



Stormwater Master Plan



Shelby Drive Roadway Improvements



PD Shooting Range



Single-story Conceptual Design Study

SIM 3A - Uptown Parking



SIM 11A - Sedona Trails & Pathways System



SIM 11B - Posse Grounds Park Parking Improvements and Soldiers Pass Road SUP



City of Sedona Public Works Department Capital Improvements Plan (CIP)



SIM 11G - Thunder Mountain/
Sanborn SUP and
Drainage Improvements



SIM 11I - Dry Creek Road
Shared Use Path



SIM 12A - Traveler Information
Traffic Data Services

August 2021 - FY22 Project Updates

WEB
LINK:
www.sedonaaz.gov/CIP



FY22 CIP Update

August 2021 - Updates

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City of Sedona
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PD Facility Renovation

FY22 CIP Update



KEY FEATURES:

Consultant: Gabor Lorant Architects, Inc.

Contractor: TBD

Construction Challenges:

- Remodel with minimal disruption to Police Department function
- Meet the police department's needs and create a functional and efficient floor plan.

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$1,064,620
Total Project Budget: \$1,243,101

The Police Department has determined the need to efficiently remodel underutilized floor space. Based on an assessment of the facility needs of the Police Department, this project includes a remodeling a portion of the existing station, and adding new floor space along the southeast side of the building.

Status: Gabor Lorant Architects has completed the design, which encompasses a complete renovation of the locker rooms, meeting area, interview room, and office space expansion into the courtyard between the police station and the council chamber building.

The design and plan set have been approved. The bids for construction were over budget, therefore the project is out for re-bid. Bids are due October 18, 2021. Upon receiving an acceptable bid, a contract will be presented to City Council on November 9, 2021.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status **August 2021**

Project Phase	% Completion	Completion Date
Design	100%	FY21
Construction	0%	FY22



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PD Shooting Range Improvements Phase II

FY22 CIP Update



KEY FEATURES:

Consultant: In-House,
 Mountain High Engineering
Contractor: Caruso Construction, Inc

Construction Challenges:

- Shipping delays due to Covid19
- Expiration of Arc Flash labels

Project Manager:

Hanako Ueda, EIT
 (928) 203-5024
HUeda@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$0
Total Project Budget: \$189,507

The Police Department has determined the need for a more functional shooting range facility. The shooting range will see improvements to restroom facilities, storage, and an additional briefing/presentation room. This phase will construct a non-potable water well, provide water and sewer service to the modular classroom, upgrade site lighting and associated electrical equipment.

Status: All construction for sewer, electric and water is complete, and updated arc flash labels have been applied. The modular classroom is ready for occupancy pending final inspections by State personnel.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	100%	June 2019
Construction	99%	Summer 2021



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Stormwater Master Plan Update

FY22 CIP Update



KEY FEATURES:

Consultant: JE Fuller, Inc,

Contractor: N/A

Timing:

- Phase I: FY 2020
- Phase II: FY 2021
- Phase III: FY 2022

Construction Challenges

N/A

Project Manager:

Sandra Phillips, PE, CFM
 (928) 203-0118
SPhillips@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$200,000

Total Project Budget: \$400,000

In FY20, we began an update of the 2005 Stormwater Master Plan (Phase I). Phase 1 of the Stormwater Master Plan Update (SWMPU) included looking at facility improvements and priorities. This also accounted for the infrastructure completed since the 2005 Plan was complete and included a robust public outreach to identify new problem areas.

During FY21, we continued to update the Master Plan (Phase II) to include hydrology and the study of existing conditions in problem areas. The estimated costs of potential improvements was determined as well.

In FY22, we will complete the SWMPU (Phase III) to include remapping of the local (non-FEMA) floodplains reduced by previous storm drainage improvement projects and identify priorities area for future projects.

Through an IGA with Yavapai County, the Flood Control District covered \$70,000 of the Phase I consultant cost and will cover the \$177,623 cost of Phase III in FY22.

Status: Phase I of this SWMPU was completed in FY20. Phase II was budgeted in FY21 and is complete, and Phase III is budgeted in FY22 and the consultant has been given the notice to proceed. JE Fuller, Inc. was selected as our consultant through a qualifications-based selection process to perform all three of the phases for this SWMPU. During Phases I and III, BetaPr out of Flagstaff was/is the subconsultant for the public outreach efforts. The Phase II services contract with JE Fuller was in the amount of \$99,988. The Phase III contract will be \$177,623.

Project Status

August 2021

Project Phase	% Completion	Completion Date
SWMP Update – Phase I	100%	FY20
SWMP Update – Phase II	100%	FY21
SWMP Update – Phase III	NTP 9/2021	FY22

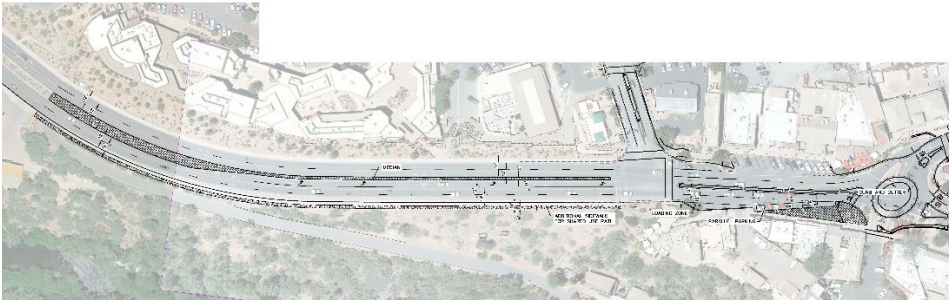


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Sedona in Motion 1B – Uptown Northbound Improvements

FY22 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn

Contractor: TBD

Timing: March 2021 – June 2022

Construction Challenges:

- Heavy vehicular and pedestrian traffic
- Traffic Control

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$460,000

Total Project Budget: \$535,000

While southbound delay has been drastically reduced with the completion of SIM-01, northbound congestion appears to have worsened. This project will provide further data collection, modeling, and analysis to identify strategies that will help alleviate northbound congestion through Uptown that often spills back to the "Y" roundabout and creates congestion for northbound SR 179, and northbound SR 89A coming down Cooks Hill. Construction budget is included in FY 2022 for projects that may result from the analysis.

Status: Extensive data collection was done on March 20, 2021. The consultant has utilized that data to update the existing conditions model. They are now working on modeling various improvement alternatives and will provide recommendations by the end of September. These recommendations will be presented to Council at the October 13 work session.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	70%	November 2021
Construction	0%	TBD



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Sedona in Motion 3A – Uptown Parking

FY22 CIP Update



Single-story Conceptual Design Study

This project is a result of the Transportation Master Plan and consists of parking improvements in the Uptown area. The strategy for improving parking conditions in Uptown includes construction of new parking facilities, and possible conversion of Van Deren, Wilson, and Smith Roads into one-way streets in conjunction with the Uptown CFA. On February 25, 2020 a parking facility siting study by the consulting firm of Water P. Moore was presented to Council at which time Council directed staff to move forward with the parking structure on Forest Road utilizing a three-deck configuration, with one level subgrade.

Status: The project is in design by the consulting firm of Gabor Lorant Architects, Inc. Project design is anticipated to take a little over a year to complete. Concept and Schematic Design of the project is complete, and the overall completion level of the design is approximately 35% complete. Information, including plans, on the recently completed schematic design, can be viewed and downloaded from the Uptown Sedona Garage project website at: <https://uptownsedonagarage.com/>

On September 15, 2021 the City Council will vote to approve an amendment to the Community Plan and a land use Zoning change to M3 for the Parking Garage site.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

For additional project information, visit the project website at: <https://uptownsedonagarage.com/>

KEY FEATURES:

Consultant: Gabor Lorant Architects, Inc.

Contractor: TBD

Timing: FY 21 – FY 23/24

Construction Challenges:

Aesthetics

Viewshed, Night Sky, Noise Mitigation

Hard Rock Excavation

Limited Work Area/Space

Project Manager:

Robert Welch, PE
 (928) 203-5120

BWelch@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$ 942,600

Total Project Budget: \$14,574,000

Project Status

August 2021

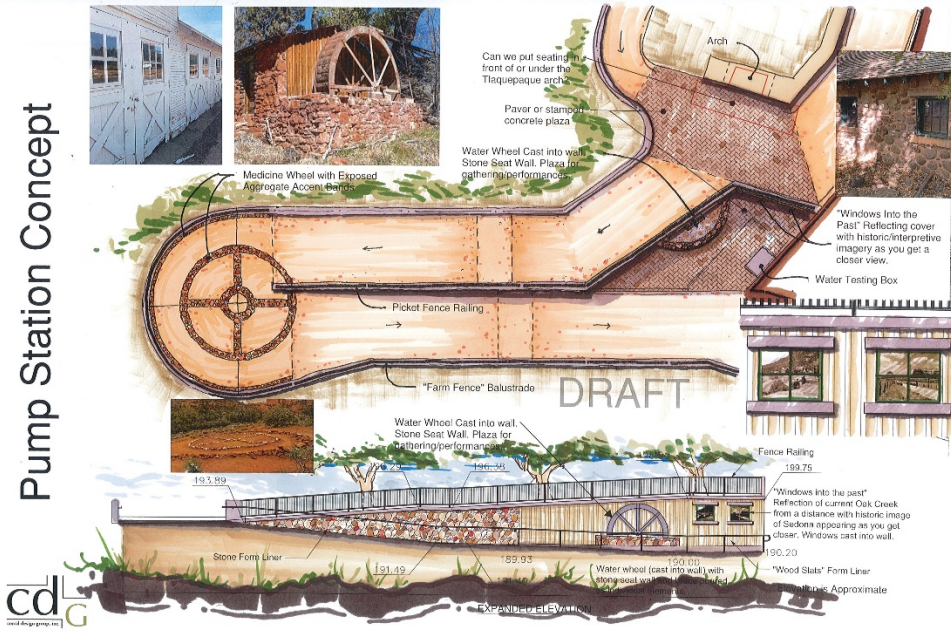
Project Phase	% Completion	Completion Date
Design	35%	May 2022
Construction	0%	Spring/Summer 2023



Sedona in Motion 4C – Pedestrian Crossing at Oak Creek

FY22 CIP Update

Pump Station Concept



KEY FEATURES:

Consultant: JE Fuller/WSP

Contractor: TBD

Timing: FY 2018 – FY 2024

Construction Challenges:

- Heavy vehicular and pedestrian traffic
- Tight Construction Area
- Land acquisition
- Potential for restricted work hours
- Floodplain
- Property impacts
- Utility impacts

Project Manager:

Robert Welch, PE
 (928) 203-5120

BWelch@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$1,347,000

Total Project Budget: \$2,223,000

This project is one of the transportation projects identified in the Transportation Master Plan and by Council as a priority. The project proposes construction of a pedestrian bridge, tunnel, or other pedestrian crossing of State Route 179 between Oak Creek and SR 89A. A Feasibility Study was recently completed for the crossing which identified alternatives and provided a recommendation for a crossing type.

Status: Revised 90% progress plans incorporating at-grade crossing modifications were recently completed by the consultant. These revised plans are currently under review by staff and ADOT for permit review. The added design and resubmittal, including additional utility coordination and ADOT review/reapplication, has extended the project schedule approximately 3 additional months.

The overall schedule for completion of design and permitting has been modified to 14 months. Staff and WSP will be coordinating the design with the State (ADOT) and Federal agencies, as well as local stakeholders.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	90%	November/December 2021
Construction	0%	Spring/Summer 2022



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Sedona in Motion 4D – Y Roundabout Modernization

FY22 CIP Update



KEY FEATURES:

Consultant: ADOT In-House Design

Contractor: TBD

Timing: July 2018 – FY 22

Construction Challenges:

- Potential land acquisition
- Maintenance of traffic/access
- Maintaining available parking

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$0

Total Project Budget: \$702,708

This project is a result of the Transportation Master Plan. ADOT will be the lead jurisdiction on the project but the City will contribute 50% of the overall funding. ADOT Northcentral district was awarded competitive district minor project funding. The project originally consisted of dedicated right turn lanes toward southbound SR 179, and toward Uptown, at the “Y” roundabout. A trial for the northbound improvements was in place for 5 months, starting in mid-May 2020, to test its effectiveness. After a thorough analysis of the data, the ADOT project team and City staff did not see enough of a benefit from the dedicated right-turn lane test and the slip lane modeling, to continue moving forward with the project as previously scoped. As a result, the proposal to put a slip lane from SR 89A from West Sedona to southbound SR 179 through the ADOT property will not be pursued, no lanes will be added or changed, and there will be no encroachment on private property. ADOT and the City of Sedona are now pursuing modernization enhancements to the roundabout and adjacent roadway including signing, striping, ramps, and minor pavement rehabilitation to improve the safety and efficiency of the roundabout operations.

Status: Bids were opened in July with Asphalt Paving & Supply being the low bidder. The contract was approved by the State Transportation Board in August and construction will start on September 7. Replacement of crosswalk ramps will occur first, and paving will occur overnight in early October.

For updates on this project visit the ADOT project page [here](#).

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	100%	May 2021
Construction	0%	November 2021



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Sedona in Motion 5A – Portal-Ranger-Brewer Connection

FY22 CIP Update



KEY FEATURES:

Consultant: Shephard-Wesnitzer (SWI)

Contractor: TBD

Timing: June 2018 – FY 21

Construction Challenges:

- Land acquisition
- Maintenance of parking / traffic
- Proximity to Soldier Wash

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$625,000

Total Project Budget: \$661,799

This project is a result of the Transportation Master Plan. It was identified by Council as a high priority project. The project considers directing exiting vehicles on to Ranger Road and/or Brewer Road during high peak tourist seasons, and during special events. This will greatly reduce the number of vehicles needing to make a U-turn at the Schnebly Hill roundabout, which will reduce congestion and improve travel time for northbound SR 179. Land acquisition may be necessary to make this a public connection.

Status: Staff has collaborated with Tlaquepaque to identify changes to the Portal Lane parking lot that will improve flow and capacity. The design optimizes movements within the parking lot and includes a shared-use path, while protecting mature trees. Numerous concerns have been raised about the potential connection to Ranger Road, so staff are now discussing the possibility of connecting over Soldier Wash to Brewer Road.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	25%	December 2021
Construction	0%	June 2022



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Sedona in Motion 5B – Forest Road Connection

FY22 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn and Associates (KHA)

Contractor: TBD

Timing: December 2017 – FY 2021

Construction Challenges:

- Extremely steep slopes
- Existing property impacts
- Land acquisition

Project Manager:

Robert Welch, PE
 (928) 203-5120
BWelch@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$5,022,370
Total Project Budget: \$6,346,000

This project is a result of the Transportation Master Plan. It was identified by Council as a high priority project. The connection provides an alternative transportation corridor for residents living in the Uptown area, when traveling to and from West Sedona. Land acquisition will be necessary to make this a public connection. A final Feasibility/Concept Design for Forest Road Connection identified two alignment options. Staff received direction from City Council to pursue Alignment Option 1, which extends Forest Road westerly and then southerly to connect with SR 89A approximately 300 feet west of the Brewer Road roundabout.

Status: Design of the project has been completed to the 100% progress stage. Permit review with ADOT and design coordination with utility agencies is continuing. Final modifications have been completed on the project plans and specifications consistent with staff comments. The project is anticipated to be advertised for construction bidding in September. Right-of way and easement acquisitions continue to be in process. An updated and second independent appraisal of right-of-way and easement areas for the project was recently completed.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

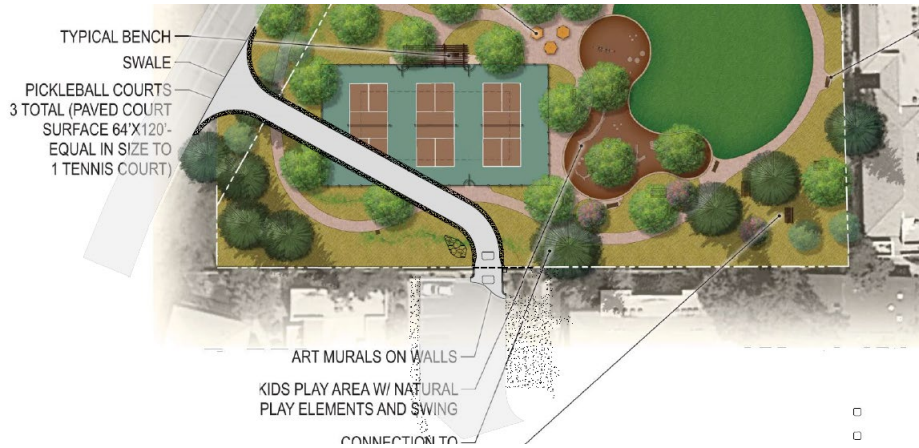
August 2021

Project Phase	% Completion	Completion Date
Design	100%	September 2021
Construction	0%	Summer 2022



Sedona in Motion 5C – Los Abridados to Brewer Connection

FY22 CIP Update



KEY FEATURES:

Consultant: Shephard-Wesnitzer (SWI)

Contractor: TBD

Timing: October 2020 – FY 22

Construction Challenges:

-

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$150,000

Total Project Budget: \$163,050

This project is a result of the Transportation Master Plan. It will provide a connection from Los Abridados through the City owned Ranger Station property to Brewer Road. It provides a similar benefit as SIM-5A as it will further reduce the number of vehicles needing to make a U-turn at the Schnebly Hill roundabout, which will reduce congestion and improve travel time for northbound SR 179.

Status: Design for this project began in October 2020 and was completed in August 2021. Prior to finalizing design, the concept was presented to the Historic Preservation Commission on May 10, and the Planning and Zoning Commission on June 1. Both approved an amendment to the Ranger Station Park Master Plan which will now remove the pickleball courts. Staff is coordinating with Los Abridados to formalize their committed cost share prior to advertising for construction.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	100%	August 2021
Construction	0%	February 2022

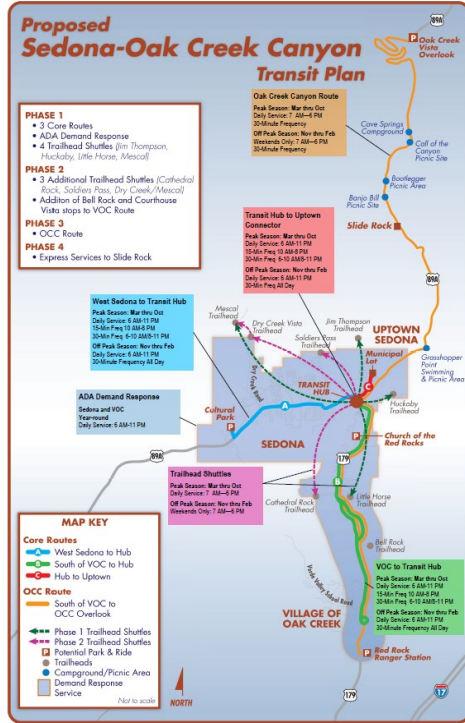


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Sedona in Motion 8 – Enhanced Transit Service

FY22 CIP Update



KEY FEATURES:

Consultant: LSC Transportation Consultants, Inc.

Contractor: TBD

Timing: July 2018 – FY 20

Construction Challenges:

- Bus stop locations
- Park and ride lot locations

Transit Administrator:

Robert Weber
 (928) 203-5086
RWeber@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

This project consists of providing enhanced transit from the Village of Oak Creek, continuing north on SR 179 and SR 89A into Oak Creek Canyon. It includes periodic stops, park and ride lots, and trailhead service. Planning for the project includes representatives from City staff, ADOT, US Forest Service, AZ State Parks, Coconino County, Verde Lynx, Sedona Fire District, and the Sedona Chamber of Commerce. The first step will be implementation of Phase 1, which extends the core routes and includes a service to specific trailheads.

Status: At the May 11, 2021 Council meeting Council directed staff to proceed with the trailhead shuttle and microtransit plan as presented, to look at additional parking opportunities, and to evaluate the carbon offset of gasoline versus hybrid vehicles. Staff was also directed to proceed with steps required to permanently extend the transportation sales tax to fund implementation of the transit system. At the August 10 meeting, staff will be requesting approval to lease purchase five trailhead shuttle transit vehicles.

For more information on this project, visit the project website at: www.sedonaaz.gov/Transit.

\$ FY22 Project Budget: \$ 2,170,000
Total Project Budget: \$44,380,000

Project Status

August 2021

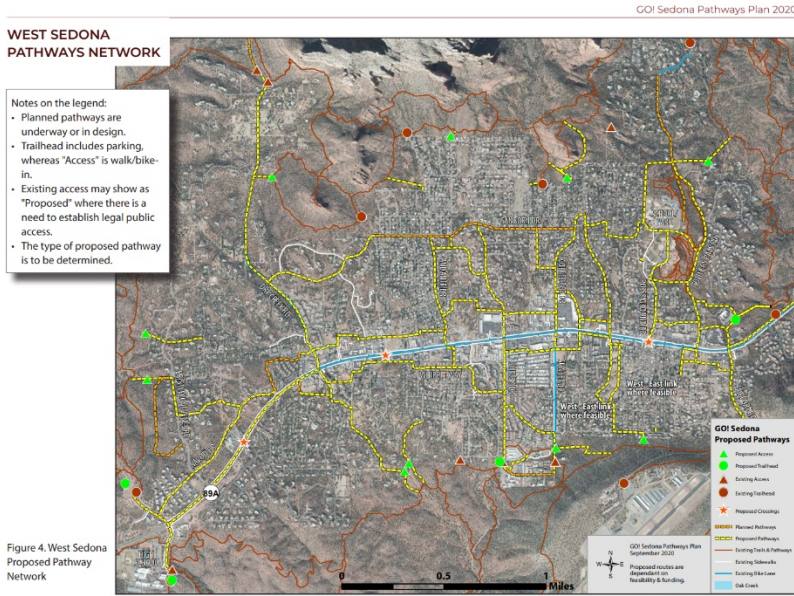
Project Phase	% Completion	Completion Date
Design	100%	October 2019
Construction	0%	TBD



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Sedona in Motion 11A – 11H – Bicycle and Pedestrian Improvements **FY22 CIP Update**



This program is recommended in the Transportation Master Plan, as strategy SIM 11. Walkability/bikeability has been identified by Council and community surveys as a high priority. Priority areas are being identified through the trails and pathways master plan update, this effort is referred to as GO Sedona, for further information see the project website located here: www.sedonaaz.gov/GO. The urban trail network developed through these efforts is referred to as the Sedona Trails & Pathways System (ST&PS). Projects are being developed in several high priority areas, in the following locations:

- Chapel Road – from SR-179 ROW to Cathedral Lane (design completed).
- Navoti Drive to Dry Creek Road – bike/pedestrian path connector (design completed).
- Schnebly Hill Road – from the roundabout along the west side of Schnebly Hill Road to Bear Wallow Lane.
- Shelby Drive – bike lane on west side, from State Route 89A to the entrance to Sunset Park.
- Southwest Drive – from the Dry Creek Road along Southwest Drive to Rodeo Road.
- Sunset Park – from the Shelby Drive thru Sunset Park to Sunset Drive (completed).
- Pinon Drive – from SR 89A and Pinon Drive to Cedar Lane and Pinon Drive.

For a copy of this update, or updates for other projects, visit the project website at: www.sedonaaz.gov/CIP.

KEY FEATURES:

- Consultant:** Shephard-Wesnitzer (SWI)
- Contractor:** TBD
- Timing:** July 2018 – FY 2021
- Construction Challenges:**
 - Easement/Land acquisition
 - Developing connections within existing Right of Way.

Project Manager:
 James Crowley EIT, RLS
 (928) 203-5092
JCrowley@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

Project Status **August 2021**

Project Phase	% Completion	Completion Date
Design	100%	July 2021
Construction	15%	TBD

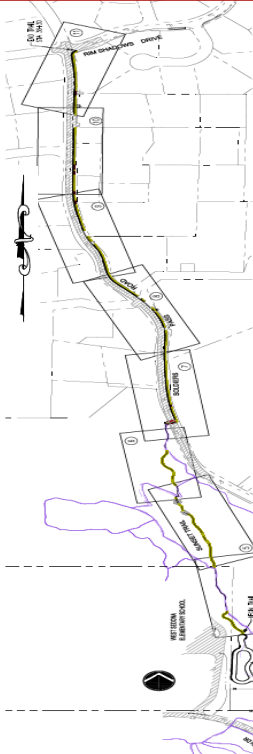


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Sedona in Motion 11B – Posse Ground Park Parking Imp/Soldiers Pass Road SUP

FY22 CIP Update



KEY FEATURES:

Consultant: Hoskin-Ryan Consultants, Inc.

Contractor: Paul R. Peterson Construction Inc.

Timing: January 2021 – FY 2022

Construction Challenges:

- Residential Access
- Developing connections within the existing Right of Way
- Maintenance of Traffic
- Visitor Parking Demands for Trailhead Access

Project Manager:

James Crowley EIT, RLS
 (928) 203-5092
JCrowley@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$1,352,880

Total Project Budget: \$1,443,699

This Project is recommended in the Transportation Master Plan as a part of the SIM 11 strategy. Walkability/bikeability has been identified by Council and community surveys as a high priority. Priority areas are being identified through the trails and pathways master plan update, this effort is referred to as GO Sedona, for further information see the project website located here: www.sedonaaz.gov/GO. The urban trail network developed through these efforts is referred to as the Sedona Trails & Pathways System (ST&PS). This Posse Ground and Soldiers Pass Shared Use Path (SUP) improvement project is in one of the high priority areas. This project will include construction of a 40space parking facility, two ADA restrooms at Posse Ground Park and 3,100 feet of an 8 to 10 foot wide shared use, stabilized decomposed granite, path. This will provide trail access from the parking improvements to the existing Sunrise Trail, connecting the existing trail outlet crossing Soldiers Pass Road and continue north along the west side of Soldier Pass Road to Rim Shadow Drive. Status: Design work for this project was budgeted in FY21. The design is complete. The City Council approved the construction contract on June 22. There will be additional community outreach to residents along the corridor to share the design, explain the timeline and communicate the website www.soldierspasssup.com and project hotline (928) 852-4164. For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	100%	March 2021
Construction	5%	March, 2022



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Sedona in Motion 11I – Dry Creek Road Shared Use Path

F22 CIP Update



KEY FEATURES:

Consultant: Civiltec Engineering Inc.

Contractor: Paul R. Peterson Construction Company

Timing: January 2020 – FY 2021

Construction Challenges:

- Residential Access
- Developing connections within the existing Right of Way
- Maintenance of Traffic
- Visitor Parking Demands for Trailhead Access

Project Manager:
 James Crowley EIT, RLS
 (928) 203-5092

JCrowley@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$181,051

Total Project Budget: \$836,606

This Project is recommended in the Transportation Master Plan as a part of the SIM 11 strategy. Walkability/bikeability has been identified by Council and community surveys as a high priority. Priority areas are being identified through the trails and pathways master plan update, this effort is referred to as GO Sedona, for further information see the project website located here: www.sedonaaz.gov/GO. The urban trail network developed through these efforts is referred to as the Sedona Trails & Pathways System (ST&PS). This Dry Creek Road project is in one of the high priority areas. This project will include the construction of 3,100 feet of an 8 to 10 foot wide shared use, stabilized decomposed granite, path from the FS-152 and Dry Creek Road intersection, south along the west side of Dry Creek Road to the Two Fences Trail Head. Easements have been provided by the residents along the path. The project has the financial support of the HOA with an \$17,000 contribution to the construction phase of this project.

Status: The design work for this project was budgeted in FY20 (it is complete). The project was advertised for public sealed bid in November. Three bids were received. The construction contract was awarded to Paul R. Peterson Construction and approved by City Council on December 8, 2020. The Project construction started on January 11, 2021. For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	100%	July 2020
Construction	95%	October 2021



City of Sedona
Public Works Department
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 (928) 204-7111 • Fax: (928) 282-5348



Sedona in Motion 12A, 12B – Traveler Information – Traffic Data & Video Services

FY22 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn (Travel Time) SEC, Inc. (camera installation)

Contractor: TBD

Timing: July 2018 – FY 20

Construction Challenges:

- Communications capabilities

Project Manager:

Stephen Craver, PE
 (928) 203-5059
SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$527,000

Total Project Budget: \$534,193

This project is a result of the Transportation Master Plan (TMP). It was identified by Council as a high priority project. This project consists of providing real-time information to travelers through a variety of methods.

Status: The travel time information signage as shown in the image above is being displayed by ADOT on overhead Digital Message Signs (DMS) on the I-17 corridor as of December 11, 2018. Current travel times for those signs can be viewed by visiting AZ511.gov. Staff is working with ADOT to ensure the messaging is accomplishing the goals of reducing travel times and congestion within the City. FY 22 budget contemplates the City contributing to an additional overhead DMS for southbound I-17 closer to SR 260. Staff met with ADOT in June to discuss possible location of a future sign and how to advance implementation. We are waiting for further information from ADOT. Cameras have been installed along SR 179 near Tlaquepaque and in Uptown. Staff is working with IT to allow residents and tourists to view current traffic conditions from these cameras. Staff is pursuing other locations for cameras such as Cook’s Hill and the Chapel area. The City is continuing to monitor ongoing travel time information to gauge congestion frequency/duration, and gauge benefits of completed projects. This data is also beneficial for informing when Traffic Control Assistants should be deployed in Uptown and at Tlaquepaque.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	60%	TBD
Construction	0%	TBD



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Shelby Drive Roadway Improvements

FY22 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn and Associates, Inc. (Design)
 Shephard Wesnitzer, Inc. (Survey)
Contractor: Eagle Mountain Construction (EMC)

Construction Challenges:

- Minimal disturbance to businesses.
- Right-of-way dedication to the city of Sedona

Project Manager:

Stephen Craver, PE
 (928) 203-5059
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City Engineer:

J. Andy Dickey, PE
 (928) 203-5039
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\$ FY22 Project Budget: \$1,252,225
Total Project Budget: \$2,069,803

This project is a result of the recommendations as laid out by the Sunset Live/Work Community Focus Area (CFA). The CFA identified the portion of Shelby Drive within the AAA Industrial Park subdivision as a key area for economic development and improvement. As this roadway is privately owned the roadway will need to be dedicated as public right-of-way for the project to succeed. If the roadway is dedicated to the public, it will be improved with new pavement, curbs, gutters, storm drain, and sidewalks, as well as bringing sewer service. The city received a grant from the State of Arizona for \$500,000 to put toward this project. Final revisions to the plat amendment were completed in early December. The city has now received approval ratifications from all affected property owners. Notice to Proceed date was April 26, 2021.

Status: EMC began with sewer installation at the west end of the project working east. Sewerline installation was delayed due to rock, but was complete in early August. Work on the new storm drain and dry utilities has begun. A full closure is in effect in the immediate work area only.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status		August 2021
Project Phase	% Completion	Completion Date
Design	100%	August 2020
Construction	35%	November 2021



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SR179 Sewer Main Upsize

FY22 CIP Update



KEY FEATURES:

Consultant: Sunrise Engineering, Inc.

Contractor: TBD

Timing: Spring 2019 – Fall 2021

Construction Challenges:

- Potential by-pass operations
- Maintaining sewer service in the area
- Construction traffic control

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$ 518,500

Total Project Budget: \$2,289,748

The 2017 Wastewater Master Plan Update included an evaluation of collection system capacity using sewer modeling. The 8-inch sewer main that runs along SR179 between Highland Road and Copper Cliffs Drive showed minor surcharging and insufficient capacity. The project will increase the size of the sewer pipe to 12-inch, which will allow for sufficient capacity through system buildout flow conditions. The project will also replace a deteriorated 12-inch sewer line running under the pedestrian bridge at Tlaquepaque with new pipe.

Status: Phase 1 of the project, which consisted of work being done in SR179 between Copper Cliffs Drive and the Schnebly Hill Road roundabout, is complete. Phase 2 will replace the sewer main within the Schnebly Hill Road roundabout and under the pedestrian bridge crossing at Oak Creek. The project will be advertised for bid in September 2021 and Phase 2 construction is anticipated to begin in fall of 2021.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

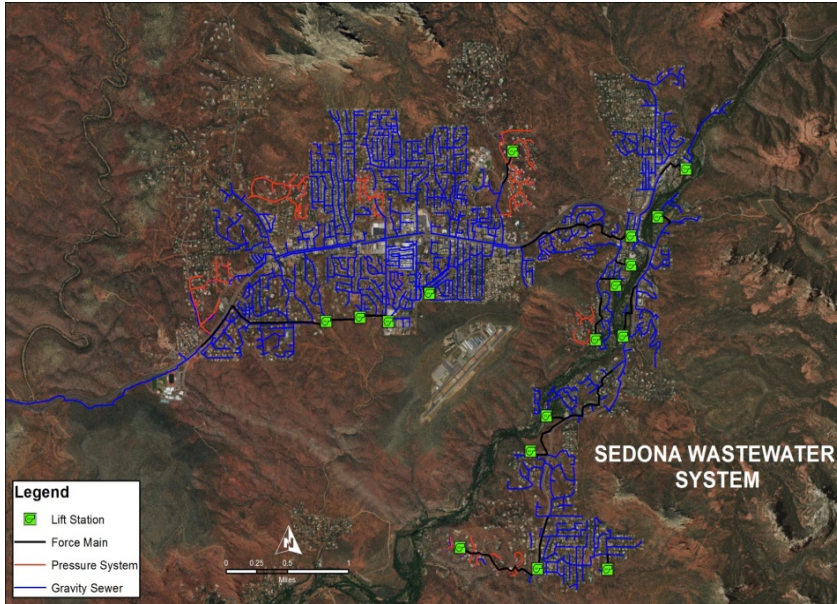
Project Phase	% Completion	Completion Date
Design	100%	Winter 2019/2020
Construction	80%	2021



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Major Lift Station Upgrades

FY22 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.

Contractor: TBD

Timing: Spring 2021

Construction Challenges:

- Potential by-pass operations
- Maintaining operations of the lift stations

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$1,102,000
Total Project Budget: \$1,132,000

The Major Lift Station Upgrades project will make improvements at the three major lift stations; Brewer Rd., Carroll Canyon, and El Camino lift stations. Work will consist of upgrading obsolete controls, allowing for efficient and reliable automation. Additionally, coatings will be refreshed in the wet wells, and variable frequency drives, flow meters, and transfer switches will be replaced. Design of the upgrades will begin in Fiscal Year 2021, and construction is proposed in Fiscal Year 2022

Status: The design team has finished gathering and evaluating field data. Staff is reviewing the first draft of the Preliminary Design Report. The report makes recommendations for equipment replacement, and specific upgrades needed, based on field data. The report will serve as the basis for design moving forward.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status **August 2021**

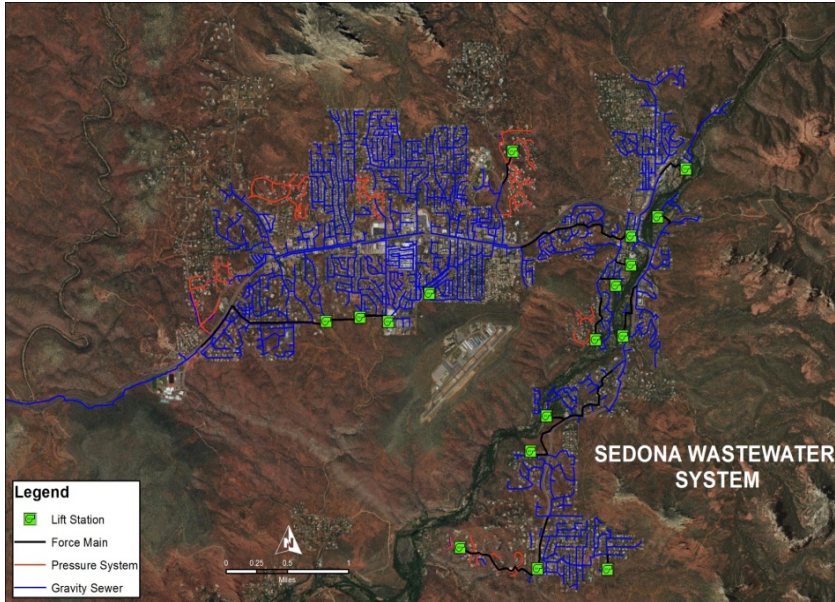
Project Phase	% Completion	Completion Date
Design	15%	Winter 2021
Construction	0%	Winter 2021/2022



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Brewer Road Force Main Valve Replacements

FY22 CIP Update



KEY FEATURES:

Consultant: N/A

Contractor: Construction Product Marketing

Timing: Fall 2021

Construction Challenges:

- Terrain
- Removal of old valves

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

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City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

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\$ FY22 Project Budget: \$100,000

Total Project Budget: \$100,000

The 2017 Wastewater Master Plan Update (WWMP) included condition assessments of existing sewer infrastructure. During the evaluations, it was determined that the Brewer Road Force Main air release/vacuum breaking valves should be replaced in order to maintain proper functionality of the force main. This project will replace the air release/vacuum breaking valves in the Brewer Road force main.

Status: Staff is in the process of contracting with Construction Product Marketing for procurement and installation of the new valves. It is anticipated that the work will begin in October 2021.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status **August 2021**

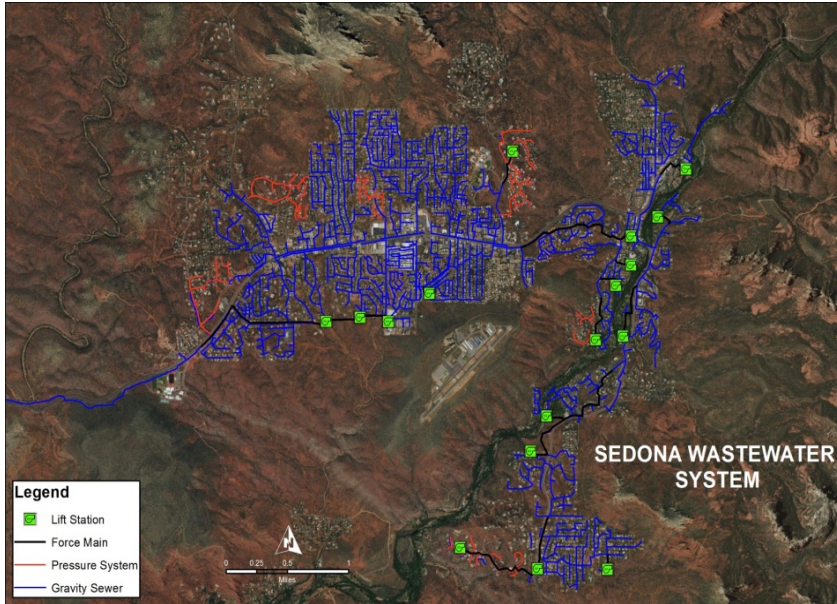
Project Phase	% Completion	Completion Date
Design	n/a	n/a
Construction	0%	Fall 2021



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Juniper Trail Sewer Extension

FY22 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Timing: Spring 2022

Construction Challenges:

- Potential for repair of dryline

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$60,000

Total Project Budget: \$60,000

In 2011, in conjunction with the SR179 Realignment Project, an 8-inch dryline sewer was installed for future use. In order to make the dryline active, approximately 200 linear feet of sewer will be installed in Juniper Trail to tie the dryline into the active collection system. The extension will allow for the potential connection of up to 31 properties, 9 of which are undeveloped.

Status: Wastewater staff will be assessing the condition of the existing dry line in September 2021. Once the condition is known, design of the extension will begin. It is anticipated that installation of the new sewer extension will be complete in Spring 2022.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	0%	Winter 2021/2022
Construction	0%	Spring 2022



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WWRP Reservoir Liner Replacement

FY22 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Timing: Winter 2022

Construction Challenges:

- Removal of water in the reservoir
- Storage of water during the replacement

Project Manager:

Roxanne Holland, PE
 (928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY22 Project Budget: \$1,000,000

Total Project Budget: \$1,000,000

The Wastewater Department storage treated wastewater in a 70 million gallon reservoir prior to sending the water to irrigation as part its effluent management strategy. The reservoir is lined to prevent seepage in a 70 million gallon earthen reservoir. The existing liner is original to the construction of the reservoir and is necessary to maintain compliance with the Arizona Department of Environmental Quality. This project will replace the liner.

Status: Wastewater staff will be contacting companies that specialize in this unique type of work. It is anticipated the project will begin over the winter of 2021/2022.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

Project Phase	% Completion	Completion Date
Design	0%	Winter 2021/2022
Construction	0%	Spring 2022



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WWRP Area 4 Valve Vault Upgrade

FY22 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Timing: Winter 2022

Construction Challenges:

- Maintaining operation of area 4 pump station
- Isolation of water from reservoir

Project Manager:

Roxanne Holland, PE

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City Engineer:

J. Andy Dickey, PE

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\$ FY22 Project Budget: \$65,000

Total Project Budget: \$65,000

Water level in the area 4 irrigation pump station is controlled by a custom fabricated motor operated slide gate that was originally installed in the 1990s. The slide gate has worn to a point that it will not close completely, resulting in water continually flowing into the overflow when pumps are not operating. If the slide gate is stuck in the open position, an offsite discharge would result in a permit violation and potential for flooding of downstream properties along Forest Service Road 525 exist. This project will replace the existing slide gate that provides level control to the area 4 pump station with a motor operated valve.

Status: A project planning meeting is scheduled in September 2021, after which design will commence. It is anticipated that the project will be constructed in spring 2022.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

August 2021

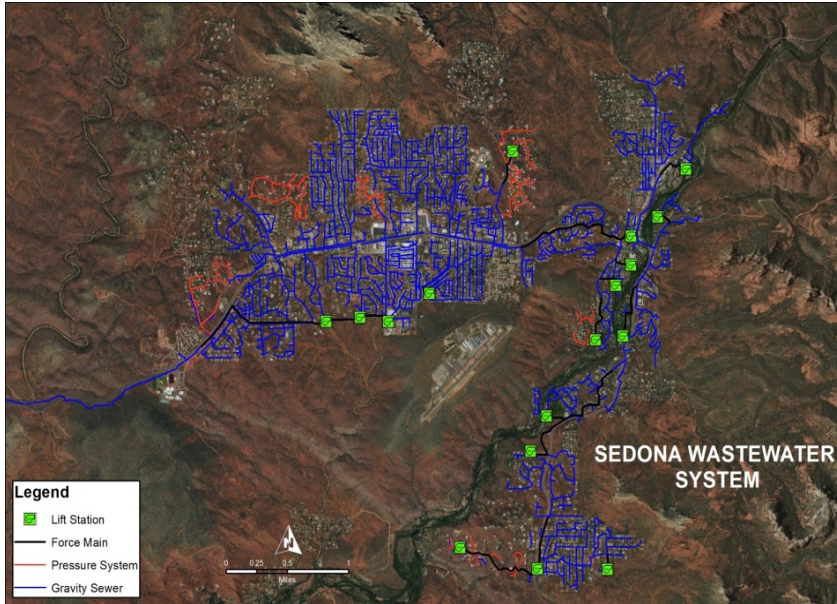
Project Phase	% Completion	Completion Date
Design	0%	Winter 2021/2022
Construction	0%	Spring 2022



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Misc. Sewer Rehabs/Replacements

FY22 CIP Update



KEY FEATURES:

- Consultant:** TBD
- Contractor:** TBD
- Timing:** Spring 2022
- Construction Challenges:**
 - Maintaining service

Project Manager:
 Roxanne Holland, PE
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City Engineer:
 J. Andy Dickey, PE
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\$ FY22 Project Budget: \$40,000
Total Project Budget: \$390,000

The 2017 Wastewater Master Plan Update (WWMP) included condition assessments of existing sewer infrastructure. During the evaluations, several areas were identified as needing attention. This project will rehab or replace sewer line scattered throughout the city. Design is scheduled for FY21-22, while construction is scheduled for FY22-23.

Status: Design on this project will begin in early 2022.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status **August 2021**

Project Phase	% Completion	Completion Date
Design	0%	Spring 2022
Construction	0%	FY22-23