



## Planning Commission Staff Report

**DATE:** June 13, 2023

**ITEM INITIATED BY:** Deborah Barr, P.E., City Engineer/Director of Utilities

**ITEM AUTHORIZED BY:** Raffi Boloyan, Community Development Director

**PREPARED BY:** Jordan Santos, Junior Engineer

**SUBJECT: CONDUCT ANNUAL REVIEW AND ADOPT A RESOLUTION FINDING THE FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) FOR FISCAL YEARS 2024-2028 IN CONFORMANCE WITH THE GENERAL PLAN PER GOVERNMENT CODE SECTIONS 65103 AND 65104.**

### BACKGROUND

Both the City of Dixon's General Plan and Government Code Section 65401 require that the City prepare a comprehensive list of capital improvement projects necessary to implement the General Plan. The Five-Year CIP has been prepared per these requirements using the General Plan 2040 and is presented to the Commission and Council for review and action.

With the adoption of the General Plan 2040, Transportation Impact Fee Update, as well as various Master Plan updates (Streets Master Plan, Water System Master Plan, Sewer System Master Plan), there have been significant revisions to the Five-Year CIP compared to the previous years.

The Planning Commission is responsible for reviewing the Five-Year CIP for conformity with the City's General Plan. Following the Commission's review and finding, the CIP will be reviewed and acted upon by the City Council.

The Planning Commission last reviewed the CIP in May 2022. Based on past practice, the Planning Commission conformity review is for any new projects added to the CIP.

## PROJECT DESCRIPTION

The CIP is the primary planning tool used to identify projects, funding sources, and schedule implementation over the next five years. The CIP is categorized by Department and traditionally includes construction projects to rehabilitate existing facilities and to construct new facilities to serve the needs of projected growth.

This year, there are 22 new projects proposed to be added to the CIP. The Commission previously reviewed and made conformance findings for all existing projects within the program. The proposed Five-Year CIP contains 108 projects, including the new projects, and totals approximately \$133 million for Fiscal Years 2024 thru 2028. Implementation of projects in years 2-5 may change as funding estimates are updated each year.

## ANAYSIS

The proposed Five-Year CIP includes a total of 108 projects, 22 of which are new projects this year, and spans over the next five years. The new projects are listed below as well as included in Exhibit A of the Draft Resolution (Attachment 1), which also identifies the General Plan policy with which each new CIP project is in conformance.

Most of the new projects are in conformance with various programs and policies contained in the Public Service and Facilities (PSF) Element and Mobility (M) Element of the General Plan. There are also a few new CIP projects that are in conformance with Natural Environment (NE) Element and Land Use and Community Charater (LCC) Element programs and policies. Staff recommends that all new projects are in conformance with the Dixon General Plan 2040.

The 22 new Projects to be added to the 5-year CIP this year, include:

- 102-135 Climate Change Action Plan
- 102-136 Municipal Service Review
- 305-201 Sewer Flow Monitoring
- 305-216 SR113 Drainage Maintenance Agreement
- 310-112 Milk Farm Road I-80 Sewer Crossing – N2
- 310-113 Northeast Quad Trunk Sewer Line – N3
- 310-114 Northeast Quad Trunk Sewer Line – Branch 1 – N4
- 310-115 Northeast Quad Trunk Sewer Line – Branch 2 – N5
- 310-116 Northeast Quad Trunk Sewer to Lift Station – N6a
- 310-117 Northeast Quad Lift Station and Force Main – N6b
- 315-134 Waste Water Treatment Facility (WWTF) Barbed Wire Fence
- 315-137 WWTF PE Basin Power Gate
- 315-200 Industrial Way Trunk Sewer – E1
- 316-132 WWTF Water System Upgrade
- 316-139 Sanitary Sewer Impact Fees (Nexus Study)
- 335-104 Chromium-6 Pilot Study
- 410-128 Type-One Fire Engine Replacement
- 450-121 Storm Drain Impact Fees (Nexus Study)
- 450-122 Integrated Pest Management Plan (APMP)
- 460-534 B Street Ped/Bike Crossing Improvements
- 460-535 Solano Transportation Authority (STA) – Countywide Climate Adaptation Plan
- 531-323 Pavement Rehab Projects

Exhibit B of the Draft Resolution (Attachment 1) identifies all existing and proposed new projects in the CIP, per funding year and any completed projects have been removed from the exhibit.

Attachment 2 consists of a detailed report for each of the 108 projected Five-year CIP projects (excluding those removed), and includes the project descriptions, funding and expenditures. As noted above, the projects are related to plan/program updates and significant rehabilitation/repairs to various facilities/equipment. The numbering identifies the department/budget and the project number.

## **FINDINGS**

Based on the General Plan Policies identified in Exhibit A of Attachment 1, the CIP reflects the goals and policies of the [General Plan 2040](http://www.cityofdixon.us/generalplan) (click for link to Plan or navigate to [www.cityofdixon.us/generalplan](http://www.cityofdixon.us/generalplan)), particularly those that relate to maintenance of the City's existing infrastructure and infrastructure improvements needed to address the impacts of proposed development.

## **ENVIRONMENTAL**

Not applicable at this phase. The environmental determination for each project will be made prior to the award of the construction contract, or land acquisition, for each public works project. Financing and equipment purchases are not subject to the California Environmental Quality Act (CEQA).

## **ALTERNATIVES**

The Commission may find that one or more of the projects do not comply with the General Plan. The Commission may also find that one or more projects need to be added in order to implement the goals and policies of the General Plan.

## **RECOMMENDED ACTION**

Staff recommends that the Commission adopt the attached Resolution (Attachment 1) finding the Five-Year CIP in conformance with the City of Dixon's General Plan 2040.

Following the Planning Commission's action on finding of consistency, the CIP will be scheduled for review and approval of the City Council. It is anticipated that this item will be on the July 18, 2023 City Council agenda

## **ATTACHMENTS**

1 – Draft Resolution with following exhibits

- Exhibit A – Summary of new projects with General Plan Conformance Policies
- Exhibit B – 5-Year (FY24-28) CIP Summary

2. 5-Year CIP Detailed Project Descriptions with Funding Sources

**DIXON PLANNING COMMISSION**

**RESOLUTION NO. 2023-\_\_\_\_**

**A RESOLUTION OF THE DIXON PLANNING COMMISSION FINDING THE FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FOR FISCAL YEARS 2023/24 - 2027/28, CONSISTENT WITH THE DIXON GENERAL PLAN 2040**

\*\*\*\*\*

**WHEREAS**, the City Council of the City of Dixon adopted Resolution No. 21-099 on May 18, 2021, adopting the Dixon General Plan 2040; and

**WHEREAS**, Government Code Sections 65103 and 65104 requires the annual review of the Capital Improvement Plan ("CIP") for conformity with the General Plan; and

**WHEREAS**, with the adoption of the Dixon General Plan 2040, Transportation Impact Fee Update, as well as various Master Plans (Streets Master Plan, Water System Master Plan, Sewer System Master Plan), there have been significant revisions to the Five-Year CIP compared to the previous year; and

**WHEREAS**, on June 13 ,2023, the Planning Commission reviewed the projects identified in the Five-Year Capital Improvement Program (CIP) for Fiscal Years 2023/24 through 2027/28, a summary of projects which are attached hereto as Exhibits A and B, and incorporated herein by this reference, in relation to the General Plan goals and policies.

**NOW, THEREFORE, BE IT RESOLVED**, the Planning Commission of the City of Dixon finds that the 5-Year CIP for Fiscal Years 2023/24 through 2027/28, including the 22 new projects to be added to the CIP conforms to the goals and policies of the Dixon General Plan 2040 as identified in Exhibit A; and

**ADOPTED** at a regular meeting of the Planning Commission of the City of Dixon,  
State of California, on the 13<sup>th</sup> day of June 2023:

AYES:

NOES:

ABSENT:

---

JACK CALDWELL CHAIR  
DIXON PLANNING COMMISSION

Attest:

---

BRANDI ALEXANDER  
DEPUTY CLERK/SECRETARY

Exhibits

- A: New projects in the City of Dixon five-year Capital Improvement Program and General Plan Consistency
- B: Comprehensive Capital Improvement Plan by Department

Exhibit A			
NEW PROJECTS IN THE CITY OF DIXON FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM			
CIP Project Number	Project Name	Project Description	General Plan Conformance Policy
102-135	Climate Change Action Plan	Climate Change Action Plans (CCAP) is a comprehensive roadmap that outlines the specific activities that an agency will undertake to reduce greenhouse gas emissions.	NE-2.1, NE-4.1, PSF-6.1
102-136	Municipal Service Review	Update of the City's Municipal Services Review to ensure that development does not outpace the provision of public facilities.	LCC-1.8, LCC-1.C
305-201	Sewer Flow Monitoring	Perform flow monitoring twice annually to capture dry weather and wet weather flow data as part of an on-going inflow/infiltration (I/I) program.	PSF-2.6, PSF-2.7, PSF-2.F
305-216	SR113 Drainage Maintenance Agreement	A maintenance agreement from 3/15/2006 requires the city to maintain First Street from Parkway Boulevard to Junction Route 80.	PSF-2.7, PSF-2.8,
310-112	Milk Farm road I-80 Sewer Crossing - N2	The proposed new trunk sewer would expand service area for the long-term scenario. Improvements include: 2,350 linear feet of 8-inch and 660 linear feet of 10-inch sewer.	PSF-2.6, PSF-2.10, PSF-2.E
310-113	Northeast Quad Trunk Sewer - N3	The proposed new trunk sewer would expand service area for the long-term scenario. Improvements include: 1,120 linear feet of 12-inch, 2,250 linear feet of 18-inch, and 1,850 linear feet of 21-inch sewer.	PSF-2.6, PSF-2.10, PSF-2.E
310-114	Northeast Quad Trunk Sewer - Branch 1 - N4	The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 1,040 linear feet of 8-inch, 1,330 linear feet of 10-inch, and 1,360 linear feet of 12-inch sewer.	PSF-2.6, PSF-2.10, PSF-2.E
310-115	Northeast Quad Trunk Sewer - Branch 2 - N5	The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 525 linear feet of 8-inch, 525 linear feet of 10-inch, and 1,080 linear feet of 12-inch sewer.	PSF-2.6, PSF-2.10, PSF-2.E
310-116	Northeast Quad Trunk Sewer to Lift Station - N6a	The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 1,150 linear feet of 8-inch and 700 linear feet of 10-inch sewer.	PSF-2.6, PSF-2.10, PSF-2.E
310-117	Northeast Quad Lift Station & Force Main - N6b	The proposed new lift station and force main would expand service area for the long-term scenario. Improvements include: 3,140 linear feet of dual 4-inch force main and lift station with 450 gpm capacity for build-out	PSF-2.6, PSF-2.10, PSF-2.E
315-134	WWTF Barbed Wire Fence	Barbed wire replacement for approx. 1400 linear feet of chain link fence at the WWTF	PSF-2.6
315-137	WWTF PE Basin Power Gate	1 New Cantilever Gate, 1 New Gate Operator, with Lazer Opening Sensor, Keypad, Knox Key Switch and 8 Programed Remotes installed in a 22-foot opening.	PSF-2.6
315-200	Industrial Way Trunk Sewer - E1	The Industrial Way Trunk is deficient in sewer capacity. It is recommended that the City begin preliminary	PSF-2.6, PSF-2.10, PSF-2.E
316-132	WWTF Water System Upgrade	2021 - Air Release Valve Improvements; existing well improvements for process water, new well pump/motor. 2022- Pressure Regulator Improvements	PSF-2.6
316-139	Sanitary Sewer Impact Fees (Nexus Study)	Nexus study to review and update impact fees (AB1600) related to the sanitary sewer system.	PSF-2.6
335-104	Chromium-6 Pilot Study	This project aims to perform a preliminary study on how to address the most recent Department of Drinking Water (DDW) regulations for hexavalent chromium (chromium-6) on the City water system.	PSF-2.2, PSF-2.4, PSF-2.D
410-128	Type-One Fire Engine Replacement	Replacement of existing Type one fire engine.	PSF-1.2, PSF-1.3
450-121	Storm Drain Impact Fees (Nexus Study)	Nexus study to review and update impact fees (AB1600) related to the storm drain collection system.	PSF-2.7
450-122	Integrated Pest Management Plan	Development of a pest management plan for existing storm drain collection facilities.	NE-1.6, PSF-2.7
460-534	B Street Ped/Bike Crossing Improvements	Improvements to the pedestrian/bicycle crossing at the B Street crossing on SR113.	M-1.1, M-1.3, M-1.4, M-1.5, M-1.A, PSF 6.1
460-535	STA - Countywide Climate Adaptation Plan	The Solano Transportation Authority (STA) is working with member agencies to update its Countywide Climate Adaptation Plan.	M-3.6, PSF-6.1
531-323	Pavement Rehab Projects	Pavement treatment/maintenance (i.e. limited to mostly slurry or microsurfacing) of various streets throughout the community	M-1.10, M-1.11, PSF-6.1

City of Dixon, California  
*Comprehensive Capital Improvement Plan*  
 2024 thru 2028

**PROJECTS BY DEPARTMENT**

Department	Project #	2024	2025	2026	2027	2028	Total
<b>102 - Council Discretionary</b>							
Housing Element	102-133	115,000					115,000
Climate Change Action Plan	102-135	123,500					123,500
Municipal Service Review	102-136	123,500					123,500
<b>102 - Council Discretionary Total</b>		<b>362,000</b>					<b>362,000</b>
<b>143 - Engineering</b>							
Engineering Specifications Project	143-102				150,000		150,000
ADA Compliance Program	143-103		50,000				50,000
<b>143 - Engineering Total</b>			<b>50,000</b>		<b>150,000</b>		<b>200,000</b>
<b>305 - Sewer O&amp;M</b>							
Sewer Flow Monitoring	305-201		21,500				21,500
SR113 Drainage Maintenance Agreement	305-216		21,000				21,000
<b>305 - Sewer O&amp;M Total</b>			<b>42,500</b>				<b>42,500</b>
<b>310 - Wastewater (New)</b>							
Milk Farm Road I-80 Sewer Crossing - N2	310-112			761,500			761,500
Northeast Quad Trunk Sewer - N3	310-113			1,838,500			1,838,500
Northeast Quad Trunk Sewer - Branch 1 - N4	310-114				663,500		663,500
Northeast Quad Trunk Sewer - Branch 2 - N5	310-115				407,500		407,500
Northeast Quad Trunk Sewer to Lift Station - N6a	310-116			533,500			533,500
Northeast Quad Lift Station & Force Main - N6b	310-117			1,309,500			1,309,500
<b>310 - Wastewater (New) Total</b>				<b>4,443,000</b>	<b>1,071,000</b>		<b>5,514,000</b>
<b>315 - Wastewater (Rehab)</b>							
North Lincoln Sewer Lift Station Improvements	315-130	500		1,500,000			1,500,500
WWTF Barbed Wire Fence	315-134	30,500					30,500
WWTF PE Basin Power Gate	315-137	33,500					33,500
Industrial Way Trunk Sewer - E1	315-200		636,500				636,500
<b>315 - Wastewater (Rehab) Total</b>		<b>64,500</b>	<b>636,500</b>	<b>1,500,000</b>			<b>2,201,000</b>
<b>316 - Wastewater (Mixed)</b>							
Quarterly Groundwater Monitoring Program	316-115	15,000	15,000	15,000	15,000		60,000
WWTF Water System Upgrade	316-132	50,000					50,000
Sanitary Sewer Impact Fees (Nexus Study)	316-139	80,500					80,500
<b>316 - Wastewater (Mixed) Total</b>		<b>145,500</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>		<b>190,500</b>
<b>334 - Water (New)</b>							
Northeast Quadrant North #3 Facility	334-102			6,300,000			6,300,000

Department	Project #	2024	2025	2026	2027	2028	Total
<b>334 - Water (New) Total</b>		<b>6,300,000</b>					<b>6,300,000</b>
<b>335 - Water (Rehab)</b>							
Chromium-6 Pilot Study	335-104	12,000					12,000
Water Meter Replacement/Upgrade Program	335-110			250,000	250,000	250,000	750,000
Valve Exercising Program	335-115	50,000	50,000	50,000	50,000	50,000	250,000
Watson Ranch Well Improvements	335-126		205,000				205,000
Industrial Well Replacement	335-130			3,000,000			3,000,000
Arc Flash Study & Labeling	335-134		25,000				25,000
Generator Replacement Program	335-136			150,000	150,000		300,000
Parklane Electrical Upgrades	335-138				250,000	200,000	450,000
Asbestos Concrete Pipe Replacement	335-141			550,000	570,000	585,000	1,705,000
Distribution System Appurtenance Replacement	335-142			570,000	585,000	605,000	1,760,000
Watson Ranch Tank Rehab	335-143		150,000				150,000
School Well Site Upgrades	335-144		495,000	600,000			1,095,000
Urban Water Management Plan	335-147		50,500				50,500
Storage Tank Piping Seismic Upgrades	335-151			200,000			200,000
Fitzgerald Tank Rehab	335-152		100,000				100,000
Fitzgerald Electrical & Mechanical Upgrades	335-154				410,000		410,000
Storage Tank Management Plan	335-159			30,000			30,000
Parklane Tank #1 Rehab	335-160		200,000				200,000
Parklane Tank #2 Rehab	335-161				200,000		200,000
Chromium 6 Treatment Implementation	335-162				18,000,000		18,000,000
Hydropneumatic Tank Rehab	335-163		30,000				30,000
Water Ops: Cyber Security Implementation	335-164		50,000	150,000			200,000
Watson Ranch Well Replacement	335-166			450,000	3,200,000		3,650,000
Park Lane Instrumentation Upgrades	335-169		55,000				55,000
Valley Glen Well Instrumentation Upgrades	335-171		35,000				35,000
Valley Glen Hydropneumatic Tank Rehab	335-172		30,000				30,000
Watson Ranch Instrumentation Upgrades	335-173		25,000				25,000
Water Ops: Cyber Security: Telecomm Upgrades	335-174			500,000			500,000
<b>335 - Water (Rehab) Total</b>		<b>62,000</b>	<b>1,500,500</b>	<b>6,500,000</b>	<b>23,665,000</b>	<b>1,690,000</b>	<b>33,417,500</b>
<b>410 - Fire</b>							
Fire Station 82 - Southwest	410-106		7,345,000				7,345,000
Fire Station 81 - Training Center Expansion	410-109		150,000	50,000	50,000		250,000
Fire Station 81 - Dorm and Kitchen Remodel	410-110		255,000				255,000
Fire Station 81 - Interior and Exterior Painting	410-112		50,000				50,000
Fire Station 81 - Flooring	410-113		80,000				80,000
Fire Station 81 - Parking Lot with New Drains	410-114			1,000,000			1,000,000
Fire Station 81 - Station Alerting System	410-115		250,000				250,000
Fire Station 81 - Turnout Extractor	410-121		30,000				30,000
Fire Station 81 - Commercial Stove	410-123		8,000				8,000
Fire Station 81 - Station Generator	410-127			250,000			250,000
Type One Fire Engine Replacement	410-128		950,000				950,000
<b>410 - Fire Total</b>			<b>9,118,000</b>	<b>1,300,000</b>	<b>50,000</b>		<b>10,468,000</b>
<b>420 - Police</b>							
Police Station 2nd Story Expansion	420-103		1,835,000				1,835,000
PD Flooring & Painting	420-106		85,000				85,000
<b>420 - Police Total</b>			<b>1,920,000</b>				<b>1,920,000</b>
<b>450 - Storm Drain Facilities</b>							



Department	Project #	2024	2025	2026	2027	2028	Total
DRCD Outfall Improvements	450-105		545,000	1,800,000			2,345,000
Southwest Area Drainage	450-106		110,000				110,000
South Almond Area Drainage Improvements	450-112		1,670,000				1,670,000
Eastside Drainage Project	450-115		3,430,000				3,430,000
Storm Drain Impact Fees (Nexus Study)	450-121	80,500					80,500
Integrated Pest Management Plan	450-122	11,500					11,500
<b>450 - Storm Drain Facilities Total</b>		<b>92,000</b>	<b>5,755,000</b>	<b>1,800,000</b>			<b>7,647,000</b>
<b>451 - Core Area Drainage</b>							
Core Area Drainage Rehabilitation Project	451-100		2,675,000				2,675,000
<b>451 - Core Area Drainage Total</b>			<b>2,675,000</b>				<b>2,675,000</b>
<b>460 - Transportation</b>							
Pitt School Road Interchange Study	460-203		350,000				350,000
Vaughn Road Realignment Improvements	460-318			5,670,000			5,670,000
South Adams Street Paving	460-319					300,000	300,000
5 Year Sub Division Slurry Projects	460-325	200,000					200,000
Pitt School Road/Stratford Avenue Improvements	460-406					660,000	660,000
Pitt School Road/Market Lane Traffic Signal	460-407					435,000	435,000
Pitt School Road/ West H Street Traffic Signal	460-411					435,000	435,000
West A Street/Lincoln Street Traffic Signal	460-414					435,000	435,000
Miscellaneous Traffic Signal Upgrades	460-415					240,000	240,000
SR113/H Intersection Improvements	460-418					1,015,000	1,015,000
Downtown Streetscape Improvements	460-501		845,000				845,000
SR113 Bikeway Improvements	460-502					1,099,000	1,099,000
Pitt School Rd. Bike Improvements	460-504			350,000			350,000
Pedrick Road Rehabilitation Project	460-505			680,000			680,000
West A Street Bikeway Improvements	460-507				912,000		912,000
N Lincoln/Parkgreen Bikeway Improvements	460-508				196,000		196,000
Sidewalk Gap Closures	460-509			505,000			505,000
Safe Routes to Transit Ped Crossings	460-511					140,000	140,000
I-80 and West A St Lighting Improvements	460-517					68,000	68,000
I-80 and Pedrick Road Lighting Improvements	460-518					68,000	68,000
North Adams St/West H St Intersection	460-522					371,000	371,000
RR Crossing at Pedrick	460-523					960,000	960,000
RR Crossing at A St	460-524					1,450,000	1,450,000
RR Crossing Closure at Pitt School Rd	460-525			150,000			150,000
Central Area Safety Improvements	460-527			213,000			213,000
N. Adams Street Bike Path	460-530				260,000		260,000
Train Station Bike Path	460-531					776,000	776,000
S. First St Corridor Improvements	460-532	220,500	30,000	650,000		1,090,000	1,990,500
B Street Ped/Bike Crossing Improvements	460-534	310,500					310,500
STA - Countywide Climate Adaptation Plan	460-535	6,000					6,000
<b>460 - Transportation Total</b>		<b>737,000</b>	<b>1,225,000</b>	<b>8,218,000</b>	<b>1,368,000</b>	<b>9,542,000</b>	<b>21,090,000</b>
<b>461 - Parkway Boulevard</b>							
Parkway Boulevard Railroad Grade Separation	461-601		32,300,000				32,300,000
<b>461 - Parkway Boulevard Total</b>			<b>32,300,000</b>				<b>32,300,000</b>
<b>470 - Transit</b>							
Market Lane Park & Ride Parking Lot	470-105					300,000	300,000
<b>470 - Transit Total</b>						<b>300,000</b>	<b>300,000</b>

Department	Project #	2024	2025	2026	2027	2028	Total
<b>480 - Parks (AB1600)</b>							
Hall Park Phase 4	480-131	10,000					10,000
SW Community Park/Community Center/Aquatics Center	480-133			1,510,000			1,510,000
<b>480 - Parks (AB1600) Total</b>		<b>10,000</b>		<b>1,510,000</b>			<b>1,520,000</b>
<b>530 - Gas Tax</b>							
Sidewalk Reimbursement Program	530-102	11,000	11,000				22,000
<b>530 - Gas Tax Total</b>		<b>11,000</b>	<b>11,000</b>				<b>22,000</b>
<b>531 - RMRA</b>							
Pavement Rehab Projects	531-323	665,500					665,500
<b>531 - RMRA Total</b>		<b>665,500</b>					<b>665,500</b>
<b>651 - Valley Glen CFD</b>							
Storm Water - Pond A - Access Road	651-139		635,000				635,000
<b>651 - Valley Glen CFD Total</b>			<b>635,000</b>				<b>635,000</b>
<b>655 - Brookfield CFD</b>							
Storm Water - Pond C - Access Road	655-601		405,000				405,000
<b>655 - Brookfield CFD Total</b>			<b>405,000</b>				<b>405,000</b>
<b>GRAND TOTAL</b>		<b>2,149,500</b>	<b>56,288,500</b>	<b>31,586,000</b>	<b>26,319,000</b>	<b>11,532,000</b>	<b>127,875,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 102 - Council Discretionary

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 102-133  
Project Name Housing Element

Total Project Cost: \$334,257

## Description

The city is working in partnership with other cities in Solano County and the Transportation Authority to share a single consultant to prepare all housing elements and utilize common background data that is applicable to all cities, in an effort to have an updated Housing Element adopted and certified by the State by late 2022/early 2023

## Justification

The update of a City's housing element is required by the State of California every 8 years. The next housing element cycle (6th Cycle) is to cover the years 2023-2031.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
219,257	Project Admin	15,000					15,000
Total	Consultants - Professional	85,000					85,000
	Advertisements	5,000					5,000
	Legal Services	10,000					10,000
	Total	115,000					115,000

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
219,257	102 - Council Discretionary	115,000					115,000
Total	Total	115,000					115,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 102 - Council Discretionary

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 102-135  
Project Name Climate Change Action Plan

Total Project Cost: \$207,500

## Description

Climate Change Action Plans (CCAP) is a comprehensive roadmap that outlines the specific activities that an agency will undertake to reduce greenhouse gas emissions. Climate action plans build upon the information gathered by greenhouse gas inventories and generally focus on those activities that can achieve the relatively greatest emission reductions in the most cost effective manner. The CCAP would also serve as a streamlining measures for individual development projects to not have to undergo their own individual greenhouse gas emissions study.

## Justification

The development of a CCAP is an action item from the 2015-2023 Housing Element and recent adoption of General Plan 2040

Prior	Expenditures	2024	2025	2026	2027	2028	Total
84,000	Project Admin	15,000					15,000
	Consultants - Professional	85,000					85,000
	Advertisements	5,000					5,000
	County Charges	2,500					2,500
	Legal Services	15,000					15,000
	Special Supplies	1,000					1,000
	<b>Total</b>	<b>123,500</b>					<b>123,500</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
84,000	102 - Council Discretionary	123,500					123,500
	<b>Total</b>	<b>123,500</b>					<b>123,500</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 102 - Council Discretionary

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 102-136  
Project Name Municipal Service Review

Total Project Cost: \$123,500

Description

Update of the City's Municipal Services Review to ensure that development does not outpace the provision of public facilities.

Justification

It has been over five years since the previous update of the Municipal Service Review. Additionally, the Municipal Service Review update is being requested in part by LAFCo for future development within the Cty.

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	15,000					15,000
Consultants - Professional	85,000					85,000
Advertisements	5,000					5,000
County Charges	2,500					2,500
Legal Services	15,000					15,000
Special Supplies	1,000					1,000
<b>Total</b>	<b>123,500</b>					<b>123,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
102 - Council Discretionary	123,500					123,500
<b>Total</b>	<b>123,500</b>					<b>123,500</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 143 - Engineering

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 143-102

Project Name Engineering Specifications Project

Total Project Cost: \$150,000

Description

An update to Sections 1 and 3 of the Dixon Engineering Standards and Specifications was adopted in 2022.. In order for the Specifications to remain relevant, a review of the Specifications should be done every 5 years to ensure the Specifications meet current standards.

Justification

In order to remain relevant, Engineering Specifications should be revised every 5 years.

Expenditures	2024	2025	2026	2027	2028	Total
Consultants - Professional				150,000		150,000
Total				150,000		150,000

Funding Sources	2024	2025	2026	2027	2028	Total
143 - PW Engineering				150,000		150,000
Total				150,000		150,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 143 - Engineering

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 143-103

Project Name ADA Compliance Program

Total Project Cost: \$50,000

Description

ADA compliance program

Justification

ADA specs require additional detail and compliance to meet ADA Standards and requirements.

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin		50,000				50,000
Total		50,000				50,000

Funding Sources	2024	2025	2026	2027	2028	Total
143 - PW Engineering		50,000				50,000
Total		50,000				50,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 305 - Sewer O&M

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 305-201  
Project Name Sewer Flow Monitoring

Total Project Cost: \$21,500

## Description

Perform flow monitoring twice annually to capture dry weather and wet weather flow data as part of an on-going inflow/infiltration (I/I) program.

## Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 4.3 of the SCSMP describes the sewer collection system flow monitoring. The executive summary section ES.9 recommends continued monitoring of the sewer system to ensure the hydraulic model is calibrated for use as a living city tool.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		20,000				20,000
Project Admin		1,000				1,000
Advertisements		500				500
<b>Total</b>		<b>21,500</b>				<b>21,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M		21,500				21,500
<b>Total</b>		<b>21,500</b>				<b>21,500</b>



Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 305 - Sewer O&M

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 305-216  
Project Name SR113 Drainage Maintenance Agreement

Total Project Cost: \$21,000

Description

A maintenance agreement from 3/15/2006 requires the city to maintain First Street from Parkway Boulevard to Junction Route 80.

Justification

The culverts and ditches along First Street need maintenance to prevent flooding on roadway.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		20,000				20,000
Project Admin		1,000				1,000
Total		21,000				21,000

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M		21,000				21,000
Total		21,000				21,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-112

Project Name Milk Farm Road I-80 Sewer Crossing - N2

Total Project Cost: \$761,500

## Description

The proposed new trunk sewer would expand service area for the long-term scenario. Improvements include: 2,350 linear feet of 8-inch and 660 linear feet of 10-inch sewer.

## Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			634,000			634,000
Project Management			10,000			10,000
Project Admin			5,000			5,000
Consultants - Professional			112,000			112,000
Advertisements			500			500
<b>Total</b>			<b>761,500</b>			<b>761,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M			761,500			761,500
<b>Total</b>			<b>761,500</b>			<b>761,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-113

Project Name Northeast Quad Trunk Sewer - N3

Total Project Cost: \$1,838,500

## Description

The proposed new trunk sewer would expand service area for the long-term scenario. Improvements include: 1,120 linear feet of 12-inch, 2,250 linear feet of 18-inch, and 1,850 linear feet of 21-inch sewer.

## Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			1,550,000			1,550,000
Project Management			10,000			10,000
Project Admin			5,000			5,000
Consultants - Professional			273,000			273,000
Advertisements			500			500
<b>Total</b>			<b>1,838,500</b>			<b>1,838,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M			1,838,500			1,838,500
<b>Total</b>			<b>1,838,500</b>			<b>1,838,500</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-114  
Project Name Northeast Quad Trunk Sewer - Branch 1 - N4

Total Project Cost: \$663,500

Description

The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 1,040 linear feet of 8-inch, 1,330 linear feet of 10-inch, and 1,360 linear feet of 12-inch sewer.

Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction				550,000		550,000
Project Management				10,000		10,000
Project Admin				5,000		5,000
Consultants - Professional				98,000		98,000
Advertisements				500		500
Total				663,500		663,500

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M				663,500		663,500
Total				663,500		663,500

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-115

Project Name Northeast Quad Trunk Sewer - Branch 2 - N5

Total Project Cost: \$407,500

Description

The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 525 linear feet of 8-inch, 525 linear feet of 10-inch, and 1,080 linear feet of 12-inch sewer.

Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction				333,000		333,000
Project Management				10,000		10,000
Project Admin				5,000		5,000
Consultants - Professional				59,000		59,000
Advertisements				500		500
Total				407,500		407,500

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M				407,500		407,500
Total				407,500		407,500

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-116

Project Name Northeast Quad Trunk Sewer to Lift Station - N6a

Total Project Cost: \$533,500

Description

The proposed new trunk sewer branch would expand service area for the long-term scenario. Improvements include: 1,150 linear feet of 8-inch and 700 linear feet of 10-inch sewer.

Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			440,000			440,000
Project Management			10,000			10,000
Project Admin			5,000			5,000
Consultants - Professional			78,000			78,000
Advertisements			500			500
Total			533,500			533,500

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M			533,500			533,500
Total			533,500			533,500

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 310 - Wastewater (New)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 310-117

Project Name Northeast Quad Lift Station & Force Main - N6b

Total Project Cost: \$1,309,500

## Description

The proposed new lift station and force main would expand service area for the long-term scenario. Improvements include: 3,140 linear feet of dual 4-inch force main and lift station with 450 gpm capacity for build-out scenario.

## Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.2 describes the recommended future sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			1,100,000			1,100,000
Project Management			10,000			10,000
Project Admin			5,000			5,000
Consultants - Professional			194,000			194,000
Advertisements			500			500
<b>Total</b>			<b>1,309,500</b>			<b>1,309,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M			1,309,500			1,309,500
<b>Total</b>			<b>1,309,500</b>			<b>1,309,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 315 - Wastewater (Rehab)  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 315-130  
**Project Name** North Lincoln Sewer Lift Station Improvements

**Total Project Cost:** \$1,755,500

## Description

Reconstruct the sewer lift station located on North Lincoln Street to included new piping, overflow improvements, removable submersible pumps, backup generator, abandon dry well, and site improvements. .

Public Works maintenance staff is currently repairing pipes and pumps at the lift station to keep the system operating however the repairs are becoming significant and will require reconstruction of the system. FY 2019/20 includes funding for SRF loan application to fund construction with repayment from development fees & Operations and Maintenance fees. Project will be designed and advertised for bidding in FY 2023/24

Reconstruction of the lift station will require bypass pumping to keep the system in operation during construction

## Justification

The existing lift station on North Lincoln Street is deteriorating and requires a significant amount of maintenance. The original lift station was located in the street and was relocated to its current location when North Lincoln Street was widened. The piping system was constructed to divert flow to the current lift station, however the pipe is cracked and needs to be replaced. In addition, the existing emergency overflow piping is inadequate, leading to near overflow conditions if operated. The placement of the existing pumps in the dry well require maintenance staff to enter the confined space for routine and emergency service to the pumps. Installing removable submersible pumps increases efficiency and longevity while limiting exposure of maintenance staff to hazardous conditions.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
255,000	Construction			1,500,000			1,500,000
Total	Advertisements	500					500
	<b>Total</b>	<b>500</b>		<b>1,500,000</b>			<b>1,500,500</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
255,000	315 - Wastewater Capital (Rehab)	500		1,500,000			1,500,500
Total	<b>Total</b>	<b>500</b>		<b>1,500,000</b>			<b>1,500,500</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 315 - Wastewater (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 315-134  
Project Name WWTF Barbed Wire Fence

Total Project Cost: \$46,500

## Description

Barbed wire replacement for approx. 1400 linear feet of chain link fence at the WWTF

## Justification

Replacement of barbed wire fence is needed to facilitate increased security at the WWTF, as well as help keep tumbleweeds from adjacent properties from entering the plant.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
16,000	Construction	30,000					30,000
	Project Admin	500					500
Total	Total	30,500					30,500

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
16,000	315 - Wastewater Capital (Rehab)	30,500					30,500
Total	Total	30,500					30,500

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 315 - Wastewater (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 315-137

Project Name WWTF PE Basin Power Gate

Total Project Cost: \$33,500

## Description

1 New Cantilever Gate, 1 New Gate Operator, with Lazer Opening Sensor, Keypad, Knox Key Switch and 8 Programed Remotes installed in a 22-foot opening.

## Justification

The current gate has been damaged by someone hitting it with a vehicle and drags the ground. It is a long gate 22 feet long swing with signs on it and with the high winds out here and can get ripped out of you hands when opening or closing it which is unsafe. The proposed new gate will be a powered sliding cantilever gate which will make it easier to access and to make sure the property is always secured.

Expenditures	2024	2025	2026	2027	2028	Total
Construction	33,000					33,000
Project Admin	500					500
<b>Total</b>	<b>33,500</b>					<b>33,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
315 - Wastewater Capital (Rehab)	33,500					33,500
<b>Total</b>	<b>33,500</b>					<b>33,500</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 315 - Wastewater (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 315-200

Project Name Industrial Way Trunk Sewer - E1

Total Project Cost: \$636,500

Description

The Industrial Way Trunk is deficient in sewer capacity. It is recommended that the City begin preliminary

Justification

On March 21, 2023 City Council approved the Sewer Collection System Master Plan (SCSMP). Section 10.1 describes the recommended existing sewer system improvements that are required in order to meet the recommended level of service criteria described in Chapter 5.0 and Chapter 6.0. To meet existing PWWF conditions, it would require a 12-inch sewer, but under future development conditions a 15-inch sewer needed. Therefore, it is recommended that 15-inch sewer be installed to avoid additional improvements in the near-term future.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		525,000				525,000
Project Management		10,000				10,000
Project Admin		1,000				1,000
Consultants - Professional		100,000				100,000
Advertisements		500				500
Total		636,500				636,500

Funding Sources	2024	2025	2026	2027	2028	Total
305 - Wastewater O&M		636,500				636,500
Total		636,500				636,500

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 316 - Wastewater (Mixed)  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Master Plan/Study/Report/Pro

**Project #** 316-115  
**Project Name** Quarterly Groundwater Monitoring Program

**Total Project Cost:** \$90,000

Description
Quarterly groundwater monitoring of wells at and near the Wastewater Treatment Plant to monitor potential impacts of wastewater on regional groundwater basin.
Wells installed. Monitoring program implemented and is ongoing. Project was included in the 2013 Wastewater Rate Study approved by City Council. The 2013 Wastewater Rate Study assumed a 75% ratepayer and 25% development fee funding split.
California Regional Water Quality Control Board and properties with off-site monitoring wells.

Justification
Required by Regional Water Quality Control Board.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
30,000	Planning/Enviro/Design	15,000	15,000	15,000	15,000		60,000
<b>Total</b>	<b>Total</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>		<b>60,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
30,000	316 - Wastewater Capital (Mixed)	15,000	15,000	15,000	15,000		60,000
<b>Total</b>	<b>Total</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>		<b>60,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 316 - Wastewater (Mixed)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Unassigned

**Project #** 316-132  
**Project Name** WWTF Water System Upgrade

**Total Project Cost:** \$397,225

Description
2021 - Air Release Valve Improvements; existing well improvements for process water, new well pump/motor 2022- Pressure Regulator Improvements 2023 - Surge Tank Improvement

Justification
Treatment plant experiencing severe hammer effects at water service location causing damage to various valves and devices.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
347,225	Construction	50,000					50,000
<b>Total</b>	<b>Total</b>	<b>50,000</b>					<b>50,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
347,225	316 - Wastewater Capital (Mixed)	50,000					50,000
<b>Total</b>	<b>Total</b>	<b>50,000</b>					<b>50,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 316 - Wastewater (Mixed)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 316-139

Project Name Sanitary Sewer Impact Fees (Nexus Study)

Total Project Cost: \$80,500

## Description

Nexus study to review and investigate impact fees (AB1600) related to the sanitary sewer system.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	5,000					5,000
Consultants - Professional	75,000					75,000
Advertisements	500					500
<b>Total</b>	<b>80,500</b>					<b>80,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
316 - Wastewater Capital (Mixed)	80,500					80,500
<b>Total</b>	<b>80,500</b>					<b>80,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 334 - Water (New)  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 334-102  
**Project Name** Northeast Quadrant North #3 Facility

**Total Project Cost:** \$6,300,000

## Description

This project will construct a well, tank and booster facility, including a deepwell with 2,000 gpm capacity, a one-million gallon tanks and a 2,660 gpm booster pump station. Other appurtenances include chlorination equipment, hydropneumatic tank, emergency generator, and electrical, metering and control equipment and Cr6 treatment. Funding of this work will be by developers through development agreement with the City of Dixon. Extension of the distribution system to this facility will be the responsibility of the developers of the Northeast Quadrant (NEQ) Specific Plan Area.

The location of the facility has been determined and the well test hole is complete. Plans, Specifications & Estimate were completed in February 2014. The design needs to be updated to include Chromium 6 treatment. Future work includes completion of the design and right-of-way documentation, and construction and start-up of the facility. The City terminated a \$3 million EDA Grant in January 2015 due to increase in costs associated with Chromium 6 treatment and the inability to permit the project prior to the September 2015 deadline. The City would seek EDA funding again once the developers execute a new funding agreement.

Agency Stakeholders: CA State Water Resources Control Board, Division of Drinking Water (permitting of facilities); US Economic Development Agency (grant funding); Northeast Quadrant developers

## Justification

This project is required to meet proposed development demands in the northeast quad.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			200,000			200,000
Construction			5,000,000			5,000,000
Project Management			600,000			600,000
Contingency			500,000			500,000
<b>Total</b>			<b>6,300,000</b>			<b>6,300,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
Developer Agreements			2,100,000			2,100,000
Grants			4,200,000			4,200,000
<b>Total</b>			<b>6,300,000</b>			<b>6,300,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Master Plan/Study/Report/Pro

**Project #** 335-104  
**Project Name** Chromium-6 Pilot Study

**Total Project Cost:** \$12,000

## Description

This project aims to perform a preliminary study on how to address the most recent Department of Drinking Water (DDW) regulations for hexavalent chromium (chromium-6) on the City water system.

The City entered into an agreement with Kennedy Jenks Consultants to complete the study in FY14/15. The study was originally scheduled to be completed in FY15/16 but should be completed in Summer 17. The original plan was to incorporate recommendations of the analysis into the Water Master Plan/Strategic Asset Management Plan and the Water Rate Study. On 9/11/17, the State Water Board "officially" rescinded the Chromium 6 MCL.

Budget appropriation added to FY21/22 for Pilot Program.

## Justification

DDW is required by California law to set a maximum contaminant level (MCL) for chromium-6 as close to public health goal as technically and economically feasible. The State Office of Environmental Health Hazard Assessment established a final public health goal of 0.02 parts per billion (ppb) on July 27, 2011. Since 2001, DDW has been gathering data associated with chromium-6 occurrence, treatment, and cost and using that data to develop the proposed MCL. In 2014, the final regulation package for chromium-6 took effect, establishing a MCL for chromium-6 at 10 ppb. As noted above, on 9/11/17, in response to a lawsuit, the State Water Board rescinded the chromium-6 MCL. The State no longer monitors nor enforces the MCL. It only monitors the prior MCL for Total Chromium of 50 ppb. Pending further notice and possible change of MCL limits required by DDW.

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	2,000					2,000
Consultants - Professional	10,000					10,000
<b>Total</b>	<b>12,000</b>					<b>12,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)	12,000					12,000
<b>Total</b>	<b>12,000</b>					<b>12,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-110  
**Project Name** Water Meter Replacement/Upgrade Program

**Total Project Cost:** \$1,000,000

## Description

This project is to update all meters in the City's water system to automated meter reading (AMR) over the next 6 years, and ultimately to City wide autoamted meter infrastructure (AMI).

## Justification

Based on industry standards, the meters are assumed to last 15 years and will be replaced with remote reading meters per City standards, which are compatible with the existing system. Replacement of existing meters will improve accuracy of water billing and usage data, which contribute to water conservation and accurate customer invoicing. Approximately 1/15 of the meter inventory is planned to be replaced annually, though this is dependent upon funding. Analysis of existing meters will provide basic information to plan the annual replacement program. To improve efficiency, water conservation, data tracking and leak detection per state regualtions (AB1668 and SB606).

Expenditures	2024	2025	2026	2027	2028	Total	Future
Construction			250,000	250,000	250,000	750,000	250,000
<b>Total</b>			250,000	250,000	250,000	750,000	<b>Total</b>

Funding Sources	2024	2025	2026	2027	2028	Total	Future
335 - Water Capital (Rehab)			250,000	250,000	250,000	750,000	250,000
<b>Total</b>			250,000	250,000	250,000	750,000	<b>Total</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-115  
**Project Name** Valve Exercising Program

**Total Project Cost:** \$451,500

## Description

This project is for an on-going valve exercising and replacement program originally started in FY 15-16.

## Justification

Water valves are required to be exercised on a regular basis in order for them to function properly and prevent damage during use. Funding is utilized for replacement of valves that are no longer functioning properly.

Prior	Expenditures	2024	2025	2026	2027	2028	Total	Future
151,500	Construction	45,000	45,000	45,000	45,000	45,000	225,000	50,000
	Project Admin	5,000	5,000	5,000	5,000	5,000	25,000	
<b>Total</b>								<b>Total</b>
	<b>Total</b>	50,000	50,000	50,000	50,000	50,000	250,000	

Prior	Funding Sources	2024	2025	2026	2027	2028	Total	Future
151,500	335 - Water Capital (Rehab)	50,000	50,000	50,000	50,000	50,000	250,000	50,000
<b>Total</b>								<b>Total</b>
	<b>Total</b>	50,000	50,000	50,000	50,000	50,000	250,000	

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-126  
**Project Name** Watson Ranch Well Improvements

**Total Project Cost:** \$1,030,000

## Description

Improvements include the replacement and maintenance of components and equipment that has exceeded its industry useful life. Remove the well pump, motor, and column, inspect and repair any damaged casing. Upgrade the column, pump and motor to a water lube system with a deeper suction inlet.

## Justification

The well was originally installed in 1987. It is only 900 feet deep, and has infiltration from a shallow sanitary seal. The sanitary seal/annular seal should be lowered to a lower depth. The motor should be increased to a larger HP, and the pump upgraded to a water lubed system. The column should be upgraded for use with a lower suction inlet to combat drought spans.

Expenditures	2024	2025	2026	2027	2028	Total	Future
Planning/Enviro/Design		200,000				200,000	825,000
Project Admin		5,000				5,000	
<b>Total</b>		<b>205,000</b>				<b>205,000</b>	<b>Total</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total	Future
335 - Water Capital (Rehab)		205,000				205,000	825,000
<b>Total</b>		<b>205,000</b>				<b>205,000</b>	<b>Total</b>

Comprehensive Capital Improvement Plan  
City of Dixon, California

2024 thru 2028

Department 335 - Water (Rehab)  
Contact Senior Civil Engineer  
Type Maintenance/Repair/Replacement  
Useful Life  
Category Infrastructure

Project # 335-130  
Project Name Industrial Well Replacement

Total Project Cost: \$3,000,000

Description

Replacing Industrial Well (DW 44), currently designated by the State as an emergency standby source that has exceeded its useful life. The replacement well has been investigated and designed to be drilled on the Fitzgerald storage tank/booster station facility.

Justification

Industrial well was reclassified through the state as an emergency standby source and needs to be replaced. Identified by operators, and using the WSMP update, the well should be completely replaced on the Fitzgerald property next to the storage tank.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			2,980,000			2,980,000
Project Admin			20,000			20,000
Total			3,000,000			3,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)			3,000,000			3,000,000
Total			3,000,000			3,000,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-134  
**Project Name** Arc Flash Study & Labeling

**Total Project Cost:** \$25,000

**Description**

The City water system conducted a full Arc Flash study of all its electrical components in 2020. An arc flash study is required every five years to ensure all electrical components are functioning properly and are safe.

**Justification**

It is recommended that Arc flash studies should be conducted every 3 years. The City last completed a study in August of 2020. The Arc flash surveys assess and identify problems with the electrical components of the pumping facilities.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		25,000				25,000
<b>Total</b>		<b>25,000</b>				<b>25,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		25,000				25,000
<b>Total</b>		<b>25,000</b>				<b>25,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-136  
**Project Name** Generator Replacement Program

**Total Project Cost:** \$600,000

## Description

Scope includes replacement of generator and auto transfer switch.

## Justification

The WSMP identified the need to establish a capital fund in preparation of potential failure of an emergency generator. Each facility is equipped with emergency power that is maintained and exercised regularly; but with some of the units reaching, or exceeding their industry useful life span, it is necessary to prepare to replace in the event of failure.

Expenditures	2024	2025	2026	2027	2028	Total	Future
Construction			150,000	150,000		300,000	300,000
<b>Total</b>			150,000	150,000		300,000	<b>Total</b>

Funding Sources	2024	2025	2026	2027	2028	Total	Future
335 - Water Capital (Rehab)			150,000	150,000		300,000	300,000
<b>Total</b>			150,000	150,000		300,000	<b>Total</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-138  
**Project Name** Parklane Electrical Upgrades

**Total Project Cost:** \$450,000

## Description

Project includes replacing equipment that has reached the end of its industry useful life span, including pump VFD, surge suppressor, transfer switch, and various electrical/instrumentation control components.

## Justification

The WSMP identified various electrical or instrumentation components that have reached, or exceeded their industry useful life span. These should be repaired or replaced to ensure the facility continues to operate efficiently.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design				40,000	10,000	50,000
Construction				200,000	185,000	385,000
Project Management					5,000	5,000
Project Admin				10,000		10,000
<b>Total</b>				<b>250,000</b>	<b>200,000</b>	<b>450,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)				250,000	200,000	450,000
<b>Total</b>				<b>250,000</b>	<b>200,000</b>	<b>450,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)  
Contact Senior Civil Engineer  
Type Maintenance/Repair/Replacem  
Useful Life  
Category Infrastructure

Project # 335-141  
Project Name Asbestos Concrete Pipe Replacement

Total Project Cost: \$3,715,000

Description

On going replacement project for approximately 30,000 feet of asbestos concrete piping in the public water system.

Justification

Asbestos concrete pipe is no longer used as a material to supply potable water. Public water sstems should plan a project to replace the AC pipe prior to failure.

Expenditures	2024	2025	2026	2027	2028	Total	Future
Construction			540,000	560,000	575,000	1,675,000	2,010,000
Project Admin			10,000	10,000	10,000	30,000	
Total			550,000	570,000	585,000	1,705,000	Total

  

Funding Sources	2024	2025	2026	2027	2028	Total	Future
335 - Water Capital (Rehab)			550,000	570,000	585,000	1,705,000	2,010,000
Total			550,000	570,000	585,000	1,705,000	Total



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-142  
**Project Name** Distribution System Appurtenance Replacement

**Total Project Cost:** \$3,830,000

## Description

Replacement of system components including meters/service lines, valves, hydrants, air relief valves, and blow off valves based upon installation date and projected useful life.

## Justification

In addition to various distribution components that have reached there useful life span, service lines specific to the Watson Ranch subdivision have been identified to have been installed without saddle reinforcement to the main. These service lines are prone to failure and need to be replaced.

Expenditures	2024	2025	2026	2027	2028	Total	Future
Construction			560,000	575,000	595,000	1,730,000	2,070,000
Project Admin			10,000	10,000	10,000	30,000	
<b>Total</b>			<b>570,000</b>	<b>585,000</b>	<b>605,000</b>	<b>1,760,000</b>	<b>Total</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total	Future
335 - Water Capital (Rehab)			570,000	585,000	605,000	1,760,000	2,070,000
<b>Total</b>			<b>570,000</b>	<b>585,000</b>	<b>605,000</b>	<b>1,760,000</b>	<b>Total</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

<b>Project #</b>	<b>335-143</b>
<b>Project Name</b>	<b>Watson Ranch Tank Rehab</b>

**Total Project Cost: \$150,000**

<b>Description</b>
In 2021 the City had a tank maintenance plan developed by CSI. The detailed maintenance plan was a 5 year plan that included all recommended maintenance/rehab for all storage tanks in the public water system.

<b>Justification</b>
Tank coatings have a general life span of 15-25 years, but depending on installation, that life span can be reduced, leading to repairs or replacement.

<b>Expenditures</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
Construction		150,000				150,000
<b>Total</b>		<b>150,000</b>				<b>150,000</b>

<b>Funding Sources</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
335 - Water Capital (Rehab)		150,000				150,000
<b>Total</b>		<b>150,000</b>				<b>150,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-144  
**Project Name** School Well Site Upgrades

**Total Project Cost:** \$1,095,000

## Description

Scope based upon Water Master Plan, review of all electrical components. Most electrical and mechanical components are beyond their useful life including MCC, PLC, VFD, well check and isolation valves.  
Upgrades will also include replacing the oil lubed pump with a water lubed pump, the column, shaft, bowls, and pump motor.

Project combines previouslt separate projects 335-168 and 335-170

## Justification

The WSMP indentified various electrical or instrumentation components that have reached, or exceeded their useful industry life span. These should be repaired or replaced to ensure the fcility conintues to operate efficiently.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		495,000	600,000			1,095,000
<b>Total</b>		<b>495,000</b>	<b>600,000</b>			<b>1,095,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		495,000	600,000			1,095,000
<b>Total</b>		<b>495,000</b>	<b>600,000</b>			<b>1,095,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Master Plan/Study/Report/Pro

**Project #** 335-147  
**Project Name** Urban Water Management Plan

**Total Project Cost:** \$150,500

## Description

As of 2020 the City crossed the threshold of 3000 connections and is now officially an Urban Water Supplier. The State requires all urban water suppliers to create, maintain, and update every five years an Urban Water Management Plan that includes a water shortage contingency plan.

## Justification

To comply with Assembly Bill 787 (Water Code Section 10610 et seq., known as the Urban Water Management Planning Act [Act]), which mandates that every supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, prepare an Urban Water Management Plan. The primary objective of said plan is conservation and efficient use of water. These plans are to be updated every five years in years that end in a "0" or "5".

Prior	Expenditures	2024	2025	2026	2027	2028	Total
100,000	Planning/Enviro/Design		45,000				45,000
	Project Management		5,000				5,000
	Advertisements		500				500
	<b>Total</b>		<b>50,500</b>				<b>50,500</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
100,000	335 - Water Capital (Rehab)		50,500				50,500
	<b>Total</b>		<b>50,500</b>				<b>50,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 335 - Water (Rehab)  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 335-151  
**Project Name** Storage Tank Piping Seismic Upgrades

**Total Project Cost:** \$200,000

## Description

Provide seismic supports to all fill and discharge pipes to storage tanks per 2018 Water Master Plan.

## Justification

The WSMP and risk and resilience assessment indentified earthquakes as one of our top risks. These seismic upgrades will help stabilize and secure our facility piping in the event of a disaster.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			150,000			150,000
Project Admin			5,000			5,000
Consultants - Professional			45,000			45,000
<b>Total</b>			<b>200,000</b>			<b>200,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)			200,000			200,000
<b>Total</b>			<b>200,000</b>			<b>200,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-152  
Project Name Fitzgerald Tank Rehab

Total Project Cost: \$120,500

## Description

In 2021 the City had a tank maintenance plan developed by CSI. The detailed maintenance plan was a 5 year plan that included all recommended maintenance/rehab for all storage tanks in the public water system.

## Justification

Tank coatings have a general life span of 15-25 years, but depending on installation, that life span can be reduced, leading to repairs or replacement.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
20,500	Construction		100,000				100,000
Total	Total		100,000				100,000

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
20,500	335 - Water Capital (Rehab)		100,000				100,000
Total	Total		100,000				100,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-154  
Project Name Fitzgerald Electrical & Mechanical Upgrades

Total Project Cost: \$410,000

Description

Repair or replace electrical and instrumentation controls that have reached or exceeded the industry useful life span. This project may be impacted by the updates to the Fitzgerald facility by project 335-130, replacing industrial well with a new deep well on the Fitzzggerald property. Additional upgrades/replacement of valves, pipes, in-line check valves, flow meters, and any other mechanical assets that are deemed near or at their end of useful industrial life cycles.

Justification

The WSMP has indentified most electrical components and instrumentation controls to be at the end, or to have exceeded their industry useful life span.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design				40,000		40,000
Construction				360,000		360,000
Project Admin				10,000		10,000
Total				410,000		410,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)				410,000		410,000
Total				410,000		410,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-159

Project Name Storage Tank Management Plan

Total Project Cost: \$30,000

## Description

To properly manage and maintain our storage tanks, we contracted with CSI to inspect and build a tank maintenance plan. Each tank should be re-inspected every 5 years, and the management plan updated accordingly.

## Justification

The Storage Tank Management Plan is essential for proper care and maintenance of the water storage tanks as part of the Public Water System.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			30,000			30,000
<b>Total</b>			<b>30,000</b>			<b>30,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)			30,000			30,000
<b>Total</b>			<b>30,000</b>			<b>30,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-160  
Project Name Parklane Tank #1 Rehab

Total Project Cost: \$275,000

## Description

In 2021 the City had a tank maintenance plan developed by CSI. The detailed maintenance plan was a 5 year plan that included all recommended maintenance/rehab for all storage tanks in the public water system.

## Justification

Tank coatings have a general life span of 15-25 years, but depending on installation, that life span can be reduced, leading to repairs or replacement.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
75,000	Construction		200,000				200,000
Total	Total		200,000				200,000

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
75,000	335 - Water Capital (Rehab)		200,000				200,000
Total	Total		200,000				200,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-161  
Project Name Parklane Tank #2 Rehab

Total Project Cost: \$275,000

## Description

In 2021 the City had a tank maintenance plan developed by CSI. The detailed maintenance plan was a 5 year plan that included all recommended maintenance/rehab for all storage tanks in the public water system.

## Justification

Tank coatings have a general life span of 15-25 years, but depending on installation, that life span can be reduced, leading to repairs or replacement.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
75,000	Construction				200,000		200,000
Total	Total				200,000		200,000

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
75,000	335 - Water Capital (Rehab)				200,000		200,000
Total	Total				200,000		200,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-162

Project Name Chromium 6 Treatment Implementation

Total Project Cost: \$18,000,000

Description

In anticipation of an updated MCL in fall of 2023 at 10 ppb or lower, the City will be forced to treat each source for Chromium 6. Cost is assumed based on an assumed price of \$3,000,000 per well site, with the City having 6 well sites in total.

Justification

If the state implements the restricted MCL for Cr6 the City water system will become violators and be forced to introduce treatment at each facility.

Expenditures	2024	2025	2026	2027	2028	Total
Construction				18,000,000		18,000,000
Total				18,000,000		18,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)				18,000,000		18,000,000
Total				18,000,000		18,000,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-163  
Project Name Hydropneumatic Tank Rehab

Total Project Cost: \$60,000

## Description

Rehab/repair of hydropneumatic tanks as needed.

## Justification

We need to develop a management plan for our hydropneumatic tanks similar to what we have done with our storage tanks. The WSMP forecasts the current amounts until the plan is complete.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
30,000	Construction		30,000				30,000
<b>Total</b>	<b>Total</b>		30,000				30,000

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
30,000	335 - Water Capital (Rehab)		30,000				30,000
<b>Total</b>	<b>Total</b>		30,000				30,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-164  
Project Name Water Ops: Cyber Security Implementation

Total Project Cost: \$200,000

Description

Upgrade all water operations facilities, serves, networks, controls and components to complt with current standards for site and cyber security. Additionally will improve cyber controls, implement training programs, buildawareness and support, and implement policies and procedures.

Justification

After the 2021 Risk and Resilience Assessment was conducted, the Water infrastructure and cyber infrastructure was indentified as below standard for security measures. All sites and ocmponents should be upgraded to current industry standards.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			150,000			150,000
Consultants - Professional		50,000				50,000
Total		50,000	150,000			200,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		50,000	150,000			200,000
Total		50,000	150,000			200,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-166

Project Name Watson Ranch Well Replacement

Total Project Cost: \$3,650,000

## Description

Replacement of Watson Ranch Well due to age and original construction not meeting current standards.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction			450,000	3,200,000		3,650,000
<b>Total</b>			<b>450,000</b>	<b>3,200,000</b>		<b>3,650,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)			450,000	3,200,000		3,650,000
<b>Total</b>			<b>450,000</b>	<b>3,200,000</b>		<b>3,650,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-169

Project Name Park Lane Instrumentation Upgrades

Total Project Cost: \$55,000

## Description

Upgrades to dated control hardware, including pressure sensors, heat sensors, flow meter controls, and control room upgrades to support new hardware.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction		55,000				55,000
<b>Total</b>		<b>55,000</b>				<b>55,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		55,000				55,000
<b>Total</b>		<b>55,000</b>				<b>55,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-171  
Project Name Valley Glen Well Instrumentation Upgrades

Total Project Cost: \$35,000

Description

Upgrades to dated control hardware, including pressure sensors, heat sensors, flow meter controls, and control room upgrades to support new hardware.

Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction		35,000				35,000
Total		35,000				35,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		35,000				35,000
Total		35,000				35,000



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-172

Project Name Valley Glen Hydropneumatic Tank Rehab

Total Project Cost: \$30,000

## Description

Rehab/repair of Valley Glen hydropneumatic tank

## Justification

Per the recently updated WSMP, the Valley Glen Hydropneumatic tank is nearing the end of its maintenance cycle and is due for rehabilitation.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		30,000				30,000
<b>Total</b>		<b>30,000</b>				<b>30,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		30,000				30,000
<b>Total</b>		<b>30,000</b>				<b>30,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-173

Project Name Watson Ranch Instrumentation Upgrades

Total Project Cost: \$25,000

## Description

Upgrades to dated control hardware, including pressure sensors, heat sensors, flow meter controls, and control room upgrades to support new hardware.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction		25,000				25,000
<b>Total</b>		<b>25,000</b>				<b>25,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)		25,000				25,000
<b>Total</b>		<b>25,000</b>				<b>25,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 335 - Water (Rehab)

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 335-174

Project Name Water Ops: Cyber Security: Telecomm Upgrades

Total Project Cost: \$500,000

Description

General upgrades/improvements to telecomm related security shortfalls.

Justification

Due to more modern threats to the telecomm and data environments, upgrades are needed in order to stay current to modern technology.

Expenditures	2024	2025	2026	2027	2028	Total
Consultants - Professional			500,000			500,000
Total			500,000			500,000

Funding Sources	2024	2025	2026	2027	2028	Total
335 - Water Capital (Rehab)			500,000			500,000
Total			500,000			500,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-106  
**Project Name** Fire Station 82 - Southwest

**Total Project Cost:** \$7,345,000

## Description

Purchase and develop an approximately 1 acre site for Fire Sub-station within the Southwest specific plan area, including construction and furnishing approximately 8,200 square foot building for 3 - 4 on-duty firefighters and 3 - 4 pieces of fire apparatus.

The timeline is dependent on the exact site for Station #2. Some design work was done approximately 10 years ago in 2006/2007. In 2022, MFDB was selected as the designer for Fire Station 82. Design to be completed by quarter 4 of 2022.

Dixon Fire Protection District

## Justification

To serve new areas and maintain response times for initial response; protect existing areas, which are at the southern fringe of response from the main station; back-up existing station.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		450,000				450,000
Construction		6,545,000				6,545,000
Contingency		350,000				350,000
<b>Total</b>		<b>7,345,000</b>				<b>7,345,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
TBD		7,345,000				7,345,000
<b>Total</b>		<b>7,345,000</b>				<b>7,345,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 410 - Fire  
Contact Fire Chief  
Type New Infrastructure/Facility  
Useful Life  
Category Facilities - Buildings

Project # 410-109  
Project Name Fire Station 81 - Training Center Expansion

Total Project Cost: \$250,000

Description

Project to include site improvements such as a burn building for controlled fire exercises, equipment storage, grading & paving to area at the rear of current station.

Justification

Continued growth in the size and complexity of the City brings new hazards requiring local firefighters to increase training and heightened sophistication of operations. The current training facility will not provide adequate space to accommodate new props and facilities to train personnel to meet the new challenges. Remoteness of the City in relation to outside training areas makes sending on-duty personnel to other areas for training impractical.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		150,000	50,000	50,000		250,000
Total		150,000	50,000	50,000		250,000

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire			50,000	50,000		100,000
Grants		150,000				150,000
Total		150,000	50,000	50,000		250,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-110  
**Project Name** Fire Station 81 - Dorm and Kitchen Remodel

**Total Project Cost:** \$255,000

## Description

Remodel dorm to provide separate rooms for first responder crews.

## Justification

Current industry standards build separate sleeping areas in order to accommodate different genders. Firefighters get better sleep & minimize transmission of illnesses when separated.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		250,000				250,000
Project Admin		5,000				5,000
<b>Total</b>		<b>255,000</b>				<b>255,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		255,000				255,000
<b>Total</b>		<b>255,000</b>				<b>255,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-112  
**Project Name** Fire Station 81 - Interior and Exterior Painting

**Total Project Cost:** \$50,000

## Description

Paint exterior & interior of Fire Station 81.

Exterior - 2021 - Complete

Interior - 2023

## Justification

Paint exterior & interior of Station 81 due to wear and to protect structure from the elements.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		50,000				50,000
<b>Total</b>		<b>50,000</b>				<b>50,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		50,000				50,000
<b>Total</b>		<b>50,000</b>				<b>50,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-113  
**Project Name** Fire Station 81 - Flooring

**Total Project Cost:** \$80,000

## Description

Replacement of flooring in training room and dorm.

## Justification

Remove existing flooring and seal concrete, then install new flooring due to moisture and mold issues in flooring.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		80,000				80,000
<b>Total</b>		<b>80,000</b>				<b>80,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		80,000				80,000
<b>Total</b>		<b>80,000</b>				<b>80,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-114  
**Project Name** Fire Station 81 - Parking Lot with New Drains

**Total Project Cost:** \$1,000,000

## Description

Remove and replace asphalt parking area and install new drains.

## Justification

Remove and replace asphalt parking area due to continual cracking/settling issues. In conjunction, replacement of storm drains with a collection type system.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			1,000,000			1,000,000
<b>Total</b>			<b>1,000,000</b>			<b>1,000,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire			1,000,000			1,000,000
<b>Total</b>			<b>1,000,000</b>			<b>1,000,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 410 - Fire  
**Contact** Fire Chief  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 410-115  
**Project Name** Fire Station 81 - Station Alerting System

**Total Project Cost:** \$250,000

## Description

Replace existing station alerting system.

## Justification

Replace existing station alerting system due to current system being out of compliance with NFPA health and safety standards.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		250,000				250,000
<b>Total</b>		<b>250,000</b>				<b>250,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		250,000				250,000
<b>Total</b>		<b>250,000</b>				<b>250,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 410 - Fire

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 410-121

Project Name Fire Station 81 - Turnout Extractor

Total Project Cost: \$30,000

## Description

Replacement of existing turnout extractor to properly clean personal protective equipment.

## Justification

Anticipated replacement due to age and maintenance of existing extractor. Must have suitable extractor due to standards of cleaning personal protective equipment.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		30,000				30,000
<b>Total</b>		<b>30,000</b>				<b>30,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		30,000				30,000
<b>Total</b>		<b>30,000</b>				<b>30,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 410 - Fire

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 410-123

Project Name Fire Station 81 - Commercial Stove

Total Project Cost: \$8,000

## Description

Replace commercial stove due to age/wear.

## Justification

Replacement of commercial stove due to age, wear and functionality.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		8,000				8,000
<b>Total</b>		<b>8,000</b>				<b>8,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		8,000				8,000
<b>Total</b>		<b>8,000</b>				<b>8,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 410 - Fire

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 410-127

Project Name Fire Station 81 - Station Generator

Total Project Cost: \$250,000

## Description

Replacement of station generator.

## Justification

Replacement of station generator due to phasing out by Air Quality and being limited on operating hours.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			250,000			250,000
<b>Total</b>			<b>250,000</b>			<b>250,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire			250,000			250,000
<b>Total</b>			<b>250,000</b>			<b>250,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 410 - Fire

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 410-128  
Project Name Type One Fire Engine Replacement

Total Project Cost: \$950,000

Description

Replacement of existing Type one fire engine.

Justification

The current type one fire engine has reached its end of useful life and requires replacement to continue to adequately serve the community.

Expenditures	2024	2025	2026	2027	2028	Total
Fleet Purchase		950,000				950,000
Total		950,000				950,000

Funding Sources	2024	2025	2026	2027	2028	Total
410 - Fire		950,000				950,000
Total		950,000				950,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 420 - Police  
**Contact** Police Chief  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Facilities - Buildings

**Project #** 420-103  
**Project Name** Police Station 2nd Story Expansion

**Total Project Cost:** \$2,035,000

## Description

Second story build-out to the existing Police Station built in FY 1990-91 plus upgrades to the existing first floor to comply with Americans with Disabilities Act (ADA) requirements.

The existing facility was designed and built to accommodate a second story addition in the future. Remodel of the first floor was completed in FY 2006-07 to meet department needs until the second story addition is constructed. Second story design has not commenced.

## Justification

The existing facility is reaching capacity and the second story build-out will accommodate the additional staff that is anticipated in the future. This significant upgrade will require the complete building be reviewed for compliance with current ADA standards.

<b>Prior</b>	<b>Expenditures</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
200,000	Construction		1,580,000				1,580,000
	Project Management		130,000				130,000
	Miscellaneous		25,000				25,000
	Contingency		100,000				100,000
	<b>Total</b>		<b>1,835,000</b>				<b>1,835,000</b>

<b>Prior</b>	<b>Funding Sources</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
200,000	420 - Police		1,835,000				1,835,000
	<b>Total</b>		<b>1,835,000</b>				<b>1,835,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 420 - Police

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 420-106  
Project Name PD Flooring & Painting

Total Project Cost: \$85,000

## Description

Flooring replacement.

## Justification

Replacement required due to age and wear.

Expenditures	2024	2025	2026	2027	2028	Total
Construction		80,000				80,000
Project Admin		5,000				5,000
<b>Total</b>		<b>85,000</b>				<b>85,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
420 - Police		85,000				85,000
<b>Total</b>		<b>85,000</b>				<b>85,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 450 - Storm Drain Facilities  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 450-105  
**Project Name** DRCD Outfall Improvements

**Total Project Cost:** \$2,345,000

## Description

Contribute funding to the construction of a new outlet for the existing DRCD drainage outfall systems as outlined in the terms of the Dixon Regional Watershed JPA. Project will be implemented by JPA.

Dixon has made its funding contribution as required in the terms of the JPA agreement. JPA members are working to determine the size and location of the new channel. West Yost has been hired by JPA to design project. Negotiations with property owners on-going. Project on hold awaiting design, property acquisition and funding.

Dixon Regional Watershed JPA members; Solano County Water Agency

## Justification

Downstream improvements are required to accommodate the storm water runoff from development within the City of Dixon.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
0	Planning/Enviro/Design		215,000				215,000
	Land Acquisition		330,000				330,000
	Construction			1,440,000			1,440,000
	Project Management			215,000			215,000
	Miscellaneous			145,000			145,000
	<b>Total</b>		<b>545,000</b>	<b>1,800,000</b>			<b>2,345,000</b>
	Funding Sources	2024	2025	2026	2027	2028	Total
	450 - Storm Drain			1,800,000			1,800,000
	Other Funds		545,000				545,000
	<b>Total</b>		<b>545,000</b>	<b>1,800,000</b>			<b>2,345,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 450 - Storm Drain Facilities  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 450-106  
**Project Name** Southwest Area Drainage

**Total Project Cost:** \$110,000

## Description

Reimburse developer for drainage improvements needed to serve a portion of the Southwest Area Specific Plan, including the construction of a detention basin (known as West Pond), pump station, and outfall system as identified in 1999 City Storm Drain Report. Report shows the West Pond discharging westerly into McCune Creek at a rate of 15 cubic feet per second.

The City is working with the Southwest Area's engineer to identify the improvements necessary.

Solano County Water Agency (discharge into McCune Creek); Southwest Dixon Specific Plan Property Owners

An agreement between the City and County Water Agency has been entered into for discharge from the West Pond into McCune Creek.

## Justification

Improvements are needed to allow the Southwest Area west of Evans Road to develop. Since a portion of the agricultural area north of I-80 will be conveyed through this proposed system, the City will pay its fair share of the overall costs (calculated at 10% in 1999 City Storm Drain Report).

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin		110,000				110,000
<b>Total</b>		<b>110,000</b>				<b>110,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
450 - Storm Drain		8,000				8,000
Developer Agreements		102,000				102,000
<b>Total</b>		<b>110,000</b>				<b>110,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 450 - Storm Drain Facilities  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 450-112  
**Project Name** South Almond Area Drainage Improvements

**Total Project Cost:** \$1,670,000

## Description

Drainage improvements to the area studied in the 2003 South Almond Street Area Study including Cypress, Spruce, Sunset and Hillview. Upsizing pipes within the neighborhood and upsizing pipes when the adjacent Southwest Area develops, or constructing a designated drainage pipeline in Porter Road to Pond A (funding options provided).

Study analyzing alternatives completed in 2003.

Southwest Development landowners

Implementation of major improvements tied to development of adjacent Southwest Area infrastructure. City's Storm Drain Improvement Fund does not currently have adequate funding for this project unless cost sharing is realized by partnering with the Southwest Development.

## Justification

Neighborhood experiences re-occurring street flooding during medium to heavy storms as documented in the 2003 study.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		115,000				115,000
Construction		1,080,000				1,080,000
Project Management		367,000				367,000
Contingency		108,000				108,000
<b>Total</b>		<b>1,670,000</b>				<b>1,670,000</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total
450 - Storm Drain		1,670,000				1,670,000
<b>Total</b>		<b>1,670,000</b>				<b>1,670,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 450 - Storm Drain Facilities  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 450-115  
**Project Name** Eastside Drainage Project

**Total Project Cost:** \$3,430,000

## Description

An open channel system will run from just downstream of the Northeast Quadrant detention basin to the start of the New South Channel at Swan Road.

Funds are being collected through development impact fees. Project implementation addressed in the Dixon Regional Watershed JPA Agreement and Watershed Management Plan.

Dixon Regional Watershed JPA

Project cost is for the off-site portion of the project only and does not include on-site detention storage required for the Northeast Quadrant. Once this cost is known the development fees will have to be adjusted for this area or the improvements will need to be installed by the developer(s).

## Justification

Project necessary to mitigate increased stormwater run-off due to new development in the Northeast Quadrant and Milk Farm Areas.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		400,000				400,000
Land Acquisition		400,000				400,000
Construction		2,630,000				2,630,000
<b>Total</b>		<b>3,430,000</b>				<b>3,430,000</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total
450 - Storm Drain		215,000				215,000
Other Funds		3,215,000				3,215,000
<b>Total</b>		<b>3,430,000</b>				<b>3,430,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 450 - Storm Drain Facilities

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 450-121

Project Name Storm Drain Impact Fees (Nexus Study)

Total Project Cost: \$80,500

Description

Nexus study to review and update impact fees (AB1600) related to the storm drain collection system.

Justification

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	5,000					5,000
Consultants - Professional	75,000					75,000
Advertisements	500					500
<b>Total</b>	<b>80,500</b>					<b>80,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
450 - Storm Drain	80,500					80,500
<b>Total</b>	<b>80,500</b>					<b>80,500</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 450 - Storm Drain Facilities

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 450-122

Project Name Integrated Pest Management Plan

Total Project Cost: \$11,500

Description

Development of a pest management plan for existing storm drain collection facilities.

Justification

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	1,000					1,000
Consultants - Professional	10,000					10,000
Advertisements	500					500
<b>Total</b>	<b>11,500</b>					<b>11,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
450 - Storm Drain	11,500					11,500
<b>Total</b>	<b>11,500</b>					<b>11,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 451 - Core Area Drainage  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 451-100  
**Project Name** Core Area Drainage Rehabilitation Project

**Total Project Cost:** \$2,675,000

## Description

Three phase project to implement recommendations of the Core Area Drainage Study completed in 2004. Core Area generally includes area bounded by North Washington Street, West H Street, and the Union Pacific Railroad tracks.

In 2004, the Study was completed and the City purchased the residential parcel on North Washington Street which experienced re-occurring flooding problems. The house was acquired by the City and demolished in early 2005. In 2006, a second storm drain pipe was installed across SR 113 for future use. Construction of Phase 1A was awarded to Sanco Pipelines is currently under construction from North First Street to North Second Street. Phase 1A completed in FY2014/15.

Caltrans (for work on SR113); Union Pacific Railroad (work under tracks); private property owners & potential developers within Core Area

## Justification

Several areas within the Study area experience re-occurring street flooding problems. In most areas, the drainage system was only designed to handle a 2 year storm, which is significantly less than current City Design Standards. Also, due to the age of the system, significant repairs need to be made to existing pipes, culverts, and other infrastructure. A portion of the system consists of a privately built storm drain that was installed where Dickson Creek was located. This storm drain is in very poor condition.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		112,000				112,000
Land Acquisition		50,000				50,000
Construction		1,993,000				1,993,000
Project Management		348,000				348,000
Contingency		172,000				172,000
<b>Total</b>		<b>2,675,000</b>				<b>2,675,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
TBD		2,675,000				2,675,000
<b>Total</b>		<b>2,675,000</b>				<b>2,675,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Master Plan/Study/Report/Pro

**Project #** 460-203  
**Project Name** Pitt School Road Interchange Study

**Total Project Cost:** \$350,000

## Description

Establish a street alignment plan for the I-80 and Pitt School Road Interchange area to determine right-of-way requirements. The plan would then be used to prepare a Project Study Report (PSR) and Project Report (PR) for future construction of the improvements.

See CIP# 460-309 for construction.

The Solano Transportation Authority completed the I-80 Corridor Study in 2004 which included proposed interchange improvements.

Caltrans; Solano County

Funding for construction is subject to pending adjustment of development impact fees or identification of other funding source.

## Justification

Improvements to the area roadways are required to improve traffic circulation within the area.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		315,000				315,000
Project Management		25,000				25,000
Contingency		10,000				10,000
<b>Total</b>		<b>350,000</b>				<b>350,000</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation		350,000				350,000
<b>Total</b>		<b>350,000</b>				<b>350,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Master Plan/Study/Report/Pro

**Project #** 460-209  
**Project Name** Vaughn Road Realignment Study

**Total Project Cost:** \$180,500

## Description

Preliminary alignment study for future realignment of the eastern portion of Vaughn Road north along Union Pacific Railroad to connect to Pedrick Road. The existing Vaughn Road at-grade crossing of the railroad would be abandoned. See construction project under #460-318.

See CIP # 460-318 for construction.

Funding carried over from previous year for design. Project may be designed by development.

Union Pacific Railroad; Northeast Quadrant Property Owners

Existing road alignment is part of the Dixon to Davis Bike Route. Consideration will need to be given to maintain this route in the new alignment.

## Justification

New alignment will improve vehicle safety by eliminating the at-grade railroad crossing. Derived from the Solano County Comprehensive Transportation Plan, Dixon Railroad Traffic and Safety Study, and the Dixon Transportation Impact Fee Study.

## Prior

180,500

## Total

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
180,500	460 - Transportation				5,500,000		5,500,000
<b>Total</b>	<b>Total</b>				<b>5,500,000</b>		<b>5,500,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-318  
**Project Name** Vaughn Road Realignment Improvements

**Total Project Cost:** \$5,670,000

Description
Construction of realigned eastern portion of Vaughn Road north along Union Pacific Railroad to connect to Pedrick Road (see study under CIP# 460-205).
Development impact fees (AB 1600) to fund the preliminary engineering and design phase of this project have been collected since 1990. Conceptual alignment is shown in the Northeast Quadrant Specific Plan.
Project potentially developer funded through development in the Northeast Quadrant.
Union Pacific Railroad; Northeast Quadrant Property Owners
Existing road alignment is part of the Dixon to Davis Bike Route. Consideration will need to be given to maintain this route in the new alignment.
Justification
New alignment will improve vehicle safety by eliminating the at-grade railroad crossing. Union Pacific Railroad has a policy/goal of reducing at-grade railroad crossings by 25% and may withhold endorsement of other projects needing their approval if the City does not reduce at-grade crossing in Dixon.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			370,000			370,000
Land Acquisition			500,000			500,000
Construction			4,000,000			4,000,000
Project Management			385,000			385,000
Contingency			400,000			400,000
Project Admin			15,000			15,000
<b>Total</b>			<b>5,670,000</b>			<b>5,670,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation			5,670,000			5,670,000
<b>Total</b>			<b>5,670,000</b>			<b>5,670,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

<b>Project #</b>	<b>460-319</b>
<b>Project Name</b>	<b>South Adams Street Paving</b>

**Total Project Cost: \$300,000**

<b>Description</b>
Design and construction of South Adams street between Walnut and Broadway. Street is currently not paved.  Construction contingent on funding availability.

<b>Justification</b>
Right-of-way is dedicated City street, but is the only unpaved City street in the neighborhood.

<b>Expenditures</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
Planning/Enviro/Design					20,000	20,000
Construction					240,000	240,000
Project Management					24,000	24,000
Contingency					16,000	16,000
<b>Total</b>					<b>300,000</b>	<b>300,000</b>

<b>Funding Sources</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>Total</b>
TBD					300,000	300,000
<b>Total</b>					<b>300,000</b>	<b>300,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** Maintenance/Repair/Replacem  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-325  
**Project Name** 5 Year Sub Division Slurry Projects

**Total Project Cost:** \$420,000

## Description

Streets to be slurry 5 years after acceptance from developer.  
Limited funding, primary slurry fee to be collected from subdivision improvement agreements.

## Justification

Street improvements are necessary on a routine basis in order to maintain the structural integrity of the streets. If improvements are not performed in a timely manner, the streets will ultimately fail, and cost significantly more to repair.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
220,000	Construction	200,000					200,000
<b>Total</b>	<b>Total</b>	<b>200,000</b>					<b>200,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
220,000	460 - Transportation	200,000					200,000
<b>Total</b>	<b>Total</b>	<b>200,000</b>					<b>200,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-406  
**Project Name** Pitt School Road/Stratford Avenue Improvements

**Total Project Cost:** \$660,000

## Description

Install a Type 170 traffic signal controller, cabinet, signal poles, mast arms, luminaries, signal heads, lamps, loops, and all appurtenances necessary to provide traffic signal controls at the intersection in accordance with Caltrans standards. Since the I-80 eastbound off-ramp will need to be modified with the addition of a left turn pocket, a thru travel lane, and right turn pocket, this work may be completed with the interchange project (#460-309).

This project has been identified as a mitigation measure for the Southwest Development area (3.4-A.6)

Caltrans (I-80 and potential partial funding)

PSR for the interchange needs to be completed first to prevent poles from being placed in a location where they would need to be relocated by the interchange project. Project must also meet Caltrans signal warrants for project to proceed.

## Justification

Based on the City's traffic model, development in the area will cause the intersection to meet traffic volume warrants for installation of a signal. The signal will be necessary to maintain an acceptable level of service. Traffic warrants for a signal have been met.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					45,000	45,000
Construction					550,000	550,000
Project Management					40,000	40,000
Contingency					25,000	25,000
<b>Total</b>					<b>660,000</b>	<b>660,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					574,000	574,000
Developer Agreements					86,000	86,000
<b>Total</b>					<b>660,000</b>	<b>660,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-407  
**Project Name** Pitt School Road/Market Lane Traffic Signal

**Total Project Cost:** \$435,000

## Description

Install a Type 170 traffic signal controller, cabinet, signal poles, mast arms, luminaries, signal heads, loops, and all appurtenances necessary to provide traffic signal controls at the intersection in accordance with City standards. Signal will be interconnected with signal at Pitt School and Stratford.

A multi-way stop was installed in 2004 as an interim measure. Signal has been identified as a mitigation measure for the Southwest Development Area (3.4-F.3)

## Justification

Due to development in the area, the signal is necessary to maintain an acceptable level of service. This area has a high volume of turning movements, pedestrian traffic, and out of town drivers unfamiliar with the area. Traffic warrants for a signal have been met.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					45,000	45,000
Construction					350,000	350,000
Contingency					20,000	20,000
Project Admin					5,000	5,000
Consultants - Professional					15,000	15,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
Developer Agreements					435,000	435,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-411  
**Project Name** Pitt School Road/ West H Street Traffic Signal

**Total Project Cost:** \$435,000

## Description

Install a type 170 traffic signal controller, cabinet, signal poles, mast arms, luminaries, signal heads, lamps, loops, and all appurtenances necessary to provide traffic signal controls at the intersection in accordance with City standards.

A multiway stop was installed in 2004 as interim measure.

## Justification

Based on the City's traffic model, development in the area will cause the intersection to meet traffic volume warrants for installation of a signal. The signal will be necessary to maintain an acceptable level of service. Traffic warrants for a signal have been met.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					45,000	45,000
Construction					350,000	350,000
Contingency					20,000	20,000
Project Admin					5,000	5,000
Consultants - Professional					15,000	15,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					419,000	419,000
Developer Agreements					16,000	16,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-414  
**Project Name** West A Street/Lincoln Street Traffic Signal

**Total Project Cost:** \$435,000

## Description

Install a Type 170 traffic signal controller, cabinet, signal poles, mast arms, luminaries, signal heads, lamps, lamps, loops, and all appurtenances necessary to provide traffic signal controls at the intersection in accordance with City standards.

Southwest Development Area builders: signal is a mitigation measure required for their development.

## Justification

Based on the City's traffic model, development will cause the intersection to meet traffic volume warrants for installation of a signal. The signal will be necessary to maintain an acceptable level of service.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					45,000	45,000
Construction					350,000	350,000
Project Management					15,000	15,000
Contingency					20,000	20,000
Project Admin					5,000	5,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
Developer Agreements					435,000	435,000
<b>Total</b>					<b>435,000</b>	<b>435,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-415  
**Project Name** Miscellaneous Traffic Signal Upgrades

**Total Project Cost:** \$240,000

Description
<p>Add "countdown" pedestrian warning systems to the four existing signals on SR113. Also, update software and other system components periodically based on improvements in technology.</p> <p>Caltrans (signals on SR 113):  113 @ Dorset  113@ Vaughn  113@ Atkinson Ct  113@ Stratford  113@ Regency Pkwy</p>
Justification
<p>The countdown warnings will improve pedestrian safety. Periodic system upgrades insure the safe and efficient operation of the signals.</p>

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					200,000	200,000
Construction					30,000	30,000
Project Admin					10,000	10,000
<b>Total</b>					<b>240,000</b>	<b>240,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
TBD					240,000	240,000
<b>Total</b>					<b>240,000</b>	<b>240,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-418  
**Project Name** SR113/H Intersection Improvements

**Total Project Cost:** \$1,015,000

## Description

Project will add a traffic signal at the intersection of SR 113 (N First Street) and H Street, as well as provide improvements to increase safety and capacity at the intersection.

Signal poles and underground conduit installed as part of North First Street Assessment District improvements.

Caltrans (on SR 113)

## Justification

Signal is needed to control traffic at this intersection due to traffic volumes anticipated due to development.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design					25,000	25,000
Construction					950,000	950,000
Project Management					20,000	20,000
Contingency					20,000	20,000
<b>Total</b>					<b>1,015,000</b>	<b>1,015,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					1,015,000	1,015,000
<b>Total</b>					<b>1,015,000</b>	<b>1,015,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 460 - Transportation  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 460-501  
**Project Name** Downtown Streetscape Improvements

**Total Project Cost:** \$845,000

## Description

Design and construct improvements to include decorative street lighting, benches, landscaping and sidewalk repairs in accordance with the Downtown Revitalization Plan. Additional sidewalk and lighting improvements on A Street and South Jackson may be implemented in the future based on availability of funding.

Phase 1 (First Street) completed 2004. Phase 2 (N. Jackson) completed in 2005. Phase 3 City provided pots and trees on SR 113 near C Street in 2005. Future phases include South Jackson Street and West Mayes Street.

Caltrans (SR 113 and grant funding)

Sidewalk repairs must be carefully coordinated to minimize impacts to adjacent businesses.

## Justification

Implementation of Downtown Revitalization Plan and encouraging economic development within the downtown area.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		20,000				20,000
Construction		540,000				540,000
Project Management		70,000				70,000
Contingency		210,000				210,000
Project Admin		5,000				5,000
<b>Total</b>		<b>845,000</b>				<b>845,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
530 -- Gas Tax		75,000				75,000
Grants		770,000				770,000
<b>Total</b>		<b>845,000</b>				<b>845,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-502  
Project Name SR113 Bikeway Improvements

Total Project Cost: \$1,099,000

## Description

East C to Eas H - \$149,000  
East H to Dixon Bike Path - \$175,000  
Dixon Bike Path to Dorset - \$173,000  
Dorset to I-80 Ramps on South Side - \$73,000  
I-80 Ramps on South Side to Milk Farm - \$97,000  
Milk Farm to N City Limit - \$432,000

## Justification

Increased safety for bicyclists along SR113. Derived from 2040 General Plan and Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Construction					1,099,000	1,099,000
<b>Total</b>					<b>1,099,000</b>	<b>1,099,000</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					1,099,000	1,099,000
<b>Total</b>					<b>1,099,000</b>	<b>1,099,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-504

Project Name Pitt School Rd. Bike Improvements

Total Project Cost: \$350,000

## Description

Construction of Bicycle improvements along Pitt School Road.

## Justification

Currently, there are not any defined bicycle paths along Pitt School Road. In order to increase the safety for both bicyclists and motorists, bicycle paths should be installed.

Derived from 2040 Genera Plan and Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			350,000			350,000
<b>Total</b>			<b>350,000</b>			<b>350,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation	350,000					350,000
<b>Total</b>	<b>350,000</b>					<b>350,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-505  
Project Name Pedrick Road Rehabilitation Project

Total Project Cost: \$680,000

Description

Rehabilitation of Pedrick Road from north of railroad tracks for approximately one mile to Highway 80 on-ramp.

Justification

Existing road condition has extensive structural failure.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			50,000			50,000
Construction			520,000			520,000
Project Management			100,000			100,000
Project Admin			10,000			10,000
Total			680,000			680,000

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation			680,000			680,000
Total			680,000			680,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-507

Project Name West A Street Bikeway Improvements

Total Project Cost: \$912,000

## Description

Installation of Class II, Class III, and Class IV bikeways along West A Street.

Schroeder Rd to Batavia - \$49,000

Batavia Rd to Evans - \$140,000

Evans Rd to Pitt School - \$206,000

Pitt School to Lincoln St - \$119,000

Lincoln St to 3rd St - \$267,000

3rd St to City Limits - \$131,000

## Justification

Increased safety for bicyclists along West A Street.

Derived from 2040 General Plan and Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Construction				912,000		912,000
<b>Total</b>				<b>912,000</b>		<b>912,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation				912,000		912,000
<b>Total</b>				<b>912,000</b>		<b>912,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-508  
Project Name N Lincoln/Parkgreen Bikeway Improvements

Total Project Cost: \$196,000

## Description

Installation of Class II and Class III Bikeway along North Lincoln Street and Parkgreen Drive.

West H Street to Parkgreen Drive - \$23,000

Parkgreen to Stratford - \$84,000

N Lincoln to Stratford - \$89,000

## Justification

Increased safety for bicyclists.

Derived from 2040 General Plan and Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Construction				196,000		196,000
<b>Total</b>				<b>196,000</b>		<b>196,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation				196,000		196,000
<b>Total</b>				<b>196,000</b>		<b>196,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-509  
Project Name Sidewalk Gap Closures

Total Project Cost: \$505,000

## Description

Closures in sidewalk gaps at various high pedestrian traffic locations throughout Dixon.

West A St from Port to Jackson  
Hall Park Dr from Mayes St to Chestnut  
S First St from East C to West E  
N First St from West H to Straftford  
West H St from N First St to N Adams

## Justification

Closure of sidewalk gaps for increased pedestrian mobility and safety.  
Derived from the Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Construction			505,000			505,000
<b>Total</b>			<b>505,000</b>			<b>505,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation			505,000			505,000
<b>Total</b>			<b>505,000</b>			<b>505,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-511

Project Name Safe Routes to Transit Ped Crossings

Total Project Cost: \$140,000

## Description

Install four safe routes to transit pedestrian crossing on Watson Ranch Way

## Justification

Provide increased safety and pedestrian mobility. Derviced from Dixon ATP

Expenditures	2024	2025	2026	2027	2028	Total
Construction					140,000	140,000
<b>Total</b>					<b>140,000</b>	<b>140,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					140,000	140,000
<b>Total</b>					<b>140,000</b>	<b>140,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-517

Project Name I-80 and West A St Lighting Improvements

Total Project Cost: \$68,000

## Description

Install lighting and warning/regulatory signs

## Justification

Derived from the Solano County Travel Safety Plan.

Expenditures	2024	2025	2026	2027	2028	Total
Construction					68,000	68,000
<b>Total</b>					<b>68,000</b>	<b>68,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					68,000	68,000
<b>Total</b>					<b>68,000</b>	<b>68,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-518

Project Name I-80 and Pedrick Road Lighting Improvements

Total Project Cost: \$68,000

Description

Install lighting and warning/regulatory signs

Justification

Derived from the Solano County Travel Safety Plan.

Expenditures	2024	2025	2026	2027	2028	Total
Construction					68,000	68,000
Total					68,000	68,000

  

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					68,000	68,000
Total					68,000	68,000

Comprehensive Capital Improvement P  
City of Dixon, California

2024 thru 2028

Department 460 - Transportation  
Contact  
Type Unassigned  
Useful Life  
Category Unassigned

Project #	460-522
Project Name	North Adams St/West H St Intersection

Total Project Cost: \$371,000

Description
Safety and capacity improvements

Justification
Derived from the Transportation Impact Fee Study.

Expenditures	2024	2025	2026	2027	2028	Total
Construction					371,000	371,000
Total					371,000	371,000

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					371,000	371,000
Total					371,000	371,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-523

Project Name RR Crossing at Pedrick

Total Project Cost: \$960,000

## Description

Includes signing, striping, and pedestrian/biking improvements

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction					960,000	960,000
<b>Total</b>					<b>960,000</b>	<b>960,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					960,000	960,000
<b>Total</b>					<b>960,000</b>	<b>960,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-524

Project Name RR Crossing at A St

Total Project Cost: \$1,450,000

## Description

Includes signing, striping, signal timing, crossing regrading and pedestrian,biking improvements

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction					1,450,000	1,450,000
<b>Total</b>					<b>1,450,000</b>	<b>1,450,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					1,450,000	1,450,000
<b>Total</b>					<b>1,450,000</b>	<b>1,450,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-525

Project Name RR Crossing Closure at Pitt School Rd

Total Project Cost: \$150,000

## Description

Closure of south leg of Pitt School Road/ Porter Road intersection and closure of at-grade railroad crossing. To be done in conjunction with the construction of the Parkway Blvd Overcrossing Project.

## Justification

With the construction of Parkway Blvd Overcrossing, the at-grade crossing will become unnecessary for access. UPRR seeks to eliminate all at-grade rail road crossings in order to ensure the safety of the public and the railroad.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			150,000			150,000
<b>Total</b>			<b>150,000</b>			<b>150,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation			150,000			150,000
<b>Total</b>			<b>150,000</b>			<b>150,000</b>



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-527  
Project Name Central Area Safety Improvements

Total Project Cost: \$213,000

## Description

Enhanced overhead street lighting near the railroad crossing and enhanced pedestrian crossing on First Street.

## Justification

Project to increase visibility for pedestrians and motorists near/around the rail road crossing on N. First Street to improve pedestrian and motorist safety.

Expenditures	2024	2025	2026	2027	2028	Total
Construction			213,000			213,000
<b>Total</b>			<b>213,000</b>			<b>213,000</b>

  

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation			213,000			213,000
<b>Total</b>			<b>213,000</b>			<b>213,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-530

Project Name N. Adams Street Bike Path

Total Project Cost: \$260,000

Description

Installation of Class II bikeway between West A St. to Lincoln Highway.

Justification

Installation of the Class II Bikepath will increase safety for bicyclists. N. Adams Street is a designated bikepath per the Solano County Regional Bikeway.

Expenditures	2024	2025	2026	2027	2028	Total
Construction				260,000		260,000
Total				260,000		260,000

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation				260,000		260,000
Total				260,000		260,000

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-531

Project Name Train Station Bike Path

Total Project Cost: \$776,000

## Description

Installation of Class I Multi-use Path from Porter Road to 1st Street

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction					776,000	776,000
<b>Total</b>					<b>776,000</b>	<b>776,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation					776,000	776,000
<b>Total</b>					<b>776,000</b>	<b>776,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-532

Project Name S. First St Corridor Improvements

Total Project Cost: \$1,990,500

## Description

Project details as outlined by ythe Aug 7 2020 S. First St Corridor Study.

Parkway Blvd to Valley Glen Drive: STA ATP Recommends a Class IV separated Bikeway along both sides of 1st Street. Work includes 6-foot bike lanes with 4-foot buffer, includes vertical separation. - \$210,000

Valley Glen Drive to Country Fair Drive: Widening Southbound sidewalk into a multi-use path. - \$650,000.

Country Fair Drive to South of West Cherry Street: .Work includes widening west sidewalk into a multi-use path of 10 feet. - \$1,090,000.

South of West Cherry Street to West Chestnut Street: Work includes installation of a concrete curb bulb-out at the southwest corner of First Street and Cherry Street. - \$30,000.

## Justification

Pedestrian and bicyclist safety improvements for the South First Street Corridors, as recommended by the South First Street Corridor Study.

Expenditures	2024	2025	2026	2027	2028	Total
Construction	210,000	30,000	650,000		1,090,000	1,980,000
Project Admin	10,000					10,000
Advertisements	500					500
<b>Total</b>	<b>220,500</b>	<b>30,000</b>	<b>650,000</b>		<b>1,090,000</b>	<b>1,990,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation	220,500	30,000		650,000	1,090,000	1,990,500
<b>Total</b>	<b>220,500</b>	<b>30,000</b>		<b>650,000</b>	<b>1,090,000</b>	<b>1,990,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-534

Project Name B Street Ped/Bike Crossing Improvements

Total Project Cost: \$310,500

## Description

Improvements to the pedestrian/bicycle crossing at the B Street crossing on SR113.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Construction	250,000					250,000
Project Admin	10,000					10,000
Consultants - Professional	50,000					50,000
Advertisements	500					500
<b>Total</b>	<b>310,500</b>					<b>310,500</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation	310,500					310,500
<b>Total</b>	<b>310,500</b>					<b>310,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 460 - Transportation

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 460-535

Project Name STA - Countywide Climate Adaptation Plan

Total Project Cost: \$6,000

## Description

The Solano Transportation Authority (STA) is working with member agencies to update its Countywide Climate Adaptation Plan.

## Justification

Expenditures	2024	2025	2026	2027	2028	Total
Project Admin	500					500
Consultants - Professional	5,000					5,000
Advertisements	500					500
<b>Total</b>	<b>6,000</b>					<b>6,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
460 - Transportation	6,000					6,000
<b>Total</b>	<b>6,000</b>					<b>6,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 461 - Parkway Boulevard  
**Contact** Senior Civil Engineer  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Infrastructure

**Project #** 461-601  
**Project Name** Parkway Boulevard Railroad Grade Separation

**Total Project Cost:** \$36,837,684

## Description

Design, right-of-way, and construction of a railroad grade separation located at the southern portion of town to facilitate multi-modal connectivity and improve safety for vehicular, pedestrian, bicycle, emergency and railroad traffic. The proposed bridge will connect the Homestead Development to the Valley Glen and Parklane Developments allowing access from Pitt School Road to Parkway Blvd. The City hired TY Lin to assist in design and environmental process. The design for the western embankment was completed April 2022, and is to be constructed by Fall of 2022. Staff is aiming to complete the final phase of design by end of fiscal year 2023. Once the project design reaches the state of readiness, staff will aim to procure grant funding based on various sources (e.g., UPRR, Federal and State). A rail safety study was completed in 2021 with support from various agencies identifying the local and regional need for the project along with potential closure of other crossings to further support the project. The local agencies who attended the Rail Diagnostic meeting included Dixon Unified School District, Caltrans, California Public Utilities Commission, Solano County, Solano Transportation Authority and the City of Dixon. The project goal is to begin construction of the final phase in fiscal year 2025 to provide the transportation infrastructure and support the development within the City limits. It is projected the City population will increase up to 25 percent by the year 2025.

## Justification

Additional crossing needed as development increases traffic on existing streets particularly impacting the downtown area. The Valley Glen Environmental Impact Report identifies the need for a crossing to mitigate the traffic impacts of said development.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
4,537,684	Land Acquisition		500,000				500,000
Total	Construction		30,200,000				30,200,000
	Project Admin		50,000				50,000
	Consultants - Professional		1,500,000				1,500,000
	Legal Fees		50,000				50,000
	<b>Total</b>		<b>32,300,000</b>				<b>32,300,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
4,537,684	460 - Transportation		6,000,000				6,000,000
Total	Grants		23,300,000				23,300,000
	RTIF		3,000,000				3,000,000
	<b>Total</b>		<b>32,300,000</b>				<b>32,300,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 470 - Transit

Contact

Type New Infrastructure/Facility

Useful Life

Category Infrastructure

Project # 470-105

Project Name Market Lane Park & Ride Parking Lot

Total Project Cost: \$300,000

Description

New parking lot resurfacing for Park & Ride on Market Lane.

Justification

The park & ride parking lot on Market Lane is in need of repair and maintenance.

Expenditures	2024	2025	2026	2027	2028	Total
Construction					295,000	295,000
Project Admin					5,000	5,000
Total					300,000	300,000

  

Funding Sources	2024	2025	2026	2027	2028	Total
470 - Transit					300,000	300,000
Total					300,000	300,000



# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 480 - Parks (AB1600)  
**Contact** Public Works Operations Man  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Facilities - Parks

**Project #** 480-131  
**Project Name** Hall Park Phase 4

**Total Project Cost:** \$130,000

## Description

Description: Per the Hall Park Master Plan and the Citywide Parks Master Plan, Phase 4 will include a senior baseball field, improvements to the existing Larson Field, soccer field and miscellaneous improvements. A portion of the site includes a former City landfill and is subject to annual inspections by the county.

Project Status: Master Plan to be updated in FY22/23 for compliance with citywide Master Plan. Design in progress.

Dixon Unified School District; Solano County (landfill issues)

## Justification

Phase 3 of Hall Park has been completed. Phase 4 of the project is necessary as required by various Master Plans. Additional monitoring of the landfill area in the south-east portion of the park is ongoing.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
120,000	Consultants - Professional	10,000					10,000
<b>Total</b>	<b>Total</b>	<b>10,000</b>					<b>10,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
120,000	480 - Parks (AB1600)	10,000					10,000
<b>Total</b>	<b>Total</b>	<b>10,000</b>					<b>10,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 480 - Parks (AB1600)  
**Contact** Public Works Operations Man  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Facilities - Parks

**Project #** 480-133  
**Project Name** SW Community Park/Community Center/Aquatics Center

**Total Project Cost:** \$1,510,000

## Description

The Park Master Plan, as amended by Council Resolution in May 2002, specifies a 10,000 square foot community center to be located in the Southwest Development Area's Community Park. The Master Plan also includes a new aquatic complex with 6,400 square feet of pool space. This proposal combines these two projects and includes administrative office space for the Recreation and Community Services. The Community Center is to include a small gymnasium, meeting room, and arts and crafts room. It will also contain an additional 1,500 square feet of administrative office space for the Recreation and Community Services. The community center and aquatic center will be located in a new 20 acre community park. The park will include passive use areas, ball fields, playgrounds, and picnic areas.

The Park Master Plan was initiated several years ago but is on hold due to the lack of progress in the development of the Southwest Area. Now that the citywide Master Plan has been adopted, the site specific Master Plan was reviewed by Parks & Recreation Commission in FY16/17 for conformance.

## Justification

These facilities are included in the Park Master Plan, which is currently undergoing an update.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design			1,430,000			1,430,000
Project Admin			80,000			80,000
<b>Total</b>			<b>1,510,000</b>			<b>1,510,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
480 - Parks (AB1600)			1,510,000			1,510,000
<b>Total</b>			<b>1,510,000</b>			<b>1,510,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 530 - Gas Tax  
**Contact** Senior Civil Engineer  
**Type** Master Plans/Studies/Reports/  
**Useful Life**  
**Category** Infrastructure

**Project #** 530-102  
**Project Name** Sidewalk Reimbursement Program

**Total Project Cost:** \$55,000

## Description

Repair damaged sidewalks, curb, and gutter throughout the City. Based on site inspections, sidewalks may be ground or patch paved with asphalt as interim measures or for minor repairs. Sidewalk repairs performed via the Sidewalk Rehab Program guidelines with 50% reimbursement to property owner from the City. Curb and gutter repairs may also be contracted by the City.

See Sidewalk Rehab Program

Caltrans (if work on SR 113)

## Justification

An uneven surface represents a potential safety hazard. Occasionally claims are filed against the City for trip and fall accidents (less than one per year in recent years). Damaged gutters impede the flow of storm runoff and can also cause a tripping hazard.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
33,000	Construction	10,000	10,000				20,000
	Project Management	1,000	1,000				2,000
<b>Total</b>	<b>Total</b>	<b>11,000</b>	<b>11,000</b>				<b>22,000</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
29,000	530 -- Gas Tax	11,000	11,000				22,000
<b>Total</b>	<b>Total</b>	<b>11,000</b>	<b>11,000</b>				<b>22,000</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

Department 531 - RMRA

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 531-323

Project Name Pavement Rehab Projects

Total Project Cost: \$1,131,000

## Description

Pavement treatment/maintenance (i.e. limited to mostly slurry or microsurfacing) of various streets throughout the community

## Justification

Funded through SB1, Road Maintenance & Rehabilitation Act funds.

Prior	Expenditures	2024	2025	2026	2027	2028	Total
465,500	Construction	550,000					550,000
	Project Admin	5,000					5,000
	Consultants - Professional	110,000					110,000
	Advertisements	500					500
	<b>Total</b>	<b>665,500</b>					<b>665,500</b>

Prior	Funding Sources	2024	2025	2026	2027	2028	Total
465,500	531 - RMRA	665,500					665,500
	<b>Total</b>	<b>665,500</b>					<b>665,500</b>

# Comprehensive Capital Improvement P City of Dixon, California

2024 *thru* 2028

**Department** 651 - Valley Glen CFD  
**Contact** Public Works Operations Man  
**Type** New Infrastructure/Facility  
**Useful Life**  
**Category** Facilities - Parks

**Project #** 651-139  
**Project Name** Storm Water - Pond A - Access Road

**Total Project Cost:** \$635,000

## Description

Improvements, such as paving a portion of the levee road, required at Pond A (Porter Road Drainage Pond) in order to make the site accessible per the Americans with Disabilities Act and open the site to the public.

Proposed project includes construction of an asphalt pathway along the levee from Pitt School Road to Parkway Boulevard.

## Justification

The site is an attractive wildlife viewing area for the public. Compliance with the Americans with Disabilities Act is required by law if the site is to be opened to the public.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		10,000				10,000
Construction		550,000				550,000
Project Management		25,000				25,000
Contingency		50,000				50,000
<b>Total</b>		<b>635,000</b>				<b>635,000</b>

Funding Sources	2024	2025	2026	2027	2028	Total
651 - Valley Glen CFD		635,000				635,000
<b>Total</b>		<b>635,000</b>				<b>635,000</b>

Comprehensive Capital Improvement P  
City of Dixon, California

2024 *thru* 2028

Department 655 - Brookfield CFD

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # 655-601

Project Name Storm Water - Pond C - Access Road

Total Project Cost: \$405,000

Description

Upgrades and maintenance of Pond C for pedestrian path improvements around the basin, including a 12 foot wide asphalt pavement.

Justification

Safety of the public to meet ADA requirements and required ongoing annual maintenance.

Expenditures	2024	2025	2026	2027	2028	Total
Planning/Enviro/Design		10,000				10,000
Construction		350,000				350,000
Project Management		15,000				15,000
Contingency		30,000				30,000
Total		405,000				405,000

Funding Sources	2024	2025	2026	2027	2028	Total
655 - Brookfield CFD		405,000				405,000
Total		405,000				405,000