



# TRANSPORTATION IMPROVEMENT PROGRAM

Annual and Four Year  
Element for Fiscal Years  
*2016 - 2019*

DRAFT

**Prepared by:**

The Cheyenne Metropolitan Planning Organization

**In cooperation with:**

The Wyoming Department of Transportation

The U. S. Department of Transportation

The Federal Highway Administration

The Federal Transit Administration

*Adopted by the Policy Committee on June 24, 2015*

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# 1 - Introduction

## Background

The Cheyenne Metropolitan Planning Organization (MPO) was established on April 27, 1965 and is responsible for ensuring that federal funds for transportation projects in the urban area are spent in compliance with local government development guidelines and federal regulations.

The Cheyenne MPO was designated for transportation planning purposes by the governor of Wyoming in 1981. The MPO is responsible for developing transportation policies and coordinating the various federal, state, and local agencies involved in long-range transportation planning and project development. The geographic area the MPO is involved with is defined by the Metropolitan Planning Boundary which is the Cheyenne areas twenty-five year socioeconomic growth area.

A comprehensive, cooperative and continuing (3C) planning process is necessary for the Cheyenne MPO to plan for Cheyenne's future transportation needs. A major part of this process involves citizens' input and a three-committee format that produces an ongoing attempt to satisfy present and future travel demands, as well as to provide transportation needs for a growing population and economic base.

The policies for the Cheyenne MPO are established through the *Citizens' Transportation Advisory Committee*, *Technical Committee*, and *Policy Committee*. These committees also help decide how the Federal Planning Funds (PL), 5303 Transit Planning Funds, and Federal Surface Transportation-Urban Program (STP-U) Funds for construction will be spent within the urban area. The committees, as required, develop this Transportation Improvement Program (TIP) to facilitate the "3C" planning process.

## Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21)

On July 6, 2012, President Obama signed into law P.L. 112-141, the Moving Ahead for Progress in the 21st Century Act (MAP-21). Funding surface transportation programs at over \$105 billion for fiscal years (FY) 2013 and 2014, MAP-21 is the first long-term highway authorization enacted since 2005. MAP-21 represents a milestone for the U.S. economy – it provides needed funds and, more importantly, it transforms the policy and programmatic framework for investments to guide the growth and development of the country's vital transportation infrastructure. On May 29, 2015, President Obama signed a 2-month highway funding extension. This will provide infrastructure funding through July 2015. This is the 33rd funding patch since 2008.

MAP-21 creates a streamlined, performance-based, and multimodal program to address the many challenges facing the U.S. transportation system. These challenges include improving

safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery.

MAP-21 builds on and refines many of the highway, transit, bike, and pedestrian programs and policies established in 1991 through the Intermodal Surface Transportation Efficiency Act (ISTEA), and continued through subsequent legislation including TEA-21 in 1998 and SAFETEA-LU in 2005).

Major objectives of the MAP-21 legislation include:

- ***Strengthening America's highways*** by establishing a performance basis to preserve and improve the National Highway Performance Program.
- ***Establishing a performance-based program*** to make more efficient use of Federal transportation funds and increase accountability of Federal highway programs. Performance goals are related to safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays.
- ***Creating jobs and supporting economic growth*** through innovative financing, encouraging private sector investment, and investing in infrastructure improvements.
- ***Supporting the Department of Transportation's aggressive safety agenda*** by doubling funding for infrastructure safety, working to reduce highway fatalities and distracted driving, and improving transit and motor carrier safety.
- ***Streamlining Federal highway transportation programs*** by creating a smaller number of broader core programs and eliminating most current discretionary programs.
- ***Accelerating project delivery and promoting innovation*** in the planning, design, engineering, construction and financing of transportation projects. These MAP-21 changes are based on FHWA's "Every Day Counts" initiative, and are intended to speed up the project delivery process, save time and money for individuals and businesses, and yield broad nationwide benefits.

# 2 - The Transportation Improvement Program

## Introduction

A Transportation Improvement Program (TIP) is a staged, multi-year program of capital transportation improvements including all modes of transportation. The TIP must be updated at least every four years and cover a period of four years. The TIP must include a priority list of projects and at a minimum, group the projects by priority for each year.

The Metropolitan Planning Organization and the State Transportation Department must cooperate in the selection of each project and in the development of the TIP. The frequency and cycle for updating the TIP must be compatible with the State Transportation Improvement Program (STIP) development and approval process. Once approved by the Policy Committee, and upon the approval of the Governor or the Governor's designee, the TIP becomes part of the STIP. Although metropolitan TIPs do not need to be approved by the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA), copies of any new or amended TIPs must be provided to each agency.

In developing the program, the Metropolitan Planning Organization shall provide citizens, affected public agencies, representatives of transportation agency employees, other affected employee representatives, private providers of transportation, and other interested parties with a reasonable opportunity to comment on the proposed program.

The TIP must be financially constrained by year and include a financial plan that demonstrates which projects can be implemented using current revenue sources. The financial plan shall be developed by the MPO in cooperation with the State and the Transit operator. The State is required to provide the MPO with estimates of available Federal and State funds which may be utilized in developing the TIP financial plan.

## TIP Contents

The TIP is a "living document" and can be amended with the approval of the Policy Committee. The TIP focuses on projects that will require four years or fewer to implement. Within the four year span, projects may be delayed or accelerated according to present needs. This flexibility enhances coordination among local and State agencies. Coordination among related projects saves money and decreases disruptions to the transportation system. The TIP is evaluated annually and an annual increment of improvements is added to maintain its full multi-year program.

The TIP does not constitute an appropriation of funds, nor replace the normal funding programs. The TIP is intended to serve as a fiscal management tool to assist State and local agencies with matching needs to resources. All federal projects eligible for placement in the TIP should be consistent with the approved Long Range Master Transportation Plan. An

update to the Cheyenne MPO's comprehensive plan, known as *PlanCheyenne*, was adopted and approved in April, 2014. Federally funded projects found in this TIP originated from PlanCheyenne.

The TIP should contain the following basic elements:

1. All transportation projects, or identified phases of a project, including pedestrian walkways, bicycle transportation facilities, and transportation enhancement projects within the metropolitan planning area proposed for funding under Title 23, U.S.C., and the Federal Transit Act.
2. Projects that are consistent with the adopted and approved Master Transportation Plan.
3. All regionally significant transportation projects for which an FHWA or FTA approval is required, whether or not the projects are to be funded with title 23, U.S.C., or Federal Transit Act funds.

The projects listed in the TIP should also include: a sufficient description of the project; a cost estimate; the amount of federal funds proposed to be obligated during each program year; and identification of the agencies responsible for carrying out the project.

*NOTE: Private developments occasionally have infrastructure and transportation improvements imposed upon them to mitigate their impacts to the public transportation system. The TIP does not include those projects.*

## Project Selection

The evaluation of candidate improvement projects, and the selection of those to be included in the FY '16-'19 TIP are based on the following considerations:

**1 - Project Criterion:** Projects listed in this four-year improvement program are chosen, ideally, using the MAP-21 guiding principles outlined in the Introduction. Through the established planning process a twenty-five year master transportation plan is adopted. This plan prioritizes proposed transportation projects whose completion is desired within a twenty-five year period with regard to financial constraints. In order for federally funded projects to be listed in a TIP they must first be established in the Master Transportation Plan, and for the most part given a high priority.

**2 - Prioritization of Projects:** Once validated as a viable transportation project through the Master Transportation Plan process, the proposed projects are prioritized to assess their relative importance and to determine the appropriate year for project initiation. Considerations are given to compatibility with adopted community goals and objectives and expressed level of need.

New projects listed in the TIP were selected and prioritized by the local agencies by their own selection process. Local projects are further prioritized by the 5<sup>th</sup> and 6<sup>th</sup> Penny Optional Sales Tax public selection process. Projects which are already programmed were not prioritized along with those that are not currently programmed. (Recommended prioritizations of roadways are only a suggestion. Other factors such as funding availability, coordination with other agencies, and political needs may alter when projects actually commence).

**3 - Economic Feasibility of Projects:** This phase of the process consists of an evaluation of each project's cost relative to the community's total transportation needs and resources. The financial plan demonstrates what funding sources will be utilized, and whether there are enough funds allocated to secure all selected projects.

**4 - Public Input:** Cheyenne MPO assures that the citizens in the Cheyenne Area, affected public agencies, representatives of transportation agency employees, private providers of transportation, and other interested parties will have an opportunity to comment on the proposed TIP before adoption. The Cheyenne MPO Technical Committee approved the proposed TIP at their regular meeting held May 20, 2015. The Cheyenne MPO Citizens' Advisory Committee approved the proposed TIP at their regular meeting held May 21, 2015. The TIP was presented to the City Planning Commission on June 15 for the official advertised public input. The projects were presented to County Planning Commission on June 25. An advertisement for the TIP availability and presentation to the City and County Planning Commission and approval at the Policy Committee was placed in the Wyoming Tribune Eagle on June 10 and 14. In addition, the Cheyenne Transit Program held their own Public Meeting on \_\_\_\_\_, 2014 to discuss their FY '13-'14 FTA Grant application and three year program. At the Planning Commission meetings held on June 15 and 25, the Planning Commission members had general questions on a few topics, but no major issues were raised.

**5 - Other Considerations:** In terms of selecting a project for construction, the MAP-21 provides additional flexibility within the four year period on a TIP. Any project identified within the initial four year period may be accelerated or delayed based on current funds, needs, or priorities. If a newly identified federally funded project is to be considered for placement in the TIP, it must be presented to the transportation planning committees for their approval, placed into the Master Transportation Plan, and then added to the TIP. If approved, an amendment is then placed on the existing TIP to identify the newly advanced project.

## Approval

After approval by the Cheyenne MPO Policy Committee, the Transportation Improvement Program is presented to the Wyoming Department of Transportation for inclusion in the State Transportation Improvement Program. The STIP is then sent to the Governor of the State for approval.



# 3 - Recommended Projects and Programs

The following sections summarize the projects prioritized for advancement during the four to five year planning period of the TIP.

**TABLE 1** summarizes projects which were listed in past TIPs. Construction is scheduled to begin on these projects during the spring and summer of 2015. They are provided here for information only.

**TABLE 2** summarizes the **federally funded** transportation-related projects which have been offered by the different agencies for construction, reconstruction or other various types of activity in Fiscal Year '16.

**TABLE 3** summarizes the transportation-related projects which have been offered by the different agencies for construction, reconstruction or other various types of activity in Fiscal Year '16, which **are not funded** by the Federal Government.

**TABLE 4** summarizes by agency all the transportation-related projects in the Metropolitan Planning Area which are scheduled to be completed during the four year period. Spring and summer 2015 projects are included for information only.

**TABLE 5** summarizes the projected funds which will be made available to the different agencies for transportation projects. This financial plan is provided to show that projected projects do not exceed projected revenues.

**TABLES 6** lists the Pavement Management System (PMS) projects the City intends to conduct during 2015.

**Appendix A** explains the abbreviations used in the Funding Source column.

**Appendix B** includes maps showing project locations.

**Appendix C** is the MPO "Self-Certification" Statement.

*Note: The Transportation Planning Process Committees have reviewed these projects and have concurred with the priorities assigned by the various agencies.*

**TABLE 1**

FY `15 Projects Beginning During the Spring and Summer of 2015  
(for Information Only)

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**TABLE 2**

FY `16 Highest Priority Federally Funded Projects  
for the Cheyenne Urban Area

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**TABLE 3**

FY `16 Highest Priority State and Local Funded Projects  
for the Cheyenne Urban Area

DRAFT

**TABLE 4**  
FY '16 - '19 Project Listing

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TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding:	2015	2016	2017	2018	2019	5 Year TIP
	CITY	<b>Pedestrian Crossing Allison South and Johnson</b>								
		Construction	F	TAP						\$0
		Construction	L	CITY						\$0
		<b>Total Federal Funds:</b>								\$0
		<b>Total:</b>								\$0
14	CITY	<b>West Cheyenne Greenway Extension</b>								
		MLK Jr. Park to I-25 Design	L	CITY		\$40,000				\$40,000
		MLK Jr. Park to Westland Rd	L	CITY			\$225,000			\$225,000
		<b>Total Federal Funds:</b>								
		<b>Total:</b>				\$40,000	\$225,000			\$265,000
17	CITY	<b>South Cheyenne Greenway</b>								
		Cribbon: I-80 to Allison; Partoyan to Deming	L	CITY			\$225,000			\$225,000
		<b>Total Federal Funds:</b>								
		<b>Total:</b>					\$225,000			\$225,000
19	CITY	<b>North Cheyenne Greenway - Powderhouse: Storey to Gardenia; Converse: Grandview to Mason Way</b>								
		Construction	L	CITY			\$220,000			\$220,000
		<b>Total Federal Funds:</b>								
		<b>Total:</b>					\$220,000			\$220,000
	CITY	<b>Saddle Ridge Greenway Connector</b>								
		Construction	F	TAP	\$275,000					\$275,000
		Construction	L	CITY	\$55,000					\$55,000
		<b>Total Federal Funds:</b>			\$275,000					
		<b>Total:</b>			\$330,000					\$330,000
	CITY	<b>BNSF Rail Trail</b>								
		Construction	F	TAP		\$200,000				\$200,000
		Construction	L	CITY		\$50,000				\$50,000
		<b>Total Federal Funds:</b>				\$200,000				
		<b>Total:</b>				\$250,000				\$250,000

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding:	2015	2016	2017	2018	2019	5 Year TIP	
6	CITY	<b>The Christensen Project: A Bridge to Prosperity:</b> Construction of Christensen Road between Commerce Circle and US 30, to include a bridge over the Union Pacific.									
		Construction	F	TIGER	\$8,831,925						\$8,831,925
		Construction	F	STPU	\$1,500,000						\$1,500,000
		Construction	S	WBC	\$3,000,000						\$3,000,000
		Construction	P	PRIVATE	\$375,000						\$375,000
		Construction	L	CITY/COUNTY	\$225,000						\$225,000
		Construction	L	CITY/COUNTY	\$158,000						\$158,000
		Construction	L	BOPU	\$529,100						\$529,100
<b>Total Federal Funds:</b>					\$10,331,925					\$10,331,925	
<b>Total:</b>					\$14,619,025					\$14,619,025	
CITY	CITY	<b>Evers Blvd., Bishop to Vandehel</b>									
		Planning	F	MPO	\$80,000						\$80,000
		Design	L	5th Penny				\$500,000			\$500,000
		Design	L	WATER		\$100,000	\$512,500				\$612,500
		Construction	L	5th Penny					\$3,500,000		\$3,500,000
		Construction	L	SEWER		\$248,000	\$1,240,000				\$1,488,000
<b>Total Federal Funds:</b>					\$80,000		\$0	\$0		\$80,000	
<b>Total:</b>					\$80,000		\$500,000	\$3,500,000		\$4,080,000	
CITY	CITY	<b>Campstool &amp; Dry Creek Culverts</b>									
		Construction	L	5th Penny		\$110,000					\$110,000
		<b>Total Federal Funds:</b>					\$0				\$0
<b>Total:</b>					\$110,000					\$110,000	
CITY	CITY	<b>Traffic Signal Fiber Optics</b>									
		Phase 1	L	5th Penny		\$100,000					\$100,000
		Phase 1	S	WYDOT		\$20,000					\$20,000
		Phase 2	L	5th Penny			\$50,000				\$50,000
		<b>Total Federal Funds:</b>					\$0	\$0	\$0	\$0	
<b>Total:</b>					\$120,000	\$50,000	\$0	\$0		\$170,000	
CITY	CITY	<b>Fox Farm &amp; Stanfield Drainage Improvements</b>									
		Construction	L	5th Penny		\$100,000					\$100,000
		<b>Total Federal Funds:</b>					\$0				\$0
<b>Total:</b>					\$100,000					\$100,000	

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding:	2015	2016	2017	2018	2019	5 Year TIP
CITY		<b>19th Street Rehabilitation: Phase 1, Warren to Morrie; Phase 2, Crow Creek to Warren</b>								
		Design	L	5th Penny	\$280,271					\$280,271
		Design	L	BOPU	\$95,266					\$95,266
		Construction Ph. 1	L	5th Penny		\$2,327,618				\$2,327,618
		Construction Ph. 1	L	BOPU		\$986,773				\$986,773
		Construction Ph. 2	L	5th Penny			\$3,200,000			\$3,200,000
		Construction Ph. 2	L	BOPU			\$1,000,000			\$1,000,000
		<b>Total Federal Funds:</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>
		<b>Total:</b>			<b>\$375,537</b>	<b>\$3,314,391</b>	<b>\$4,200,000</b>			<b>\$7,889,928</b>
CITY		<b>24th St. Signal Replacements (Pioneer, Carey, Evans)</b>								
		Design	L	5th Penny		\$20,000				\$20,000
		Construction	L	5th Penny		\$450,000				\$450,000
		<b>Total Federal Funds:</b>				<b>\$0</b>				<b>\$0</b>
		<b>Total:</b>				<b>\$470,000</b>				<b>\$470,000</b>
CITY		<b>Signal Replacements (tbd)</b>								
		Design	L	5th Penny				\$15,000		\$15,000
		Construction	L	5th Penny				\$400,000		\$400,000
		<b>Total Federal Funds:</b>						<b>\$0</b>		<b>\$0</b>
		<b>Total:</b>						<b>\$415,000</b>		<b>\$415,000</b>
CITY		<b>Widen Converse between Dell Range and Ogden</b>								
		Design	L	5th Penny					\$200,000	\$200,000
		<b>Total Federal Funds:</b>							<b>\$0</b>	<b>\$0</b>
		<b>Total:</b>							<b>\$200,000</b>	<b>\$200,000</b>
CITY		<b>Lake Minnehaha Phase 2/Holiday Basin Phase 1</b>								
		Design	S	SLIB	\$200,000					\$200,000
		Construction	S	SLIB		\$2,300,000				\$2,300,000
		<b>Total Federal Funds:</b>			<b>\$0</b>	<b>\$0</b>				<b>\$0</b>
		<b>Total:</b>			<b>\$200,000</b>	<b>\$2,300,000</b>				<b>\$2,500,000</b>
CITY		<b>STREET AND PAVEMENT WORK</b>								
		Construction	L	CITY	\$4,350,000	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000	\$22,550,000
		Construction	L	RESERVES	\$1,500,000					\$1,500,000
		<b>Total Federal Funds:</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
		<b>Total:</b>			<b>\$5,850,000</b>	<b>\$4,550,000</b>	<b>\$4,550,000</b>	<b>\$4,550,000</b>	<b>\$4,550,000</b>	<b>\$24,050,000</b>



TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding:	2015	2016	2017	2018	2019	5 Year TIP
CITY		<b>1% CONSTRUCTION MANAGEMENT AND ADMINISTRATION</b>								
		Construction	L	CITY	\$475,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,675,000
		<b>Total Federal Funds:</b>								\$0
		<b>Total:</b>			\$475,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,675,000
CITY		<b>STORMWATER DRAINAGE MAINTENANCE AND REPAIR PROJECTS</b>								
		Construction	L	CITY	\$500,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,700,000
		<b>Total Federal Funds:</b>								\$0
		<b>Total:</b>			\$500,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,700,000
CITY		<b>LOGAN - NATIONWAY TO PERSHING (19TH - HUGUR TO LOGAN INCLUDED)</b>								
		Design	L	CITY		\$240,000				\$240,000
		Construction	L	CITY		\$2,900,000				\$2,900,000
		Design	L	WATER	\$72,623					\$72,623
		Design	L	SEWER	\$25,516					\$25,516
		Construction	L	WATER		\$1,540,000				\$1,540,000
		Construction	L	SEWER		\$542,500				\$542,500
		<b>Total Federal Funds:</b>								\$0
		<b>Total:</b>			\$98,139	\$5,222,500				\$5,320,639
<b>CITY TOTALS</b>					<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
		<b>Total Federal Funds:</b>			\$10,686,925	\$200,000	\$0	\$0	\$0	\$10,886,925
		<b>Total State Funds:</b>			\$3,200,000	\$2,320,000	\$0	\$0	\$0	\$5,520,000
		<b>Total Local Funds:</b>			\$8,265,776	\$15,404,891	\$12,322,500	\$6,565,000	\$9,350,000	\$51,908,167
		<b>Total:</b>			\$22,152,701	\$17,924,891	\$12,322,500	\$6,565,000	\$9,350,000	\$68,315,092

TABLE 4 FY 2015 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source	2015	2016	2017	2018	2019	5 Year TIP			
TRANSIT		TRANSIT BUSES	Other	F	FTA	\$324,000	\$325,600	\$341,880	\$358,974	\$376,923	\$1,727,377		
			Other	L	MATCHTRAN	\$81,000	\$81,400	\$85,470	\$89,744	\$94,231	\$431,844		
			<b>Total Federal Funds:</b>					<b>\$324,000</b>	<b>\$325,600</b>	<b>\$341,880</b>	<b>\$358,974</b>	<b>\$376,923</b>	<b>\$1,727,377</b>
			<b>Total:</b>					<b>\$405,000</b>	<b>\$407,000</b>	<b>\$427,350</b>	<b>\$448,718</b>	<b>\$471,153</b>	<b>\$2,159,221</b>
TRANSIT		UPGRADE/BUILD BUS STOPS	Other	F	FTA		\$176,000				\$176,000		
			Other	L	MATCHTRAN		\$44,000				\$44,000		
			<b>Total Federal Funds:</b>						<b>\$176,000</b>				<b>\$176,000</b>
			<b>Total:</b>						<b>\$220,000</b>				<b>\$220,000</b>
TRANSIT		SURVEILLANCE UPGRADE	Other	F	FTA		\$56,000				\$56,000		
			Other	L	MATCHTRAN		\$14,000				\$14,000		
			<b>Total Federal Funds:</b>						<b>\$56,000</b>				<b>\$56,000</b>
			<b>Total:</b>						<b>\$70,000</b>				<b>\$70,000</b>
TRANSIT		FAREBOXES	Other	F	FTA		\$237,600				\$237,600		
			Other	L	MATCHTRAN		\$59,400				\$59,400		
			<b>Total Federal Funds:</b>						<b>\$237,600</b>				<b>\$237,600</b>
			<b>Total:</b>						<b>\$297,000</b>				<b>\$297,000</b>
TRANSIT		ELECTRONIC PRE-TRIP EQUIPMENT	Other	F	FTA			\$8,000			\$8,000		
			Other	L	MATCHTRAN			\$2,000			\$2,000		
			<b>Total Federal Funds:</b>							<b>\$8,000</b>			<b>\$8,000</b>
			<b>Total:</b>							<b>\$10,000</b>			<b>\$10,000</b>
TRANSIT		TRAINING CENTER	Other	F	FTA			\$200,000			\$200,000		
			Other	L	MATCHTRAN			\$50,000			\$50,000		
			<b>Total Federal Funds:</b>							<b>\$200,000</b>			<b>\$200,000</b>
			<b>Total:</b>							<b>\$250,000</b>			<b>\$250,000</b>

TABLE 4 FY 2015 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source	2015	2016	2017	2018	2019	5 Year TIP
TRANSIT		GENERAL OPERATING ASSISTANCE & CAPITAL								
		Other	F	FTA	\$945,376	\$964,284	\$983,569	\$1,003,241	\$1,023,305	\$4,919,775
		Other	S	Section IIIB	\$6,350	\$6,350	\$6,350	\$6,350	\$6,350	\$31,750
		Other	S	Section 5311	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$550,000
		Other	L	MATCHTRAN	\$758,661	\$773,834	\$789,311	\$805,097	\$821,199	\$3,948,102
<b>Total Federal Funds:</b>					<b>\$945,376</b>	<b>\$964,284</b>	<b>\$983,569</b>	<b>\$1,003,241</b>	<b>\$1,023,305</b>	<b>\$4,919,775</b>
<b>Total:</b>					<b>\$1,820,387</b>	<b>\$1,854,468</b>	<b>\$1,889,230</b>	<b>\$1,924,688</b>	<b>\$1,960,854</b>	<b>\$9,449,627</b>
<b>TRANSIT TOTALS</b>					<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
<b>Total Federal Funds:</b>					<b>\$1,269,376</b>	<b>\$1,759,484</b>	<b>\$1,533,449</b>	<b>\$1,362,215</b>	<b>\$1,400,228</b>	<b>\$7,324,751</b>
<b>Total State Funds:</b>					<b>\$116,350</b>	<b>\$116,350</b>	<b>\$116,350</b>	<b>\$116,350</b>	<b>\$116,350</b>	<b>\$581,750</b>
<b>Total Local Funds:</b>					<b>\$839,661</b>	<b>\$855,234</b>	<b>\$874,781</b>	<b>\$894,841</b>	<b>\$915,430</b>	<b>\$4,379,946</b>
<b>Total:</b>					<b>\$2,225,387</b>	<b>\$2,731,068</b>	<b>\$2,524,580</b>	<b>\$2,373,405</b>	<b>\$2,432,008</b>	<b>\$12,286,448</b>

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP	
42	COUNTY	<b>SAFE ROUTES TO SCHOOL AFFLERBACH:</b> Design and construction of a school walking path from South Fork Mobile Home Park to Afflerbach Elementary along Ave B2 ROW	Construction	F   SRTS	\$200,000					\$200,000	
			<b>Total Federal Funds:</b>				\$200,000				\$200,000
			<b>Total:</b>				\$200,000				\$200,000
35	COUNTY	<b>WEST ALLISON ROAD RECONSTRUCTION:</b> Design and reconstruction of Allison Road between Walterscheid and South Greeley Highway	Construction	F   STPU		\$1,711,333				\$1,711,333	
			Construction	L   CRF		\$136,475				\$136,475	
			<b>Total Federal Funds:</b>					\$1,711,333			\$1,711,333
			<b>Total:</b>					\$1,847,808			\$1,847,808
<b>COUNTY TOTALS</b>					<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>	
<b>Total Federal Funds:</b>					\$200,000	\$1,711,333	\$0	\$0	\$0	\$1,911,333	
<b>Total State Funds:</b>					\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total Local Funds:</b>					\$0	\$136,475	\$0	\$0	\$0	\$136,475	
<b>Total:</b>					\$200,000	\$1,847,808	\$0	\$0	\$0	\$2,047,808	

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP		
AIRPORT BOARD		2015 Aviation Encouragement	Administration	S	SMatchAir	\$5,000					\$5,000	
			<b>Total Federal Funds:</b>					<b>\$0</b>				<b>\$0</b>
			<b>Total:</b>					<b>\$5,000</b>				<b>\$5,000</b>
AIRPORT BOARD		Seal Coat and Mark Airside Pavements	Administration	S	SMatchAir	\$315,000					\$315,000	
			Administration	L	Airport	\$35,000					\$35,000	
			<b>Total Federal Funds:</b>					<b>\$0</b>				<b>\$0</b>
			<b>Total:</b>					<b>\$350,000</b>				<b>\$350,000</b>
AIRPORT BOARD		Construct Commercial Apron	Administration	F	FAA		\$3,925,000				\$3,925,000	
			Administration	S	SMatchAir		\$157,000				\$157,000	
			Administration	L	Airport		\$104,667				\$104,667	
			<b>Total Federal Funds:</b>					<b>\$3,925,000</b>				<b>\$3,925,000</b>
			<b>Total:</b>					<b>\$4,186,667</b>				<b>\$4,186,667</b>
AIRPORT BOARD		TERMINAL CONSTRUCTION	Construction	F	FAA		\$1,150,000				\$1,150,000	
			Construction	S	SMatchAir		\$2,790,500				\$2,790,500	
			Construction	L	Airport		\$9,761,167				\$9,761,167	
			<b>Total Federal Funds:</b>					<b>\$1,150,000</b>				<b>\$1,150,000</b>
<b>Total:</b>					<b>\$13,701,667</b>				<b>\$13,701,667</b>			
AIRPORT BOARD		Relocate Distance Remaining Signs & Remove Arrester Barrier	Administration	S	SMatchAir		\$198,000				\$198,000	
			Administration	L	Airport		\$22,000				\$22,000	
			<b>Total Federal Funds:</b>					<b>\$0</b>				<b>\$0</b>
			<b>Total:</b>					<b>\$220,000</b>				<b>\$220,000</b>
AIRPORT BOARD		AQUIRE SRE (PLOW)	Administration	F	FAA				\$450,000		\$450,000	
			Administration	S	SMatchAir				\$18,000		\$18,000	
			Administration	L	Airport				\$12,000		\$12,000	
			<b>Total Federal Funds:</b>							<b>\$450,000</b>		<b>\$450,000</b>
<b>Total:</b>							<b>\$480,000</b>		<b>\$480,000</b>			

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	AIRPORT BOARD	RECONSTRUCT R/W 9/27, DESIGN								
			Design/Construct	F FAA					\$700,000	\$700,000
			Design/Construct	S SMatchAir					\$28,000	\$28,000
			Design/Construct	L Airport					\$18,667	\$18,667
		<b>Total Federal Funds:</b>							\$700,000	\$700,000
		<b>Total:</b>							\$746,667	\$746,667
<b>AIRPORT BOARD TOTALS</b>					<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
		<b>Total Federal Funds:</b>			\$0	\$5,075,000	\$0	\$450,000	\$700,000	\$6,225,000
		<b>Total State Funds:</b>			\$320,000	\$3,145,500	\$0	\$18,000	\$28,000	\$3,511,500
		<b>Total Local Funds:</b>			\$35,000	\$9,887,834	\$0	\$12,000	\$18,667	\$9,953,501
		<b>Total:</b>			\$355,000	\$18,108,334	\$0	\$480,000	\$746,667	\$19,690,001

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TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP		
33	WYDOT	<b>WYDOT ENHANCEMENTS:</b> New Enhancements on West Lincolnway between Westland Rd to Little America, finish northside and new on southside Phase I	Construction	F	TAP	\$360,000					\$360,000	
			Construction	L	CITY	\$40,000					\$40,000	
			<b>Total Federal Funds:</b>					<b>\$360,000</b>				<b>\$360,000</b>
			<b>Total:</b>					<b>\$400,000</b>				<b>\$400,000</b>
			<hr/>									
WYDOT		<b>Expoxy Striping in the City of Cheyenne Various Locations</b>	Construction	S	AR SCT	\$88,248					\$88,248	
			<b>Total Federal Funds:</b>					<b>\$88,248</b>				<b>\$88,248</b>
			<b>Total:</b>					<b>\$88,248</b>				<b>\$88,248</b>
<hr/>												
WYDOT		<b>LINCOLNWAY Overlay and upgrade ADA between Capitol and Warren</b>	Construction	F	NHPP	\$371,440					\$371,440	
			<b>Total Federal Funds:</b>					<b>\$371,440</b>				<b>\$371,440</b>
			<b>Total:</b>					<b>\$371,440</b>				<b>\$371,440</b>
<hr/>												
WYDOT		<b>I-80 Mill and Overlay MP 348-357</b>	Construction	S	SCP	\$10,700,000					\$10,700,000	
			<b>Total Federal Funds:</b>					<b>\$0</b>				<b>\$0</b>
			<b>Total:</b>					<b>\$10,700,000</b>				<b>\$10,700,000</b>
<hr/>												
WYDOT		<b>Bridge Rehab UPRR Structure and I-25/I-80 Interchange</b>	Construction	S	SCP	\$1,900,000					\$1,900,000	
			<b>Total Federal Funds:</b>					<b>\$0</b>				<b>\$0</b>
			<b>Total:</b>					<b>\$1,900,000</b>				<b>\$1,900,000</b>
<hr/>												
WYDOT		<b>RAILROAD CROSSING UPGRADES: 18TH STREET</b>	Construction	F	RHC	\$72,392					\$72,392	
			Construction	L	CITY	\$7,608					\$7,608	
			<b>Total Federal Funds:</b>					<b>\$72,392</b>				<b>\$72,392</b>
			<b>Total:</b>					<b>\$80,000</b>				<b>\$80,000</b>
			<hr/>									
WYDOT		<b>RAILROAD CROSSING UPGRADES: 17TH STREET</b>	Construction	F	RHC	\$72,392					\$72,392	
			Construction	L	CITY	\$7,608					\$7,608	
			<b>Total Federal Funds:</b>					<b>\$72,392</b>				<b>\$72,392</b>
			<b>Total:</b>					<b>\$80,000</b>				<b>\$80,000</b>
			<hr/>									

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP		
	WYDOT	RAILROAD CROSSING UPGRADES: 24TH STREET	Construction	F	RHC	\$90,490					\$90,490	
			Construction	L	CITY	\$9,510					\$9,510	
			<b>Total Federal Funds:</b>					<b>\$90,490</b>				<b>\$90,490</b>
			<b>Total:</b>					<b>\$100,000</b>				<b>\$100,000</b>
29	WYDOT	I-25 North Overlay both lanes MP 16-25	Construction	F	NHPP		\$7,293,852				\$7,293,852	
			Construction	S	S MATCH HIGH		\$766,543				\$766,543	
			<b>Total Federal Funds:</b>					<b>\$7,293,852</b>				<b>\$7,293,852</b>
			<b>Total:</b>					<b>\$8,060,395</b>				<b>\$8,060,395</b>
	WYDOT	RAILROAD CROSSING UPGRADES: 22ND STREET	Construction	F	RHC		\$72,392				\$72,392	
			Construction	L	CITY		\$7,608				\$7,608	
			<b>Total Federal Funds:</b>									<b>\$0</b>
			<b>Total:</b>					<b>\$80,000</b>				<b>\$80,000</b>
	WYDOT	RAILROAD CROSSING UPGRADES: 21ST STREET	Construction	F	RHC		\$72,392				\$72,392	
			Construction	L	CITY		\$7,608				\$7,608	
			<b>Total Federal Funds:</b>									<b>\$0</b>
			<b>Total:</b>					<b>\$80,000</b>				<b>\$80,000</b>
	WYDOT	RAILROAD CROSSING UPGRADES: 20TH STREET	Construction	F	RHC		\$72,392				\$72,392	
			Construction	L	CITY		\$7,608				\$7,608	
			<b>Total Federal Funds:</b>					<b>\$72,392</b>				<b>\$72,392</b>
			<b>Total:</b>					<b>\$80,000</b>				<b>\$80,000</b>



TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	WYDOT	I-80 Central Ave to Archer Interchange Overlay (Eastbound lane 2018) (Westbound Lane 2019) MP 362-372								
			Construction	F NHPP				\$6,252,040	\$6,585,955	\$12,837,995
			Construction	S S MATCH HIGH				\$657,054	\$692,147	\$1,349,201
		<b>Total Federal Funds:</b>						<b>\$6,252,040</b>	<b>\$6,585,955</b>	<b>\$12,837,995</b>
		<b>Total:</b>						<b>\$6,909,094</b>	<b>\$7,278,102</b>	<b>\$14,187,196</b>

WYDOT TOTALS				2015	2016	2017	2018	2019	5 Year TIP
		<b>Total Federal Funds:</b>		\$966,714	\$7,511,028	\$0	\$6,252,040	\$6,585,955	\$21,315,737
		<b>Total State Funds:</b>		\$12,688,248	\$766,543	\$0	\$657,054	\$692,147	\$14,803,992
		<b>Total Local Funds:</b>		\$64,726	\$22,824	\$0	\$0	\$0	\$87,550
		<b>Total:</b>		<b>\$13,719,688</b>	<b>\$8,300,395</b>	<b>\$0</b>	<b>\$6,909,094</b>	<b>\$7,278,102</b>	<b>\$36,207,279</b>

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**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

<b>PID:</b>	<b>Agency:</b>	<b>Project Description:</b>	<b>Phase:</b>	<b>Funding Source:</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
<b>BOPU SEWER</b>		<b>West Lincolnway:</b> Clean, video, and reline 540' of 8" VCP installed in 1960, from 103MH037 to 103MH132.	Construction	L Sewer	\$72,556					\$72,556
		<b>Total:</b>			<b>\$72,556</b>					<b>\$72,556</b>
<b>BOPU SEWER</b>		<b>Windsor Boulevard:</b> Clean, video, and reline 325' of 8" VCP installed in 1960, from 048MH046 to 048MH047.	Construction	L Sewer	\$38,212					\$38,212
		<b>Total:</b>			<b>\$38,212</b>					<b>\$38,212</b>
<b>BOPU SEWER</b>		<b>Warren Avenue:</b> Clean, video, and reline 350' of 8" VCP installed in 1930, from 090MH169 to 090MH224.	Construction	L Sewer	\$39,894					\$39,894
		<b>Total:</b>			<b>\$39,894</b>					<b>\$39,894</b>
<b>BOPU SEWER</b>		<b>West Pershing Boulevard:</b> Clean, video, and reline 500' of 8" VCP installed in 1930, from 075MH037 to 075MH038.	Construction	L Sewer	\$57,544					\$57,544
		<b>Total:</b>			<b>\$57,544</b>					<b>\$57,544</b>
<b>BOPU SEWER</b>		<b>Green Valley:</b> Clean, video, and reline 250' of 8" VCP installed in 1950, from 092MH042 to 092MH263.	Construction	L Sewer	\$41,321					\$41,321
		<b>Total:</b>			<b>\$41,321</b>					<b>\$41,321</b>
<b>BOPU SEWER</b>		<b>Seminole Road:</b> Clean, video, and reline 210' of 8" VCP installed in 1960, from 062LH468 to 062MH157.	Construction	L Sewer	\$76,390					\$76,390
		<b>Total:</b>			<b>\$76,390</b>					<b>\$76,390</b>
<b>BOPU SEWER</b>		<b>Converse Avenue:</b> Replace 350' of 8" VCP installed in 1950 with 8" PVC from 092MH005 to MH092MH003.	Construction	L Sewer	\$104,429					\$104,429
		<b>Total:</b>			<b>\$104,429</b>					<b>\$104,429</b>
<b>BOPU SEWER</b>		<b>Allison Road:</b> Replace 290' of 8" VCP installed in 1960 with 8" PVC from 118MH037 to 118MH038.	Construction	L Sewer	\$122,809					\$122,809
		<b>Total:</b>			<b>\$122,809</b>					<b>\$122,809</b>
<b>BOPU SEWER</b>		<b>East 13th Street:</b> Replace 275' of 6" VCP installed in 1940 with 8" PVC from 091MH162 to 091MH161.	Construction	L Sewer	\$77,515					\$77,515
		<b>Total:</b>			<b>\$77,515</b>					<b>\$77,515</b>
<b>BOPU SEWER</b>		<b>Evans Avenue:</b> Replace 250' of 8" VCP installed in 1930 with 8" PVC from 090MH285 to the east.	Construction	L Sewer	\$69,019					\$69,019
		<b>Total:</b>			<b>\$69,019</b>					<b>\$69,019</b>

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	<b>BOPU SEWER</b>	<b>West 27th Street:</b> Replace 350' of 8" VCP installed in 1930 with 8" PVC from 089LH173 to 089MH070.	Construction	L Sewer	\$110,869					\$110,869
		<b>Total:</b>			<b>\$110,869</b>					<b>\$110,869</b>
	<b>BOPU SEWER</b>	<b>Water Reclamation Special Projects</b>	Construction	L Sewer		\$300,000				\$300,000
		<b>Total:</b>				<b>\$300,000</b>				<b>\$300,000</b>
	<b>BOPU SEWER</b>	<b>19th Street (Morrie Ave to Dey Ave):</b> \$192,000 – Snyder Avenue to Dey Avenue: replace 960' of 6" sanitary sewer main with 8" PVC. \$114,000 – Warren Avenue to Snyder Avenue; extend existing 8" of sanitary sewer 350' from Evans Avenue to House Avenue and replace 220' of 6" and 8" sanitary sewer main with 8" PVC sanitary sewer at Pebrican Avenue and Van Lennen Avenue.	Construction	L Sewer		\$306,000				\$306,000
		<b>Total:</b>				<b>\$306,000</b>				<b>\$306,000</b>
	<b>BOPU SEWER</b>	<b>Evans Avenue:</b> Additional funds replacing 360' existing 8" VCP installed in 1930, from 090MH306 to 090MH300/ The existing sewer does not have adequate grade for lining	Construction	L Sewer		\$46,800				\$46,800
		<b>Total:</b>				<b>\$46,800</b>				<b>\$46,800</b>
	<b>BOPU SEWER</b>	<b>Dry Creek Line:</b> Replace 1700' of 10" VCP installed in 1960 with 12" PVC from Prairie Ave to Powderhouse (062MH252 to 063MH069).	Construction	L Sewer		\$561,000				\$561,000
		<b>Total:</b>				<b>\$561,000</b>				<b>\$561,000</b>
	<b>BOPU SEWER</b>	<b>Andover Drive:</b> Replace 750' of 6" and 8" VCP with 8" PVC from E 3rd Ave to the lamphole north of E 5th Ave (077MH192 to 077LH261 and replace LH261, MH193 and MH194).	Construction	L Sewer		\$247,500				\$247,500
		<b>Total:</b>				<b>\$247,500</b>				<b>\$247,500</b>
	<b>BOPU SEWER</b>	<b>E 10th Street:</b> Replace 620' of 8" VCP installed in 1950 with 12" PVC from Cleveland Ave to Monroe Ave (093MH192 to 093MH141).	Construction	L Sewer		\$204,600				\$204,600
		<b>Total:</b>				<b>\$204,600</b>				<b>\$204,600</b>
	<b>BOPU SEWER</b>	<b>Pebrican Avenue:</b> Replace 170' of 8" VCP installed in 1930 with 8" PVC from 091MH061 at E 18th St north to the end of line and replace MH at the north end.	Construction	L Sewer		\$56,100				\$56,100
		<b>Total:</b>				<b>\$56,100</b>				<b>\$56,100</b>

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
BOPU SEWER		<b>Manhole Replacement:</b> Replace manholes with aging and structural issues identified by Collection supervisor.	Construction	L Sewer		\$154,000	\$350,000	\$350,000		\$854,000
			<b>Total:</b>			\$154,000	\$350,000	\$350,000		\$854,000
BOPU SEWER		<b>Reimbursements for main Oversizing.</b>	Construction	L Sewer			\$300,000	\$300,000	\$300,000	\$900,000
			<b>Total:</b>				\$300,000	\$300,000	\$300,000	\$900,000
BOPU SEWER		<b>Dillon Avenue:</b> Clean, video, reline 730' of 8" VCP from MH north of W 27th St to the MH south of W 26th St (089MH094 to 089MH080) and replace MH095 and MH080.	Construction	L Sewer			\$127,750			\$127,750
			<b>Total:</b>				\$127,750			\$127,750
BOPU SEWER		<b>Albany Avenue:</b> Replace 340' of 6" VCP with 8" PVC from Cheyenne St to Garrett St (091MH107 to 091MH108).	Construction	L Sewer			\$68,000			\$68,000
			<b>Total:</b>				\$68,000			\$68,000
BOPU SEWER		<b>Forest Drive:</b> Clean, video, and reline 150' of 8" VCP from manhole south of Pine Dr east to the manhole in the ally (092MH104 to 092MH105).	Construction	L Sewer			\$26,250			\$26,250
			<b>Total:</b>				\$26,250			\$26,250
BOPU SEWER		<b>East Lincolnway:</b> Clean, video, and reline 360' of 8" VCP installed in 1950 from Campbell to Carbon (091MH159 to 091MH160).	Construction	L Sewer			\$63,000			\$63,000
			<b>Total:</b>				\$63,000			\$63,000
BOPU SEWER		<b>Dunn Avenue:</b> Clean, video, and reline 570' of 15" VCP installed in 1930 from E Lincolnway to the manhole south of E 13th St (091MH206 to 091MH208).	Construction	L Sewer			\$114,000			\$114,000
			<b>Total:</b>				\$114,000			\$114,000
BOPU SEWER		<b>4405 E 11th Street:</b> Clean, video, and reline 510' of 8" VCP installed in 1963 from Cleveland St east to end of cul-de-sac (093MH201 to 093MH199).	Construction	L Sewer			\$89,250			\$89,250
			<b>Total:</b>				\$89,250			\$89,250
BOPU SEWER		<b>Dry Creek Interceptor: Master Plan 12 Project -</b> Clean, video, and reline 3750' of 24" sewer main with 24" RCP from 062MH448 to 062MH240.	Construction	L Sewer			\$750,000			\$750,000
			<b>Total:</b>				\$750,000			\$750,000

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	<b>BOPU SEWER</b>	<b>Bishop Boulevard</b> – Clean, video, and reline 760' of 8" VCP from 047MH350 to 047MH214.	Construction	L Sewer			\$133,000			\$133,000
		<b>Total:</b>					<b>\$133,000</b>			<b>\$133,000</b>
	<b>BOPU SEWER</b>	<b>East 10th Street</b> – Replace 730' of existing 10" VCP installed in 1940 with 10" PVC from 092MH350 to 091MH182.	Construction	L Sewer			\$146,000			\$146,000
		<b>Total:</b>					<b>\$146,000</b>			<b>\$146,000</b>
	<b>BOPU SEWER</b>	<b>West Lincolnway</b> – Clean, video and reline 375' of 12" VCP installed in 1940 from 103MH093 to 103MH095.	Construction	L Sewer			\$65,625			\$65,625
		<b>Total:</b>					<b>\$65,625</b>			<b>\$65,625</b>
	<b>BOPU SEWER</b>	<b>Warren Ave</b> – Clean, video, and reline 370' of 9" VCP installed in 1910 from 090MH168 to 090MH167.	Construction	L Sewer			\$64,750			\$64,750
		<b>Total:</b>					<b>\$64,750</b>			<b>\$64,750</b>
	<b>BOPU SEWER</b>	<b>E 4th St</b> – Clean, video, and reline 300' of 8" VCP from 105MH073 to 105LH230.	Construction	L Sewer			\$52,500			\$52,500
		<b>Total:</b>					<b>\$52,500</b>			<b>\$52,500</b>
	<b>BOPU SEWER</b>	<b>3246 Old Faithful Rd</b> – Replace 290' of existing 8" VCP with 8" PVC from 092MH166 to 092MH165.	Construction	L Sewer			\$58,000			\$58,000
		<b>Total:</b>					<b>\$58,000</b>			<b>\$58,000</b>
	<b>BOPU SEWER</b>	<b>900 E 25th St</b> – Clean, video, and reline 340' of 8" VCP from 090MH042 to 089MH098.	Construction	L Sewer			\$59,500			\$59,500
		<b>Total:</b>					<b>\$59,500</b>			<b>\$59,500</b>
	<b>BOPU SEWER</b>	<b>1000 Cleveland Ave</b> – Replace 670' of existing 8" VCP installed in 1950 with 12" PVC from 093MH207 to 093MH192.	Construction	L Sewer			\$134,000			\$134,000
		<b>Total:</b>					<b>\$134,000</b>			<b>\$134,000</b>
	<b>BOPU SEWER</b>	<b>2200 E 17th St</b> – Replace and relocate 330' of existing 8" VCP with 8" PVC from 091MH132 to 091MH133.	Construction	L Sewer			\$66,000			\$66,000
		<b>Total:</b>					<b>\$66,000</b>			<b>\$66,000</b>
	<b>BOPU SEWER</b>	<b>6102 Elk Ave</b> – Clean, video, and reline 390' of 8" VCP installed in 1950 from 047MH161 to 061MH180.	Construction	L Sewer			\$68,250			\$68,250
		<b>Total:</b>					<b>\$68,250</b>			<b>\$68,250</b>

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

<b>PID:</b>	<b>Agency:</b>	<b>Project Description:</b>	<b>Phase:</b>	<b>Funding Source:</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
<b>BOPU SEWER</b>		<b>6100 Kevin Ave</b> – Clean, video, and reline 310' of 8" VCP installed in 1960 from 048MH148 to 062MH046.	Construction	L Sewer			\$62,000			<b>\$62,000</b>
		<b>Total:</b>					<b>\$62,000</b>			<b>\$62,000</b>
<b>BOPU SEWER</b>		<b>5021 Moran Ave</b> – Clean, video, and reline 840' of 8" VCP installed in 1960 from 064MH332 to 064MH416.	Construction	L Sewer			\$168,000			<b>\$168,000</b>
		<b>Total:</b>					<b>\$168,000</b>			<b>\$168,000</b>
<b>BOPU SEWER</b>		<b>Dry Creek Interceptor: Master Plan 12 Project</b> – Clean, video, and reline 3000' of 24" sewer main with 24" RCP from 062MH448 to 062MH240	Construction	L Sewer				\$600,000		<b>\$600,000</b>
		<b>Total:</b>						<b>\$600,000</b>		<b>\$600,000</b>
<b>BOPU SEWER</b>		<b>Dry Creek North 2: Master Plan 15 Project</b> – Replace 3740' of 10" and 15" sewer main with 12" and 18" main from 064MH162 to 065MH034.	Construction	L Sewer				\$1,271,600		<b>\$1,271,600</b>
		<b>Total:</b>						<b>\$1,271,600</b>		<b>\$1,271,600</b>
<b>BOPU SEWER</b>		<b>1100 W Pershing Blvd</b> – Clean, video, and reline 10" VCP from 075MH027 to 075MH037.	Construction	L Sewer				\$64,750		<b>\$64,750</b>
		<b>Total:</b>						<b>\$64,750</b>		<b>\$64,750</b>
<b>BOPU SEWER</b>		<b>3300 Alexander Ave</b> – Replace 670' of 8" VCP with 8" PVC from 077MH219 to 077MH217.	Construction	L Sewer				\$134,000		<b>\$134,000</b>
		<b>Total:</b>						<b>\$134,000</b>		<b>\$134,000</b>
<b>BOPU SEWER</b>		<b>100 King Court</b> – Replace 560' of 8" VCP with 8" PVC from 118MH016 to 118MH015.	Construction	L Sewer				\$112,000		<b>\$112,000</b>
		<b>Total:</b>						<b>\$112,000</b>		<b>\$112,000</b>
<b>BOPU SEWER</b>		<b>2020 E 16th St</b> – Replace 315' of 6" VCP with 8" PVC from 091MH144 to 091LH421.	Construction	L Sewer				\$63,000		<b>\$63,000</b>
		<b>Total:</b>						<b>\$63,000</b>		<b>\$63,000</b>
<b>BOPU SEWER</b>		<b>1500 Bighorn Ave</b> – Replace 325' of 6" VCP with 8" PVC from 091MH150 to 091LH408.	Construction	L Sewer				\$65,000		<b>\$65,000</b>
		<b>Total:</b>						<b>\$65,000</b>		<b>\$65,000</b>
<b>BOPU SEWER</b>		<b>205 Hynds</b> – Replace 650' of 8" VCP installed in 1950 with 8" PVC from 118MH293 to 104MH010.	Construction	L Sewer				\$130,000		<b>\$130,000</b>
		<b>Total:</b>						<b>\$130,000</b>		<b>\$130,000</b>

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
BOPU SEWER		900 West Pershing – Relocate and replace 400' of 10" VCP installed in 1930 with 10" or 12" PVC from 075MH041 to 375' to the west.	Construction	L Sewer				\$80,000		\$80,000
			Total:					\$80,000		\$80,000
BOPU SEWER		2649 Kelley Dr – Replace 210' of existing 6" VCP installed in 1950 with 8" PVC from 092MH086 to 092MH425.	Construction	L Sewer				\$42,000		\$42,000
			Total:					\$42,000		\$42,000
BOPU SEWER		3218 Boxelder Dr – Clean, video, and reline 360' of 8" VCP installed in 1950 from 092MH138 to 092MH342.	Construction	L Sewer				\$63,000		\$63,000
			Total:					\$63,000		\$63,000
BOPU SEWER		2815 Olive Dr – Replace 430' of 8" VCP installed in 1950 with 8" PVC from 092MH114 to 092LH375.	Construction	L Sewer				\$86,000		\$86,000
			Total:					\$86,000		\$86,000
BOPU SEWER		E 13th St – Replace 300' of 10" VCP installed in 1980 with 10" PVC from 094MH158 to 094MH159.	Construction	L Sewer				\$60,000		\$60,000
			Total:					\$60,000		\$60,000
BOPU SEWER		500 Platte Ave – Clean, video, and reline 360' of existing 12" VCP installed in 1940 and manholes installed in 1940 from 106MH024 to 106MH025	Construction	L Sewer				\$63,000		\$63,000
			Total:					\$63,000		\$63,000
BOPU SEWER		500 Barbell Ct – Clean, video, and reline 830' of existing 12" VCP installed in 1980 from 107MH002 to 107MH007.	Construction	L Sewer				\$145,250		\$145,250
			Total:					\$145,250		\$145,250
BOPU SEWER		Basin St – Replace 360' of existing 8" VCP installed in 1960 with 8" PVC from 064MH330 to 064MH331.	Construction	L Sewer				\$72,000		\$72,000
			Total:					\$72,000		\$72,000
BOPU SEWER		Dry Creek Interceptor: Master Plan 12 Project – Clean, video, and reline 3000' of existing 24" RCP from 062MH448 to 062MH240.	Construction	L Sewer					\$600,000	\$600,000
			Total:						\$600,000	\$600,000
BOPU SEWER		Dry Creek North 1: Master Plan 14 Project – Replace 3785' of 10" and 15" with new 12" and 18" from 064MH067 to 064MH106.	Construction	L Sewer					\$1,325,000	\$1,325,000
			Total:						\$1,325,000	\$1,325,000

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

<b>PID:</b>	<b>Agency:</b>	<b>Project Description:</b>	<b>Phase:</b>	<b>Funding Source:</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
<b>BOPU SEWER</b>		<b>Deming Blvd</b> – Replace 1540' of 8" VCP installed in 1950 with 8" PVC from 092LH414 to 092MH337.	Construction	L Sewer					\$308,000	\$308,000
		<b>Total:</b>							\$308,000	\$308,000
<b>BOPU SEWER</b>		<b>Forest Dr</b> – Replace 335' of 8" VCP installed in 1960 with 8" PVC from 092MH106 to 092LH374.	Construction	L Sewer					\$67,000	\$67,000
		<b>Total:</b>							\$67,000	\$67,000
<b>BOPU SEWER</b>		<b>Carey Ave</b> – Replace 720' of 8" VCP installed in 1930 with 8" PVC from 090MH144 to 090MH141.	Construction	L Sewer					\$144,000	\$144,000
		<b>Total:</b>							\$144,000	\$144,000
<b>BOPU SEWER</b>		<b>Temporary Flow Meters</b>	Construction	L Sewer					\$227,400	\$227,400
		<b>Total:</b>							\$227,400	\$227,400
<b>BOPU SEWER</b>		<b>500 House Ave</b> – Clean, video and reline 490' of 8" and 15" VCP installed in 1930 from 076MH051 to 076MH052.	Construction	L Sewer					\$98,000	\$98,000
		<b>Total:</b>							\$98,000	\$98,000
<b>BOPU SEWER</b>		<b>1641 Fremont Ave</b> – Replace 600' of 6" VCP installed in 1950 with 8" PVC from 092MH307 to 092LH363.	Construction	L Sewer					\$120,000	\$120,000
		<b>Total:</b>							\$120,000	\$120,000
<b>BOPU SEWER</b>		<b>800 Platte Ave</b> – Replace 350' of 8" VCP with 8" PVC from 092MH226 to 092LH395.	Construction	L Sewer					\$70,000	\$70,000
		<b>Total:</b>							\$70,000	\$70,000
<b>BOPU SEWER</b>		<b>1800 E 22nd St</b> – Replace 360' of 8" VCP with 8" PVC from 091MH082 to 091LH392.	Construction	L Sewer					\$72,000	\$72,000
		<b>Total:</b>							\$72,000	\$72,000
<b>BOPU SEWER</b>		<b>W 23rd St</b> – Replace 70' of 6" VCP installed in 1930 with 8" PVC from 090MH268 to the south.	Construction	L Sewer					\$14,000	\$14,000
		<b>Total:</b>							\$14,000	\$14,000



**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	<b>BOPU SEWER</b>	<b>Bishop Blvd and Evers Blvd</b> – Clean, video, and reline 730' of existing 8" VCP installed in 1980 from 047MH214 to 047MH350.	Construction	L Sewer					\$127,500	\$127,500
		<b>Total:</b>							\$127,500	\$127,500
	<b>BOPU SEWER</b>	<b>900 O'Neil Ave</b> – Replace 310' of 8" VCP installed in 1930 with 8" PVC from 104MH165 to 104MH152.	Construction	L Sewer					\$62,000	\$62,000
		<b>Total:</b>							\$62,000	\$62,000
	<b>BOPU SEWER</b>	<b>2100 E 17th St</b> – Replace 390' of 8" VCP with 8" PVC from 091MH130 to 091MH132.	Construction	L Sewer					\$78,000	\$78,000
		<b>Total:</b>							\$78,000	\$78,000
	<b>BOPU SEWER TOTALS</b>				<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
		<b>Total Federal Funds:</b>			\$0	\$0	\$0	\$0	\$0	\$0
		<b>Total State Funds:</b>			\$0	\$0	\$0	\$0	\$0	\$0
		<b>Total Local Funds:</b>			\$810,558	\$1,876,000	\$2,965,875	\$3,701,600	\$3,612,900	\$12,966,933
		<b>Total:</b>			\$810,558	\$1,876,000	\$2,965,875	\$3,701,600	\$3,612,900	\$12,966,933

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
95	BOPU WATER	PLAINVIEW (CHAPEL HILL DR. TO BLUE BLUFF RD.) – REPLACE 8" MAIN WITH NEW 8" MAIN 1350'.	Construction	L Water	\$356,196					\$356,196
			<b>Total:</b>				<b>\$356,196</b>			
	BOPU WATER	NORTH AMERICAN RD. (Evelyn to Southwest): Replace existing 10" cast main installed in 1970 with new 12" main 700'.	Construction	L Water	\$229,031					\$229,031
			<b>Total:</b>				<b>\$229,031</b>			
	BOPU WATER	EAST 22nd STREET (Seymour to Morrie): Replace existing 4" cast main installed in 1930 and 1940 with new 8" main 1050'.	Construction	L Water	\$283,880					\$283,880
			<b>Total:</b>				<b>\$283,880</b>			
	BOPU WATER	MOUNTAIN ROAD (Sheridan to King Arthur): Replace existing 8" ductile main installed in 1970 with new 8" main 900'.	Construction	L Water	\$213,484					\$213,484
			<b>Total:</b>				<b>\$213,484</b>			
122	BOPU WATER	HOMESTEAD AVE (Hanson St to Henderson Dr): Replace 8" ductile main with new 8" main 860'.	Construction	L Water	\$203,864					\$203,864
			<b>Total:</b>				<b>\$203,864</b>			
121	BOPU WATER	PIERCE AVE (Green River St to Dell Range Blvd): Replace 6" ductile main with new 8" main 1370'.	Construction	L Water	\$281,584					\$281,584
			<b>Total:</b>				<b>\$281,584</b>			
120	BOPU WATER	HANSON STREET (Old Trail Rd to Henderson Dr) : Replace 8" cast main with new 8" main 860'.	Construction	L Water	\$216,093					\$216,093
			<b>Total:</b>				<b>\$216,093</b>			
119	BOPU WATER	GRIER BLVD (Old Trail Rd to Henderson Dr): Replace 8" cast main with new 8" main 1025'.	Construction	L Water	\$250,653					\$250,653
			<b>Total:</b>				<b>\$250,653</b>			
	BOPU WATER	KING ARTHUR RD (Mountain to Sheridan): Replace existing 6" ductile main installed in 1970 with new 8" main 1050'.	Construction	L Water	\$302,682					\$302,682
			<b>Total:</b>				<b>\$302,682</b>			

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP	
BOPU WATER		<b>SPECIAL WATER DEVELOPMENT PROJECTS</b>	Construction	L	Water		\$400,000	\$400,000	\$400,000	\$400,000	\$1,600,000
			<b>Total:</b>						<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>
BOPU WATER		<b>12th ST &amp; COLLEGE RECYCLED WATER BOOSTER STATION:</b> Replace the Variable Frequency Drive (VFD), modify the RTU controls & programming.	Construction	L	Water		\$13,000				\$13,000
			<b>Total:</b>						<b>\$13,000</b>		
BOPU WATER		<b>FY 16 Well Rehabilitation Project:</b> Replace 4000' of the Happy Jack Well Line from the Happy Jack Crossover to the Happy Jack Meter Vault near the RL Sherard Water Treatment Plant.	Construction	L	Water		\$800,000				\$800,000
			<b>Total:</b>						<b>\$800,000</b>		
BOPU WATER		<b>26th ST WATER SYSTEM IMPROVEMENTS: in Conjunction w/ the 26th St Storm Sewer Interceptor Project:</b> Replace 1420' of 4" water main (1944) with 12" water main in 26th Street from Bent Avenue to Carey Avenue, replace 350' of 4" water main (1944) with 8" water main in 26th Street from Reed Avenue to Bent Avenue, 370' of 4" water main (1942) with 8" water main in Reed Ave from 25th Street to 26th Street, and 390' of 4" water main (1937) with 8" water main in 24th Street from Snyder Avenue to Reed Avenue.	Construction	L	Water		\$630,000				\$630,000
			<b>Total:</b>						<b>\$630,000</b>		
BOPU WATER		<b>19th STREET (Dey Ave to Morrie Ave)</b> \$477,750 – Snyder Ave to Dey Ave: replace 1050' of 24" water main and 1050' of 4" water main with 8" PVC. \$694,550 – Warren/Central Avenues replace 1510' of existing 4" and 6" water main with 8" PVC water main, 500' of 12" water main with 12" PVC and 1,130 feet of 24" water main with 24".	Construction	L	Water		\$1,172,300				\$1,172,300
			<b>Total:</b>						<b>\$1,172,300</b>		
BOPU WATER		<b>TURA PKWY (west of Fleischli Pkwy to Westland Rd)</b> Replace 2500' of 8" ductile iron pipe installed in 1970 with a history of 2 main breaks with 8" PVC main. Portions of this water main are out of service because repairs could not be made due to the deteriorated condition of the pipe.	Construction	L	Water		\$625,000				\$625,000
			<b>Total:</b>						<b>\$625,000</b>		
BOPU WATER		<b>WESTLAND RD (Westland Ct to Old Happy Jack Rd)</b> Replace 260' of 8" cast iron pipe installed in 1977 with new 8" main with a new tap on 30" PCCP. Abandon an old main and tap to the east. Main is severely deteriorated.	Construction	L	Water		\$65,000				\$65,000
			<b>Total:</b>						<b>\$65,000</b>		

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
123 ?	BOPU WATER	<b>CAMPSTOOL (Frontier Refinery to east side of North Collge Dr)</b> Replace 6900' of 4" cast iron pipe installed in 1973 with a history of 5 main breaks with 10" PVC with a new casing under North College Ave.	Construction	L Water		\$1,414,500				\$1,414,500
<b>Total:</b>						<b>\$1,414,500</b>				<b>\$1,414,500</b>
125	BOPU WATER	<b>RAWLINS STREET (Monroe Ave to Cleveland Ave)</b> Replace 800' of existing 8" ductile iron pipe installed in 1981 with a history of 6 main breaks with 8" PVC.	Construction	L Water		\$200,000				\$200,000
<b>Total:</b>						<b>\$200,000</b>				<b>\$200,000</b>
	BOPU WATER	<b>BUFFALO RIDGE TANK RE-COATING RROJECT:</b> Re-coat the entire interior and exterior of tank. Coating is over 50 years old, and has exceeded the design life. The existing interior coating system is incompatible with modern coating systems and cannot be repaired. Project will be funded by Drinking Water State Revolving Fund (SRF) Loan with 25% principle forgiveness.	Construction	L Water		\$1,300,000				\$1,300,000
<b>Total:</b>						<b>\$1,300,000</b>				<b>\$1,300,000</b>
	BOPU WATER	<b>REIMBURSE OVERSIZE WATER MAINS</b>	Construction	L Water			\$300,000	\$300,000	\$300,000	\$900,000
<b>Total:</b>							<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$900,000</b>
81 ?	BOPU WATER	<b>RECYCLE WATER EXTENSION PHASE III:</b> North Park to Mylar Park, Smalley Park and Anderson Elementary (Master Plan 3 Project)	Construction	L Water			\$4,215,200			\$4,215,200
<b>Total:</b>							<b>\$4,215,200</b>		<b>\$0</b>	<b>\$4,215,200</b>
	BOPU WATER	<b>SMALL BOOSTER PUMP STATION at North Park to pump to Mylar, Smalley, and Anderson Elementary (Master Plan 4 Project)</b>	Construction	L Water			\$142,200			\$142,200
<b>Total:</b>							<b>\$142,200</b>		<b>\$0</b>	<b>\$142,200</b>
	BOPU WATER	<b>DISTRIBUTION SYSTEM MONITORING (Master Plan 3 Project)</b>	Construction	L Water			\$100,000	\$1,000,000		\$1,100,000
<b>Total:</b>							<b>\$100,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,100,000</b>
	BOPU WATER	<b>EAST 2ND STREET (Van Lennen to Russell)</b> Replace existing 4" cast main with new 8" main 1720'.	Construction	L Water			\$352,600			\$352,600
<b>Total:</b>							<b>\$352,600</b>		<b>\$0</b>	<b>\$352,600</b>
85	BOPU WATER	<b>OXFORD DRIVE (Boston Road to Durham Rd):</b> Replace existing 6" cast main with new 8" main 1200'.	Construction	L Water			\$246,000			\$246,000
<b>Total:</b>							<b>\$246,000</b>			<b>\$246,000</b>

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	BOPU WATER	<b>EAST 17TH STREET (Hugar Ave to Holliday Park):</b> Replace existing 4" cast main with new 8" main 1050'.	Construction	L Water			\$215,250			\$215,250
		<b>Total:</b>					<b>\$215,250</b>			<b>\$215,250</b>
	BOPU WATER	<b>WEST LINCOLNWAY (Candlewood Suites to Cutler Rd):</b> Replace existing 6" cast main with new 8" main 880'.	Construction	L Water			\$180,400			\$180,400
		<b>Total:</b>					<b>\$180,400</b>			<b>\$180,400</b>
94	BOPU WATER	<b>ONTARIO AVE. (RIO VERDE ST. TO DELL RANGE) –</b> Replace existing 6" main with new 8" main 1300'.	Construction	L Water			\$266,500			\$266,500
		<b>Total:</b>					<b>\$266,500</b>			<b>\$266,500</b>
83	BOPU WATER	<b>APACHE STREET (Ogden Rd to Mountain Rd):</b> Replace existing 8" main with new 8" main 1800'.	Construction	L Water			\$369,000			\$369,000
		<b>Total:</b>					<b>\$369,000</b>			<b>\$369,000</b>
	BOPU WATER	<b>FREDERICK DRIVE (Melton St to Hamilton Ave):</b> Replace existing 6" cast main with 8" main 950'.	Construction	L Water			\$194,750			\$194,750
		<b>Total:</b>					<b>\$194,750</b>			<b>\$194,750</b>
	BOPU WATER	<b>WEST 8TH STREET (W 9th St to Thomes Ave):</b> Replace existing 6" cast main with new 8" main 950'.	Construction	L Water			\$194,750			\$194,750
		<b>Total:</b>					<b>\$194,750</b>			<b>\$194,750</b>
	BOPU WATER	<b>SNYDER AVE (W 5th St to W 7th St):</b> Replace existing 6" cast main with new 8" main 720'.	Construction	L Water			\$147,600			\$147,600
		<b>Total:</b>					<b>\$147,600</b>			<b>\$147,600</b>
	BOPU WATER	<b>EAST 22nd STREET (Seymore Ave to Alexander Ave):</b> Replace existing 4" and 8" main with new 8" main 2100'.	Construction	L Water				\$430,500		\$430,500
		<b>Total:</b>						<b>\$430,500</b>		<b>\$430,500</b>

**TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING**

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
	BOPU WATER	<b>MCCOMB AVE (W. Pershing to W 6th Ave):</b> Replace existing 4", 6", and 8" mains with new 8" main 2400'.	Construction	L Water				\$492,000		\$492,000
		<b>Total:</b>						\$492,000		\$492,000
	BOPU WATER	<b>MCCANN AVE/COUNTRY CLUB AVE (E Lincolnway to Holmes St):</b> Replace existing 8" cast main with new 8" main 860'.	Construction	L Water				\$176,300		\$176,300
		<b>Total:</b>						\$176,300		\$176,300
	BOPU WATER	<b>O'NEIL AVE (W 9th St to W 10th St):</b> Replace existing 4" cast main with new 8" main 370'.	Construction	L Water				\$75,850		\$75,850
		<b>Total:</b>						\$75,850		\$75,850
	BOPU WATER	<b>WEST 7TH STREET (Snyder Ave to Stanfield Ave):</b> Replace existing 4" cast main with new 8" main 1520'.	Construction	L Water				\$331,600		\$331,600
		<b>Total:</b>						\$331,600		\$331,600
	BOPU WATER	<b>REPLACE 2-3 RTU's WITH NEW ACE UNITS</b>	Construction	L Water				\$63,900		\$63,900
		<b>Total:</b>						\$63,900		\$63,900
	BOPU WATER	<b>WEST 6TH STREET (Snyder Ave to Stanfield Ave):</b> Replace existing 4" cast main with new 8" main 1325'.	Construction	L Water				\$271,625		\$271,625
		<b>Total:</b>						\$271,625		\$271,625
	BOPU WATER	<b>SWAN RANCH RESERVOIR #2 (Master Plan 22 Project)</b>	Construction	L Water					\$6,000,000	\$6,000,000
		<b>Total:</b>							\$6,000,000	\$6,000,000
118	BOPU WATER	<b>Pressure Management Project Phase II: City North, Central, and South Zones (Master Plan 17 Project)</b>	Construction	L Water					\$2,000,000	\$2,000,000
		<b>Total:</b>							\$2,000,000	\$2,000,000
	BOPU WATER	<b>WATER SYSTEM REHABS</b>	Construction	L Water					\$2,300,000	\$2,300,000
		<b>Total:</b>							\$2,300,000	\$2,300,000

TABLE 4 FY 2016 - 2019 TIP PROJECT LISTING

PID:	Agency:	Project Description:	Phase:	Funding Source:	2015	2016	2017	2018	2019	5 Year TIP
<b>BOPU WATER TOTALS</b>					<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>5 Year TIP</b>
<b>Total Federal Funds:</b>					\$0	\$0	\$0	\$0	\$0	\$0
<b>Total State Funds:</b>					\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Local Funds:</b>					\$2,337,467	\$6,619,800	\$7,324,250	\$3,541,775	\$11,000,000	\$30,823,292
<b>Total:</b>					\$2,337,467	\$6,619,800	\$7,324,250	\$3,541,775	\$11,000,000	\$30,823,292

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**TABLE 5**

Estimate of Available Funds for FY `16- `19 Transportation Projects

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## 4 - Pavement Management System

The pavement management analysis (PMA) program reviews all of the paved streets in the Cheyenne area. A PMA is a computerized information system designed to assist Cheyenne's decision-makers in the process of managing the network of streets. The PMA was originally started, operated and maintained by the Metropolitan Planning Organization (Cheyenne MPO), but it was turned over to the City Public Works Department in 2009. This computer program can store, retrieve, and process pavement-related condition inventory data, allowing the user to analyze the current condition, future performance, and expected monetary needs for Cheyenne's pavement network.

The accumulated investment of public funds expended to construct and maintain a pavement network generally amounts to a substantial figure. For example, if the average reconstruction cost per centerline mile is \$500,000 and a pavement network has 300 centerline miles, then the replacement cost of the network is in the order of \$150 million.

A pavement network is therefore a valuable asset to the population that it serves, and it should be managed such that the value of the asset is maintained at an optimal level over the long-term. In this regard, experience has shown that over time it is less expensive to invest in preventative maintenance and/or rehabilitation on an ongoing basis rather than in sporadic reconstruction.

In order to implement this less expensive approach, information containing the condition of the network, its rate of deterioration, and the impact of maintenance and rehabilitation efforts on pavement serviceability levels is required. It is therefore necessary to monitor the performance of each section of the network on an ongoing basis. This ongoing monitoring is a key component of a comprehensive pavement management system.

A program has been developed to utilize the Optional 1% Sales Tax set aside for street maintenance. With each tax election more funding is directed for street maintenance. Table 6 lists the streets proposed to receive maintenance attention in the City.

**TABLE 6**  
2015-15 City Pavement Management Program  
PMA Proposed List  
*(Subject to Change)*

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# Appendix A - Funding Definitions

Federal	ACIM	Advance Construction Interstate Maintenance
Federal	FAA	Federal Aviation Administration
Federal	FTA	Federal Transit Administration
Federal	HP	High Priority
Federal	HSIP	Highway Safety Improvement Program
Federal	IM	Interstate Maintenance
Federal	MG	Minimum Guarantee
Federal	NH	National Highway
Federal	SRTS	Safe Routes to School
Federal	SSP-TO	State Safety Program Traffic Operations
Federal	STP	Surface Transportation Program
Federal	STP-E	Surface Transportation Program Enhancement
Federal	STP-U	Surface Transportation Program - Urban
Federal	TAP	Transportation Alternatives Program
Federal	TIGER	Transportation Investment Generating Economic Recovery
Non-Federal	Airport	Airport Board
Non-Federal	BOPUS	Board of Public Utilities - Sewer Projects
Non-Federal	BOPUW	Board of Public Utilities - Water Projects
Non-Federal	City	City Funds
Non-Federal	City Gen	City General Fund Account
Non-Federal	CMP	Contract Maintenance Program
Non-Federal	CMP-PM	Contract Maintenance Program - Pavement Maintenance
Non-Federal	CRF	County Road Fund
Non-Federal	IRP	State Industrial Road Project
Non-Federal	LOCALMATCH	Local Matching Funds
Non-Federal	MATCHTRANS	Local Transit Matching Funds
Non-Federal	Scon	State Construction Project
Non-Federal	Section IIIB	State Transit Funding
Non-Federal	Section 5311	State Transit Funding
Non-Federal	Sloan	State Loan and Investment Board
Non-Federal	SMatchAir	State Matching Funds - Airport Projects
Non-Federal	SMatchHigh	State Matching Funds - Highway Projects

## Appendix B - Maps

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# Appendix C - Self-Certification

## APPENDIX C SELF-CERTIFICATION

In accordance with 23 CFR 450.334, the Wyoming Department Of Transportation, and the Cheyenne Metropolitan Planning Organization for the Cheyenne urbanized area hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134, 49 U.S.C. Section 5303, and 23 CFR Part 450;
- (2) Sections 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c) and (d) and 40 CFR 93);
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex or age in employment or business opportunity;
- (5) Section 1101(b) of the Moving Ahead for Progress in the 21st Century Act (Pub. L. 112-141) and 49 CFR Part 26 regarding the involvement of Disadvantaged Business Enterprises in USDOT funded planning projects;
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- (8) Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of CFR 23, regarding prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 and 49 CFR part 27 regarding discrimination against individuals with disabilities.

The Policy Committee of the Metropolitan Planning Organization, has reviewed and approved on the 25th day of June 2015, this Transportation Improvement Program for Fiscal Years '16-'19.

### Metropolitan Planning Organization

AUTHORITY:

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Thomas M. Mason  
MPO Director

\_\_\_\_\_  
Date