



PHASE1

PENNDOT EXTREME WEATHER VULNERABILITY STUDY

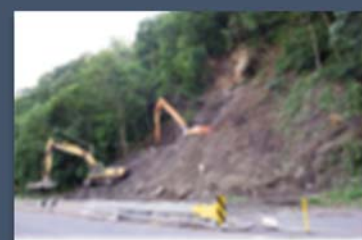
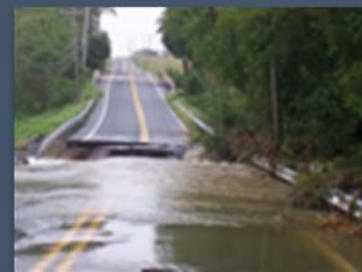
APPENDIX B

DISTRICT OUTREACH
WEB-BASED SURVEY
INFORMATION

Prepared By:



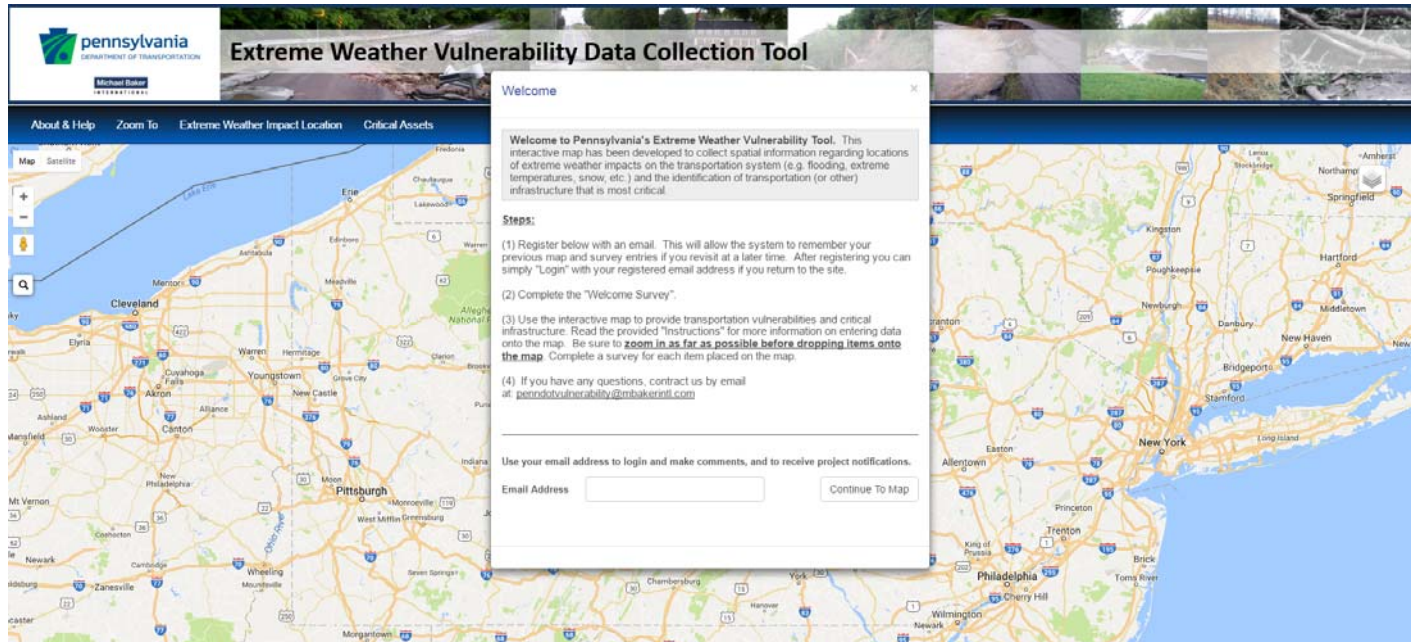
DRAFT VERSION – JANUARY 2017






<http://wikimapping.com/wikimap/PennDOT-Extreme-Weather-Vulnerability-Tool.html>

Welcome Survey



Welcome



Welcome to PennDOT's Extreme Weather Vulnerability Data Collection Tool!

We appreciate your input in identifying key vulnerabilities and critical transportation infrastructure throughout the state. Please complete the introductory survey below and provide detailed information on the interactive map. Let us know if you prefer to provide information outside of this survey. If so, please contact us at the following email:

penndotvulnerability@mbakerintl.com

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Welcome

What Agency Do You Represent?*

What Extreme Weather Events Have Had Significant Impacts on Transportation Infrastructure in Your Region?

- | | |
|--|---|
| <input type="checkbox"/> Extreme Cold / Wind Chill | <input type="checkbox"/> Excessive Heat |
| <input type="checkbox"/> High Wind | <input type="checkbox"/> Tornado |
| <input type="checkbox"/> Heavy Rain / Flooding | <input type="checkbox"/> Sea Level Rise / Storm Surge |
| <input type="checkbox"/> Lightning | <input type="checkbox"/> Hail |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Snow |
| <input type="checkbox"/> Ice | <input type="checkbox"/> Indirect Impacts from Dams |
| <input type="checkbox"/> Other | |

Which Transportation Assets are Impacted by Extreme Weather in Your Region?

- | | |
|--|--|
| <input type="checkbox"/> Roads | <input type="checkbox"/> Bridges |
| <input type="checkbox"/> Roadway Culverts / Pipes | <input type="checkbox"/> Transit |
| <input type="checkbox"/> Railroads / Rail Yards | <input type="checkbox"/> Airports |
| <input type="checkbox"/> Ports | <input type="checkbox"/> Locks |
| <input type="checkbox"/> Navigable Waterways | <input type="checkbox"/> PennDOT Buildings |
| <input type="checkbox"/> Maintenance and Salt Facilities | <input type="checkbox"/> Other |

At What Level Has Your Agency Addressed Transportation Resiliency?

- ☐ Awareness
- ☐ Assessment (e.g. identified vulnerabilities)
- ☐ Planning and Recommended Strategies
- ☐ Adoption and Implementation of Strategies
- ☐ Don't Know / Not Applicable

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Welcome

What are Some Strategies Used by Your Agency to Improve Transportation Resiliency?

What are Some Barriers Preventing Your Agency from Implementing Resiliency Strategies?

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Welcome



Do you want to stay involved with this project or provide more information beyond the survey and interactive map? If so, provide your name, agency and telephone number.

Name:

<Optional>

Telephone Number:

<Optional>

Agency:

<Optional>

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Extreme Weather Impact Location

Extreme Weather Impact Location



Specify an extreme weather impact on the transportation system by placing either a line or point on the map, whichever you feel best represents your impact. After placing the line or point on the map, please complete the survey form. If you wish to delete the point or line, simply hit the "Cancel" button at the bottom of the survey.



☐ Drop a Point on the Map

or



☐ Draw a Line on the Map

Tip: To finish drawing the line, double click the last point.

Description



Category:  Extreme Weather Impacts

You have provided a location where an extreme weather event has impacted the transportation system. Tell us about this event and location in the survey below:

What type of extreme weather event is this?*

If Heavy Rain/Flooding specified above, provide the best description of the event:

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Description



Category:  Extreme Weather Impacts

What type of transportation assets are impacted?*

- ☐ Roads
- ☐ Bridges
- ☐ Roadway Culverts / Pipes
- ☐ Transit
- ☐ Railroads / Rail Yards
- ☐ Airports
- ☐ Ports
- ☐ Locks
- ☐ Navigable Waterways
- ☐ PennDOT Buildings
- ☐ Maintenance and Salt Facilities
- ☐ Other

Ownership of assets provided above:*

How critical is this transportation asset?*

Approximately how often has extreme weather impacted this location?

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Cancel

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Description



Category:  Extreme Weather Impacts

Provide any notes on the extreme weather impacts at this location:

Indicate any potential strategies to improve the resiliency of the transportation assets at this location:

Upload a photograph if available.

Upload a file

Submit

Cancel

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Critical Assets


Critical Assets

Specify critical transportation infrastructure (e.g. roads, bridges, culverts, etc.) by placing either a line or point on the map, whichever you feel best represents your transportation asset. Critical assets are those considered vital to the state and their closure would have a debilitating effect on operations, safety, accessibility. After placing the line or point on the map, please complete the survey form. If you wish to delete the point or line, simply hit the "Cancel" button at the bottom of the survey.

Critical Transportation Asset

 ☐ Drop a Point on the Map


or

 ☐ Draw a Line on the Map


Tip: To finish drawing the line, double click the last point.

If you are aware of other critical infrastructure that is either serviced by the transportation system or could affect the transportation system, then use the icon below.

Other Non-Transportation Critical Assets

 ☐ Drop a Point on the Map

Description

Category:  Critical Transportation Assets

You have provided a critical transportation asset. Tell us about this asset in the survey below:

What is this transportation asset?*

- ☐ Road
- ☐ Bridge
- ☐ Roadway Culvert / Pipe
- ☐ Transit Facility
- ☐ Railroad / Rail Yard
- ☐ Airport Facility
- ☐ Port
- ☐ Lock
- ☐ Navigable Waterway
- ☐ PennDOT Building
- ☐ Maintenance/Salt Facility
- ☐ Other

Who owns this asset?*

If needed, provide any additional text description:

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Description



Category:  Critical Transportation Assets

How critical is this transportation asset?*

Is this asset identified as an evacuation route or provides a role during weather emergencies and evacuations?*

- ☐ Yes
☐ No
☐ Don't Know

Check any items that apply to this asset:

- ☐ The loss of this asset would cause significant diversion distance/time
☐ Provides access to key community facilities (e.g. schools, churches)
☐ Provides access to key industries or utilities
☐ Provides linkages to hospitals or medical facilities
☐ Provides key access to economic centers
☐ Provides multi-modal linkages for commuters

Provide any other comments describing the critical nature of this transportation asset:

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Results