If you are reading this, then you are successfully seeing the webinar video. In addition to audio on the webinar, we have opened a phone conference line to allow attendees to listen and ask questions directly: **866-823-7699**. Please use either the webinar audio or conference line, but not both (will produce feedback).

Audio also available via phone: 866-823-7699
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Use Chat box to ask Questions

Participant phone lines will be muted until after initial presentation

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• **What is a GIS?**
  - Geographic Information System
  - “Map layers + data”
How does DGLVRP use GIS?

- Tracking for ~17,000 project sites statewide
  - Location data
  - Financial data
  - Reporting
  - Analysis

- Since 1999, Districts use DGRoads to track projects and spending, and submit report annually.
How does DGLVRP use GIS?

2013 Status Map:

- Yellow: Unfunded identified worksites: 14,195
- Green: 1997-2012 FUNDED worksites: 2,565
- Red: 2013 FUNDED worksites: 167
How does DGLVRP use GIS?
• What is being updated?
  – Entirely new system!
  – Old system could not handle capacity of 7X funding.
  – Old system not designed for paved LVRs.
  – Center staff working with 2 subcontractors.
Old System

- **Local Install**
  - Permission issues
  - Outdated data
  - Data on CD harddrive
  - No remote access
  - Desktop only

- No overlapping sites

- No LVR support

New System

- **Web Based**
  - Nothing to install
  - Live updates
  - Data on server
  - Access from anywhere
  - Offline and tablet mode

- Can overlap sites

- Includes LVRs
DGRoads Online GIS System

- Multi-user access via secure log-in
  - Public Viewer
  - CDs can edit data within their county
  - State administrators can edit data statewide
- Will have ability to overlap sites and track LVR sites.
- Should have “offline mode” and work on tablets.
Poll Question

What default internet browser do you use?

- Internet Explorer
- Mozilla Firefox
- Google Chrome
- Apple Safari
- Other

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DGRoads GIS Update

NEW handling of worksites

OLD: One worksite shapefile
NEW: geodatabase of worksites

• Potential Worksite Layer
• Completed and contracted sites by year
  – Can turn individual years on and off.
  – Can edit projects in any year.
  – Will allow partial and complete overlaps of worksites.
NEW handling of worksites

OLD: One worksite shapefile

NEW: geodatabase of worksites

• Potential Worksite Layer
• Completed and contracted sites by year
  – Can turn individual years on and off.
  – Can edit projects in any year.
  – Will allow partial and complete overlaps of worksites.

2004: stream crossing replacement
NEW handling of worksites

- OLD: One worksite shapefile
- NEW: geodatabase of worksites

- Potential Worksite Layer
- Completed and contracted sites by year
  - Can turn individual years on and off.
  - Can edit projects in any year.
  - Will allow partial and complete overlaps of worksites.

2009: pipes and underdrain
NEW handling of worksites

- OLD: One worksite shapefile
- NEW: geodatabase of worksites

- Potential Worksite Layer
- Completed and contracted sites by year
  - Can turn individual years on and off.
  - Can edit projects in any year.
  - Will allow partial and complete overlaps of worksites.

2015: Driving Surface Aggregate
NEW handling of worksites

- **OLD**: One worksite shapefile
- **NEW**: geodatabase of worksites
  
  - Potential Worksite Layer
  - Completed and contracted sites by year
    - Can turn individual years on and off.
    - Can edit projects in any year.
    - Will allow partial and complete overlaps of worksites.
DGRoads Online GIS System

– **Spring 2014**: Planning began
– **Fall 2014**: Preliminary work began
– **Fall/Winter 2014**: several meetings and demos, continue development
– **Jan 2015**: Last Summary Report done in old system
DGRoads Online GIS System

– Spring 2014: Planning began
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– Fall/Winter 2014: several meetings and demos, continue development
– Jan 2015: Last Summary Report done in old system

– Feb 2015: “Beta” Version out to GIS test group
– April 2015: Initial limited release for testing.
– May-June 2015: Full release
Please do not input new data into your old GIS.

– Your 2014 ASR data will show up in new GIS system.
– Don’t let inability to input data stop you from making contracts and doing business as usual.