

ASHE Breakfast Meeting

US89 – Washout NC District Response

December 11, 2018



US89 WASHOUT RESPONSE

First TOC: Oct. 4th, Thursday, 12:30am

Open: Oct. 5th, Friday, 8:30 pm



**PARTNERSHIP
TEAMWORK & DEDICATION
PRACTICE (EXPERIENCE)**

PRACTICE (EXPERIENCE)

BRAINSTORMING

- ▶ 2013: US89 Landslide & US89 Schultz Flood
- ▶ 2014: SR89A Slide Fire
- ▶ 2015: SR89A Sinkhole Repair 388
- ▶ 2016: SR87 Movement Response
- ▶ 2017: US180 Boundary Fire & SR87 Highline Fire
- ▶ 2018: SR87 Tinder Fire, SR89A Sinkhole Repair 388.9, SR89A/US89/SR87 Storm Rosa
- ▶ Various rockfall responses, fire support, 2 rescues on SR67 during winter closure, winter operations

PARTNERSHIP



So going back to partnerships, our ability to respond to this event
Starts with our DPS Relationship



PARTNERSHIP

How did this help us respond?



PARTNERSHIP, TEAMWORK, DEDICATION



Chad!



PARTNERSHIP, TEAMWORK, DEDICATION



1st Photos

Evaluate Site

Initial Measurements

Photo looking west

Washout S. side of box

PARTNERSHIP, TEAMWORK, DEDICATION



1st Photos

PARTNERSHIP, TEAMWORK, DEDICATION



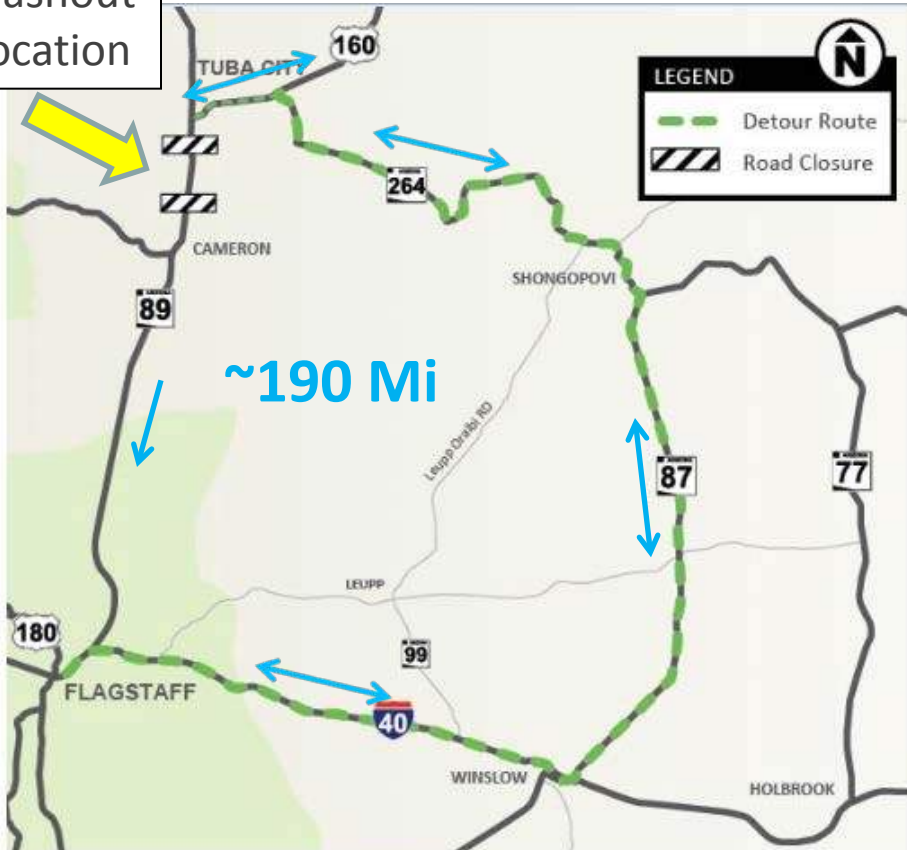
1st Photos

Initial estimate 30'



PARTNERSHIP, TEAMWORK, DEDICATION

Washout
Location



Motorists should avoid taking local roads, as they may be unpaved or affected by flooding.



18-396

Arizona DOT
@ArizonaDOT

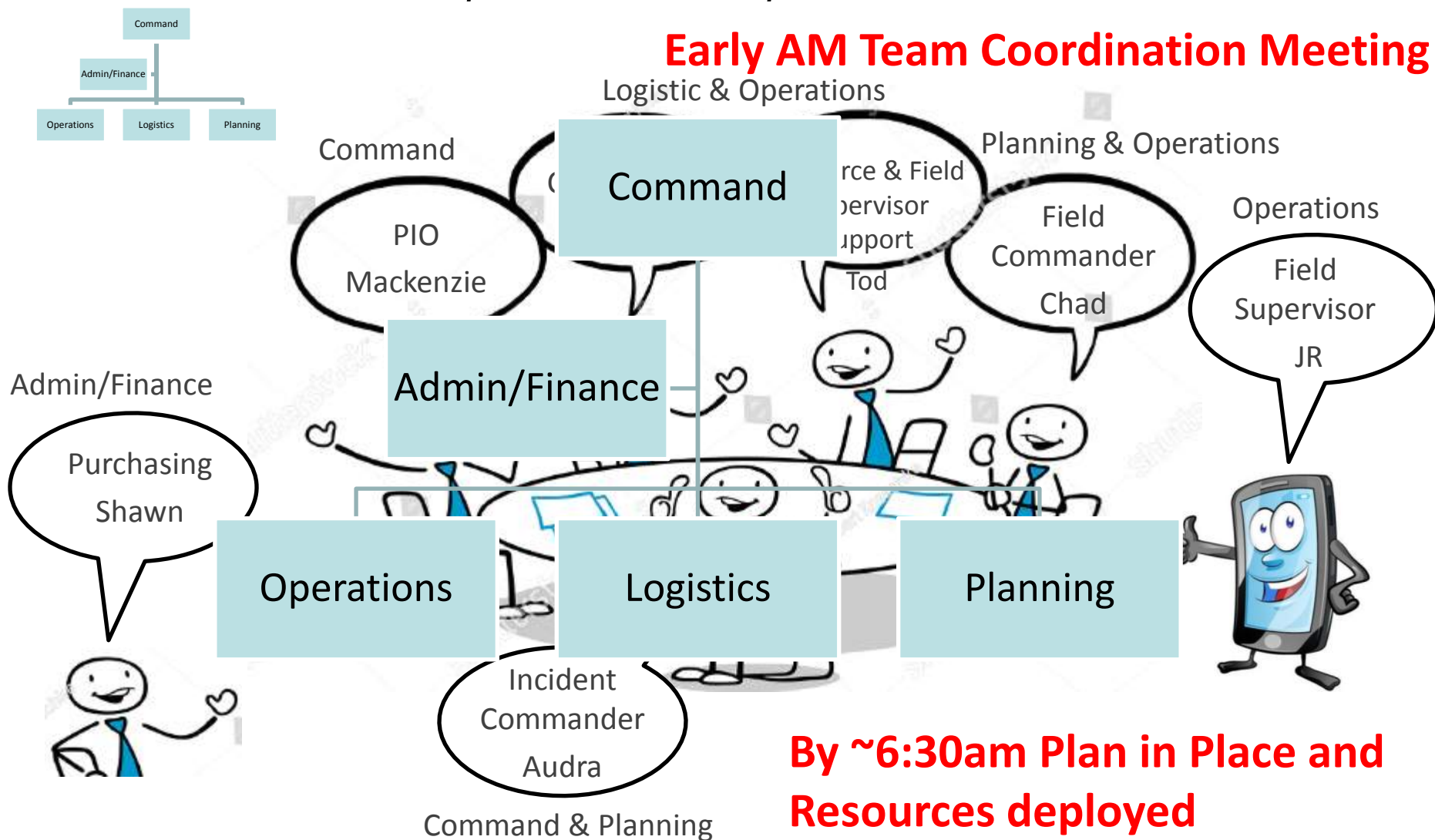
Follow

UPDATED US 89 detour map: US 89 is expected to remain closed midway between Flagstaff and Page for at least several days. The detour is on I-40, SR 87, SR 264 and US 160. That's about 190 miles. Avoid local roads, which may be closed or not suitable for detour traffic. #aztraffic

Northern Arizona Impacts

PARTNERSHIP, TEAMWORK, DEDICATION

Early AM Team Coordination Meeting



By ~6:30am Plan in Place and Resources deployed

PARTNERSHIPS, TEAMWORK, DEDICATION



You've got 48 hours....
Decision point at noon...

48 hours



PARTNERSHIPS, TEAMWORK, DEDICATION

- ▶ 5:15 am Internal Rollup
- ▶ 5:30 am Photos to TOC
- ▶ 5:30 am District Planning Meeting
- ▶ 7:30 am County Emergency Mngt Meeting
- ▶ 7:30 am Alt Route Info
- ▶ 8:15 am Gov Delivery
- ▶ 8:30 am FHWA Notice
- ▶ 9:30 am NDOT Meeting
- ▶ Field Review
- ▶ 3:15 pm Internal Conference Call
- ▶ 4:30 pm Conference Call w/ Stakeholders
- ▶ 4:30 pm Emails Coordination thru late night

Sample

MANY personal phone calls Q&A sessions w/ stakeholders & partners 24/7

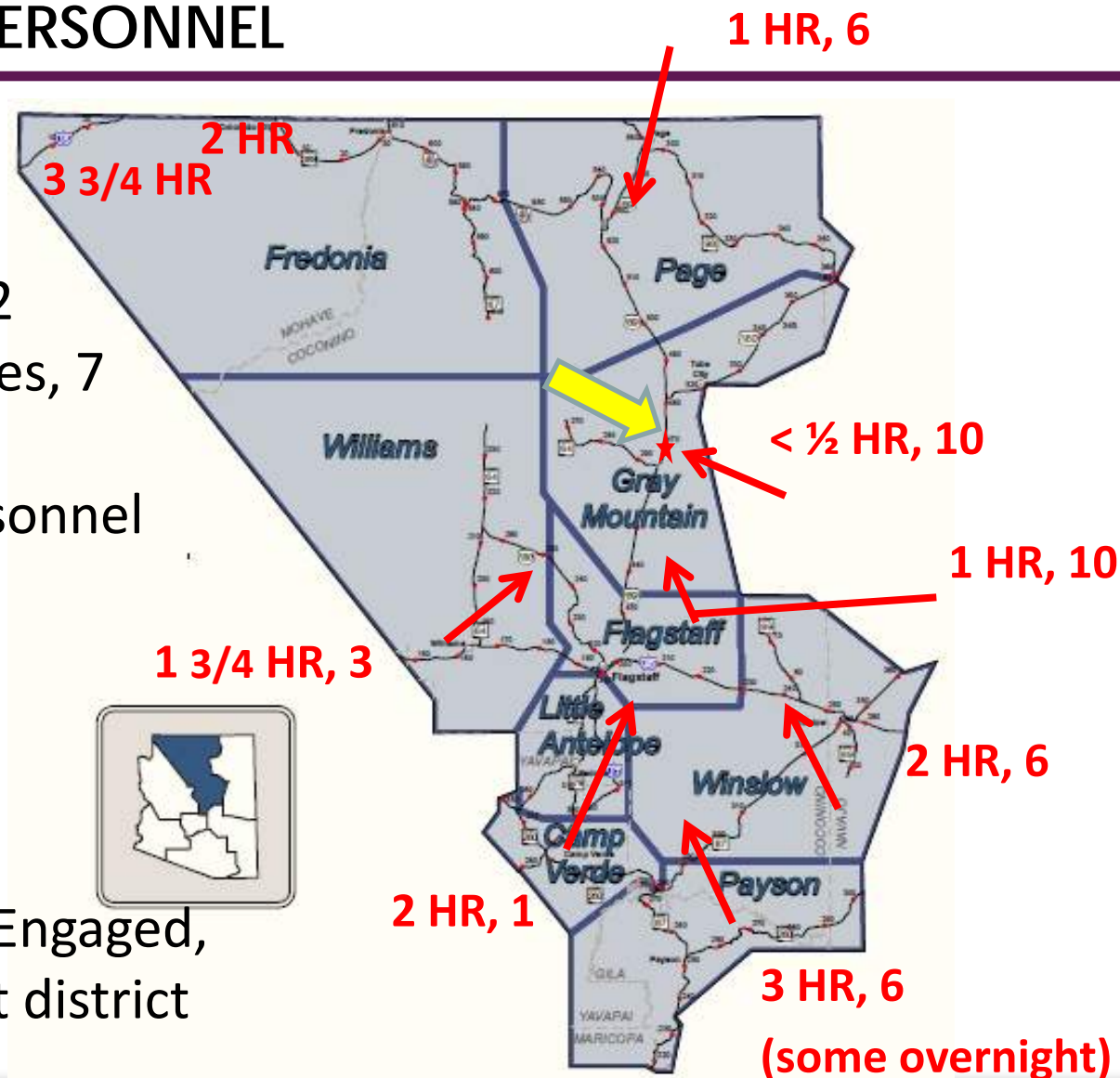


PARTNERSHIPS, TEAMWORK, DEDICATION

- ▶ Incident planning is fluid and changes throughout the event
- ▶ Initial Plan - Establish Essential Services
 - ▶ Fill the hole
- ▶ You will hear how plan develops throughout the 32 hours

RESOURCES: PERSONNEL

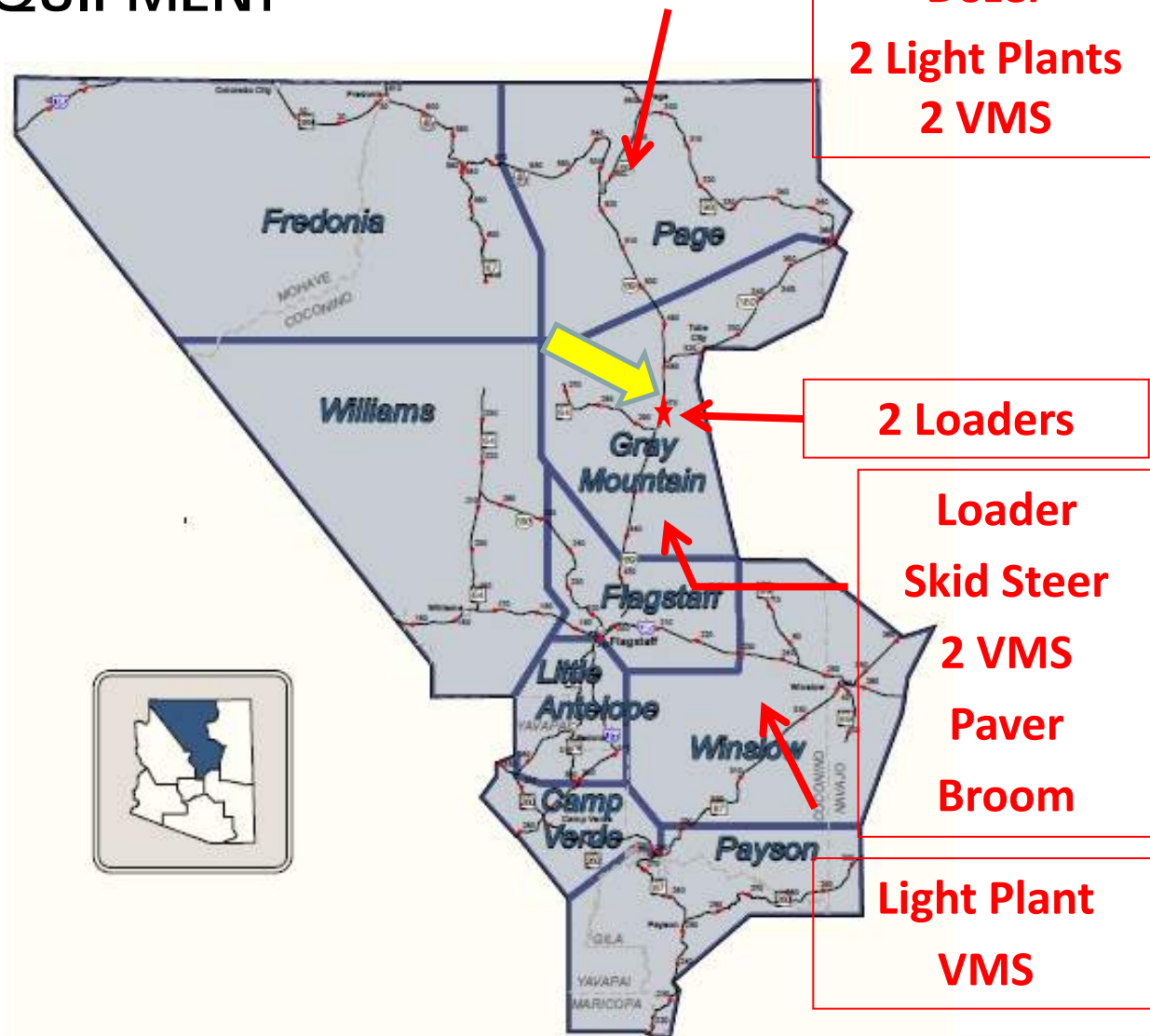
- ▶ Activated/mobilized 42 maintenance employees, 7 units, 45% of District Maintenance Unit Personnel (inc. unit supervisor.)
- ▶ + 5 from District
- ▶ 47 District Employees Engaged, plus few from adjacent district



RESOURCES: EQUIPMENT

Mobed in 16 Pieces

- ▶ Internal Equipment
 - ▶ 1 Dozer
 - ▶ 3 Loaders
 - ▶ 1 Skid Steer
 - ▶ 3 Light Plants
 - ▶ 5 VMS
 - ▶ 1 Broom
 - ▶ 1 Paver
- ▶ Rented Backhoe



PARTNERSHIPS, TEAMWORK, DEDICATION



PARTNERSHIPS, TEAMWORK, DEDICATION



PARTNERSHIPS, TEAMWORK, DEDICATION

**Construction to Emergency
Access**



Opened ~3:45 pm, Thurs.



PARTNERSHIPS, TEAMWORK, DEDICATION



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Excavation north side

PARTNERSHIPS, TEAMWORK, DEDICATION



PARTNERSHIPS, TEAMWORK, DEDICATION



PARTNERSHIPS, TEAMWORK, DEDICATION

OTHER ITEMS:

- ▶ Dirt Route, Navajo DOT
- ▶ Local Traffic Only Signs, Coconino County & NDOT
- ▶ Outreach, Hopi Tribe
- ▶ Site Tours
- ▶ Enthusiastic Social Media Feedback



PARTNERSHIPS, TEAMWORK, DEDICATION

MILESTONES (approx times)

- ▶ 2 pm Thurs, South Excavation Complete; Begin Haul
- ▶ 3:45 pm Thurs, Emergency Access Open
- ▶ Noon Fri, North Excavation Complete; Begin Haul
- ▶ 8:30 pm Friday – OPEN TO TRAFFIC



PARTNERSHIPS, TEAMWORK, DEDICATION



Andy Tobin @Andy_Tobin · 9h ▾

These people are amazing.
Opening this key roadway to Page.
[@ArizonaDOT](#) always steps up for rural Arizona and keeps us moving. Thanks folks. I just got home and got the word. No better state transportation agency, great team.
[twitter.com/arizonadot/sta...](https://twitter.com/arizonadot/status/1234567890)



Lauryn Ashley @laurnash... · 9h ▾

I have never cried so much over a damn road, but this is game changing for me with my job. Thank you [@ArizonaDOT](#) for your amazing efforts! I travel this road 4x a week from Flag to Tuba / Flag to Kayenta and back to treat kiddos! Thank you for making this continue to be possible



BashaJROTC @BashaJRO... · 8h ▾

Replying to [@ArizonaDOT](#)
Very nice work! That's one mission-oriented team you have there ADOT--plz ensure they know we appreciate their efforts!

THANK YOU

