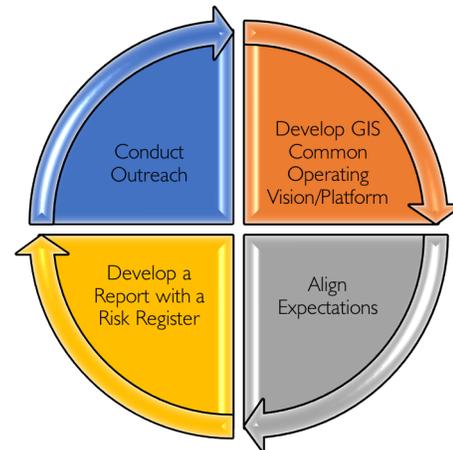


Expediting Planning and Environmental Review of Key Global Transportation Projects in the Intermountain West Region

FHWA SHRP 2 Grant

FHWA awarded a grant to the Maricopa Association of Governments (MAG) to work with Western Regional Alliance (WRA) members and key stakeholders in the broader Intermountain West Region on long-term strategies for multimodal transportation. The grant funding helped to jumpstart a multiphase effort to:

- Conduct outreach to the MPOs, TMAs, State DOTs and other key stakeholders to identify needs and potential gaps related to transportation and data resources.
- Develop GIS Common Operating Vision/Platform for easier data information sharing.
- Align expectations for a long-range vision to move people and goods in the Region.
- Develop Report with Risk Register.



September 2016 (Final) Status Update

Significant Efforts to Date Include:

OUTREACH:

- ✓ Built a network of expertise of key stakeholders (GIS/technical, transportation and policy key staff) from the broader Intermountain West region to share best practices and lessons learned.
- ✓ Prepared outreach material (project fact sheet and webpage with relevant project information).
- ✓ Presentations and follow up communications to Intermountain West MPO/TMA directors.
- ✓ Numerous conference calls with key stakeholders to further leverage existing efforts.
- ✓ Provided drafts of project Report to stakeholders for review and comment.

SHRP2 Study Region

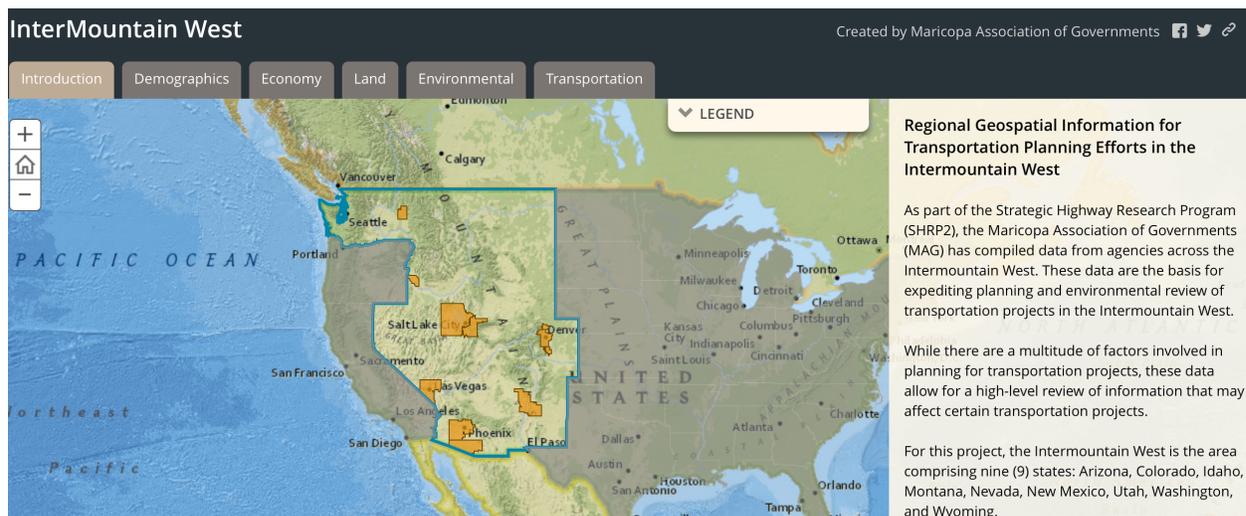


ALIGNING OF EXPECTATIONS:

- ✓ Developed framework for a common Intermountain Transportation vision that focused on moving people and freight efficiently.

GIS DATA SHARING/IDENTIFICATION OF RESOURCES:

- ✓ Held 13 webinars and additional meetings/teleconferences providing overview of project and highlighting key web mapping services/GIS tools used by 17 entities in the region (ADOT, CDOT, COMPASS, DRCOG, FHWA, MAG, MRCOG, Mountainland AOG, NFRMPO, PPACG, RTC of Southern Nevada, SRTC, UDOT, WFRC, WECC, WGA, WRP).
- ✓ Circulated and consolidated GIS Survey; reviewed analytics; assessed available data in region; and conducted follow up interviews with 14 agencies for data gathering.
- ✓ In August 2015, held key meeting with 26 technical staff from 14 different agencies to review project efforts and findings. Their key technical input helped to further project efforts.
- ✓ Identified areas of consensus for a GIS common operating platform for the broader Intermountain West region.
- ✓ Developed standardized land use descriptors for the entire Intermountain West.
- ✓ Developed Intermountain West Story Map using the standardized land use descriptors and numerous other data layers to provide a useful tool for transportation infrastructure planners.
- ✓ Identified recommendations for next steps in creating a common GIS platform for the Intermountain West.



Story Map Produced for Intermountain West Region (Shown Above)

REPORT WITH RISK REGISTER:

- ✓ Completed report including stakeholder input fulfilling project's SOW including:
 - An Executive Summary that acts as a high-level overview of the Report.
 - A general description of the region defined as the Intermountain West (IMW) and how this SHRP2 Project was designed to contribute to the expedited delivery of transportation projects in the region.
 - Existing transportation resources in the IMW.

- A general vision of how transportation infrastructure projects, may help the region catch up with the population growth already experienced and expected to come.
- Economic impacts of transportation infrastructure projects, incorporated from previously commissioned economist's report.
- Outreach to stakeholders in the IMW and their interactions in identifying the existing GIS resources already used by entities in the region including available data and data gaps and additional outreach regarding existing GIS resources and platforms, data conflicts and standards, and best methods of sharing these resources within the IMW.
- Summaries of presentations of the key stakeholder entities in the region regarding those GIS resources they currently use and how they use them.
- Efforts to synthesize all the information gleaned from the presentations and surveys, leading to the development of standardized land use descriptors and a functional IMW Story Map containing at least 26 data layers from at least 11 authoritative mapping services.
- The risk register designed as a high-level tool to assist future transportation planners as new projects are considered in the IMW.
- Best practices and lessons learned from the project of a general nature and specific recommendations with respect to going forward to further integrate infrastructure projects in the IMW.
- Next steps that may be undertaken, subject to available funding of the stakeholders.
- ✓ Developed GIS-related tools to support report.
- ✓ Held two informative interviews with DOTs on their use of risk register and conducted much research.
- ✓ Coordinated with ADOT on project's risk register (focused on I-11 corridors within AZ) to ensure further synergies and to ensure the risk register did not interfere with the processes or deliberation regarding the now ongoing Tier I Environmental Impact Statement for a portion of the I-11 corridor.
- ✓ Demonstrated MAG's successful achievement of the three performance measures in the Statement of Work:
 - Risk register covering at least 450 miles met
 - Data layers and mapping services exceeded
 - Involvement of key policymakers/GIS analysts exceeded
- ✓ Demonstrated MAG's successful achievement of the three deliverables in the Statement of Work:
 - Kick-off and close up meetings held
 - Risk register developed and delivered
 - Report with risk register drafted, finalized and delivered in print, portable document format and web-format

For more information:

https://www.azmag.gov/information_services/shrp2-expediting-project-delivery-grant.asp