Invasive Species Management
DOT perspective

Taneka Jackson
TOPICS

- IDOT/District One Overview
- Methods and Results
- GIS mapping
- Coordination
Illinois Dept. of Transportation
Illinois Dept. of Transportation

- Responsible for planning, constructing, & maintaining the Illinois transportation network.

- The “network” encompasses highways & bridges, airports, public transit, rail freight, & rail passenger systems.

- 3rd largest highway network in the U.S.
5 Regions and 9 Districts

- **District One**
  - Cook County
  - DuPage County
  - Kane County
  - Lake County
  - McHenry County
  - Will County
District One

- ~2,791 miles of roadway
- Over 3,500 acres of expressway roadsides
- Over 13,500 acres of primary route roadsides
- Totaling 17,000 acres of roadsides to maintain
IDOT District 1

- 23 Maintenance Yards spread out over 6 counties.

- Over 40 licensed pesticide applicators

- Some roadside maintenance work has been contracted out to supplement efforts by the Maintenance Yards.
IDOT D1 Annual Maintenance Contracts:

- Dead Tree Removal
- Mowing
- Landscape Repair
  (Motor caused highway damage)
- Natural areas Management
- Wetland areas Management
- Weed Control
Methods & Results
Acres of Phragmites Controlled by Contract

<table>
<thead>
<tr>
<th>Year</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acres</td>
<td>178</td>
<td>228</td>
<td>128</td>
<td>200</td>
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</table>
In 2010, IDOT D1 with the assistance of a consultant firm began developing GIS mapping and databases for all expressway roadsides.

Eventually, GIS mapping will include all state routes within District One.
Weed control
“on both sides of the fence”
Coordination

Keep invasive species out of high quality natural areas

IDOT seeks to coordinate invasive species control with adjacent land owners/managers

Building strong partnerships
www.niipp.net

Cathy McGlynn, Coordinator
What is NIIPP?

Cooperative weed management area (CWMA), unites interested landowners, land managers, non-profits, private entities, industry, special districts, and the public in the northeastern Illinois region for the purpose of coordinating and combining their resources, expertise, and activities for more efficient and effective management of invasive plant species across jurisdictional boundaries.
NIIPP Partners

- IDOT D1, D2, D3
- Morton Arboretum
- Field Museum
- Cook County Forest Preserve
- Chicago Botanic Garden
- USDA Forest Service-Midewin National Tallgrass Prairie
- Chicago Park District
- Hey and Associates
- Pizzo and Associates
How does coordination between NIIPP Partners & IDOT work?
Invasive Species mapping made easy!

Fast and easy use

Facilitates Early Detection and Rapid Response

One database for local & national data

www.edddmaps.org
Illinois Department of Transportation
District 1 Invasive Weed Control Coordination Form

Instructions: Please complete this form to the best of your abilities. Incomplete data may result in delays in weed control coordination efforts.

<table>
<thead>
<tr>
<th>Name of Site:</th>
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<tbody>
<tr>
<td>Location (attach map if possible):</td>
</tr>
<tr>
<td>Site adjacent to state route or expressway? Yes / No</td>
</tr>
<tr>
<td>If no, please explain:</td>
</tr>
<tr>
<td>Site manager/owner information:</td>
</tr>
<tr>
<td>Name (agency/organization/individual):</td>
</tr>
<tr>
<td>Contact person:</td>
</tr>
<tr>
<td>Phone number:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
<tr>
<td>Please provide a brief site description, including vegetation and other unique features:</td>
</tr>
<tr>
<td>Are there any threatened or endangered species (flora or fauna):</td>
</tr>
<tr>
<td>At the site? Yes / No</td>
</tr>
<tr>
<td>On the roadside? Yes / No</td>
</tr>
<tr>
<td>Is the site:</td>
</tr>
<tr>
<td>An Illinois Nature Preserve? Yes / No</td>
</tr>
<tr>
<td>An INAI site? Yes / No</td>
</tr>
<tr>
<td>Please list any invasive species present on roadside:</td>
</tr>
<tr>
<td>Invasive species control methods/strategies being used at site:</td>
</tr>
<tr>
<td>Person requesting invasive species control on IDOT roadside at this site (if different than above):</td>
</tr>
<tr>
<td>Name:</td>
</tr>
<tr>
<td>Phone number:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
<tr>
<td>Other comments/notes:</td>
</tr>
</tbody>
</table>

Please complete form and return to the IDOT District 1 Roadside Development Unit.
Address: 201 W. Center Court, Schaumburg, IL 60196  Phone: (847) 705-4171  Fax: (847) 705-4754
Email: Rick.Warner@illinois.gov  Taneka.Jackson@illinois.gov
Coordination/GIS mapping

Step 1: IDOT receives complaint

Step 2: Field check to verify and confirm

Step 3: Report to EDDmaps

Step 4: Add in IDOT GIS database

Step 5: Assess best method and time to control (ie. Herbicide, Mowing, Hand Pulling)
COORDINATION

Definition- Act of organizing and assembling different people together to fulfill desired goals.

Goal- Effectively manage invasive species across jurisdictional boundaries.
Invasive Species Management
DOT perspective

Peter Dunleavy
NYSDOT

Taneka Jackson
IDOT