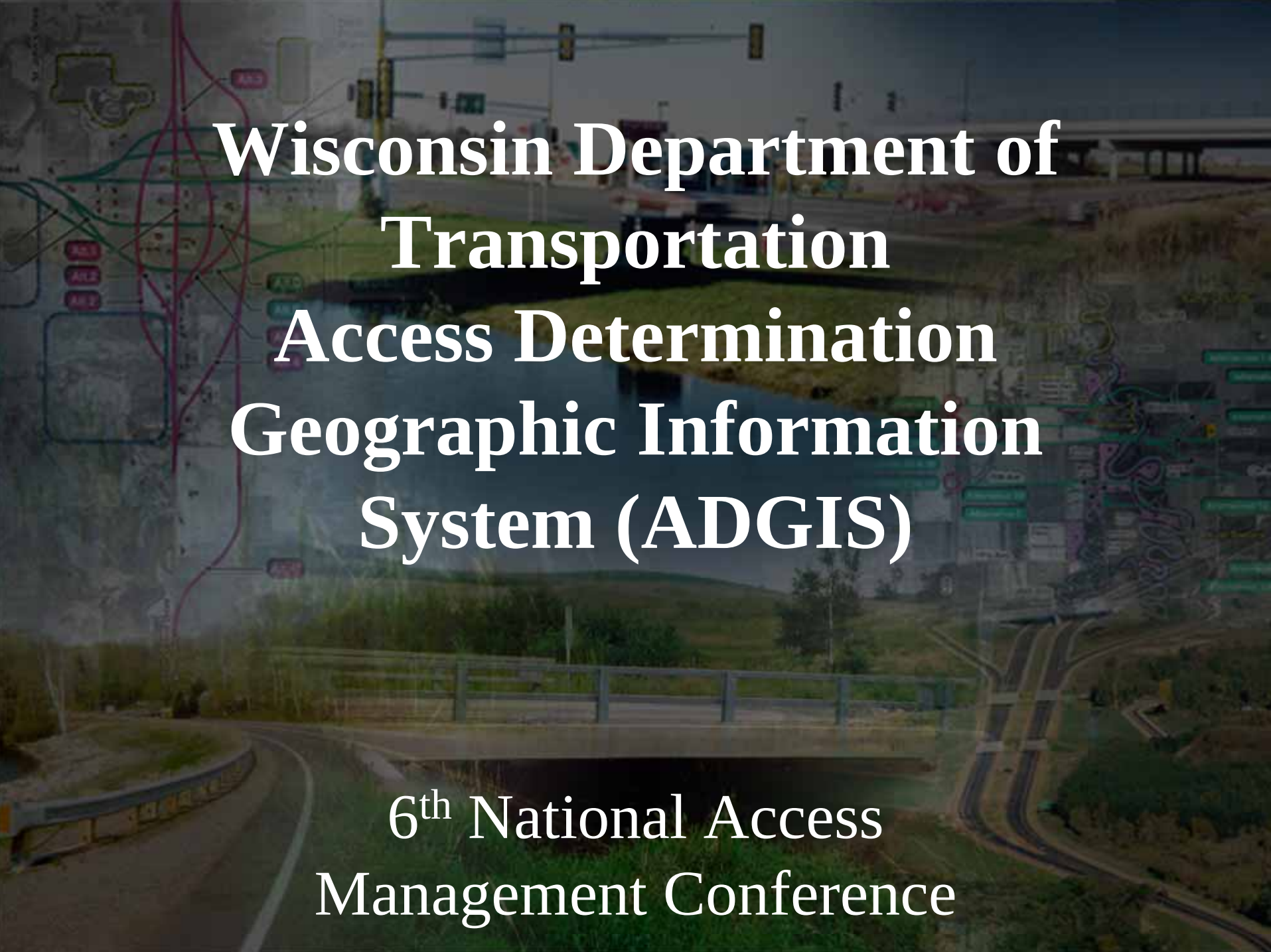


The background of the slide is a composite image. It features a photograph of a road intersection with traffic lights and a green landscape. Overlaid on this is a semi-transparent map with various colored lines (red, green, blue) and labels (A1.1, A1.2, A1.3, A1.4, A1.5, A1.6, A1.7, A1.8, A1.9, A1.10, A1.11, A1.12, A1.13, A1.14, A1.15, A1.16, A1.17, A1.18, A1.19, A1.20, A1.21, A1.22, A1.23, A1.24, A1.25, A1.26, A1.27, A1.28, A1.29, A1.30, A1.31, A1.32, A1.33, A1.34, A1.35, A1.36, A1.37, A1.38, A1.39, A1.40, A1.41, A1.42, A1.43, A1.44, A1.45, A1.46, A1.47, A1.48, A1.49, A1.50, A1.51, A1.52, A1.53, A1.54, A1.55, A1.56, A1.57, A1.58, A1.59, A1.60, A1.61, A1.62, A1.63, A1.64, A1.65, A1.66, A1.67, A1.68, A1.69, A1.70, A1.71, A1.72, A1.73, A1.74, A1.75, A1.76, A1.77, A1.78, A1.79, A1.80, A1.81, A1.82, A1.83, A1.84, A1.85, A1.86, A1.87, A1.88, A1.89, A1.90, A1.91, A1.92, A1.93, A1.94, A1.95, A1.96, A1.97, A1.98, A1.99, A1.100).

Wisconsin Department of Transportation Access Determination Geographic Information System (ADGIS)

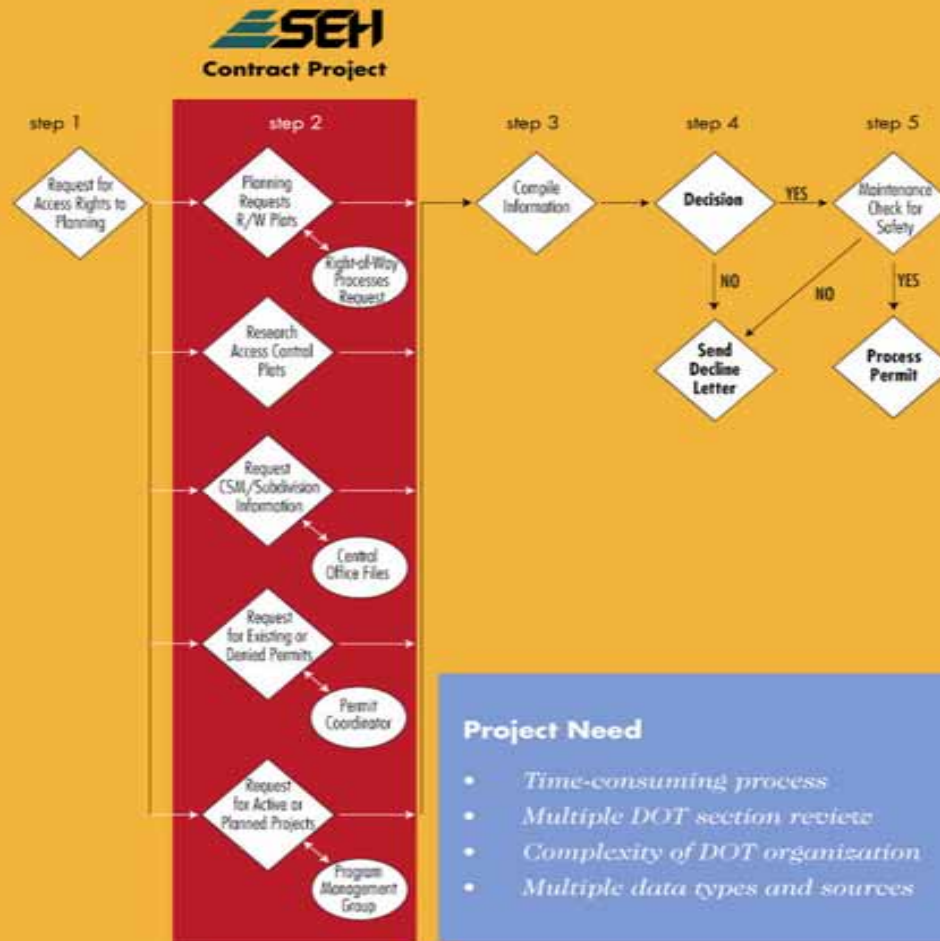
**6th National Access
Management Conference**

Project Purpose

***To create
an application
to automate the
access determination
process.***

EXISTING SYSTEM

Existing Process for Access Determination (timeframe: 1 to 2 weeks)



Project Need

↑ *Length of Review Process*

↑ *Number of DOT sections
involved in review*

↑ *Complexity of DOT organization*

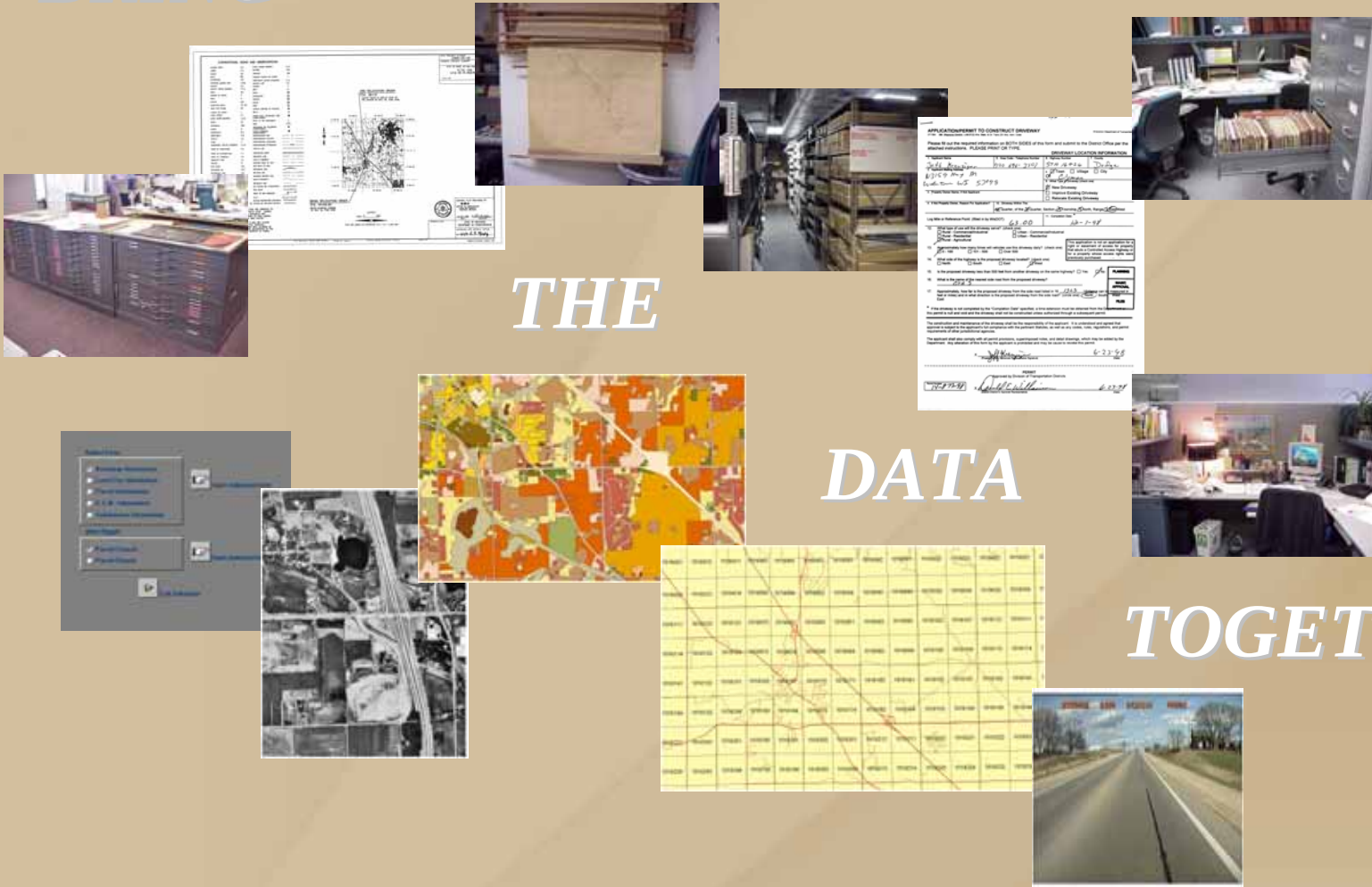
↑ *Types of data needed for decision*

↑ *Data sources involved*

BRING

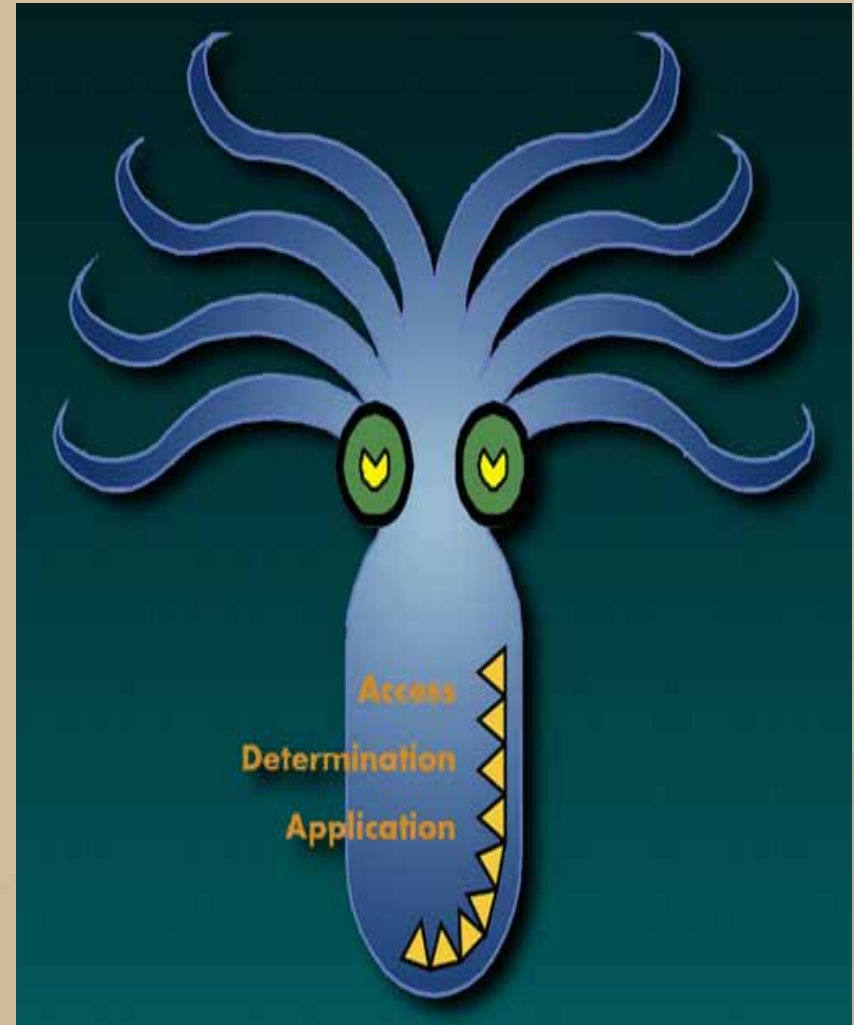
DATA

TOGETHER



Project Goals

- ◆ *Use of Existing Data*
- ◆ *Reduce Work Effort*
- ◆ *Ease of Use*
- ◆ *Organization*
- ◆ *Accessibility*
- ◆ *Multi-Use*



***HOW
WILL
IT
WORK?***

Data Sources

- ☐ *South Eastern Wisconsin Regional Planning Commission (SEWRPC)*
- ☐ *DOT Central Office*
- ☐ *District 2 - Right-of-Way Section*
- ☐ *District 2 - Permitting*
- ☐ *District 2 - Files*
- ☐ *District 2 - Planning Section*
- ☐ *Local Municipalities (County, Town, Local)*

Project Test Area

- √ *Diverse Roadway Configurations*
- √ *Multiple Types of Municipalities*
- √ *Growth Potential*

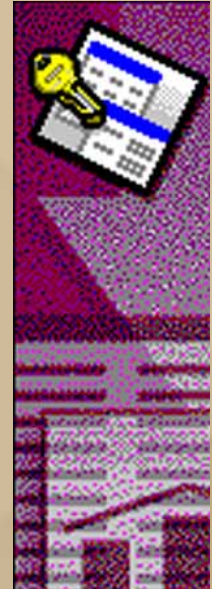
SOFTWARE

→ **Microsoft Access - Database**

- ↳ *Easy to use*
- ↳ *Accessibility*

→ **ArcView/Map Objects**

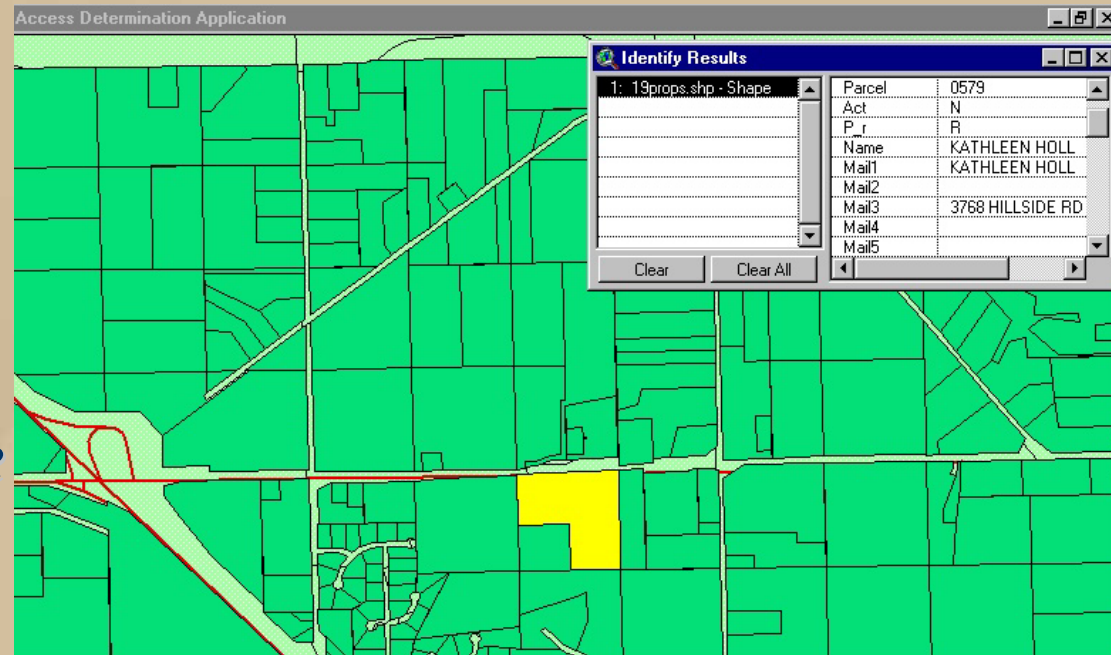
- ↳ *Visual capabilities*
- ↳ *Ease of use*
- ↳ *Accessibility*
- ↳ *Ability to handle multiple datasets*
- ↳ *Printing/Reporting capabilities*



Application Functions

Locate Properties

- Owner name
- Address
- Street
- Municipality
- Section/Town/Range
- Tax Key/ID Number



View Property

- Parcel Information
- Assessment Data
- Access Rights
- Adjacent Property Info

Application Functions



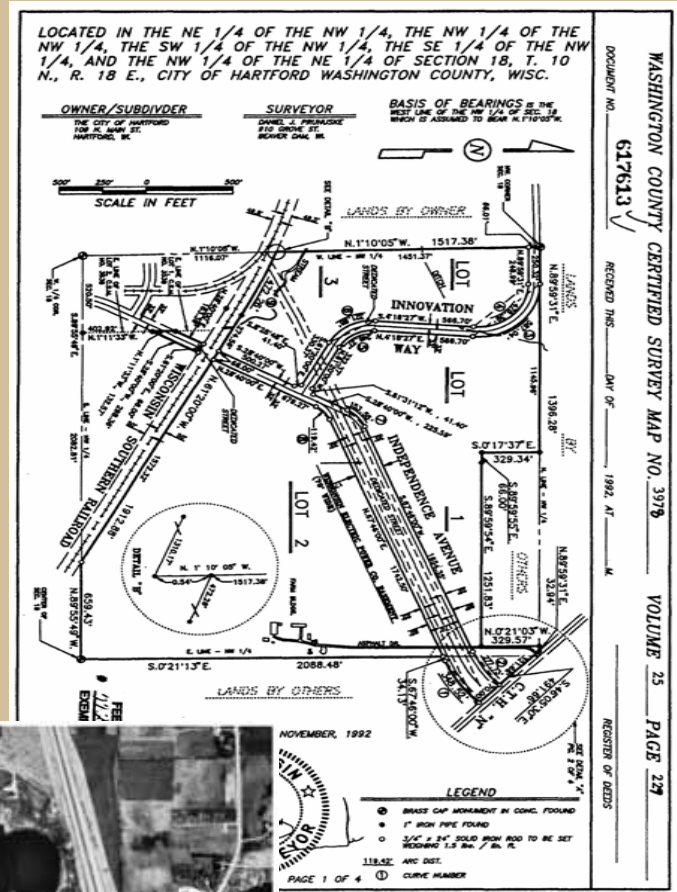
Locate By Additional Information

– Land Use, PLSS, 6-Year Program, Metamanger/PDMS

Application Functions

View/Print Additional Information

- ⊕ Right-of-Way Plats
- ⊕ Permit Documents
- ⊕ Legal Documents
- ⊕ Aerial Photographs
- ⊕ Subdivision Maps
- ⊕ Certified Survey Maps
- ⊕ Access Covenants
- ⊕ Access Easements
- ⊕ Cross Access Agreements



Application Functions

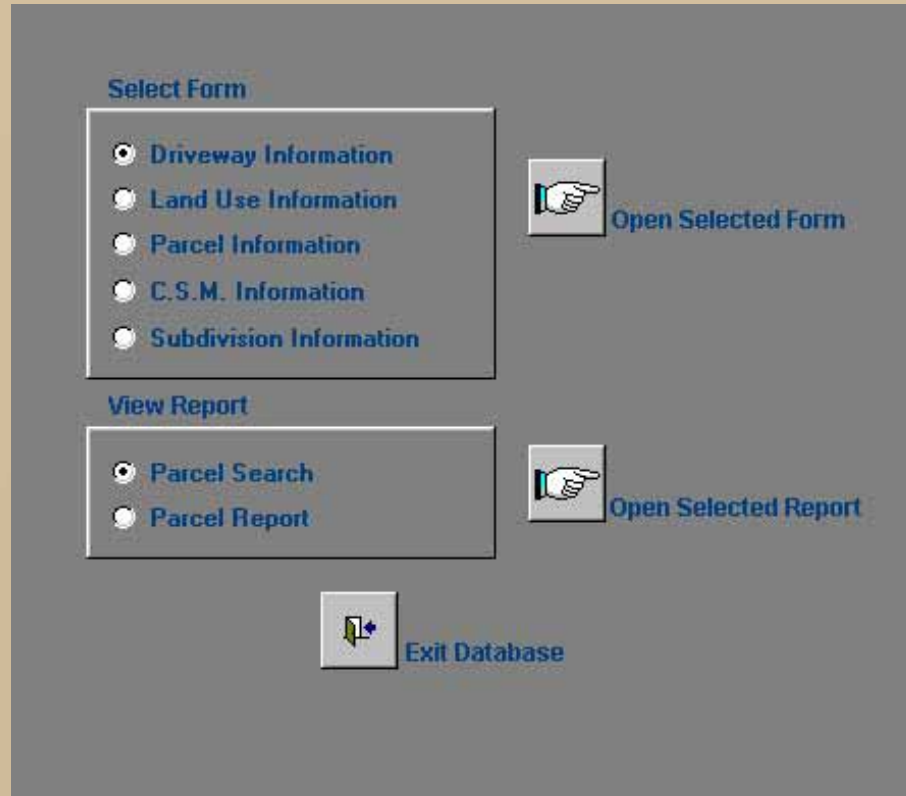
Printing

- Reports
- Maps



Document Number AUTHORIZATION FOR ACCESS TO OR ACROSS A CONTROLLED-ACCESS HIGHWAY Wisconsin Department of Transportation 67-1002 687		
Pursuant to the provisions of s.84.25 Wisconsin Statutes, the Department of Transportation has established a section of U.S.H. 51 in Oneida County, as a Controlled-Access Highway, designated as Controlled-Access Project 1173-11-29, effective on and after 1/1/02, as recorded in volume ... of Deeds Title, page ... as the Document Number ...		
The Department of Transportation approves and consents to direct access between said highway and the lands of the owner(s) in the NW 1/4 of the SW 1/4 of SEC 14, T38N, R6E,		
by means of one Private Driveway located as follows: one private driveway located on the east side of U.S.H. 51.		
The authorized access shall be located entirely within the limits of the above described property, subject to the terms and conditions as are set forth in the "APPLICATION/PERMIT TO CONSTRUCT ACCESS DRIVEWAY TO STATE HIGHWAY", required by Section 86.07(2), Wisconsin Statutes.		
THIS AUTHORIZATION, superseding any and all prior Authorizations, is issued to the following owner(s) of the above-described property, the heirs, successors and assigns.		
JEANNECE A. DEVOR (Owner Name) 124 LAKE PARK PLACE, LAKE MILLS, WI 53551 (Address) Wisconsin Department of Transportation (For District Director) Dan Grasser (Print Name)	(Owner Name) (Address) (Date) State of Wisconsin } ss. Oneida County } On the above date, this instrument was acknowledged before me by the named person(s). (Signature, Notary Public, State of Wisconsin) Dennis Brock (Print or Type Name, Notary Public, State of Wisconsin) 1/14/2002 (Date Commission Expires)	
Sheet Number 11 Project ID 1173-11-29	Driveway No.(s) 84 This instrument was drafted by the Wisconsin Department of Transportation	Parcel No. 111

Database



Access Rights Information

Subdivision

C.S.M.

Right-of-Way

Permit

Covenant

Easement

Access control plat

- *Easy to Use*
- *Separate Application*
 - *Multiple points of data entry*
 - *Users need tabular data*

***HOW
WILL
WE
USE
IT?***

Use of Existing Data

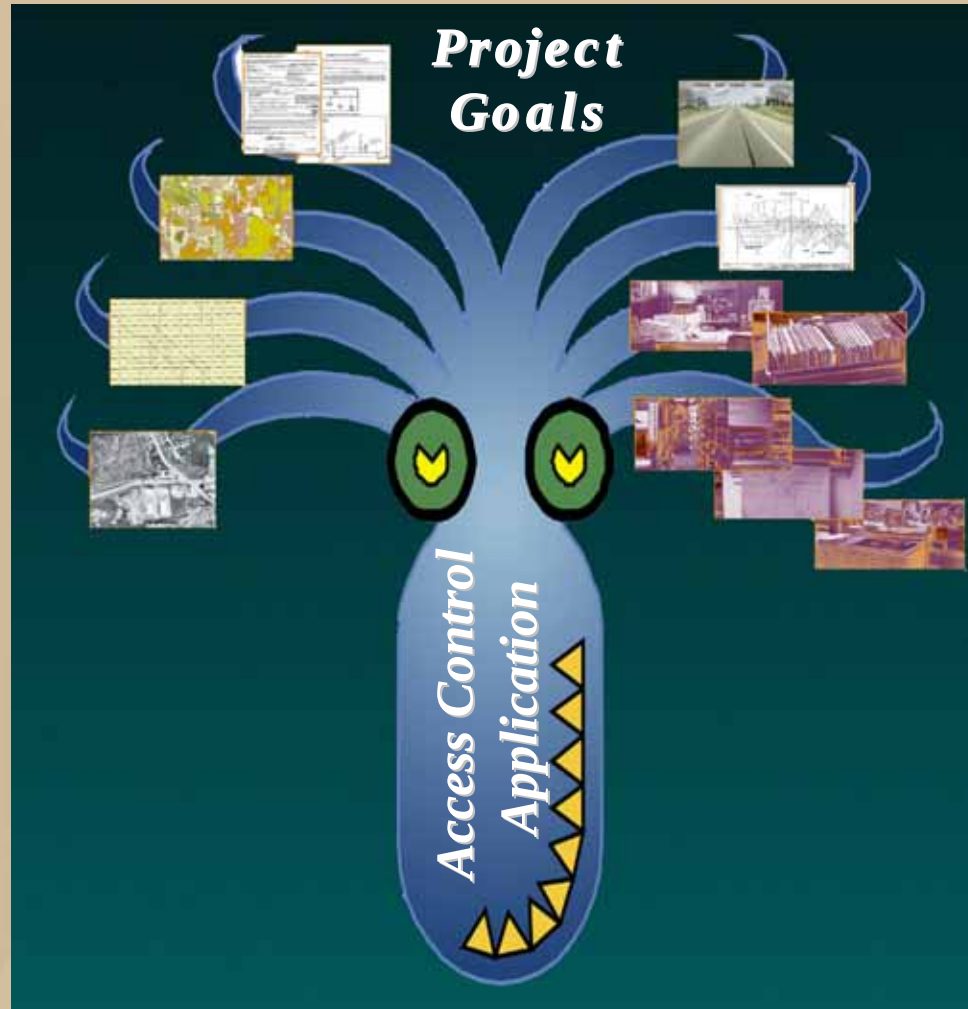
Organization

*Reduce Work
Effort*

Ease of Use

Accessibility

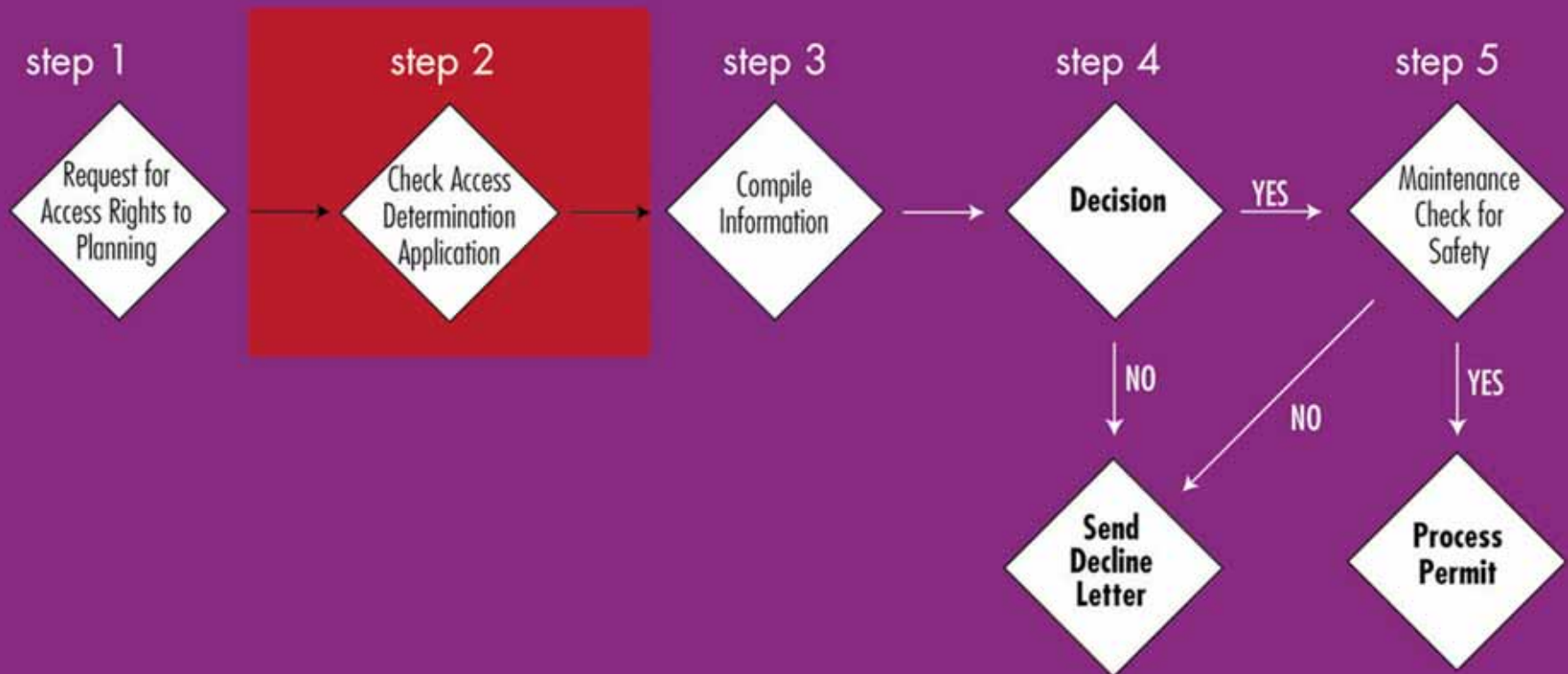
Multi-Use



NEW SYSTEM

NEW SYSTEM

Refined Process for Access Determination (timeframe: 1 to 4 days)



Other Potential Uses

- DOT Real Estate
 - Estimating costs
 - Comparable housing searches
- Future projects
 - Starting base for planning projects

LIVE DEMO