Trail		Multi-use Trail from South of Mary St to E&F St	\$1,479,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT72	Mullowney Ln		Multi-use Trail from S Frontage Rd to Story Rd	\$432,000	Billings Area Bikeway and Trails Master Plan Update (2017)

MT73	Terrace Park Trail		Multi-use Trail from High Sierra Blvd to Alkali Creek Rd	\$1,295,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT74	Tania Cir Ditch Trail		Multi-use Trail from Naples St to Bitterroot Dr	\$436,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT75	Colton Blvd		Multi-use Trail from Zimmerman Trl to 36th St W	\$304,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT76	S Billings Blvd/Blue Creek Rd		Multi-use Trail from King Ave S to Glengary Ln	\$3,712,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT77	SE Shiloh Rd/Entryway Dr/Shakelford Ln		Multi-use Trail from East of Mallowney Ln to Shiloh Rd	\$4,450,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT78	Gabel Rd		Multi-use Trail from S 32nd St W to Transtech Way	\$194,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT79	62nd St W		Multi-use Trail from Falcon Ridge Way to Rimrock Rd	\$183,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT80	West Wicks Ln		Multi-use Trail from Annandale Rd to Skyway Dr	\$1,012,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT81	Hesper Rd		Multi-use Trail from East of Majestic Ln to Gabel Rd	\$190,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT82	Alkali Creek Rim Trail		Multi-use Trail from Judicial Ave to Alkali Creek Rd	\$317,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT83	Peters St		Multi-use Trail from Highway 87E to East of Peters St	\$465,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT84	State Ave/S 27th St		Multi-use Trail from 12th Ave S to Garden Ave	\$601,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT85	Railroad/State Ave Trail		Multi-use Trail from 2nd Ave S to Trail near S 24th St W	\$3,225,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT86	Shiloh Rd		Multi-use Trail from Pierce Pkwy to Autumn Ln	\$755,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT87	Zimmerman Trl		Multi-use Trail from Highway 3 to Poly Dr	\$1,308,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT88	Unita Park/Twin Oaks Park		Multi-use Trail from Wicks Ln to Ditch Trail	\$547,000	Billings Area Bikeway and Trails Master Plan Update (2017)

MT89	South of Governors Blvd		Multi-use Trail from W Wicks Ln to Aronson Ave	\$871,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT90	Lockwood Tributary Trail		Multi-use Trail from Old Hardin Rd to Highway 87E	\$1,804,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT91	Central Ave		Multi-use Trail from Shiloh Rd to East of 64th St W	\$1,541,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT92	West of Governors Blvd		Multi-use Trail from South of W Wicks Ln to Constitution Ave	\$219,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT93	Innter Belt Loop Trail		Multi-use Trail from Alkali Creek Rd to Highway 3	\$3,367,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT94	Blue Creek Rd		Multi-use Trail from Colleen Dr to Prestwick Rd	\$430,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT95	Broadwater Ave		Multi-use Trail from Shiloh Rd to unspecified	\$806,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT96	Monad Rd		Multi-use Trail from S 12th St W to Laurel Rd	\$221,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT97	Hogans Slough Trail		Multi-use Trail from S 48th St W to Discovery Dr	\$1,778,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT98	Monad Rd		Multi-use Trail from S Shiloh Rd to East of S 64th St W	\$1,676,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT99	King Ave W		Multi-use Trail from S 44th St W to East of S 72nd St W	\$1,974,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT100	Lockwood Canal		Multi-use Trail from Nobelwood Dr to Hillner Ln	\$2,642,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT101	Coburn Rd		Multi-use Trail from Old Hardin Rd to South extent of Coburn Rd	\$2,921,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT102	Johnson Ln/Highway 87E		Multi-use Trail from Jim Dutchner Trail to Stonehaven Trl	\$5,123,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT103	Krumheuer Dr		Multi-use Trail from Old Hardin Rd to Mitzi Dr	\$497,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT104	Enfield St/Toledo St/La Paz Dr		Multi-use Trail from Becraft Ln to Ford Rd	\$580,000	Billings Area Bikeway and Trails Master Plan Update (2017)

MT105	Ford Rd		Multi-use Trail from East of Eagle Cliff Meadows Rd to Johnson Ln	\$669,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT106	S 52nd St W		Multi-use Trail from North of Rich Ln to South of Onyx Blvd	\$712,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT107	Nobelwood Dr		Multi-use Trail from Old Hardin Rd to Ford Rd	\$1,063,000	Billings Area Bikeway and Trails Master Plan Update (2017)
MT108	Highway 3 Multi-use Trail		Multi-use Trail from N 2th St to Apache Trail along south side of highway; intended to complement natural trails along the Rims; would hug highway right-of-way near private properties	\$2,250,000	Highway 3 Corridor Study (2015)
MT109	Highway 3 Bike/Pedestrian Underpasses		Install bike/pedestrian underpasses as needed for multi-use trail connection across Zimmerman Trail, and north/south connections across Highway 3 for future development	\$500,000 each	Highway 3 Corridor Study (2015)
MT110	Highway 3 Multi-use Trail		Consider future paved multi-use trail on north side of highway as development occurs	\$2,000,000	Highway 3 Corridor Study (2015)
MT111	6th Avenue North Widening		Street widening project for a multi-use path from Main St. to 13th. PAVER funds will be used for the overlay.	\$450,000	City of Billings Capital Improvement Program, FY 2019-2023
MT112	Johnson Lane Multiuse Trail		Connects new trail alignment with Bypass	\$500,000	Lockwood TEDD Infrastructure Master Plan
MT113	Lower Lockwood Irrigation Ditch	n/a	Placing trails in the Lockwood Irrigation Ditch District; lower ditch trail would run from Maier Rd to Rykken Circle and Old Hardin Rd; parallel to Old Hardin Rd, may be an alternate route until solution for Old Hardin Rd can be obtained	\$200,000	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
MT114	Upper Lockwood Irrigation Ditch	n/a	Placing trails in the Lockwood Irrigation Ditch District; upper ditch trail would run from Dickie Rd, past Coburn Rd, and provides an alternative trail alignment for people wishing to connect from the Johnson area to Lockwood School; greatest potential to safely move people from east side of Lockwood urbanized area to the west side; opportunities for tourism route	\$30 per linear foot	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
MT115	Johnson Lane	n/a	Interest from property owners to construct trail corridor linking Johnson Ln at I-90 north to the Yellowstone River	Unknown	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)
MT116	Bicycle Tourist Route	n/a	Route to promote tourism within the LPSD; starting point at Holiday Inn Express; route follows Lockwood Irrigation District canal over to Coburn Rd; route then extends to the Four Dances Natural Area and Pictograph Caves State Park; route could extend to Billings with an Interstate Bridge connection, connecting into the proposed "Marathon Loop"; tourists staying at Holiday Inn Express could potential ride north towards the future Dover Park, connect to the Heights Kiwanis Bike trail, and also tie into the Marathon Loop	Unknown	Lockwood Pedestrian Safety District Non-Motorized Transportation Plan (2015)

¹ Cost estimates from recent studies when available with adjustments for inflation to current year dollars



- 17 27th Street – 1st Ave S to Airport Rd
- 23 Daniel Street Reconstruction
- 25 Various Projects
- 26 MDT Preventive Maintenance
- 27 Billings - NW
- 28 Airport Rd - Zimmerman Trail
- 30 Division Street - Billings
- 31 PAVER Program
- 32 Travel Corridor Coordination
- 33 Misc. curb, gutter, and sidewalk
- 34 Annual ADA Replacement
- 35 Annual SID Contribution
- 36 Snow Melt Facility
- 39 SBURA Unimproved Streets Improvements
- 40 King Ave E
- 42 Hardin Road
- 43 Shiloh Road
- 44 Blue Creek Road
- 45 Billings Blvd
- 57 South Frontage Road
- 58 SF 169 Blgs Area Safety Imprv.
- 59 SF 169 I90 W King Ave Lighting
- 64 Various Projects 2017-2021

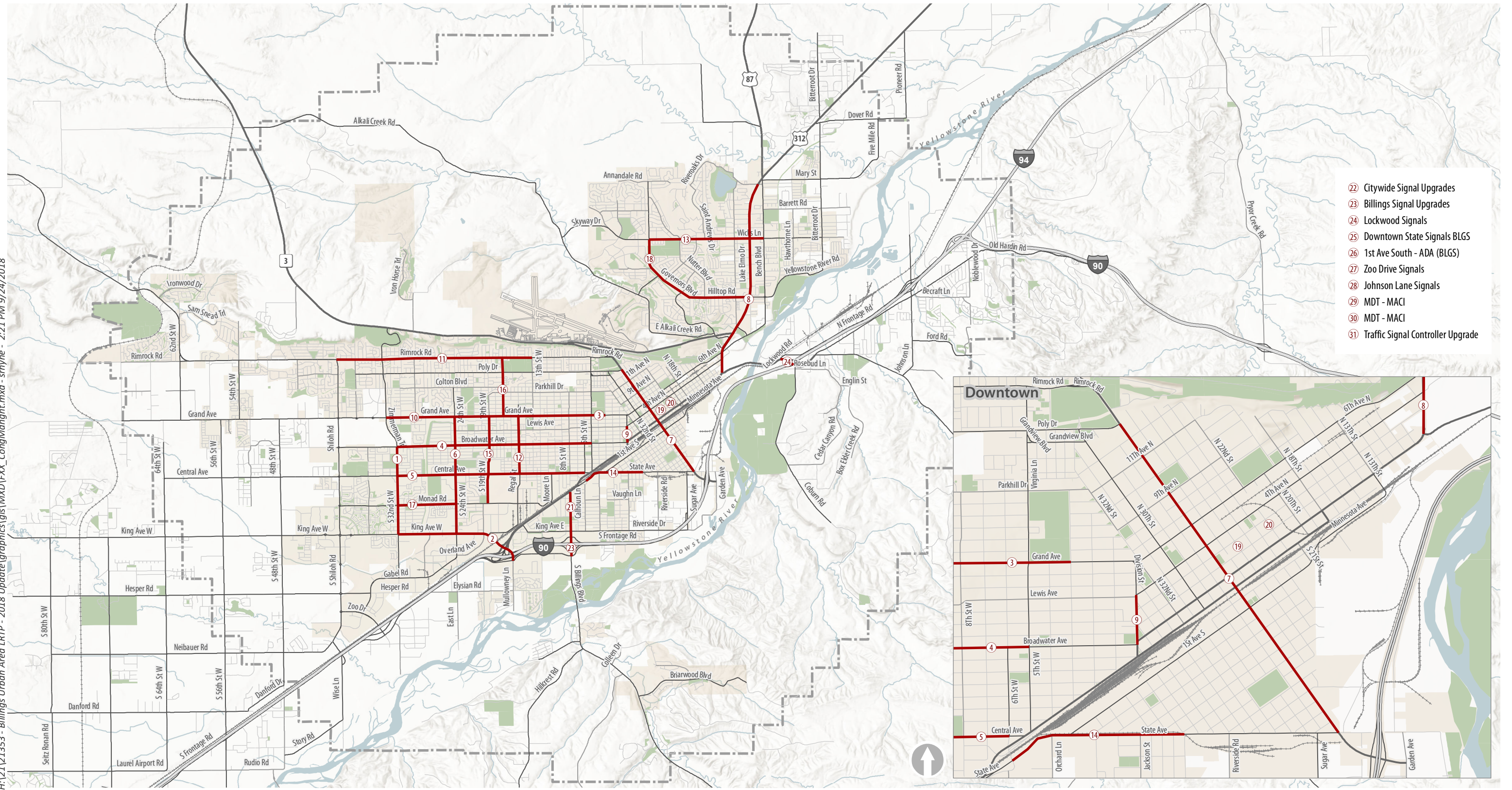
- 25 W Blgs Intch - Pinehills Intch
- 26 MT3-Zimmerman Tr Intrstct Imprv
- 27 27th Street RR Crossing
- 28 MT3-ZIMMERMAN TR INTRSTCT IMPRV
- 30 SF 129 BILLINGS HORIZONTAL CURVE SIGNAGE
- 31 SF 169 ROUNDABOUT RIMROCK & 62ND ST. W
- 32 SF 169 ITS INTERSECTION DETECTION
- 33 SF 169 KING AVE E. RUMBLE STRIPS
- 34 SF 169 YELLOWSTONE RIVER RD CHEVRONS
- 35 SF 169 JOHNSON LANE DELINEATION
- 36 SF 169 LAKE ELMO DRIVE DELINEATION
- 39 SF 169 GARDEN AVE SIGNAGE
- 40 SF 169 NAHMIS AVE DELINEATION
- 42 SF 149 - KING INTCH SFTY IMPRV
- 43 Intersection Capacity Improvements

- Intersection Projects
- Roadway Projects

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Figure XX
Intersection and Roadway Projects

H:\121353 - Billings Urban Area L RTP - 2018 Update\graphics\gis\MXD\FX_CongMangnt.mxd - srhyne - 2:21 PM 9/24/2018



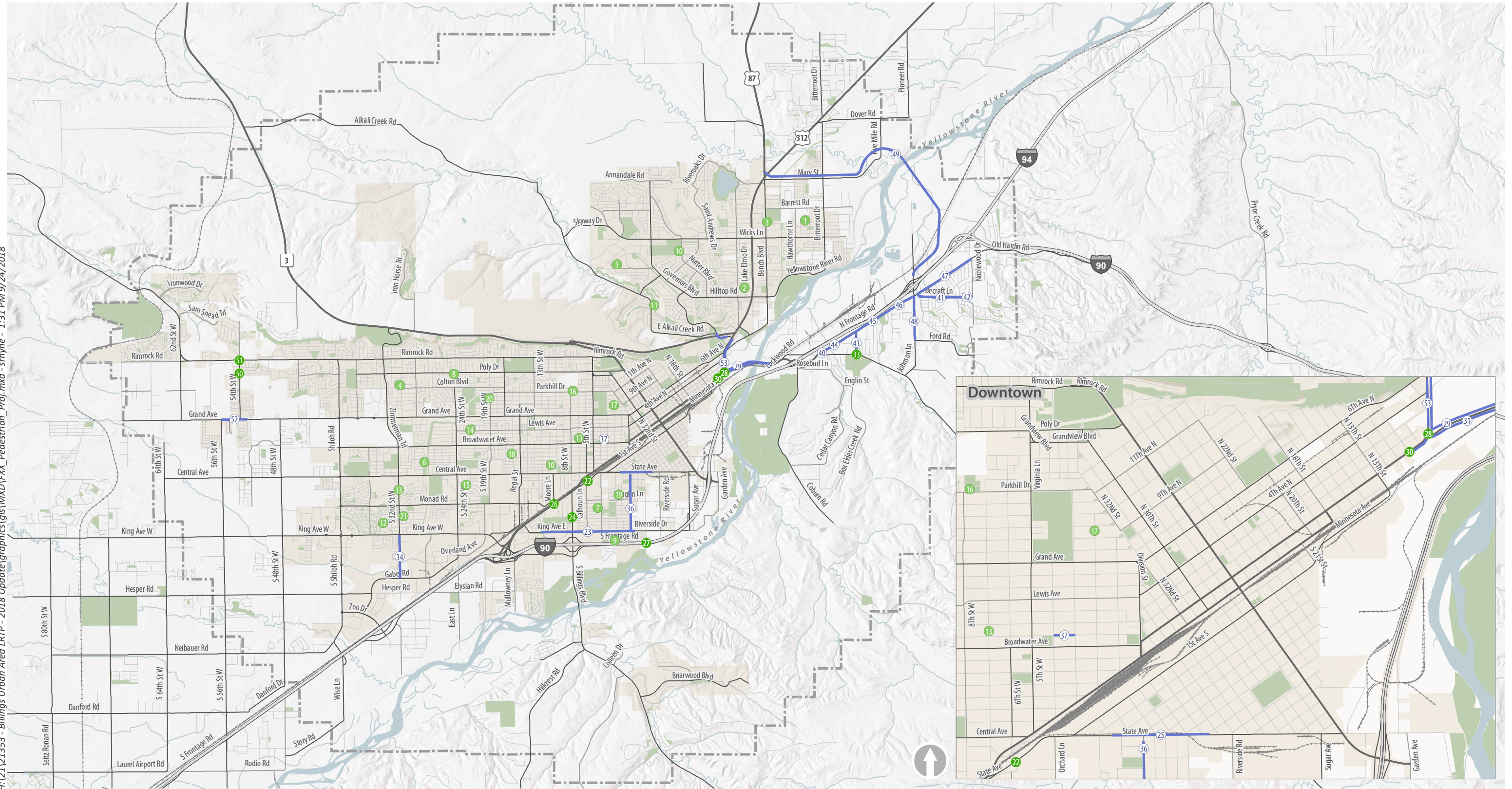
- 22 Citywide Signal Upgrades
- 23 Billings Signal Upgrades
- 24 Lockwood Signals
- 25 Downtown State Signals BLGS
- 26 1st Ave South - ADA (BLGS)
- 27 Zoo Drive Signals
- 28 Johnson Lane Signals
- 29 MDT - MACI
- 30 MDT - MACI
- 31 Traffic Signal Controller Upgrade

— Congestion Management

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Figure XX
Congestion Management Projects

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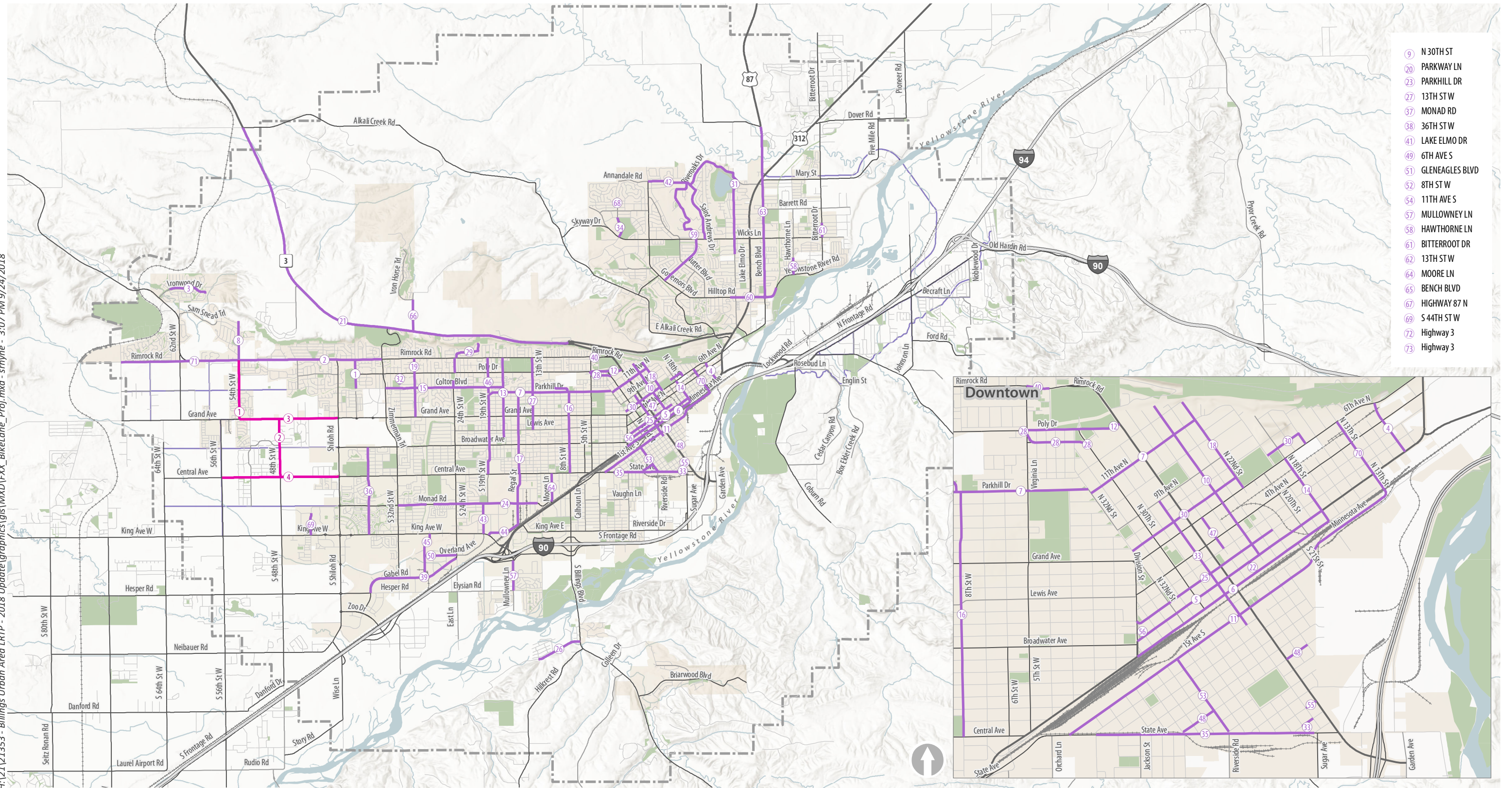


- Pedestrian Crossing
- Safe Routes to Schools
- Pedestrian Projects

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Figure XX
Pedestrian Projects

H:\12121353 - Billings Urban Area L RTP - 2018 Update\graphics\gis\MXD\FX_BikeLane_Proj.mxd - srhyme - 3:07 PM 9/24/2018

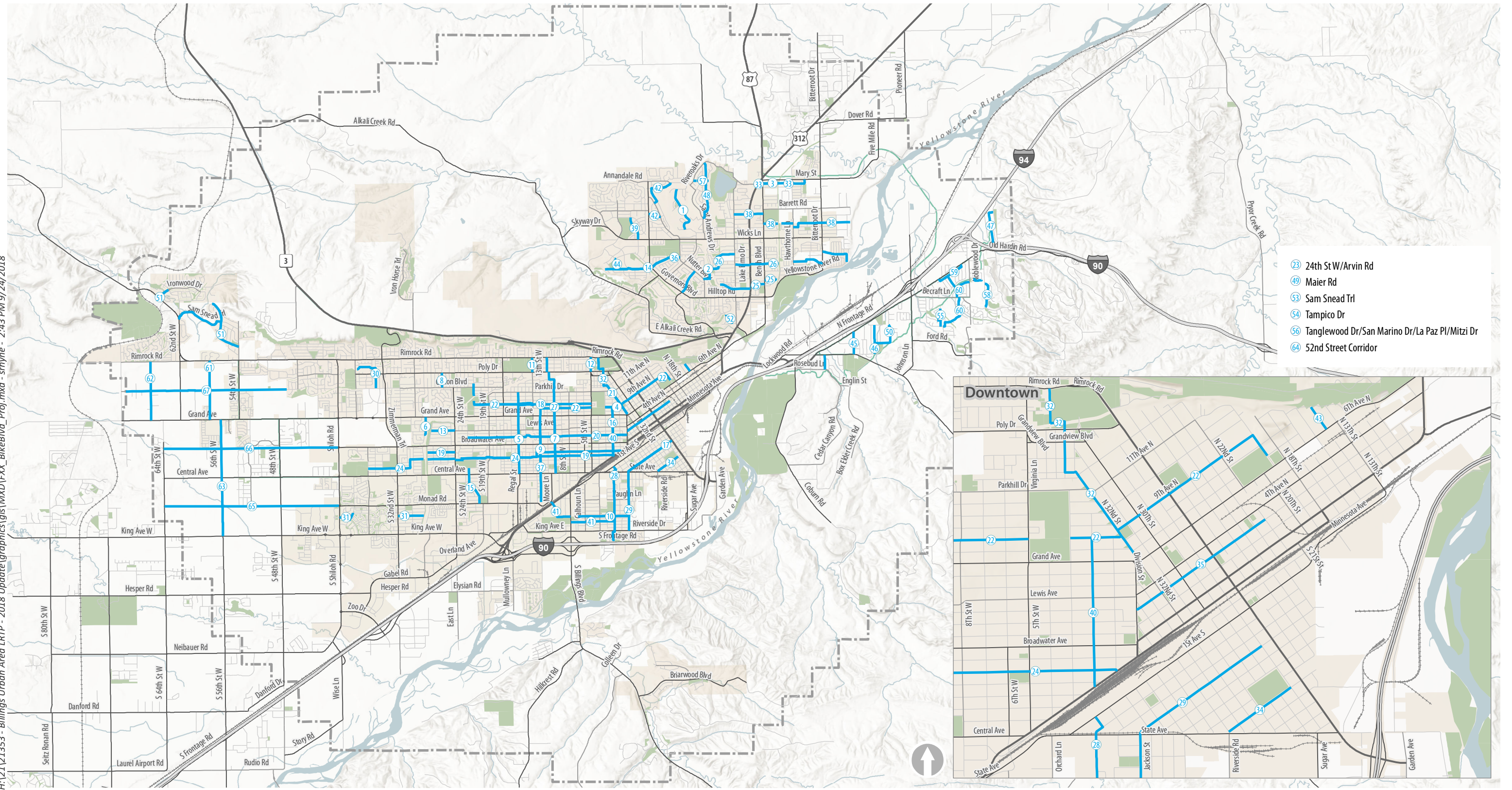


- 9 N 30TH ST
- 20 PARKWAY LN
- 23 PARKHILL DR
- 27 13TH ST W
- 37 MONAD RD
- 38 36TH ST W
- 41 LAKE ELMO DR
- 49 6TH AVE S
- 51 GLENEAGLES BLVD
- 52 8TH ST W
- 54 11TH AVE S
- 57 MULLOWNEY LN
- 58 HAWTHORNE LN
- 61 BITTERROOT DR
- 62 13TH ST W
- 64 MOORE LN
- 65 BENCH BLVD
- 67 HIGHWAY 87 N
- 69 S 44TH ST W
- 72 Highway 3
- 73 Highway 3

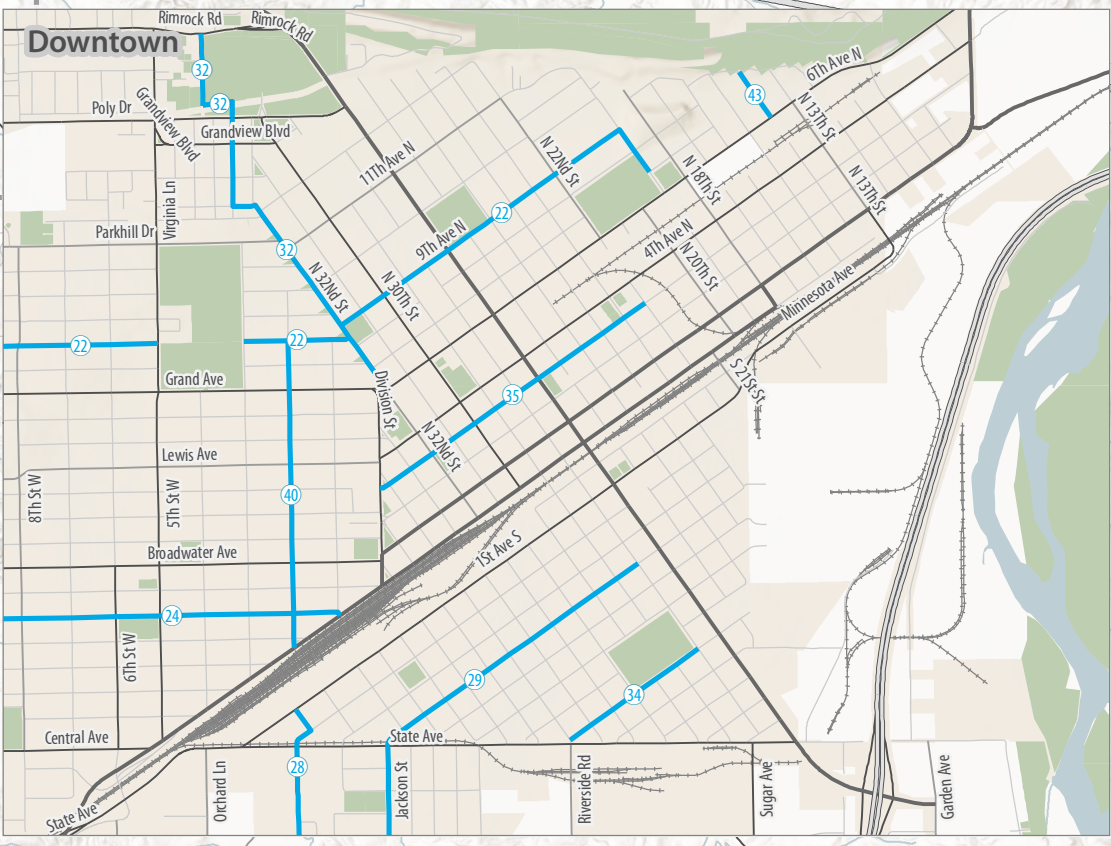
— Bicycle Lane
— Buffered Bike Lane

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Figure XX
 Bicycle Lane and Buffered Bike Projects



- 23 24th St W/Arvin Rd
- 49 Maier Rd
- 53 Sam Snead Trl
- 54 Tampico Dr
- 56 Tanglewood Dr/San Marino Dr/La Paz Pl/Mitzi Dr
- 64 52nd Street Corridor



— Bicycle Boulevard

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Figure XX
Bicycle Boulevard Projects



What zip code do you live in? _____

What modes of transportation do you use? (check all that apply)

- Car/Truck/Motorcycle
- Bike
- Walk
- Public Transportation
- Other: _____

Project Areas

Please rank below the project areas that you would most like to see the MPO prioritize.

Project Area	Rank Top 3 (1, 2, 3)
Roadway	
Intersection	
Congestion Management	
Pedestrian	
Bicycle	
Trail	
Transit	
Freight	
Rail	
Other	

Are there any projects you did not see on the project maps that you would like to see added? Please explain.

Are there any projects you saw on the project maps that you would like to see revised or removed? Please explain.

If you would like to receive project updates, please fill out the information below.

Name: _____

Email: _____

Please leave your completed comment sheet at the sign-in table. If you would like to complete it at a later date, please send it to the YCPB, 2825 3rd Avenue North, 4th Floor, Billings, MT 59101. **While your comments are always welcome, they can be best utilized if received by October 9, 2018.**

Thank you!