

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

OVERVIEW OF SHRP 2 GRANT

SHRP2



STRATEGIC HIGHWAY
RESEARCH PROGRAM

Today's Briefing

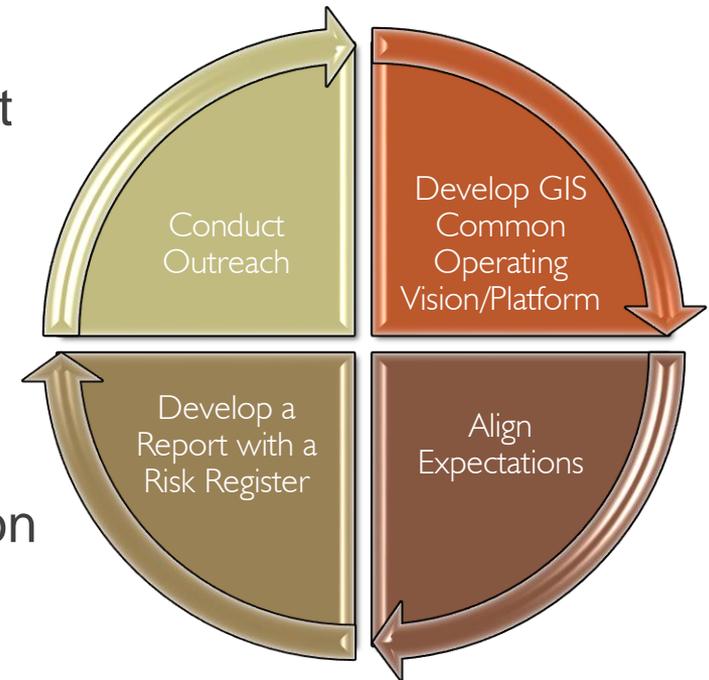
- Background on SHRP 2 Grant
- Uniqueness of Intermountain West Region
- Project Goals
- Request for Assistance: Common Operating Vision/Platform

Strategic Highway Research Program (SHRP 2) Grant

- Authorized by Congress to address some of the most pressing needs related to the nation's highway system
 - Save Lives. Save Money. Save Time.
 - Provide new research-based tools and innovative products and processes that will create more efficiencies and a smarter use of state and federal investments of taxpayer dollars
- FHWA awarded a grant to MAG to advance deployment of multi-objective solutions that expedite transportation project delivery in the **broader Intermountain West Region**
 - Collaborative effort with Western Regional Alliance
 - Partner with **MPOs, DOTs and TMAs to begin aligning priorities, expectations next steps**
 - Opportunity to work with other key partners (e.g. BLM, FHWA, NPS, DoD, USFWS; Tribal entities; State agencies; WGA, etc.)
 - Multi-phase effort

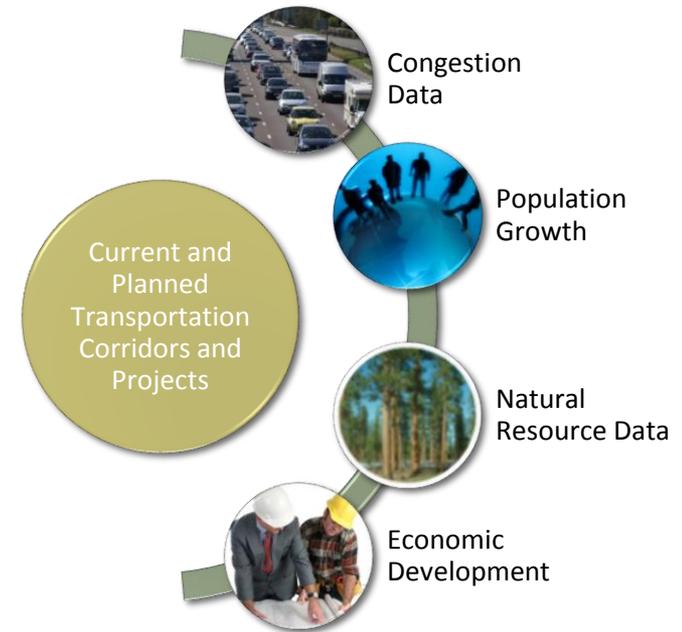
Project Goals

- Conduct outreach to the MPOs, TMAs, State DOTs and other key stakeholders to identify needs and potential gaps as it relates 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 Intermountain West Region
- Develop Report with Risk Register



GIS Common Operating Vision/Platform

- Provide decision makers with better situational awareness of the region and be able to make more fully informed decisions
- Build upon existing collaborative efforts to best leverage resources and eliminate redundancies
- Working collaboratively to:
 - **Assess available GIS data resources through survey**
 - Develop a common GIS vision/platform
 - Collaborate on data conflictions, data standards and gaps
 - Develop best methods for sharing data



Assess Available GIS Data Resources Through Survey

Draft survey developed with six main sections:

1. Contact Information
2. Data Related Questions
3. Socioeconomic Projections Related Questions
4. Transportation Modeling/Planning Relation Questions
5. Data Analytics and Distribution Tools Related Questions
6. Resource Related Questions

Section 1: Contact Information

- Name
- Title
- Agency
- Work Phone
- Email Address
- Web Address

Section 2: Data Related Questions

- Please provide details on what GIS data sets your organization has access to and for each data set (Land use, existing planning/zoning, projects; employment inventory; housing; land ownership; demographic data; open space; development constraints (terrain, wildlife corridors, floodplain; transportation networks; etc.) identify:
 - Primary agency that maintains the data (if other than your agency)
 - Contact information of agency maintaining the data (if other than your agency)
 - Is the most current dataset available?
 - How often is this data updated?
 - What is the primary use of the dataset?
 - Can you share this data (is there a specific license agreement to share this data)?

Section 3: Socioeconomic Projections Related Questions

- Do you have access to county and sub-county socioeconomic projections for your region? If Yes please provide details, otherwise skip to the next section.
- If yes, for population, housing and employment projections:
 - Which agency develops these projections?
 - Contact information of agency developing projections?
 - What data sets are available as part of the most current socioeconomic projections? By what geographies are these available?
 - When were the most recent socioeconomic projections developed?
 - What horizon years were developed?
 - How often are the projections updated?
 - What is the primary use of the dataset?
 - Can you share the data outside your agency/ do you have specific license agreement for sharing the data?

Section 4: Transportation Modeling/Planning Relation Questions

- Do you have access to transportation model and travel data for your region?
_____ Yes ____ No (If no, skip to next section)
- Which agency maintains the data and transportation models?
- Contact information of agency hosting models/data (if other than your agency):
- What transportation datasets (e.g. transportation network (highway, transit, etc.); travel behavior (VMT, VHT, TAZ to TAZ travel times); freight movement; other) and what horizon years?
- Can you share this data outside your agency/Do you have specific license agreement for sharing the data?

Section 5: Data Analytics and Distribution Tools Related Questions

- If your organization has a regional mapping/data dissemination website, please provide web address
- If you have a separate platform for regional transportation datasets, please provide web address
- If there are other agencies in your region that host online mapping services, please provide web address(es)

Section 6: Resource Related Questions

- Are there other entities (e.g. State Department of Transportation; Tribal, State, local agencies, non-profits, universities) in your region that you recommend we contact regarding this data?
Looking for other authoritative data sources that you rely on for transportation-related decisions.
- Is there anything you would like to add that we missed?

Request for Input

- Please review survey and provide input
 - Any questions missing or not clear?
- Please complete survey by September 5, 2014
- Your input will help to:
 - Develop a transportation related GIS network throughout Intermountain West Region
 - Have data accessible in one location
 - Determine how best to integrate the authoritative data in an efficient and cost-effective manner
 - Assist broader goals to collaborate on long-term strategies for multimodal transportation for the benefit of the region

Any Questions?

