

Stormwater Master Plan



Shelby Drive Roadway Improvements



PD Shooting Range



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

## **December 2021 - FY22 Project Updates**

WEB LINK:

www.sedonaaz.gov/CIP



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## PD Shooting Range Improvements Phase II

**FY22 CIP Update** 



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.

<u>Status</u>: 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 electrical review and final inspections by the Arizona Department of Housing.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

Consultant: In-House,

Mountain High Engineering

**Contractor:** Caruso Construction, Inc

#### **Construction Challenges:**

- Difficulty communicating with Arizona Department of Housing
- Shipping delays due to Covid19
- Expiration of Arc Flash labels

#### <u>Project Manager</u>:

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

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



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

F22 CIP Update







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: <a href="www.sedonaaz.gov/GO">www.sedonaaz.gov/GO</a>. 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 has been completed and is open for use. For a copy of this update, or updates for other projects, visit the projects website at: <a href="www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

**Consultant:** Civiltec Engineering Inc.

<u>Contractor:</u> Paul R. Peterson

Construction Company

<u>Timing</u>: 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 <u>Total Project Budget:</u> \$836,606

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 100% July 2020 Construction 100% December 2021



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## PD Facility Renovation

## **FY22 CIP Update**



**KEY FEATURES:** 

<u>Consultant:</u> Gabor Lorant Architects,

Inc.

**Contractor:** Hope Construction LLC

#### **Construction Challenges:**

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

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 remodeling 4000 square feet of the existing station, and adding a 1830 square foot building addition along the southeast side of the building.

<u>Status</u>: 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 went out for re-bid. Bids were due October 18, 2021. An acceptable bid was received on October 18 from Hope Construction in the amount of \$1,990,000, The construction contract has been awarded to Hope Construction. Construction is in progress.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

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

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

Project Status		December 2021
Project Phase	% Completion	Completion Date

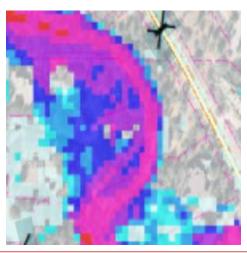
Project Phase	% Completion	Completion Dat
Design	100%	FY21
Construction	0%	FY22



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## **Stormwater Master Plan Update**

FY22 CIP Update





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.

#### **KEY FEATURES:**

**Consultant:** JE Fuller, Inc.,

Contractor: N/A

Timing:

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

#### **Construction Challenges**

N/A

#### Project Manager:

Sandra Phillips, PE, CFM (928) 203-0118

<u>SPhillips@SedonaAZ.gov</u>

#### City Engineer:

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

<u>ADickey@SedonaAZ.gov</u>

**FY22 Project Budget:** \$200,000 **Total Project Budget:** \$400,000

Project Status		December 2021
Project Phase	% Completion	Completion Date
SWMP Update – Phase I	100%	FY20
SWMP Update – Phase II	100%	FY21
SWMP Update – Phase III	40%	FY22



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## **Back O' Beyond Low Water Crossing**

## **FY22 CIP Update**



During significant storm events, the at-grade wash crossing of Back O' Beyond Road would be covered with water, isolating residents and visitors to the Cathedral Rock Trailhead.

This project will develop the design and costs to improve public road ingress and egress for the public in this area.

The 2005 Stormwater Master Plan did not identify this project. This project was escalated in priority due to public safety and cost of maintaining this crossing when rainfall events occurred. Excessive debris, soil and rock would need to be removed from this crossing.

Corps of Engineers' requirements will be determined and right-of-way needs will be defined.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

**Consultant:** Shephard-Wesnitzer, Inc.,

Contractor: N/A

Timing:

Design: FY 2022 Construction: FY23

#### **Construction Challenges**

Narrow right-of-way

Necessity to keep a portion of roadway traversable.

#### Project Manager:

Johnathan Hoffman (928) 203-5124 JHoffman@SedonaAZ.gov

#### **City Engineer:**

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

**FY22 Project Budget:** \$50,000 **Total Project Budget:** \$

# Project Status Project Phase Completion Completion Date

Design 2% FY22
Construction 0% FY23



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## Sedona in Motion 1B – Uptown Northbound Improvements

**FY22 CIP Update** 



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 to replicate actual conditions that were observed and measured on that day. Various improvement alternatives were incorporated into the model, and the consultant has provided recommendations to improve northbound travel. These recommendations include continuation of two northbound lanes through Forest Road, merging before the Jordan Road roundabout, and turning the existing loading zone north of midblock into a dedicated right turn lane at Amara Lane. Recommendations and modeled benefits were presented to Council at the October 12 regular meeting. The recommendation memo has been finalized, and we have received a design proposal from our consultant which is being reviewed by staff. After Council approval of the design contract in February, design and public outreach will begin in March.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

**Consultant:** Kimley-Horn

**Contractor:** TBD

**<u>Timina</u>**: 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

Project Status		December 2021
Project Phase	% Completion	Completion Date

Study 100% December 2021 Construction 0% TBD



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#### Sedona in Motion 3A - Uptown Parking

**FY22 CIP Update** 



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.

<u>Status</u>: The project is in design by the consulting firm of Gabor Lorant Architects, Inc. and is anticipated to take a little over a year to complete. Design Development was recently completed to the 60% progress level and is currently under review by staff.

In November the design team and staff conducted a work session with Sedona Planning and Zoning to receive input on the design prior to submittal of a Development Review application. Information, including plans, on the recently completed 60% design, can be viewed and downloaded from the Uptown Sedona Garage project website at: <a href="https://uptownsedonagarage.com/">https://uptownsedonagarage.com/</a>

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP">www.sedonaaz.gov/CIP</a>.

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

#### **KEY FEATURES:**

<u>Consultant</u>: Gabor Lorant Architects, Inc.

Contractor: TBD

<u>Timing</u>: 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		December 2021
Project Phase	% Completion	Completion Date

Design 60% May 2022 Construction 0% Spring/Summer 2023

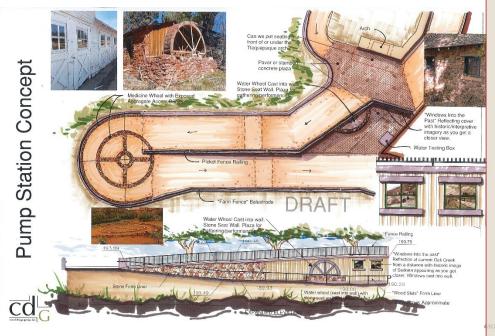


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## Sedona in Motion 4C – Pedestrian Crossing at Oak Creek

**FY22 CIP Update** 



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 have been reviewed by both City staff and ADOT and returned to the Engineer with comments for consideration. Completion of final design is anticipated by the end of January 2022. At that time one final review will be made for any needed modifications to the plans and specifications before releasing a construction bid advertisement of the project.

The overall schedule for completion of design and permitting has been modified to 14 months. Construction of the project is anticipated to take 9 months. Staff and the Engineer (WSP) will be coordinating the design and construction 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: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

**Consultant:** JE Fuller/WSP

**Contractor:** TBD

<u>Timing</u>: 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

<u>ADickey@SedonaAZ.gov</u>

**FY22 Project Budget:** \$1,347,000 **Total Project Budget:** \$2,223,000

Project Status	December 2021

Project Phase	% Completion	Completion Date
Design	90%	February 2022
Construction	0%	Summer/Fall 2022



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#### Sedona in Motion 4D – Y Roundabout Modernization

**FY22 CIP Update** 



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.

<u>Status</u>: 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 began on September 7. Replacement of crosswalk ramps and driveways was completed in September, and paving was completed overnight in early October. Temporary striping has been applied, and final striping will be complete in the Spring, when temperatures allow.

For updates on this project visit the ADOT project page here.

Construction

#### **KEY FEATURES:**

**Consultant:** ADOT In-House Design

**Contractor:** TBD

<u>Timing</u>: July 2018 – FY 22 <u>Construction Challenges</u>:

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

#### **Project Manager**:

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

#### City Engineer:

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

**FY22 Project Budget:** \$0 **Total Project Budget:** \$702,708

April 2021

Project Status		December 2021
Project Phase	% Completion	Completion Date
Design	100%	May 2021

95%



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

**FY22 CIP Update** 



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.

<u>Status</u>: 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 focused on the possibility of connecting over Soldier Wash to Brewer Road. This revised connection will be combined with a project that will improve the Ranger/Brewer intersection. Design for that project is expected to begin in January 2022.

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

#### **KEY FEATURES:**

**Consultant:** Shephard-Wesnitzer (SWI)

**Contractor:** TBD

<u>Timing</u>: June 2018 – FY 23 <u>Construction Challenges</u>:

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

#### Project Manager:

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

#### City Engineer:

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

**FY22 Project Budget:** \$625,000 **Total Project Budget:** \$661,799

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 50% June 2022 Construction 0% TBD



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#### Sedona in Motion 5B – Forest Road Connection

**FY22 CIP Update** 



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.

<u>Status</u>: Design of the project has been completed as well as permit review/approval with ADOT and ADEQ. Final design coordination with utility agencies has also been completed. While the project was advertised for construction in September, an evaluation of the recent bid results indicated a need to rebid the project. Accordingly, the project plans and specifications have been modified, and the project will be republicized for bidding the end of December in an effort to obtain more favorable results. Right-of way and easement acquisitions continue to be in process.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

Consultant: Kimley-Horn and

Associates (KHA)

Contractor: TBD

**<u>Timing</u>**: 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

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 100% November 2021 Construction 0% Spring/Summer 2023



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## Sedona in Motion 5C - Los Abrigados to Brewer Connection

**FY22 CIP Update** 



This project is a result of the Transportation Master Plan. It will provide a connection from Los Abrigados 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 has coordinated with Los Abrigados to formalize their committed cost share. The cost-share agreement will be presented to Council at the January 25, 2022 meeting. Once approved, staff will move forward with advertising for construction in early February.

For a copy of this update, or updates for other projects, visit the projects website at:

#### **KEY FEATURES:**

**Consultant:** Shephard-Wesnitzer (SWI)

**Contractor:** TBD

**<u>Timing</u>**: 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

www.sedonaaz.gov/CIP.

Project Status		December 2021
Project Phase	% Completion	Completion Date
Design	100%	August 2021
Construction	0%	June 2022



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## Sedona in Motion 5D - Brewer-Ranger Intersection

**FY22 CIP Update** 



This project has been identified as a need for many years but is now being prioritized based on the necessity of transit to utilize the intersection for access to the proposed transit hub location. The image above is a concept of what a potential roundabout at the project location may look like, however the type of intersection has yet to be determined. The new intersection will include constructing a portion of a Ranger Road extension and will also look to accommodate the connection from Portal Lane to Brewer Road as part of SIM-5A.

<u>Status</u>: A design contract with Kimley-Horn was approved by Council on February 14, 2021. A project kick-off meeting will be held in late January. Outreach to Brewer Road residents is expected to occur early in the process.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP">www.sedonaaz.gov/CIP</a>.

#### **KEY FEATURES:**

**Consultant:** Kimley-Horn

**Contractor:** TBD

**<u>Timing</u>**: January 2022 – June 2023

#### **Construction Challenges**:

- Adjacent driveways
- Limited footprint
- Proximity to Soldier Wash
- Public access to Brewer Road

#### 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:** \$339,300 <u>Total Project Budget:</u> \$2,949,300

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 0% September 2022 Construction 0% June 2023

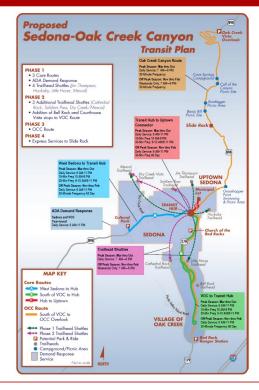


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#### Sedona in Motion 8 – Enhanced Transit Service

**FY22 CIP Update** 



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, Council approved the lease purchase five trailhead shuttle transit vehicles. Transit branding was presented to Council at the October 12 SIM Update.

For more information on this project, visit the project website at: <a href="https://www.sedonaaz.gov/Transit">www.sedonaaz.gov/Transit</a>.

#### **KEY FEATURES:**

**Consultant:** LSC Transportation

Consultants, Inc.

Contractor: TBD

<u>Timing</u>: July 2018 – FY 20 <u>Construction Challenges</u>:

- 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

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

Project Status		December 2021
Project Phase	% Completion	Completion Date

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



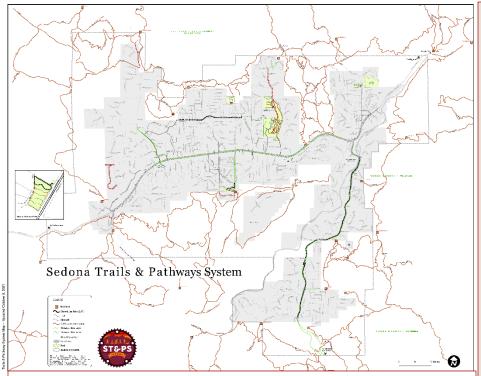
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#### Sedona in Motion 11A – 11G – Bicycle and Pedestrian Improvements

**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: <a href="www.sedonaaz.gov/GO">www.sedonaaz.gov/GO</a>. 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: <a href="Majority Majority Majority

- Navoti Drive to Dry Creek Road bike/pedestrian path connector (design completed, reviewing alignment and acquiring easements).
- 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 Rd.
- 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: <a href="https://www.sedonaaz.gov/CIP">www.sedonaaz.gov/CIP</a>.

#### **KEY FEATURES:**

**Consultant:** Shephard-Wesnitzer (SWI)

**Contractor:** TBD

**<u>Timing</u>**: 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		December 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** 



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 40-space 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.

#### **KEY FEATURES:**

<u>Consultant:</u> Hoskin-Ryan Consultants, Inc.

**Contractor:** Paul R. Peterson

Construction Inc.

**<u>Timing</u>**: 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

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 100% March 2021
Construction 30% March, 2022



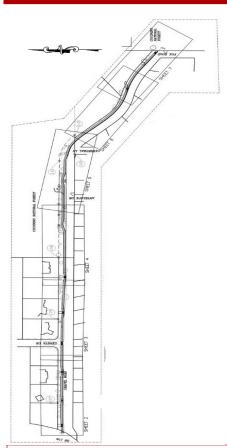
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Sedona in Motion 11H - Chapel SUP & Mystic Parking Lot

FY22 CIP Update







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: <a href="www.sedonaaz.gov/GO">www.sedonaaz.gov/GO</a>. The urban trail network developed through these efforts is referred to as the Sedona Trails & Pathways System (ST&PS). This Chapel Road Shared Use Path (SUP) and Parking Lot improvement project is in one of the high priority areas. This project will include construction of a 39-space parking facility, two ADA restrooms at the trail head parking lot and 2830 feet of an 8 to 10 foot wide shared use, Sedona red concrete path. This will provide trail access from State Route 179 to the existing Mystic Trail head and Fox Road. <a href="Status">Status</a>: Design work for the SUP project is complete. The design of the parking lot was awarded January 2022. Construction of the SUP scheduled to be given Notice to Proceed March 2022. For a copy of this update, or updates for other projects, visit the projects website at: <a href="www.sedonaaz.gov/CIP">www.sedonaaz.gov/CIP</a>.

#### **KEY FEATURES:**

<u>Consultant:</u>, Southwest Environmental Consultants, Inc. on SUP; Paradigm Design on Parking Lot

**Contractor:** TBD

**<u>Timing</u>**: January 2022 - FY 2023

#### **Construction Challenges:**

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

#### Project Manager:

John Hoffman (928) 203-5124 JHoffman@SedonaAZ.gov

#### **City Engineer:**

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

**FY22** Project Budget: \$ Total Project Budget: \$

Project Status		December 2021
Project Phase	% Completion	Completion Date
Design Parking Lot	5%	June 2022
Construction of SUP	0%	July, 2022



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

FY22 CIP Update



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. Staff have submitted an encroachment permit to ADOT for the new sign location and are waiting for feedback and comments. 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: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

<u>Consultant:</u> Kimley-Horn (Travel Time) SEC, Inc. (camera installation)

Contractor: TBD

<u>Timing</u>: July 2018 – FY 20 <u>Construction Challenges</u>:

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

Project Status		December 2021
Project Phase	% Completion	Completion Date
Design	60%	TBD
Construction	0%	TBD



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#### **Shelby Drive Roadway Improvements**

FY22 CIP Update



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. In order for this project to proceed, the City needed to acquire the private portion of roadway. The city has now received approval ratifications from all affected property owners, and the plat amendment has been recorded. The project includes new pavement, curbs, gutters, storm drain, shared-use path, and new sewer service. The city received a grant from the State of Arizona for \$500,000 to put toward this project. Notice to Proceed date was April 26, 2021. 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.

Status: Work on the new storm drain and dry utilities is nearing completion after gutter is expected to begin in early January.

#### **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

SCraver@SedonaAZ.gov

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

ADickey@SedonaAZ.gov

**5 FY22 Project Budget:** \$1,252,225

Total Project Budget: \$2,069,803

significant rock delays. This has pushed the expected project completion to March 2022. A full closure is in effect in the immediate work area only. Work on curb and

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

#### **Project Status** December 2021 **Project Phase** % Completion **Completion Date** 100% August 2020 Design Construction 50% March 2022

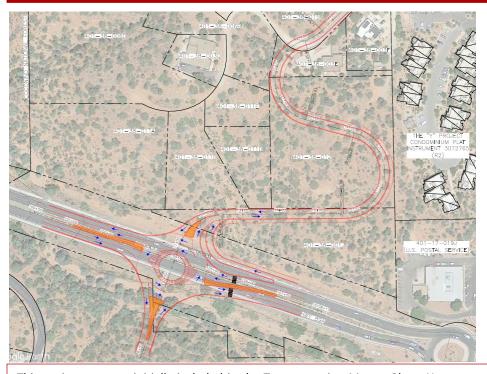


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#### **Forest-Ranger-SR 89A Intersection**

**FY22 CIP Update** 



This project was not initially included in the Transportation Master Plan. However, based on continued observation and the development of the Uptown Parking Garage and Transit Hub locations, staff believes an improved intersection at the new Forest extension and Ranger extension will provide congestion relief benefit. The image above is a concept of what a potential roundabout at the project location may look like. The project will also include a new bus lane on SR 89A and modifications to the Brewer Road roundabout.

<u>Status</u>: Staff has received a proposal for an initial intersection study that is expected to be complete by the end of June.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP">www.sedonaaz.gov/CIP</a>.

#### **KEY FEATURES:**

**Consultant:** Kimley-Horn

Contractor: TBD

**<u>Timing</u>**: January 2022 – June 2024

#### **Construction Challenges:**

- Adjacent grades
- Proximity to Soldier Wash
- Public access to Brewer Road

#### Project Manager:

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

City Engineer:

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

**FY22 Project Budget:** \$67,000 **Total Project Budget:** \$2,949,300

Project Status	December 2021

Project Phase% CompletionCompletion DateDesign0%September 2022Construction0%June 2023



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#### **SR179 Sewer Main Upsize**

FY22 CIP Update



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.

<u>Status</u>: 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. Phase 2 construction is scheduled to begin January 5, 2022.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **KEY FEATURES:**

<u>Consultant:</u> Sunrise Engineering, Inc.<u>Contractor:</u> Standard Construction Co.<u>Timing:</u> Spring 2019 – Spring 2022

## 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 <u>ADickey@SedonaAZ.gov</u>

**FY22 Project Budget:** \$ 518,500 <u>Total Project Budget:</u> \$2,289,748

Project Status		December 2021
Project Phase	% Completion	Completion Date

 Design
 100%
 Winter 2019/2020

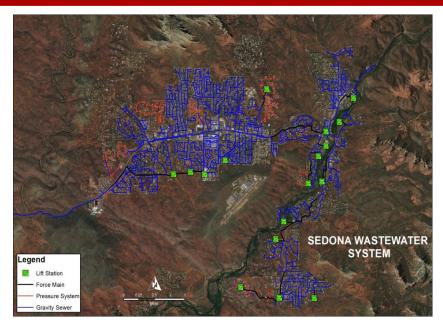
 Construction
 80%
 Winter 2021/2022



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## **Major Lift Station Upgrades**

FY22 CIP Update



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

<u>Status</u>: Carollo Engineers completed the 50% design milestone ahead of schedule and staff is currently reviewing those plans. A Construction Manager at Risk contract is currently advertised to add a contractor to the project team prior to completion of the design. A contractor will be selected in January 2022, with a contract going to City Council for approval in February.

For a copy of this update, or updates for other projects, visit the projects website at: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **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 <u>ADickey@SedonaAZ.gov</u>

**FY22 Project Budget:** \$1,102,000 <u>Total Project Budget:</u> \$1,132,000

Project Status		December 2021
Project Phase	% Completion	Completion Date

 Design
 50%
 Winter 2021

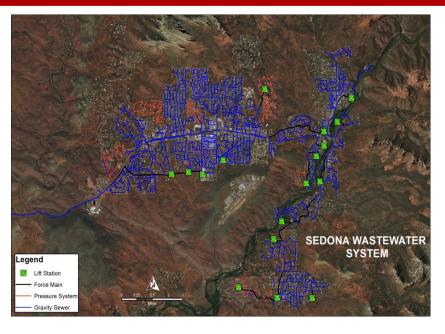
 Construction
 0%
 Winter 2021/2022



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## **Brewer Road Force Main Valve Replacements**

FY22 CIP Update



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.

<u>Status</u>: Staff contracted with Construction Product Marketing for procurement and installation of the new valves. The initial testing of the existing valves is scheduled in January 2022.

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

#### **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 RHolland@SedonaAZ.gov

#### **City Engineer:**

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

**FY22 Project Budget**: \$100,000 **Total Project Budget**: \$100,000

Project Status		December 2021
Project Phase	% Completion	Completion Date

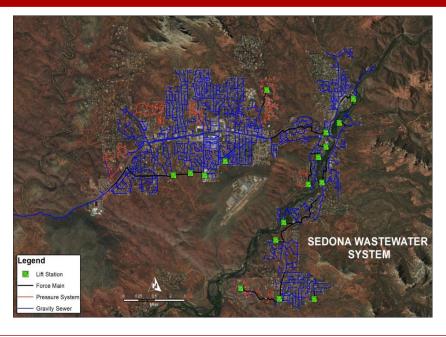
Design n/a n/a Construction 0% Fall 2021



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#### **Juniper Trail Sewer Extension**

FY22 CIP Update



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.

<u>Status</u>: Wastewater staff completed a condition assessment of the existing dry line in September 2021. Now that 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: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **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 <u>ADickey@SedonaAZ.gov</u>

**FY22 Project Budget**: \$60,000 **Total Project Budget**: \$60,000

Project Status		December 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



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: This project is currently on hold.

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

#### **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 <u>ADickey@SedonaAZ.gov</u>

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

Project Status		December 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



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.

<u>Status</u>: Staff conducted a project planning meeting is in October 2021 and will be bringing on a design consultant in January 2022. 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: <a href="https://www.sedonaaz.gov/CIP.">www.sedonaaz.gov/CIP.</a>

#### **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 (928) 203-5069 RHolland@SedonaAZ.gov

#### **City Engineer:**

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

**FY22 Project Budget**: \$65,000 **Total Project Budget**: \$65,000

## Project Status December 2021

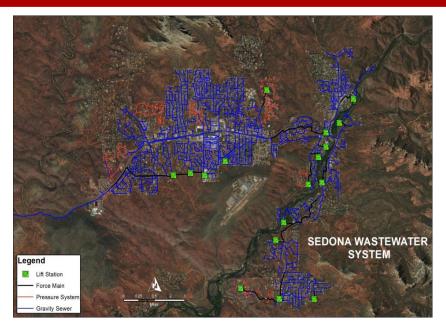
Project Phase	% Completion	Completion Date
Design	0%	Winter 2021/2022
Construction	0%	Spring 2022



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#### Misc. Sewer Rehabs/Replacements

FY22 CIP Update



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.

#### **KEY FEATURES:**

Consultant: TBDContractor: TBDTiming: Spring 2022

#### **Construction Challenges:**

• Maintaining service

#### Project Manager:

Roxanne Holland, PE (928) 203-5069 <u>RHolland@SedonaAZ.gov</u>

#### **City Engineer:**

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

**FY22 Project Budget**: \$40,000 <u>Total Project Budget</u>: \$390,000

Project Status		December 2021
Project Phase	% Completion	Completion Date

Design 0% Spring 2022
Construction 0% FY22-23