

Amendments to Chapter 13.50 (Storm Water Discharge)

Hanako Ueda, CFM, EIT
Assistant Engineer

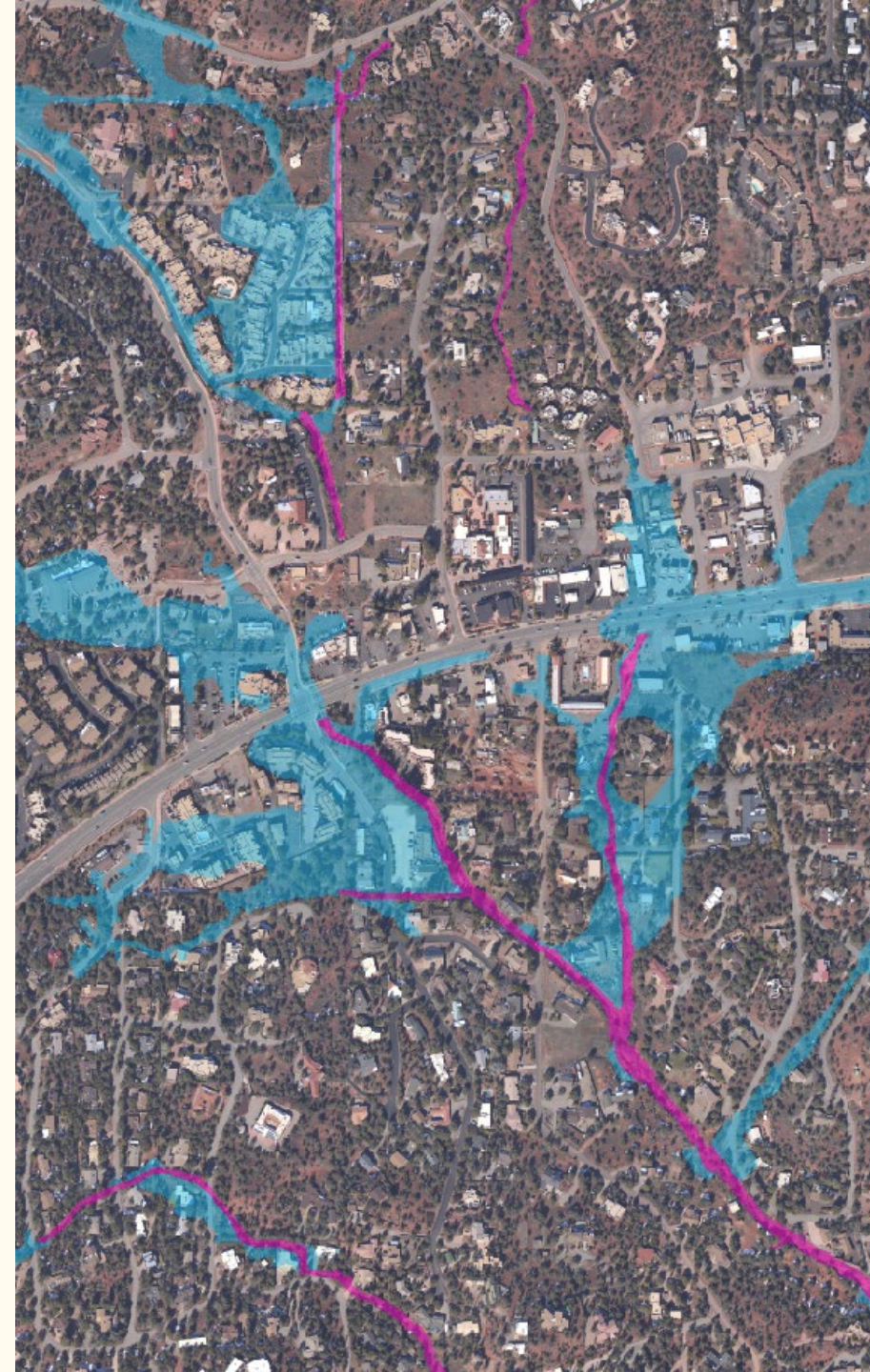
&

Sandy Phillips, P.E., CFM, ENV SP
Asst. Public Works Director/Asst. City Engineer



History - Lot to Lot Drainage

- Increase in complaints regarding private lot-to-lot drainage changes.
- Chapter 13.50 currently focuses on quality.
- ARS 48-3615 states “It is unlawful for a person to engage in any development or to divert, retard or obstruct the flow of waters in a watercourse if it creates a hazard to life or property without securing the written authorization...”.
- Staff reviews IF a permit application is submitted. However, most watercourses are private/inaccessible.
- Civil matter between private property owners.



Changes to 13.50.020

13.50.020 Purpose and intent.

A. The purposes of this chapter are:

13.50.021 To provide for health, safety, and general welfare within the city through the regulation of non-storm water discharges to the MS4 to the maximum extent practicable (“MEP”) as required by federal and state law. To this end this chapter requires that unless expressly authorized or exempted by this chapter, no person shall cause, participate in, or allow the discharge to a public right-of-way or public storm drain system of any substance that is not composed entirely of storm water. To further this end, this chapter establishes authority to conduct and require inspection, monitoring, reporting, and enforcement activities to address the prevention, identification, and remediation of illicit discharges to the MS4.

13.50.022 To provide for health, safety, and general welfare within the city through the regulation of stormwater runoff and lot drainage.

Clarifies that stormwater is reviewed for both chemical AND PHYSICAL characteristics and on private land.

Changes to 13.50.070

13.50.070 Lot Drainage.

13.50.071 It shall be unlawful for any person or entity to alter any natural drainage course, topography, or existing drainage facility in such a way as to damage or endanger by flooding, erosion, nuisance water or any other means, any public or private property or improvements without written approval of the City Engineer. For purposes of this subsection, "alter" includes to change any **surface sheet flow** by obstruction or diversion through the erection of fences, berms, curbs, or any other excavation, fill or structure, if such modification will change flow in any existing drainage course or facility.

13.50.072 It shall be unlawful to change the **quality, flow rates or flow patterns of surface runoff where it enters or exits a parcel**, unless authorized in writing by the City Engineer.

Goes 1 step beyond ARS by specifying changes in sheet flow as an "alteration".

Adds redundancy and clarification for quality AND quantity.

Changes to 13.50.100 (Plan review, inspections, access, and reports)

G. Drainage reports and construction plans for development and/or improvement of properties within the City of Sedona are reviewed and approved by the City for general conformance with the City's Ordinances, policies and standards. The City assumes no responsibility or liability for insufficient design and/or improper construction. Review and approval by the City does not absolve the owner, developer, design engineer, or contractor of liability for inadequate design or poor construction. The design engineer has the responsibility to design graded Improvements and drainage facilities that meet the standards of practice for the industry and promote public safety. Compliance with the regulatory elements, policies, and design standards documented herein, does not imply a guarantee that properties will be free from flood, geologic, and geotechnical related damage and failures. The City and its officials, employees, and contract reviewers, assume no liability for information, data, or conclusions prepared by private engineers and makes no warranty expressed or implied in its review/approval of grading and drainage projects.

Liability waiver for improper design & construction, emphasizing responsibility of owner/designer and the possibility of failure of engineered design.

Examples of Permitted Alterations



Thank you!

Questions?



September
Moment of Art

Amy Ernst



“Elements of Collage”
Exhibit 2022
Die Galerie
Frankfurt, Germany

Photo by Lisa Mackie

Mind Scape
Oil on Canvas Collage
40 x 40

“Places I have never been”
2008 Exhibit
Flomenhaft Gallery
New York, NY



Mind Scape 2005
Oil on Canvas 40" x 40"

Amy Ernst

Rock Formation

“Places I have never been”
2008 Exhibit
Flomenhaft Gallery
New York, NY



Paris is Crying
Photo Montage transfer
& Hand colored collage on paper

2014 Exhibit
Seillans, France



*Within the
Ancient Walls
Solar plate etching*

2014 Exhibit
Seillans, France



Voyeur
Hand colored solar plate
etching on paper

2014 Exhibit
Seillans, France



Icarus

*Monotype, photo transfer
Collage on paper*

“The Third Eye”
2017 Exhibit
Art Center
Sarasota, Florida



Mountain View
Monotype collage
Double overlay

“Elements of Collage”
2023 Exhibit
City of Sedona



A Glimmer of Hope
Two Monotypes fused together
to make one collage

“Elements of Collage”
2023 Exhibit
City of Sedona

In Mayor’s office



Forest Before the Trees

Monotype collage

Double overlay

“Elements of Collage”

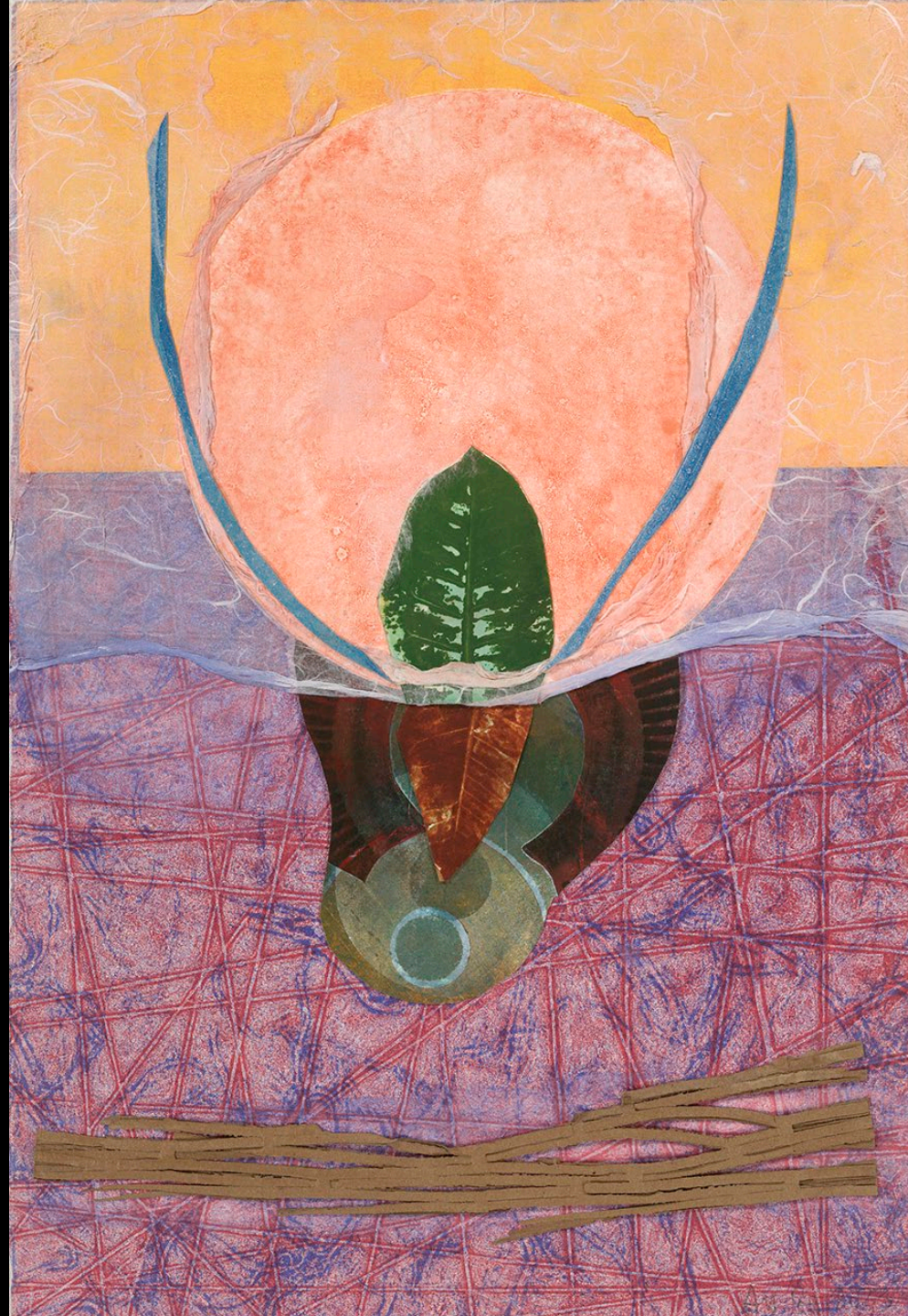
2023 Exhibit

City of Sedona



Featherweight
Two Monotypes fused together
to make one collage

“Elements of Collage”
2023 Exhibit
Capricorn Hill, Sedona



Soaring into the Light
Two Monotypes fused together
to make one collage

“Elements of Collage”
2023 Exhibit
City of Sedona



Dreamcatcher

2017 Exhibit
Art Center
Sarasota, Florida



Exhibit 2022
"Surrealism and Beyond"
Die Galerie
Frankfurt, Germany

This exhibit featured work by Max, Jimmy and Amy Ernst, as well as Dorothea Tanning, Leonora Carrington and other Surrealists.



Photo by Kate Hendrickson

Northern Arizona Council of Governments

Agency Overview

2023



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Purpose of COGs

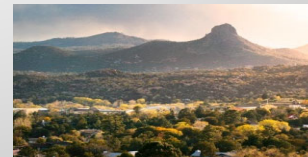
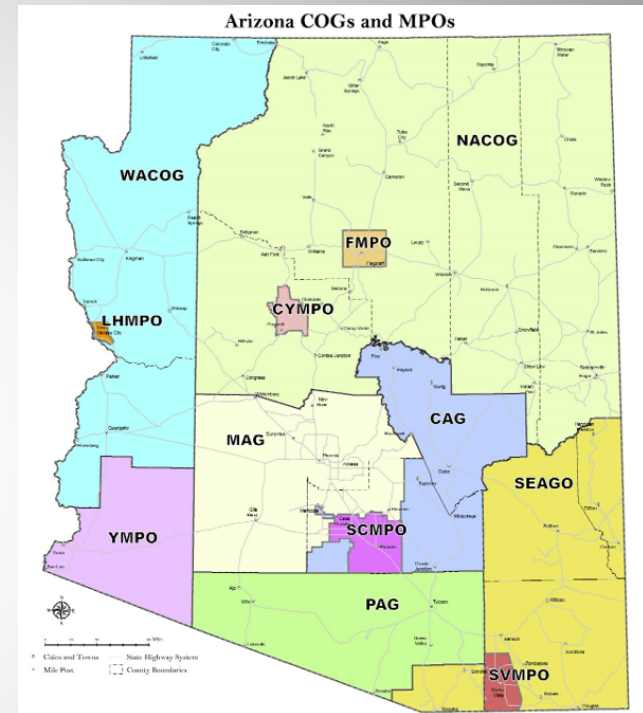
Council of Governments

- Single or multi-county association of local governments
- Recognized as an effective method for regional coordination, planning, program administration and delivery
- More than 500 in the US

COGs in Arizona

- Arizona COG Planning regions defined by state Executive Order
- 6 COG regions in Arizona
- Programs & services vary by region and federal designations

* MPO – Metropolitan Planning Organization (specific to transportation planning only)



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Northern Arizona Council of Governments

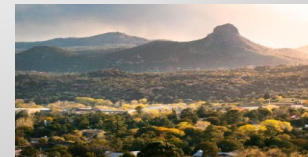
Mission: Respond to relevant and emerging regional issues through creative and collaborative services, planning, education, and advocacy

Agency Structure

- Designated as Planning Region III (1971)
- Apache, Coconino, Navajo & Yavapai Counties
- Formally incorporated as NACOG in 1975
- 501(c)3 non-profit
- Operate as a quasi-governmental entity

Agency Governance

- Regional Council - 40 member board of directors (County – 2, City/Town – 1, plus 8 private sector representatives)
- 8 member Regional Council Executive Committee
- 10 Standing Committees



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Northern Arizona Council of Governments

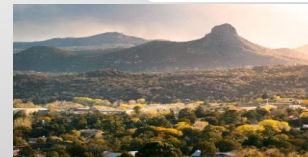
Regional Council Leadership



- Chair: Supervisor Alton Shepherd, Apache County
- Vice Chair: Mayor Bill Diak, City of Page
- Secretary-Treasurer: Supervisor Mary Mallory, Yavapai County

Budget, Staff & Office Locations

- \$32.9M budget (FY 22 expenses)
 - \$19.3M total FY 22 salaries and EREs (57%)
- \$38.9M budget (FY 24 tentative)
- 300+ employees across the four counties
- Central Office in Flagstaff
- Satellite offices in Prescott, Prescott Valley, Cottonwood, Winslow, and Show Low



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Client Focused Programs & Services

Area Agency on Aging

- Supports and services to adults over age 60 and disabled persons, including case management, nutrition, and home or community-based services
- Policy advocacy

Community Services

- Case management and financial support to limited income households (utilities, rent, food, transportation) in Apache, Navajo & Yavapai Counties

Head Start & Early Head Start

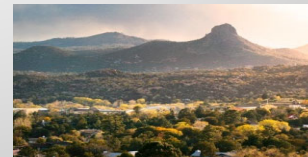
- Early childhood education and family support services to 1000 children & families
- Currently operating at 31 sites, plus home-based services

Housing & Weatherization

- Housing rehabilitation – health, safety, code improvements
- Energy efficiency improvements for limited-income households

Yavapai County Workforce Investment

- Job training and related support to job seekers and employers



Community Partnership

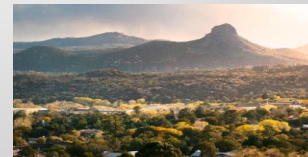


**Sedona
Community
Center**

- Contracted provider for Congregate & Home-Delivered meals
- \$45,500 plus 10% match



- Partner in providing programs to clients such as health & wellness activities, matter of balance classes



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Regional & Community Services

Community Development

- Federal CDBG grant assistance to local governments for projects and programs serving low-moderate income areas

Economic Development

- Regional economic development planning to support job creation, business growth and resiliency
- Comprehensive Economic Development Strategy

Regional Transportation & Mobility Planning

- Infrastructure planning;
- Public and specialized passenger transportation planning in rural areas
- Federal and state funding opportunities for projects
- Policy advocacy (RTAC - Rural Transportation Advocacy Council)

Special Projects

- EPA Brownfields Coalition Assessment Grant
- Verde Watershed Effluent & Stormwater Optimization Plan



Regional Planning



Transportation Planning



Passenger Transportation



Demographics, Mapping, and GIS



Get Involved



Environmental Quality



2023 REGIONAL TRANSPORTATION SAFETY PLAN



2023 REGIONAL PRIORITY PROJECTS LIST



FY2024-2029 TRANSPORTATION INVESTMENT PLAN



REGIONAL TRAFFIC COUNTING PROGRAM

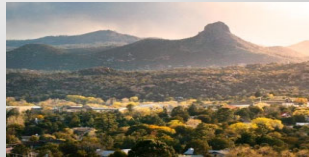


BIPARTISAN INFRASTRUCTURE LAW

NACOG Bipartisan Infrastructure Law Funding Navigator

BIL Funding Program Fact Sheets

- RAISE Discretionary Grant Program
- Electric Vehicle Charging & Fueling Infrastructure (EV CR) Grant Program
- Multimodal Projects Discretionary Grant (MPDG) Program - RURAL
- Safe Streets and Roads for All (SS4A) Discretionary Grant Program
- Bridge Investment Program (BIP)
- Tribal Transportation Program Safety Fund
- Reconnecting Communities & Neighborhoods (RCN) Grant Program
- Railroad Crossing Elimination Program
- ADOT Off-System Bridge Program
- PROTECT Grant Program
- Rural & Tribal Assistance Pilot Program
- AZ SMART Fund Program
- Transportation Alternatives (TA) Program



**SR-89A/Forest-Ranger Roundabout
(SR-179 & SR-89a Congestion Relief)**

Project Overview

The City of Sedona's transportation network suffers from a lack of alternative route connectivity as well as geographical limitations such as Forest Service boundaries, resulting in significant traffic and congestion. The SR-89A/Forest-Ranger Roundabout project will add a third roundabout to SR-89A west of the two existing roundabouts and extend Forest Road to the south and Ranger Road to the northwest to meet SR-89A at the new roundabout. The end result will ensure better traffic flow for residents and travelers by providing a bypass that helps to avoid a heavily trafficked segment of the City's roadway, and reduces congestion from SR-179 to the 'Y' at SR-89A to Uptown Sedona (and further on to Flagstaff) during peak travel hours. This project will also improve emergency access, promote multimodal travel, provide tourism management (by managing traffic congestion), improve workforce access to employment, and support local business sustainability.

This project also allows the city to better implement community priorities to accommodate pedestrian/bicycle users and incorporate a "bus only" lane for transit services to directly access to the adjacent planned transit hub. This gives better access to west Sedona so both residents and visitors can access groceries, medical, and schools more easily. Additionally, this project will provide emergency responders with more reliable access to reach residents and tourists in emergencies.

The City of Sedona's 2018 Transportation Master Plan identifies the Forest/Ranger/SR89a Roundabout project as a key strategy to address the traffic congestion and improve overall regional connectivity by improving traffic congestion and access between Uptown Sedona, West Sedona, the Village of Oak Creek, I-17, and Flagstaff. This project is requesting \$6,426,750 to pair with a local match fund of \$1,567,000 to fully construct this roadway improvement. This project was voted as a regional priority by elected officials of over 20 northern Arizona cities and towns who comprise NACOG's Regional Council on August 24th, 2023.

Vicinity Map & Site Photo



Project Lead
City of Sedona, Arizona

Project Schedule
Planning & Design in 2024,
Construction in 2025

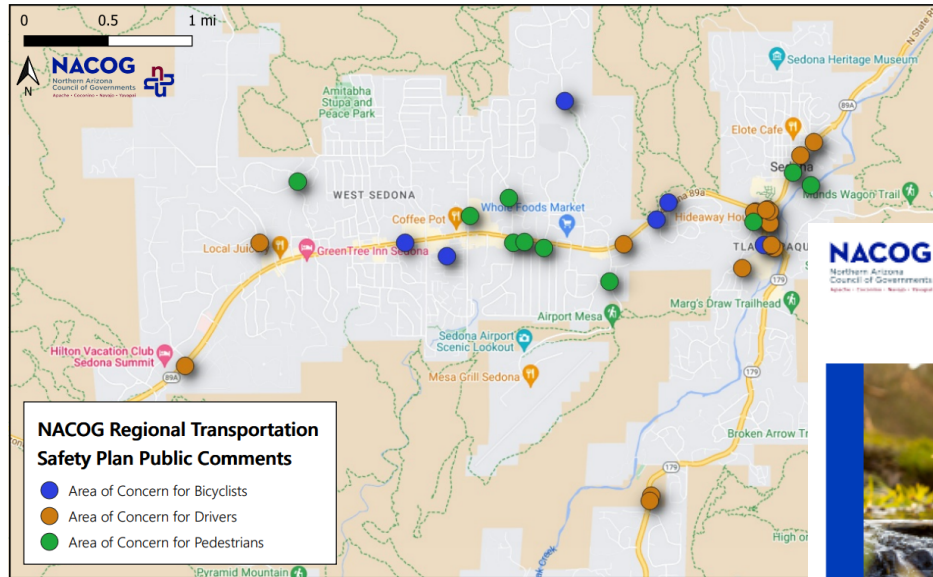
Project Cost
Total Project Cost: \$7,993,750
State Surplus Request: \$6,426,750
Local Contribution: \$1,567,000 (19.6%)

Contact Info
Kurtis Harris
Public Works Director, Sedona
928-203-5059
kharris@sedonaaz.gov

Location
City of Sedona
Coconino/Yavapai Counties
AZ Legislative District 7
NACOG Region



Planning Projects



**Yavapai Passenger Transportation Study
Recommendations Report**
Northern Arizona Council of Governments
(NACOG)

Updated 2022

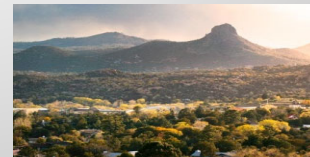


NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Hopi



**Upper/Middle Verde River Watershed
Effluent Generation and Stormwater
Infiltration Optimization Plan**

FIRST DRAFT / August 2023



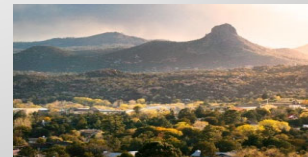
Northern Arizona Council of Governments

Key Contacts

- **Jennifer Brown, Head Start Director**
jbrown@nacog.org 928-774-9504
- **Teri Drew, Economic & Workforce Development Director**
tdrew@nacog.org 928-778-1422
- **Brandon Baxter, Aging Director**
bbaxter@nacog.org 928-213-5225
- **Maria Garcia, Acting Community Services Director**
mgarcia@nacog.org 928-213-5229
- **Kevin Goss, CDBG & Housing Manager**
kgoss@nacog.org 928-445-0211
- **Jennifer O'Connor, Planning Director**
joconnor@nacog.org 928-213-5245
- **Chris Fetzer, Executive Director**
Chris.Fetzer@nacog.org 928-213-5209
- **Cindy Binkley, Executive Assistant**
cbinkley@nacog.org 928-213-5228

Information & Referral

- **NACOG Central Office**
928-774-1895
- **NACOG Aging Information & Referral**
877-521-3500



NACOG
Northern Arizona
Council of Governments
Apache • Coconino • Navajo • Yavapai



Sedona OHV Commitments

Based upon recent discussions, below are commitments to be made by the local OHV rental companies to enhance the on-pavement vehicle safety completed in a timely manner:

1. Install turn signal indicators on most of our fleet within 90 days from the date of the agreement with 80% within 180 days. This does take time to complete and we pledge to work hard on getting them installed within the timeframe. Please note that while some vehicles are held for short durations, we pledge to do our best to keep our new vehicles up to date with turn signals indicators.

2. We commit to continue to implement education for each customer including use on paved and public road travel. We have and will continue to work directly with GSRC, RROCC and USFS with trail maintenance, signage and behavioral trends in a positive manner. There have been many recent updates to our customer contract.

3. We commit to govern the speed of vehicles to 35 mph within our fleet based upon the type and age of the vehicle immediately as technology and economically feasible. We will work towards having all vehicles monitored by GPS systems within 180 days.

- Sedona ATV/Red Rock – 20% of vehicles are currently speed restricted. 60% of vehicles to be speed restricted by 12/01/2023.
- Sedona Off-Road Center – 10% currently speed restricted with 95% speed restricted within 60 days.
- Sedona CanAm – 100% of vehicles currently restricted.
- Outback ATV – 4 vehicles currently restricted and 25% of vehicles will be restricted by 11/01/2023. All new vehicles will be speed restricted, which will be completed over the next twelve months.

4. We commit to installing quieter mufflers on all OHVs in our fleets as they become available by the manufacture or aftermarket retailers. The mufflers are only available on certain model vehicles and cannot be installed on all vehicles. We pledge to acquire and install quieter mufflers where applicable. Current timeline per company:

- Sedona ATV/Red Rock – 1 vehicle installed with quieter muffler currently with approximately 50% of fleet to have quieter mufflers installed by 12/01/2023.
- Sedona Off-Road Center – Most of the fleet of vehicles have quieter mufflers (Honda) and will install quieter mufflers on any new inventory.
- Sedona CanAm – Entire fleet is currently CanAm vehicles and are quieter than most UTVs.
- Outback ATV – Currently has 6 vehicles with a quieter muffler installed and will have 50% of the current fleet by 12/01/2023 with quieter mufflers.

5. We will continue to limit our usage and discourage the use of Morgan Dr to a bare minimum and will not promote their usage. However, there may be environmental conditions such as wildfire, snow or rain that would temporarily increase usage only for those days. We will support collaborating with the City of Sedona and the forest service on a use system for forest access roads. (i.e. permit systems, entry gates and daily limits per trail).

6. All outfitters will install tall, distinctive flags or other distinctive markings to differentiate the private OHV owners from the OHV business operators. Photo attached for each company color of current in use flags.

Color Code:

Outback ATV - Green flags, Sedona ATV - Blue flags, Red Rock ATV - Red flags, Vortex ATV - Yellow flags

7. We have asked to be included in the discussion on forest trail usage in the Red Rock District now and in the future with the GSRC, USFS and RROCC. We are willing to collaborate based upon the current recommendations and provide our feedback concerning trail usage for all. We commit to work in unison with the city to promote safe

use of OHVs within the city limits and on surrounding forest trails. We will continue to explore options for changing traffic patterns on paved roads used to access the forest to limit paved road usage. Currently there is not a defined now or amended use plan for all user access with the Red Rock Ranger District. New ideas are currently being discussed by many parties and once these ideas are brought to light, we will evaluate what kind of support can be given.

8. Proof of completion of our commitment items will be provided to the city on a regular basis with status updates provided by each stakeholder to the city. Verification is open to inspection by the city or a city representative with a 48-hour notice.

Our pledge is to continue to update the city in our regular quarterly meeting and be held to our commitments for the above actions to be taken by all four Stakeholders. This way the actions can be measured and confirmed. We are asking for the city ordinance to be tabled indefinitely to continue implementing these safety updates.

Thank you for taking the time to review our commitment proposal and feel free to contact any of us with any questions you may have.

Thank You,

Dan Candler info@outbackatv.com 928-282-1129 Dave Swartout info@safarijeeptours.com 928-282-3012

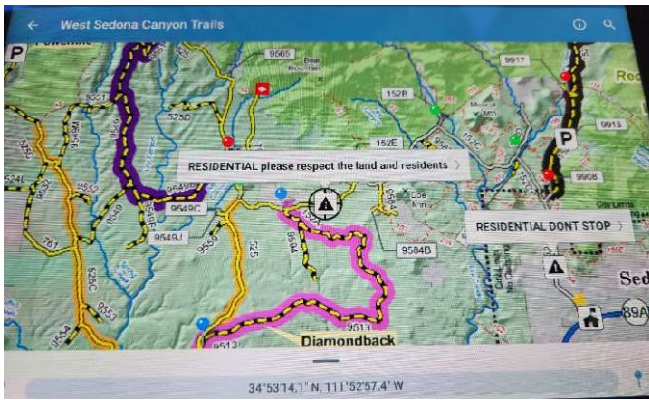
Jimmy Custer info@atvsedona.com 928-204-000 Andrew Rippy sedonacanam@gmail.com 928-202-4126



Left rear blinker lights



Turn Signal Switch



GPS Tablet in each car with local area warnings



New Quieter Muffler

