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
- Time-consuming process
- Multiple DOT section review
- Complexity of DOT organization
- Multiple data types and sources
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
Project Need

BRING

THE

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
Database

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

Access Rights Information
- Subdivision
- C.S.M.
- Right-of-Way
- Permit
- Covenant
- Easement
- Access control plat
HOW WILL WE USE IT?
NEW SYSTEM

Use of Existing Data
Reduce Work Effort
Ease of Use

Organization
Accessibility
Multi-Use
NEW SYSTEM

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

step 1
Request for Access Rights to Planning

→

step 2
Check Access Determination Application

→

step 3
Compile Information

→

step 4
Decision

YES

→

step 5
Maintenance Check for Safety

NO

→

Send Decline Letter

NO

→

Process Permit
Other Potential Uses

• DOT Real Estate
  – Estimating costs
  – Comparable housing searches

• Future projects
  – Starting base for planning projects
LIVE DEMO