

OHIO DEPARTMENT OF TRANSPORTATION

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ODOT GeoMS

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GeoMS

- ① **Geotechnical Data Mgt. System**

- ① **www.odotgeoms.org**

- ① “Beta” version advertised to external users in March

- ① Serviced and Maintained by the University of Akron thru June 2015 (support by University Helpdesk)

Registration

- ① Previously registered Geotechnical DocMS (Falcon) users will have same credentials
- ② Guest option available
- ③ Registration will be required in order to submit project data to GeoMS

GeoMS Components

- ④ Document Mgt. System (Falcon)
- ④ Geohazard Mgt. System (GHMS)
- ④ EQulS
 - ④ Sample Planning Module/Drilling Request System
 - ④ EDGE
 - ④ EDP
- ④ LIMS – Lab Information Mgt. System

Document Mgt. System

- ⑦ 748,649 records for 19,207 projects (as of 4/26/13)
- ⑦ **Historical boring locations**
 - ⑦ Never updated to reflect revised route or sections
 - ⑦ Information was placed in storage at ODOT Central Garage until pilot scanning project began in 2002

Georeferencing Project

- ① **Production phase began in June 2012**
- ① 14 counties available via GIS map at odotgeoms.org
- ① 2 counties in review
- ① 6 counties in progress
- ① Initial focus is on counties with interstates and largest number of historical records
- ① Completion Date – December 2014

Geohazard Mgt. System (GHMS)

Components

 Rockfall

 Landslide

 AUMIRA / UVIRA

 Review of initial inventory data

 Inspection Phase – frequency based
on severity of geohazard

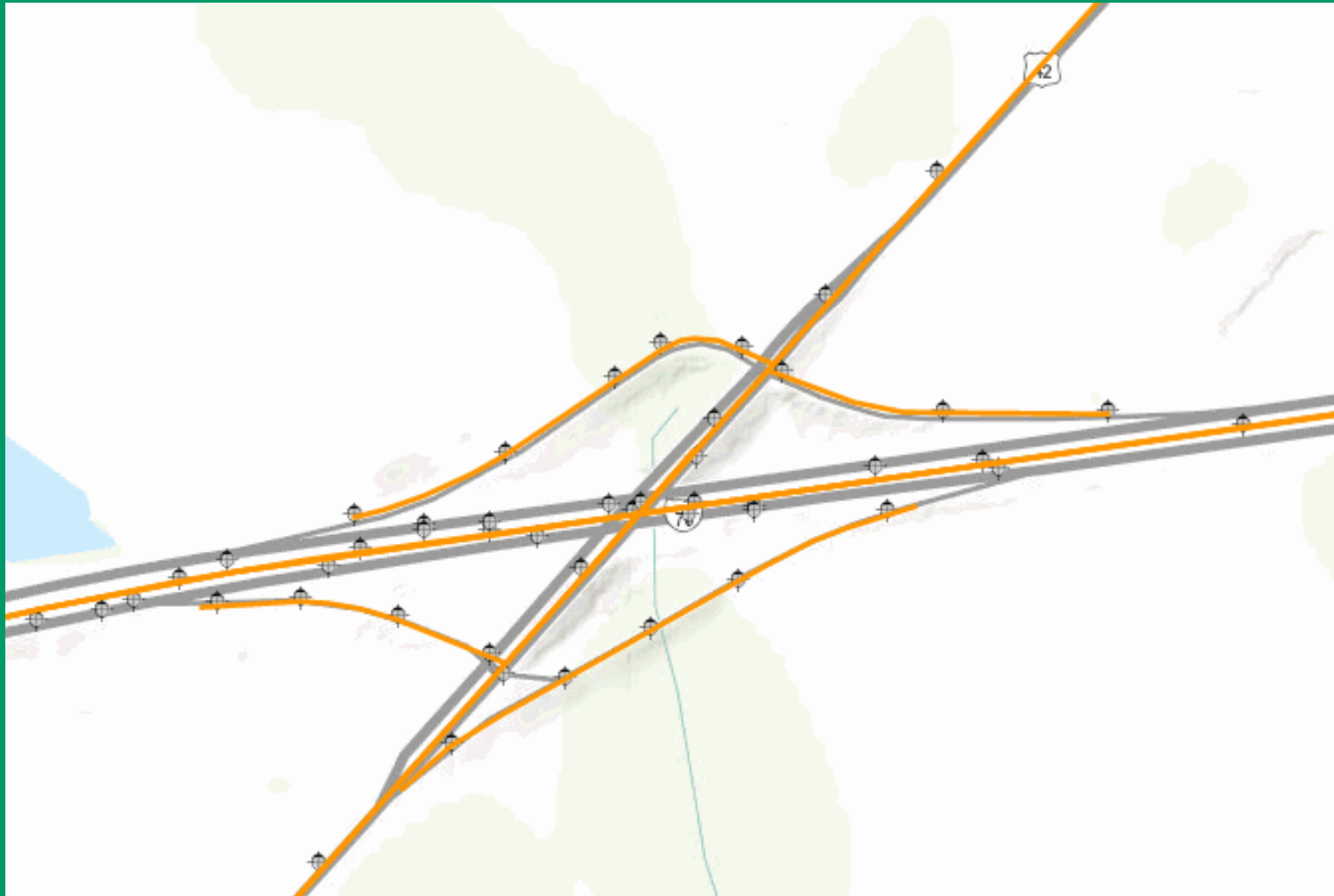
EQuIS

- ④ **GIS Map**
- ④ Sample Planning Module/Drilling Request System – Internal ODOT Drilling Mgt. Tool
- ④ EDGE – Internal ODOT Field Data Collection Tool
- ④ EDP – Electronic Data Processor
 - ④ Will be used by consultants to submit project information to GeoMS

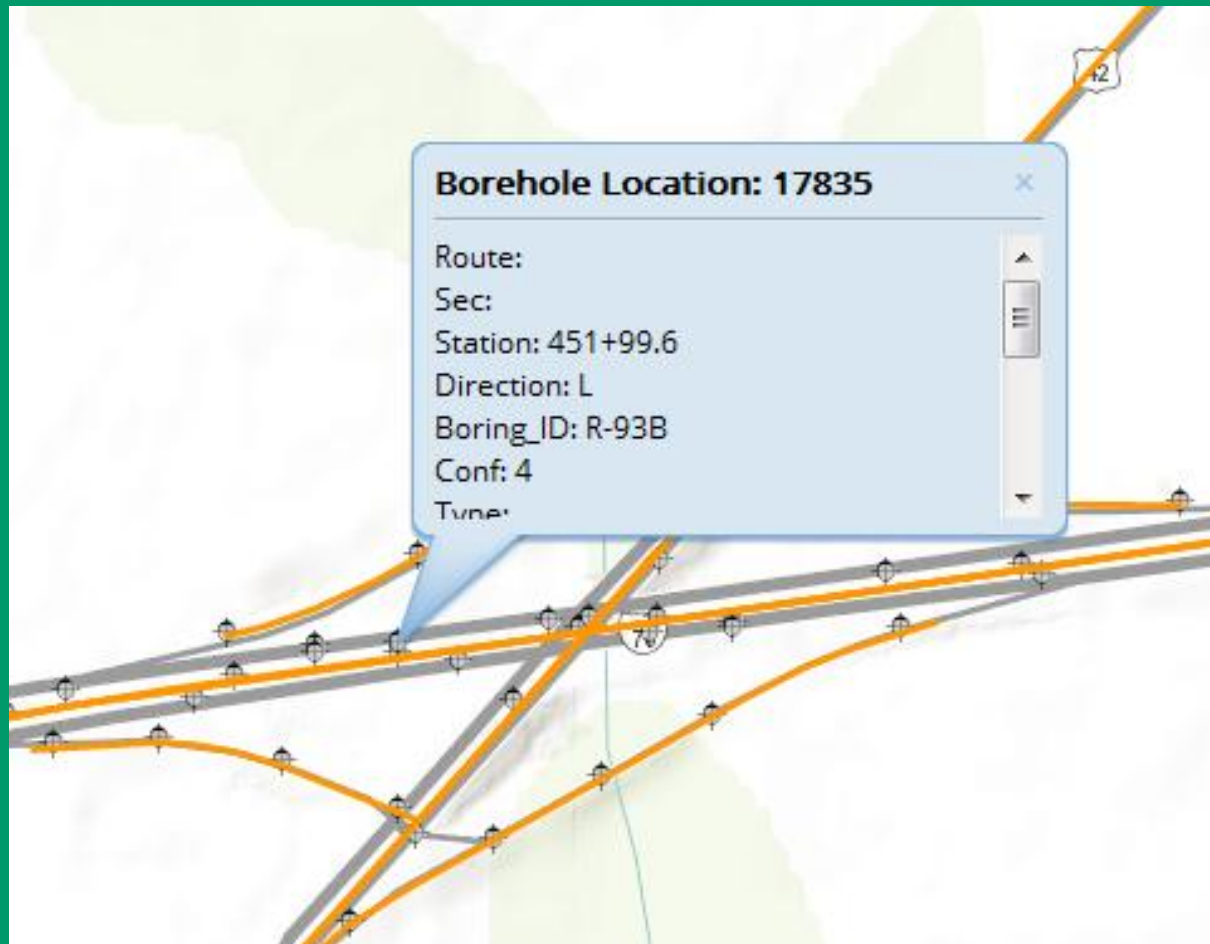
GeoMS Demo

- ④ **Search for example region:**
 - ④ Madison County – vicinity of I-70/US 42 interchange
 - ④ Search for historical records and geohazard inventory information

MAD-70/42 Interchange



Select Boring



Search Results Provided

Falcon/Website Search Results

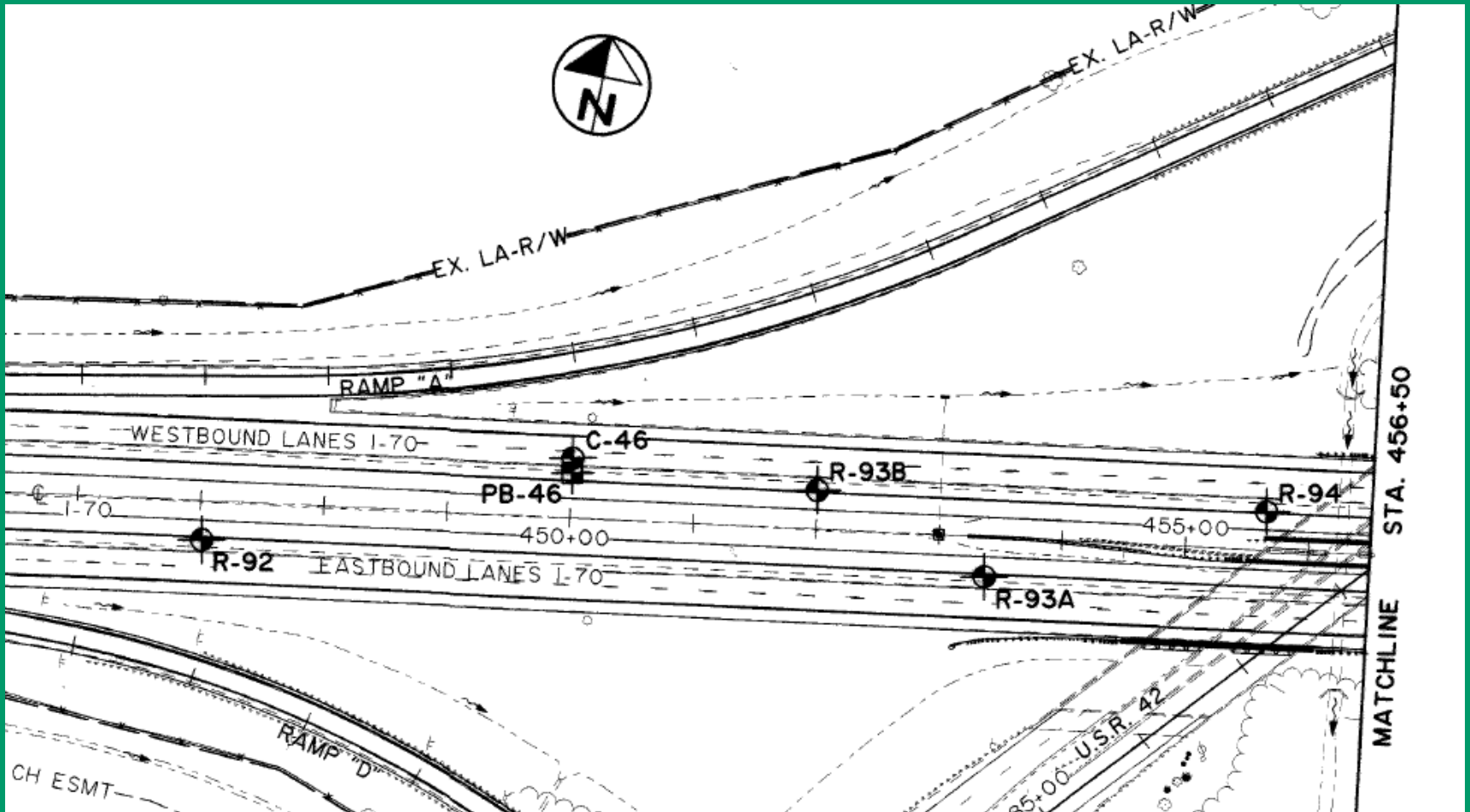
Geotech-web - Search Results

Back Select All Deselect All Merge PDF Add to Set View Set Clear Set Adv. Sort Preferences Help

Options	Filename	County	Route	Section	Road Name	Project Type	Project Sub-type	Document Type	Document Sub-type	Location Name
<input type="checkbox"/>	77118-02p2-soil22.tif	CLA, MAD	70	0.00, 25.15		roadway		soil profile sheets		



Soil Profile Sheet



Future Enhancements

- ④ Revisions to GIS Map
- ④ Close “Gap” in archives
- ④ Help Documentation Specific to ODOT
- ④ Integration with ODOT TIMS
 - ④ Transportation Information Mgt. System

Questions?

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**System Issues:
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