SHRP2 (C19) Project Discussion

September 25, 2015

Today's Webinar

- Brief Recap of August Project Meeting
- Around the phone: Feedback from Meeting
- Discussion/input on Next Steps

Recap from August 2015 Meeting

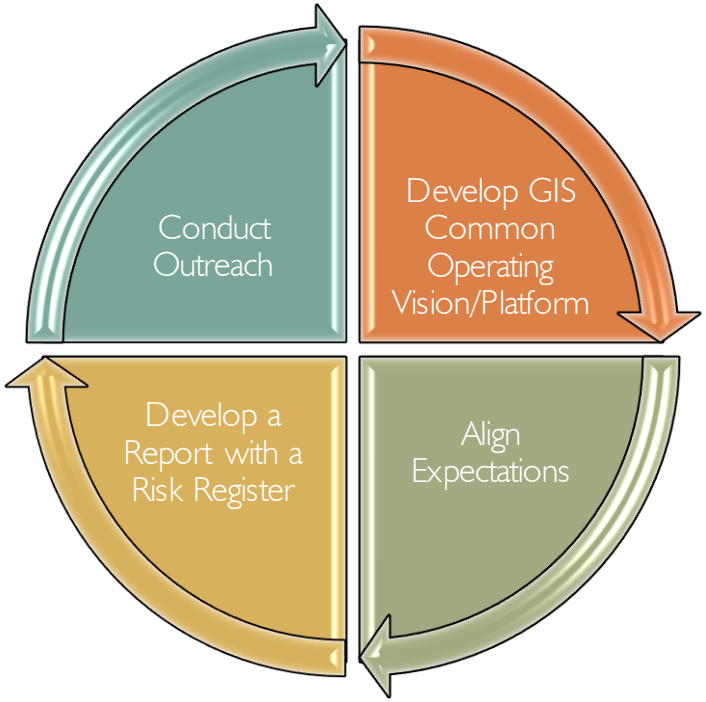
- August 27 & 28; hosted by Denver Regional Council of Governments
- 26 attended representing 14 agencies (DoTs, MPOs, TMAs)

August 2015 Meeting Presentations

- Welcome by Jennifer Schaufele, Exec Director, DRCOG
- Roundtable Discussions (agency presentations)
- Interconnected Economies by Kevin Moody, FHWA
- Project-specific:
  - Overview of SHRP2 Project Efforts to Date & Meeting Goals
  - SHRP2 Implementation Plan
  - Transportation Data and Analytics
  - Data
  - Long Range Growth Patterns in the Intermountain West
  - Common Data Reporting & Mapping Tool

Meeting Outcomes

Consensus was reached on much of the four main project goals; still need input to finalize next steps



Conduct Outreach

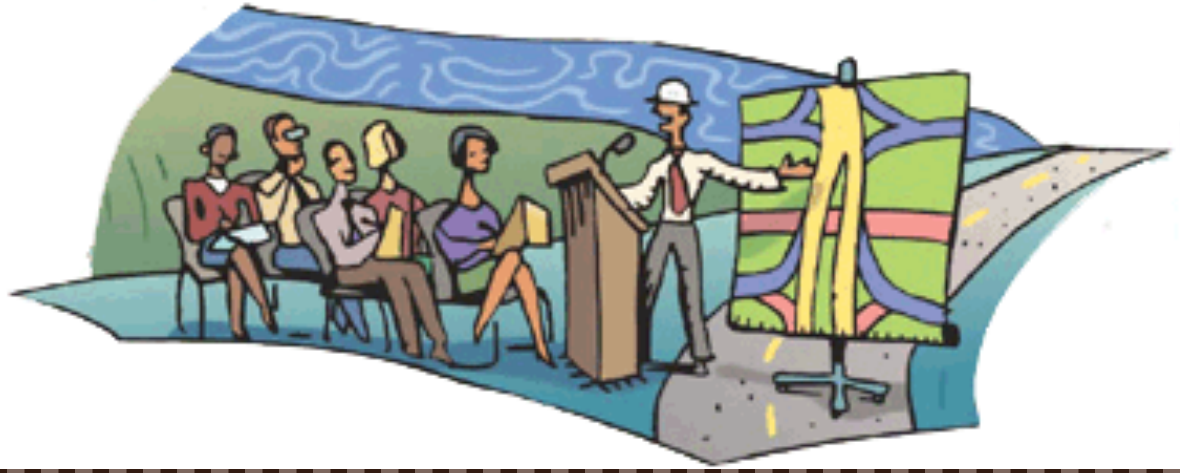
- Continue to invite DOTs to participate in project
  - In particular, due to I-11 potential alignment, invite Oregon DOT
- MRCOG recommends El Paso, Texas be part of the future phases of the project

REQUEST: Please review the project contact list & provide any recommendations of other key members to invite:

- GIS/technical, transportation, and policy contacts
- Regional Intertribal Organizations, BLM, FHWA, NPS, DoD, BIA, US FWS and other relevant federal, Tribal, State and local agencies and non-profits and universities
- In the states of AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA & WY

Align Expectations

- Project has a tiered approach
  - Identify stakeholder expectations, issue priorities, areas of commonality, potential areas of conflict & methods of reducing or resolving areas of conflict
- REQUEST: Need input on nationally significant (high level) corridors that connect east/west or north/south:
  - Multi-modal transportation
  - To develop an Intermountain Transportation *vision* that will focus on moving people and freight efficiently

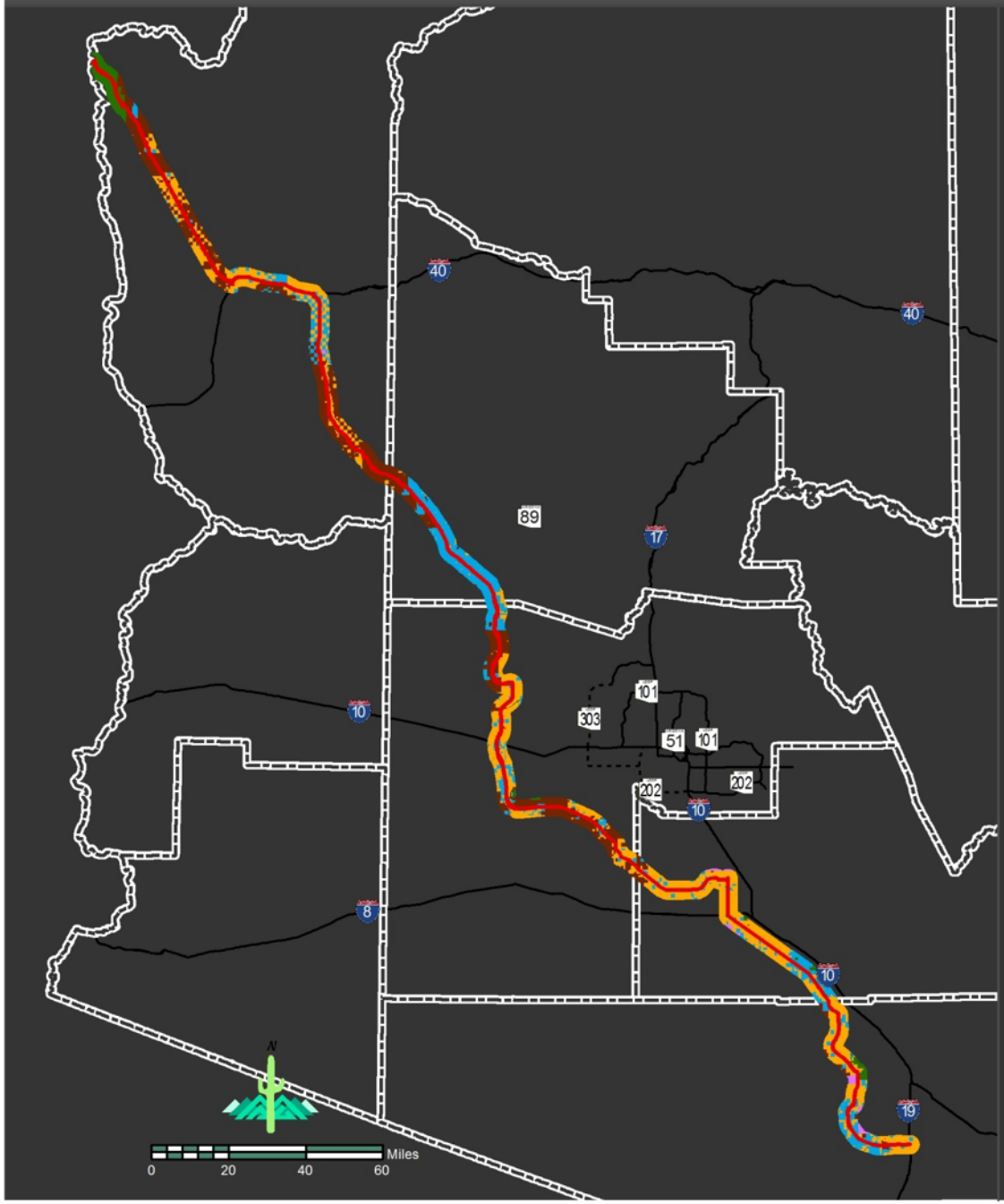


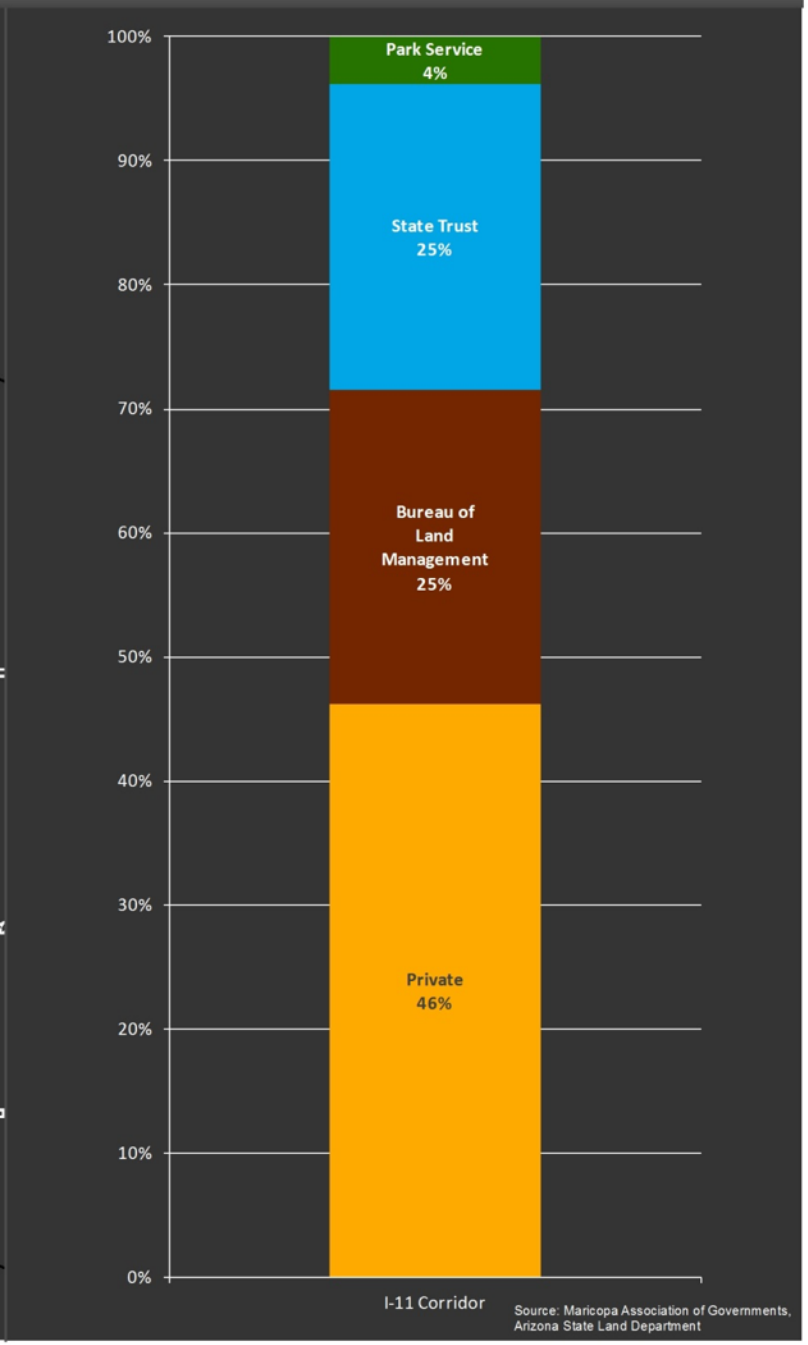
Develop Report with Risk Register

- Next Steps: MAG will develop an outline for the report and risk register
- Efforts will be made to ensure the risk register's proof of concept corridor (~450 miles between international border crossing at Nogales to Las Vegas (via Phoenix)) applies to the broader Intermountain Region
- Patrick Whiteford, ADOT, offered to assist with risk register, especially as it relates to data needed for I-11

Since the August meeting calls held with CDOT and CalTrans SMEs to learn more on their successful efforts with Risk Registers

Proposed Interstate 11 Corridor: Land Ownership





Develop GIS Common Operating Vision/Platform

Consensus items:

- Appreciation for the opportunity to exchange information throughout the meeting & desire for such a forum to continue
- Webinars on GIS-related tools have been informative & enjoyable
- Request for input for this project has not been taxing
  - MAG noted that they will continue to respect everyone's time
- Continue discussions/collaboration on crash data to better understand each other's data analysis/processing for consistency
  - Potential to develop similar methodology to have a more seamless data layer
  - Recommendations on this may be applicable to the report

- Request:
  - Please review entities' tools
  - Provide any input from your Exec Director regarding projects
- Determine (consistent with project SOW):
  - Target audience & level of usage
  - Marketing
  - Agency data sets to include; best ways to keep information updated
    - Local consistency with tool
  - Appropriate scale
  - Use restrictions of any analytical tools developed
  - How to "connect" megaregions (workforces/communities)
  - Needed functionalities

Develop GIS Common Operating Vision/Platform (from SOW)

- Within the region, there are many datasets that, if available through a common operating system, would provide decision makers with better situational awareness of the region and be able to make more fully informed decisions
- The following activities are needed:
  - Assessing available GIS data resources through survey
  - Developing a common GIS vision/platform
  - Collaborating on data conflictions, data standards and gaps
  - Developing best methods for sharing data

Relevant information to be in report:

- GIS data layers that identify transportation focus and potential areas of conflict and provide useful analytic tools (e.g. red dot map of status and trends). Will establish methods and processes for maintenance and conflation of datasets to a common platform.

Other Notable Input:

- Many of the entities are experiencing big increases in population; many have aging populations
- Story maps are becoming more popular
- Most difficult data sets: employment, vehicle trajectory & housing
  - Employment data takes a lot of time to clean up and a need for multiple datasets
  - Zoning data is hard to maintain given the fluidity of the dataset
- Helpful to continue conversations on buying power (how working together might get data sets more cost effectively)
- Need to work together/support each other
- There are data stovepipes in agencies; need for robust data sharing
- Need to reduce duplication on data management/gathering, etc.; drive efficiencies
- Policy makers review data differently than do GIS/technical members; they look for "nuggets" to use in discussion such as advocating for more transportation funding
- Helpful to compare areas (find a road that is similar, etc.)
- Interest in effective freight planning (goods delivered quicker & more effectively)

Project Guiding Principles

- MAG submitted for SHRP2 project funding to expedite planning and environmental review of key global transportation projects in the Intermountain West Region
- As much as possible, build upon existing collaborative efforts to best leverage resources and eliminate redundancies
- Need for robust cooperation among various affected entities to make this a reality
- This grant to jumpstart multiphase effort
- Respect for everyone's time; use resources efficiently

SHRP2 Project Schedule

- Communication activities – **ongoing**
- By **January 2016**
  - Develop/enhance existing data sharing and analytics tools
- By **March 2016**
  - Develop GIS Common Operating Vision/Platform
    - Identify data gaps, preferred format for data to be maintained/shared, develop a standardized format, methods for data maintenance, develop custom analytics for risk register and identify pathway
  - Draft Report with Risk Register
- By **September 2016**
  - Final Report with Risk Register
  - Close out meeting

Request for input

- Feedback from Meeting?
  - Anything we missed?
  - General observations (meeting worth your time, etc.)?
- Recommendations on next steps?
  - How to best continue/leverage working relationships
  - Need for continuous engagement
  - Internal discussion on the viewers

Questions