





## High level Updates on all things Spruce Wash and Museum Flooding

- Volunteer efforts and refresh program
- Internal Processes and Financial Integration
- On-Forest project work
- Project Progress and Construction updates
- Communication to Community







Community volunteer event

First event held May 21st

• Ponderosa Park debris, Spruce Wash debris, litter

• 14 volunteers, 57 hours of service



#### Museum Flood Financial Focus Group



- Focused on a list of pre-monsoon actions
- Working on identifying costs and fiscal responsibility
  - About 25 pre-monsoon tasks
  - Potentially up to \$350,000 in preparation costs
  - Stormwater Fund biggest impacted
- Creating processes to track expenses related to flood mitigation preparations and potential response
- Next steps to identify potential funding sources to support the programs and activities





DFFM-funded resources

- Approved Request
  - 1-Combo vac truck
  - 1-Mini excavator & trailer
  - 4- Digital portable message boards-Delivered
  - 2-Digital vehicle mounted signboards
  - 3- Light Plants- Delivered
  - Traffic barricades Delivered
    - 1,100 road cones
  - 200,000 Empty sandbags
  - 1-New manual sandbags machine





#### Cedar to Dortha channel and inlet



- Project Scope: Channel improvements for capacity and stability, Dortha Avenue undercrossing and inlet reconstruction for increased capacity
- Construction Estimate: \$2,600,000
- **Schedule:** Completion of critical infrastructure prior to monsoons 2022
- Current activities:
  - Utility relocations wrapping up
  - Dortha inlet and box shoring installed
  - Box floor and inlet concrete installation week of May 23
  - Property acquisition ongoing





#### Killip School Regional Detention Basins



- Both fields are now at final grade and the weir structure is being completed
- Final scope and slope stabilization elements are being installed
- Fencing and Landscaping elements coming soon
- Finish work scope and proportionate cost share discussions are continuing for total costs
- Anticipated to be complete prior to July 1st





### Killip inlet at Ponderosa Park



- Engineering team is working on the conveyance infrastructure needed north of the Killip Detention Basins
- Parks is soliciting contractors for heavy clean up
- Design consultant is working with Parks in preliminary planning of park amenities with conveyance
- Next logical construction project to follow Killip Detention Basin delivery. Funding guidance and timing is still being received





#### Ponderosa Park barriers



- Stormwater purchased and installed barrier from Killip project for mitigation and interim conveyance to Killip Regional Detention Basins.
- Stormwater exploring the purchase of additional barrier from Killip project for mitigation in the flood area.





## 2021 response update



- Sediment and debris from the 2021 events was removed from the channel between Route 66 and BNSF.
- The FUTS low water crossing was repaired partially using a 2019 FEMA Pre-Disaster Mitigation (PDM) grant.



Funding: FEMA 2019

**PDM Grant** 

**COF Stormwater** 

**Project Manager:** 

Chris Palmer, Stormwater

**Contractor:** Kinney

Construction





## On Forest Mitigations







- Long-term sediment reduction and erosion control is critical in post-wildfire areas.
- Projects focus on
  - stabilizing alluvial fans,
  - promoting erosion control,
  - reducing downstream sediment,
  - Improving channel capacity to convey floodwater out of neighborhoods.







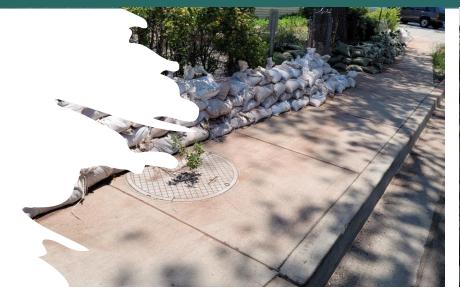
- Contruction of new siren pole began 5/24
- Siren system has transitioned to solar powered option.
- County EM finalizing siren software integration into County Emergency Notification ystem.
- City and County have started the public communications for sirens.
- Testing of the system in the next two weeks





## Spring 2022 Sandbag Refresh

- Community sandbag deployment project kicked off 5/13
- First Volunteer event held5/21
- Service request line up and running as of 5/24
- Resident emergency mitigation assessments have started.
- Work being scheduled for upcoming volunteer days









#### Volunteer/service coordination



- The city is coordinating with United Way of Northern Arizona (UWNA)
- Until the MOU is completed the city will manage upcoming volunteer day events
  - The city's service request line is up. <u>928-213-2102</u>
    - Service request line hours 8-4, M-F
- Upcoming Museum volunteer events
  - Saturday June 4th
  - Saturday June 18th





#### Emergency operations response



- Met with NACET and City staff to discuss activating the IMT and/or EOC at the NACET facility
- City staff working to verify resources in place for an emergency operation response this monsoon season
- Additional requests sent to DFFM for emergency response needs





#### Communications



#### **Outputs**

- Sandbag refresh communications released on 5/11
- Volunteer cleanup day communications released on 5/16
- Flood risk analysis e-newsletter released on 5/18
- Siren alerting system communications

#### In production

- June community volunteer days
- Importance of sediment reduction

#### IMPORTANT SANDBAG INFORMATION

May 13 - July 1, 2022

The City of Flagstaff and the Coconino County Flood Control District are beloins

#### **FREE SANDBAGS**

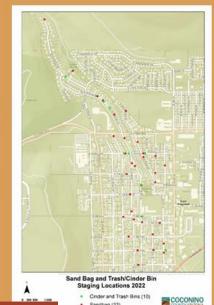
TAKE AS MANY AS YOU NEED MORE WILL BE PROVIDED

#### SACOS DE ARENA GRATIS

TOMA TANTOS COMO NECESITES SE PROPORCIONARÁ MÁS downstream ar prepare for by placing nd trash bins , which their sandbag on of these e right.

in mind

andbags on sandbag be replaced





8am-12pm & 1pm-4pm

Meet @ Coconino County Health & Human Services Building 2625 N. King Street







# Council Discussion





