



Federal Energy
Regulatory
Commission

Office of
Energy
Projects
July 2016

FERC/DEIS-270D

DRAFT ENVIRONMENTAL IMPACT STATEMENT

Volume II

NEXUS Gas Transmission Project and Texas Eastern Appalachian Lease Project



Source: State of Ohio Office of Information Technology

**NEXUS Gas Transmission, LLC
Texas Eastern Transmission, LP
DTE Gas Company
Vector Pipeline L.P.**

Docket Nos.: CP16-22-000
CP16-23-000
CP16-24-000
CP16-102-000

Federal Energy Regulatory Commission
Office of Energy Projects
Washington, DC 20426

Cooperating Agencies:



U.S. Environmental Protection Agency



U.S. Fish and Wildlife Service

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NEXUS Gas Transmission, LLC
NEXUS Gas Transmission Project
Texas Eastern Transmission, LP
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DRAFT EIS DISTRIBUTION LIST

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Federal Government Agencies

Advisory Council on Historic Preservation, Office of Federal Programs, Charlene D. Vaughn, Assistant Director for Federal Program Development, DC

Council on Environmental Quality, Edward Boling, Associate Director for NEPA Oversight, DC

Council on Environmental Quality, Manisha Patel, Deputy General Counsel, DC

U.S. Army Corps of Engineers, Buffalo District Office, Mark Scalabrino, Ohio Regulatory Chief, NY

U.S. Army Corps of Engineers, Buffalo District Office, Shawn Blohm, Regulatory Branch Manager, NY

U.S. Army Corps of Engineers, Detroit District, Regulatory Division, Project Manager, MI

U.S. Army Corps of Engineers, Huntington District, Mark Taylor, Chief of Energy Resources, WV

U.S. Army Corps of Engineers, Pittsburgh Districts, Matt Mason, Regulatory Branch, PA

U.S. Army Corps of Engineers, Pittsburgh Districts, Nancy Mullen, Regulatory Branch, PA

U.S. Army Corps of Engineers, Pittsburgh Districts, Tyler Bintrim, Regulatory Branch, PA

U.S. Army Corps of Engineers, Planning and Policy Division, John Furry, Senior Policy Advisor, DC

U.S. Bureau of Indian Affairs, Pamela Snyder-Osmun, EMS/EMAP Program Manager, VA

U.S. Bureau of Indian Affairs, Terry McClung, NEPA Coordinator, DC

U.S. Department of Agriculture, Farm Service Agency, Conservation and Environmental Program Division, Nell Fuller, National Environmental Compliance Manager, DC

U.S. Department of Agriculture, Forest Service – Ecosystem Management Coordination, Joe Carbone, Assistant Director NEPA Ecosystems Management, DC

U.S. Department of Agriculture, National Resources Conservation Service, Andree DuVarney, National Environmental Coordinator, DC

U.S. Department of Energy, Division of Natural Gas Regulatory Activities, John Anderson, Director, DC

U.S. Department of Energy, Office of Environmental Management, Mark Whitney, Principal Deputy Assistant Secretary, DC

U.S. Department of Energy, Office of NEPA Policy and Compliance, Carol M. Borgstrom, Director, DC

U.S. Environmental Protection Agency, NEPA Compliance Division, Cliff Rader, Director, DC

U.S. Environmental Protection Agency, Natural Gas STAR Program, Jerome Blackman, DC

U.S. Environmental Protection Agency, Office of Enforcement and Compliance Assurance, Cynthia Giles, Assistant Administrator, DC

U.S. Environmental Protection Agency, Office of Federal Activities, Susan E. Bromm, Director, DC

U.S. Environmental Protection Agency, Region 5, Kenneth Westlake, Chief, IL

U.S. Geological Survey, Environmental Branch, Ester Eng, Chief, VA

U.S. Department of Health and Human Services, Edward Pfister, Environmental Program Manager, DC

U.S. Department of Health and Human Services, National Center for Environmental Health, Division of Emergency and Environmental Health Services, Sharunda Buchanan, Director, GA

U.S. Department of Homeland Security, U.S. Customs and Border Protection, Christopher Oh, Branch Chief, DC

U.S. Department of Housing and Urban Development, Office of Environment and Energy, Danielle Schoop, Community Planner, DC

U.S. Department of the Interior, Bureau of Land Management, Division of Decision Support, Planning and NEPA, Kerry Rogers, Senior NEPA Specialist, DC

U.S. Department of the Interior, Bureau of Ocean Energy Management, Division of Environmental Assessment, James Bennet, Chief, VA

U.S. Department of the Interior, Bureau of Safety and Environmental Enforcement, Environmental Enforcement Division, Charles Barbee, Chief, VA

U.S. Department of the Interior, Fish and Wildlife Service, East Lansing Field Office, Burr Fisher, Fish and Wildlife Biologist, MI

U.S. Department of the Interior, Fish and Wildlife Service, East Lansing Field Office, Chris Mensing, Fish and Wildlife Biologist, MI

U.S. Department of the Interior, Fish and Wildlife Service, Michigan Field Office, Fish and Wildlife Biologist, MI

U.S. Department of the Interior, Fish and Wildlife Service, Midwest Region, Lynn Lewis, Assistant Regional Director, MN

U.S. Department of the Interior, Fish and Wildlife Service, Ohio Field Office, Angela Boyer, Endangered Species Coordinator, OH

U.S. Department of the Interior, National Park Service, Midwest Region, Mark Weekly, Deputy Regional Director, NE

U. S. Department of Justice, Environment and Natural Resources Division, Beverly Li, NEPA Coordinator DC

U.S. Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, Alexander Yuan, Foreign Affairs Officer, DC

U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Bryn Karaus, Senior Attorney, DC

U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Engineering and Research Division, Kenneth Y. Lee, Director, DC

U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Magdy El-Sibaie, Associate Administrator for Hazardous Materials Safety, DC

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- | | |
|---|--|
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Office of Pipeline Safety, Karen Lynch, National CATS Coordinator, DC | U.S. Department of Transportation, Office of Assistant Secretary for Transportation Policy, Camille Mittelholtz, Environmental Policy Team Coordinator, DC |
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Jeffrey Wiese, Associate Administrator for Pipeline Safety, DC | U.S. Department of Transportation, Office of Assistant Secretary for Transportation Policy, Helen Serassio, Senior Environmental Attorney Advisor, DC |
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Sherri Pappas, Senior Assistant Chief Counsel, DC | U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Steve Leathery, National NEPA Coordinator, DC |
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration – Eastern Regional Office, Karen Gentile, NJ | U.S. National Oceanic and Atmospheric Administration, NEPA Policy and Compliance, Steve Kokkinakis, DC |
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration, Engineering and Research Division, Kenneth Y. Lee, Director DC | U.S. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Donna Wieting, Director, Office of Protected Resources, DC |
| U.S. Department of Transportation, Surface Transportation Board, Section of Environmental Analysis, Victoria Rutson, Chief, DC | U.S. National Park Service, Environmental Planning and Compliance Branch, Patrick Walsh, Chief, CO |
| U.S. Department of Transportation, Pipeline & Hazardous Materials Safety Administration – Central Regional Office, Harold Winnie, Community Assistance and Technical Services Program Manager, MO | U.S. Senate Committee on Energy and Natural Resources, Lisa Murkowski, Chairwoman |

Federal Representatives and Senators

- | | |
|---|--|
| U.S. House of Representatives, Representative Deborah Dingell | U.S. Senate, Senator Rob Portman |
| U.S. House of Representatives, Representative Bill Johnson | U.S. Senate, Senator Debbie Stabenow |
| U.S. House of Representatives, Representative Bob Gibbs | U.S. Senate, Senator Sherrod Brown |
| U.S. House of Representatives, Representative Bob Latta | Elizabeth Thames, Deputy State Director, Office of Senator Sherrod Brown |
| U.S. House of Representatives, Representative Jim Jordan | Jeanne Wilson, Office of Senator Sherrod Brown |
| U.S. House of Representatives, Representative Jim Renacci | Sarah Lowry, Office of Senator Sherrod Brown |
| U.S. House of Representatives, Representative Tim Ryan | |
| U.S. House of Representatives, Representative Tim Walberg | |

Native American Tribes

- | | |
|---|---|
| George Blanchard, Governor, Absentee-Shawnee Tribe of Indians of Oklahoma | Bruce Sunchild, Chairman, Chippewa-Cree Indians of the Rocky Boy's Reservation |
| Joseph Blanchard, Cultural Preservation Director Tribal Historic Preservation Officer, Absentee-Shawnee Tribe of Indians of Oklahoma | John Barrett, Chairman, Citizen Potawatomi Nation |
| Edith Leoso, Tribal Historic Preservation Officer, Bad River Band of the Lake Superior Tribe of Chippewa Indians of the Bad River Reservation | Kelli Mosteller, Tribal Historic Preservation Officer, Citizen Potawatomi Nation |
| Michael Wiggins, Chairman, Bad River Band of the Lake Superior Tribe of Chippewa Indians of the Bad River Reservation | C.J. Watkins, Vice President, Delaware Nation |
| Levi Carrick, Sr., Chairman, Bay Mills Indian Community | Clifford Peacock, President, Delaware Nation |
| Paula Carrick, Tribal Historic Preservation Officer, Bay Mills Indian Community | Nekole Alligood, Cultural Preservation Director, Delaware Nation |
| Kevin Leecy, Chairman, Bois Forte Band (Nett Lake) of the Minnesota Chippewa Tribe | Tamara Francis-Fourkiller, Cultural Preservation Director, Delaware Nation |
| Rosemary Berens, Tribal Historic Preservation Officer, Bois Forte Band (Nett Lake) of the Minnesota Chippewa Tribe | Dr. Brice Obermeyer, Director, Delaware Tribe of Indians |
| Alvin Windy Boy, Tribal Historic Preservation Officer, Chippewa-Cree Indians of the Rocky Boy's Reservation | Paula Pechonick, Chief, Delaware Tribe of Indians |
| | Glenna J. Wallace, Chief, Eastern Shawnee Tribe of Oklahoma |
| | Robin Dushane, Tribal Historic Preservation Officer, Eastern Shawnee Tribe of Oklahoma |
| | Karen Driver, Chairwoman, Fond du Lac Band of the Minnesota Chippewa Tribe |
| | LeRoy Defoe, Tribal Historic Preservation Officer, Fond du Lac Band of the Minnesota Chippewa Tribe |

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Harold Frank, Chairman, Forest County Potawatomi	Rhonda Dixon, Tribal Historic Preservation Officer, Ottawa Tribe of Oklahoma
Melissa Cook, Tribal Historic Preservation Officer, Forest County Potawatomi	John P. Froman, Chief, Peoria Tribe of Indians of Oklahoma
Mary Ann Gagnon, Tribal Historic Preservation Officer, Grand Portage Band of the Minnesota Chippewa Tribe	Matthew J. Wesaw, Chairman, Pokagon Band of Potawatomi Indians
Norman Deschampe, Chairman, Grand Portage Band of the Minnesota Chippewa Tribe	Mike Zimmerman, Tribal Historic Preservation Officer, Pokagon Band of Potawatomi Indians
Derek J. Bailey, Chairperson, Grand Traverse Band of Ottawa and Chippewa Indians	Liana Onnen, Chairperson, Prairie Band of Potawatomi Nation
Kenneth Meshigaud, Chairperson, Hannahville Indian Community	Mike Jackson, President, Quechan Tribe of the Fort Yuma Indian Reservation
Chris Chosa, Tribal Historic Preservation Officer, Keweenaw Bay Indian Community	Larry Balber, Tribal Historic Preservation Officer, Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Donald Shalifoe, Sr., Ogimaa, Keweenaw Bay Indian Community	Rose Gurnoe-Soulier, Chairperson, Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Jerry Smith, Tribal Historic Preservation Officer, Lac Courte Oreilles Band of Lake Superior Chippewa Indians of Wisconsin	Floyd Jourdain, Chairperson, Red Lake Band of Chippewa Indians
Michael Isham, Jr., Chairman, Lac Courte Oreilles Band of Lake Superior Chippewa Indians of Wisconsin	William Jahnaan, Saganaw Chippewa Indian Tribe of Michigan
Melinda Young, Tribal Historic Preservation Officer, Lac du Flambeau Band of Lake Superior Chippewa Indians of the Lac du Flambeau Reservation of Wisconsin	Dennis V. Kequom, Chief, Saginaw Chippewa Indian Tribe of Michigan
Tom Maulson, President, Lac du Flambeau Band of Lake Superior Chippewa Indians of the Lac du Flambeau Reservation of Wisconsin	William Johnson, Curator, Saginaw Chippewa Indian Tribe of Michigan
Alan Shively, Chairman, Lac Vieux Desert Band of Lake Superior Chippewa Indians	Aaron Payment, Chairperson, Sault Ste. Marie Tribe of Chippewa Indians of Michigan
Giiwegiizhigookway Martin, Tribal Historic Preservation Officer, Lac Vieux Desert Band of Lake Superior Chippewa Indians	Beverly Cook, President, Seneca Nation of Indians
Carrie Jones, Chairwoman, Leech Lake Band of the Minnesota Chippewa Tribe	Maurice John, President, Seneca Nation of Indians
Gina Lemon, Tribal Historic Preservation Officer, Leech Lake Band of the Minnesota Chippewa Tribe	Melissa Bach, Tribal Historic Preservation Officer, Seneca Nation of Indians
David Sprague, Chairman, Match-e-be-nash-she-wish Band of Potawatomi Indians of Michigan	LeRoy Howard, Chief, Seneca-Cayuga Tribe of Oklahoma
Douglas Lankford, Chief, Miami Tribe of Oklahoma	Paul Barton, Tribal Historic Preservation Officer, Seneca-Cayuga Tribe of Oklahoma
George Strack, Tribal Historic Preservation Officer, Miami Tribe of Oklahoma	Kim Jumpers, Tribal Historic Preservation Officer, Shawnee Tribe
Melanie Benjamin, Chief Executive, Mille Lacs Band of the Minnesota Chippewa Tribe	Ron Sparkman, Chairperson, Shawnee Tribe
Natalie Weyaus, Tribal Historic Preservation Officer, Mille Lacs Band of the Minnesota Chippewa Tribe	Garland McGeshick, Chairman, Sokaogon Chippewa Community
Norman Deschampe, President, Minnesota Chippewa Tribe	Stuart Bearheart, Chairman, St. Croix Chippewa Indians of Wisconsin
Homer Mandoka, Chairman, Nottawaseppi Huron Band of the Potawatomi	Darwin Hill, Chief, Tonawanda Band of Seneca Indians of New York
Jeff Chivis, Tribal Historic Preservation Officer, Nottawaseppi Huron Band of the Potawatomi	Roger Hill, Chief, Tonawanda Band of Seneca Indians of New York
Ethel Cook, Chief, Ottawa Tribe of Oklahoma	Richard McCloud, Chairman, Turtle Mountain Band of Chippewa Indians of North Dakota
	Erma Vizenor, Chairman, White Earth Band of Minnesota Chippewa Tribe
	Renee Lampi, Tribal Historic Preservation Officer, White Earth Band of Minnesota Chippewa Tribe
	Billy Friend, Chief, Wyandotte Nation
	Sherri Clemons, Tribal Historic Preservation Officer, Wyandotte Nation

Appendix A

Draft EIS Distribution List

State Representatives and Senators

Michigan House of Representatives, Representative Adam Zemke
Michigan House of Representatives, Representative David Rutledge
Michigan House of Representatives, Representative Nancy Jenkins
Michigan State Senate, Senator Mike Shirkey
Michigan State Senate, Senator Rebekah Warren
Michigan State Senate, Senator Dale Zorn
Ohio House of Representatives, Representative Andy Thompson
Ohio House of Representatives, Representative Barbara Sears
Ohio House of Representatives, Representative Bill Reineke
Ohio House of Representatives, Representative Christina Hagan-Nemeth
Ohio House of Representatives, Representative Dan Ramos
Ohio House of Representatives, Representative Dave Hall
Ohio House of Representatives, Representative Jack Cera
Ohio House of Representatives, Representative Marilyn Slaby
Ohio House of Representatives, Representative Nick Barborak
Ohio House of Representatives, Representative Ron Amstutz
Ohio House of Representatives, Representative Steve Hambley

State Agencies

Michigan

Rick Snyder, Governor
Brian Calley, Lieutenant Governor
Michigan Department of Environmental Quality, Jackson District Office
Michigan Department of Natural Resources, Wildlife Division
Michigan Department of Transportation, Development Services Division

Ohio

John Kasich, Governor
Mary Taylor, Lieutenant Governor
Ohio Department of Natural Resources, Office of Real Estate, Assistant Chief
Office of Coastal Management, MPA Federal Consistency Administrator

Ohio House of Representatives, Representative Steven W. Kraus
Ohio House of Representatives, Representative Terry Boose
Ohio House of Representatives, Representative Tim Brown
Ohio House of Representatives, Representative Tim Ginter
Ohio House of Representatives, Representative Tony DeVitis
Ohio House of Representatives, Representative Steven Arndt
Ohio House of Representatives, Representative Timothy Ginter
Ohio House of Representatives, Representative Robert McColley
Ohio State Senate, Senator Cliff Hite
Ohio State Senate, Senator Frank LaRose
Ohio State Senate, Senator Gayle Manning
Ohio State Senate, Senator Joe Schiavoni
Ohio State Senate, Senator Larry Obhof
Ohio State Senate, Senator Lou Gentile
Ohio State Senate, Senator Randy Gardner
Ohio State Senate, Senator Scott Oelslager
Ohio State Senate, Senator Tom Sawyer

Statewide Coordinator, Right of Way Construction & Utility Permit
Michigan Natural Features Inventory - Michigan State Extension, Rare Species Review Specialist
Michigan Office of Historic Preservation, State Historic Preservation Officer

Ohio Department of Transportation, Utility and Railroad Program Manager
Ohio EPA - Northeast District Office
Ohio Office of Historic Preservation, Project Reviews Manager
Department Head, Ohio Turnpike Commission

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County Agencies

Michigan

Lenawee County

Board of Commissioners
County Administrator
Drain Commissioner's Office, Drain Engineer

Monroe County

Board of Commissioners
County Administrator
Monroe County Chamber of Commerce

Ohio

Belmont County

Board of Commissioners

Columbiana County

Board of Commissioners
County Engineer
LEPC - Information Coordinator

Erie County

Board of Commissioners
Auditor
Recorder
Engineer
Erie Metro Parks

Fulton County

Board of Commissioners
Administrator
Auditor
Engineer
Recorder
Sheriff
Treasurer
Health Department

Henry County

Board of Commissioners

Huron County

Board of Commissioners

Lorain County

Board of Commissioners
Administrator
Engineer
Sheriff
Metropolitan Park District

Washtenaw County

Board of Commissioners
County Administrator
Office of Community & Economic Development
Historic Preservation Planner
Water Resources Commission
Soil Erosion Control Officer

Board of Park Commissioners

Lucas County

Board of Commissioners
Administrator
Auditor
Engineer
Sheriff
Treasurer
Regional Health District President

Medina County

Board of Commissioners
Auditor
Economic Development Corporation
Engineer Department

Sandusky County

Board of Commissioners
Administrator
Engineer
Recorder

Sandusky County (*cont'd*)

Sheriff
Treasurer
Sanitary Engineer

Board of Park Commissioners

Stark County

Board of Commissioners
Administrator
County Engineer
Park District Operations Manager

Summit County

Council-At-Large

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County Engineer	Recorder
County Executive	Sheriff
Wayne County	
Board of Commissioners	Muskingum Watershed Conservancy District, Chief Engineer
Administrator	
Engineer	
Wood County	
Board of Commissioners	
Engineer	

Local Agencies

Augusta Charter Township Resident Advisory Committee	City of Brunswick, Division of Fire - Fire Chief
Blissfield Village President	City of Doylestown
Blissfield Village Clerk	City of Green Council-At-Large
Blissfield Village Treasurer	City of Green - GIS/Planner
Blissfield Village Council Trustees	City of Green, Parks & Recreation Division - Superintendent
Deerfield Village President	City of New Franklin - Council-At-Large
Deerfield Village Clerk	City of New Franklin - Law Director
Deerfield Village Treasurer	City of Oberlin - Council
Deerfield Village Council Trustees	City of Oberlin - Interim City Manager
Macon Township Supervisor	City of Waterville - Clerk of Council
Macon Township Trustees	Colerain Township - Fiscal Officer
Ogden Township Supervisor	Colerain Township Trustees
Ogden Township Trustees	East Township Trustees
Palmyra Township Supervisor	Erie MetroParks - Attorney
Palmyra Township Trustees	Florence Township Board of Trustees
Ridgeway Township Supervisor	Franklin Township Trustees
Ridgeway Township Trustees	Fulton Township Trustees
Milan Township Supervisor	Grafton Township Board of Trustees
Milan Township Trustees	Groton Township Fiscal Officer
Augusta Township Supervisor	Groton Township Board of Trustees
Augusta Township Trustees	Guilford Township Trustees
York Township Supervisor	Hanover Township Trustees
York Township Trustees	Henrietta Township Trustees
Ypsilanti Township Treasurer	Knox Township Trustees
Ypsilanti Township Trustees	Lafayette Township Board of Trustees
Amboy Township Trustees	LaGrange Township Trustees
Anthony Wayne Local Schools - Superintendent	Lake Township Trustees
Berlin Township Board of Trustees	Litchfield Township Trustees
Black Swamp Conservancy - Land Protection Specialist	Marlboro Township Trustees
Chippewa Township Trustees	Middleton Township Trustees
City of Bowling Green	Milan Township Trustees

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Milan Township - Fiscal Officer	Townsend Township Trustees
Montville Township Trustees	Troy Township Trustees
Montville Township Officials	Village of Haskins Council
New Russia Township Trustees	Village of Metamora Council
Nimishillen Township Trustees	Village of Waterville Council
Oberlin Public Utilities Commission	Village of Wellington Village Manager
Oxford Township Board of Trustees	Wadsworth Township Trustees
Pike Township Trustees	Washington Township Trustees
Pittsfield Township Trustees	Waterville Township Trustees
Providence Township Trustees	Webster Township Trustees
Riley Township Trustees	Wellington Fire District - Fire Chief
Sandusky Township Trustees	West Township Township Trustees
Sunbury Township Trustees	Woodville Township Trustees
Swanecreek Township Trustees	York Township Board of Trustees
Switzerland Township Trustees	

Libraries

Lepper Library, Lisbon, OH	Huron Public Library, Huron, OH
Monroe County Public Library, Woodsfield, OH	Sandusky Library, Sandusky, OH
St. Clairsville Public Library, St. Clairsville, OH	Wood County District Public Library, Bowling Green, OH
Columbiana Public Library, Columbiana, OH	Toledo-Lucas County Public Library - Main Library, Toledo, OH
Stark County District Library - Main Library, Canton, OH	Napoleon Public Library, Napoleon, OH
Akron-Summit County Public Library - Main Branch, Akron, OH	Wauseon Public Library, Wauseon, OH
Wayne County Public Library - Wooster Main Library, Wooster, OH	Lenawee District Library - Main Branch, Adrian, MI
Medina County District Library - Main Branch, Medina, OH	Monroe County Library System - Ellis Library Branch, Monroe, MI
Lorain Public Library System - Main Library, Lorain, OH	Ypsilanti District Library - Whittaker, Ypsilanti, MI

Newspapers and Media

Review - East Liverpool, East Liverpool, OH	Chronicle-Telegram, Elyria, OH
Canton Repository, Canton, OH	Sentinel Tribune, Bowling Green, OH
Akron Beacon Journal, Akron, OH	Toledo Blade, Toledo, OH
Daily Record - Wooster, Wooster, OH	Ann Arbor News, Ann Arbor, MI
Cleveland Plain Dealer, Cleveland, OH	Sandusky Register, Sandusky, OH
Medina Gazette, Medina, OH	

Landowners, Individuals, and Organizations/Companies

Barbara Holcomb, Adrian, MI	Cynthia Parran, Adrian, MI	Larry Saylor, Adrian, MI
Carey Wood, Adrian, MI	Dave Craig, Lenawee County Road Commission, Adrian, MI	Mary Alice Naour, Adrian, MI
Cindy Ladd, Lenawee County Road Commission, Adrian, MI	John Velner, Adrian, MI	Patricia Horn, Adrian, MI
Conrad J. Moden, Adrian, MI	Joseph Brezvai, Lenawee County Drain Commission, Adrian, MI	Tim Robinson, Lenawee Now, Adrian, MI

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O. Ganun, L.L.C., Adrian, MI	Paula Uche, Ann Arbor, MI	Nicole A. Shelton, Belleville, MI
The Horn Family Living Trust, Adrian, MI	R. Ward Bissell, Ann Arbor, MI	Robert K. & Sharon Y. Goodin, Belleville, MI
The Rosann K. Moden Revocable Trust, Adrian, MI	Rachel Meadows, Mello Properties, Ann Arbor, MI	Sarah McDonalds, Belleville, MI
Michael & Joanne Cromley, Afton, MI	Rama Paruchuri, Ann Arbor, MI	Shirley Ann Collins, Belleville, MI
John Beaty, Akron, MI	Richard Frazin, Ann Arbor, MI	Pinters Flowerland Inc., Belleville, MI
Kathleen Stephenson, Allegan, MI	Richard Han, Ann Arbor, MI	The Estate of Ethel Pinter, Deceased, Belleville, MI
Resident, Allen Park, MI	Roth Woods, Ann Arbor, MI	DTE GAS COMPANY, Bellville, MI
Vince Tyszka, Allen Park, MI	Ruth Mohr, Ann Arbor, MI	Janine Barringer, Bentley, MI
William J. Provenzano, Allen Park, MI	Scott Miller, Washtenaw Office of Water Resources Commissioner, Ann Arbor, MI	Darlene Byrd, Berlin, MI
Jean Willick, Alpena, MI	Sue Parsell, Ann Arbor, MI	Virginia L Latimer, Beverly Hills, MI
Kathy Dunham, Alpena, MI	Thomas & Kristin Nowatzke, Ann Arbor, MI	Chad Fordham, Big Rapids, MI
Heidi Gustafson, Alto, MI	Thomas Miskovsky, Ann Arbor, MI	Kirsten Johnson, Big Rapids, MI
Intervest Properties Inc., Ann Arbor, MI	Vasudevan Lakshminarayanan, Ann Arbor, MI	Carl Grenadier, Bingham Farms, MI
A. Mervyn & Marilyn Carse, Ann Arbor, MI	The Beverly Alexander Trust, Ann Arbor, MI	Marguerite Polidori, Bingham Farms, MI
Abraham Kayne, Ann Arbor, MI	Washtenaw County Road Commission, Ann Arbor, MI	Kathrina Spyridakis, Birmingham, MI
Adam Williams, Ann Arbor, MI	Washtenaw County Treasurer, Ann Arbor, MI	Philip Melcher, Birmingham, MI
Amanda Salvner, Ann Arbor, MI	Yvonne Brown, Armada, MI	FPC Investment Company, LLC, Birmingham, MI
Angela Bumpus, Ann Arbor, MI	Chris Kimar, Au Train, MI	Albert R. & Elsie Gentz, Blissfield, MI
Annabelle Herrada, Ann Arbor, MI	Italia Millan, Auburn Hills, MI	Amy Schmidt, Blissfield, MI
Brian K. Tasker, Ann Arbor, MI	Sandra Grey, Bancroft, MI	Bailey Cassandra Ott, Blissfield, MI
Carol Johannes, Ann Arbor, MI	Ed Powers, Bath, MI	Carma A. Marks, Blissfield, MI
Cheryl Darnton, Ann Arbor, MI	Julia Villars, Bath, MI	Charles F. & Lynette S. Lievens, Blissfield, MI
Colette Slade, Ann Arbor, MI	Harold Nemecheck, Battle Creek, MI	Christopher L. & Pauline J. Bates, Blissfield, MI
Cynthia Edwards, Ann Arbor, MI	Joanne Lowery, Battle Creek, MI	Claudia R. Carpenter, Blissfield, MI
Daniel McCarter, Ann Arbor, MI	John Korstange, Battle Creek, MI	Craig R. & Karla K. Fisher, Blissfield, MI
David Stone, Ann Arbor, MI	Vicki Dickinson, Battle Creek, MI	David L. & Sandra Porter, Blissfield, MI
Donald C. Smith Jr. & Basil C. Babcock, The Stacie Lynn Smith Trust, Ann Arbor, MI	Carol Doty, Belding, MI	David N. Iffland, Blissfield, MI
Harriet Hancock, Ann Arbor, MI	A. McGarry, Belleville, MI	Dean R. & Kristy L. Suiter, Blissfield, MI
Isabell Kler, Ann Arbor, MI	Adam D. Woolf, Belleville, MI	Donald L. & Candace Fritz, Blissfield, MI
Jeffrey Jones, Ann Arbor, MI	David & Beverly J. Lundell, Belleville, MI	Donald V. & Mabel I. Isley, Blissfield, MI
Jim Schultz, Ann Arbor, MI	George C. Singleton, Belleville, MI	Duane V. Isley, Blissfield, MI
John M. & Beverly Alexander, Life Estate, Ann Arbor, MI	Harold E. Thomas, III, Belleville, MI	Gary L. & Beverly A. Koppelman, Blissfield, MI
John Posegay, Washtenaw County Road Commission, Ann Arbor, MI	Harry & Ethel Pinter, Belleville, MI	Geraldine N. Drefke, Blissfield, MI
Kristen Bauman, Ann Arbor, MI	Heather Hale, Belleville, MI	Jason D. & Audrey K. Wegner, Blissfield, MI
Linda Taite, Ann Arbor, MI	Kay Brainerd, Belleville, MI	Jeffrey E. & Linda Ehlert, Blissfield, MI
Nancy Witter, Ann Arbor, MI	Lawrence Gallo, Belleville, MI	
Ned Rollins, Ann Arbor, MI		
Patrick L. O'Harris, Ann Arbor, MI		

Appendix A Draft EIS Distribution List

Jerry Marlatt, Blissfield, MI	The Paul T Vergote, Jr & Diana M Vergote Living Trusts, Blissfield, MI	Robert B. Maschino, Britton, MI
Joseph Gerten, Blissfield, MI	The Porter Family Limited Partnership, Blissfield, MI	Ronald Frank & Michelle Benham, Britton, MI
Joshua D. Iffland, Blissfield, MI	The Porter Trust, Blissfield, MI	Thomas A. & Sherri L. Wielfaert, Britton, MI
Keith A. & Dorothy J. Smith, Life Estate, Blissfield, MI	The Robert L. Goetz Revocable Trust, Blissfield, MI	Donald C. Dickerson and Charlene D. Dickerson Trust, Britton, MI
Keith A. Krause, Blissfield, MI	The Robert L. Goetz Revocable Trust, Blissfield, MI	KSNJ Family LTD Partnership, Britton, MI
Kerwin S. & Mary Ann Leader, Blissfield, MI	Carol Hayford, Bloomfield Hills, MI	Prielipp Farms, Britton, MI
Michael D. & Jacqueline S. VanLooche, Blissfield, MI	David Watson, Bloomfield Hills, MI	The Anthony and Stella M. Ivan Revocable Trust, Britton, MI
Paul Friess, Blissfield, MI	Julia Berman, Bloomfield Hills, MI	The Helen S. Wielfaert-Korb Trust, Britton, MI
Paul J. & Sharon M. Wingerd, Blissfield, MI	Mary V. Ensroth, Bloomfield Hills, MI	The Kenneth W. & Cassandra D. Kormos Trust, Remainderman, Britton, MI
Ray Emrick, Blissfield, MI	Grove Road, LLC, Bloomfield Hills, MI	The L J Ivan Limited Partnership, Britton, MI
Raymond R. DeNudt, Blissfield, MI	Laura S Tilds, Boloomfield Hills, MI	The Virginia B. Shaw Trust, Britton, MI
Ronald A. & Dianne F. Gentz, Blissfield, MI	Michael O'Brien, Boyne City, MI	John Michael Timms, Brooklyn, MI
Ronald A. Gentz & Dianne F. Gentz, The Ronald A. Gentz & Dianne F. Gentz Living Trust, Blissfield, MI	Abigail Clark, Brighton, MI	Gatha Pierucka, Burr Oak, MI
Shawn M. & Andrea R. Milner, Blissfield, MI	Cathleen Lamerton, Brighton, MI	Joan Wascha, Burton, MI
Timothy P. Vergote, Blissfield, MI	Diana M. Rodgers, Brighton, MI	Tim Shorkey, , Burton, MI
Clement Farms, LLC, Blissfield, MI	Kim A. Simecek, Remainderman, Brighton, MI	Tara Conaway, Byron Center, MI
J & K Goetz, LLC, Blissfield, MI	Lorne Beatty, Brighton, MI	Dan Valley, Cadillac, MI
Knoblauch Farm Enterprises, Blissfield, MI	Michael Vogel, Brighton, MI	Anne Throop, Caledonia, MI
Norris Klump Farms, Inc., Blissfield, MI	Pascal Bui, MDOT - Washtenaw, Brighton, MI	Donald Garlit, Canton, MI
The Brubaker Family Trust, Blissfield, MI	Catherine M. Wielfaert, Life Estate, Britton, MI	Frank & Elizabeth Okolo, Canton, MI
The Bruce C. Porter Trust, Blissfield, MI	Daniel J. Prielipp, Britton, MI	Gary D. Voiles, Remainderman, Canton, MI
The Burgermeister Living Trust, Blissfield, MI	Hugh M. & P. Gwen Patterson, Britton, MI	John Martin, Canton, MI
The Burton Saylor Trust, Blissfield, MI	Irene Prielipp, Britton, MI	Liana Heath, Cassopolis, MI
The David N. Iffland Living Trust, Blissfield, MI	Jeffrey T. & Rita L. Judkins, Britton, MI	Marilyn Raffaele, Cedar, MI
The Frank and Mary Novak Trust, Blissfield, MI	John Mulcahy, Britton, MI	Terri DeFilippo, Cedar, MI
The James B. Warner Living Trust, Blissfield, MI	Joyce L. McWilliams, Britton, MI	Larry K. & Carol A. Wright, Cement City, MI
The Keith A. and Dorothy J. Smith Living Trust, Blissfield, MI	Kenneth W. & Cassandra D. Kormos, Life Estate, The Kenneth W. & Cassandra D. Kormos Trust, Remainderman, Britton, MI	William Gardner, Central Lake, MI
The Margaret M. Neuman Trust, Blissfield, MI	Louis A. Jr. & Thelma L. Prielipp, Britton, MI	Annelissa Gray-Lion, Chelsea, MI
The Marvin L. Sell Trus, Blissfield, MI	Mark Graves, Britton, MI	Brittany Campbell, Chelsea, MI
The Norris J. Klump Living Trust, Blissfield, MI	Mark S. Prielipp, Britton, MI	David Gilbert, Chelsea, MI
	Paul F. & Teresa M. Kniffen, Britton, MI	Eric Campbell, Chelsea, MI
	Paul J. & Laurie A. Wielfaert, Britton, MI	Jan Starr, Chelsea, MI
	Pauline Prielipp, Britton, MI	Patricia Mullaly, Chelsea, MI
		Richard Blake, Chelsea, MI
		Sandie Schulze, Chelsea, MI

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The Ann M. Sweet Revocable Trust Agreement, Chelsea, MI	Deborah L. Mroz, Remainderman, Dearborn Heights, MI	J Bahr, East Jordan, MI
Jan Ebersole, Chesterfield, MI	Ferrel D. & Nancy C. Voiles, Dearborn Heights, MI	Barbara Thibeault, East Lansing, MI
Ann FitzGerald, Clare, MI	Gloria LaFleur, Dearborn Heights, MI	James F. Niblock, East Lansing, MI
Tyler Heard, Clare, MI	Karen Kramarz, Dearborn Heights, MI	Janice Szur, East Lansing, MI
Clinton Roche, Clarkston, MI	The Verginio Persicone Revocable Trust, Dearborn Heights, MI	Jeffrey R. & Katherine Slabaugh, East Lansing, MI
Ege Family, Ege Family, LLC, Clarkston, MI	Jon R. Gobba, Remainderman, Deerfield, MI	John D. Grolle, East Lansing, MI
Jeffrey Fast, Clarkston, MI	Michael J. Dusseau, Deerfield, MI	Joyce Bartels, East Lansing, MI
Norman & R. Elaine Schmelzer, Clarkston, MI	Randy J. Dusseau, Deerfield, MI	Lauren Korte, East Lansing, MI
Stephanie Friedl, Clarkston, MI	Richard & Shirley Gobba, Life Estate, Deerfield, MI	Maria Dellacorte, East Lansing, MI
Jaclyn McClain, Clawson, MI	Scott & Kris Dusseau, Deerfield, MI	Robert Wasserman, East Lansing, MI
Rivergrove Village Condominiums, Clawson, MI	The Alan J. Schmidt Living Trust, Deerfield, MI	Steven Sy, East Lansing, MI
Carol Stoodly, Clay, MI	The Fischer Family Living Trust, Deerfield, MI	Thomas Kaplan, East Lansing, MI
The Robert D. Beagle Living Trust, Clayton, MI	Andrew Baron, Detroit, MI	William Arnold, East Lansing, MI
The Kathy Szabo Schoen Revocable Trust Agmt #1, Climax, MI	Charles Stonewall Potts, Detroit, MI	Vern D Weller, East Tawas, MI
Donald E. Sullivan, REMAINDERMAN, Clinton, MI	Claude Jones, Detroit, MI	Anthony Tweedale, Eastpointe, MI
Kathryn Mary Stahl, Clinton, MI	Daniel Ferrier, Detroit, MI	Darrel Harris, Eastpointe, MI
Lawrence Purtzenski, Clinton, MI	Danita Echols, Detroit, MI	John Rokas, Eastpointe, MI
Dave May, Clinton Township, MI	Ginny King, Detroit, MI	Sheila Larkins, Eastpointe, MI
Mark Peltan, Clinton Township, MI	Ilene Kazak, Detroit, MI	Nancy Belanger-Iott, Eaton Rapids, MI
Dorothy Neff, Coleman, MI	Ja'Meka Armstrong, Detroit, MI	Peter N. Thompson, Eaton Rapids, MI
Carolyn Rowlson, Commerce Township, MI	Kendal Kuneman, Detroit, MI	M & W Seeds Inc., Eaton Rapids, MI
Lana Markulicz, Commerce Township, MI	Kevin Rashid, Detroit, MI	Kristen Howard, Ellsworth, MI
Greg Collins, Coopersville, MI	Michelle Bradford, Detroit, MI	Ted Gilmer, Empire, MI
Resident, Cottrellville, MI	Naim Edwards, Detroit, MI	Sarah Flum, Escanaba, MI
Debbie Roth, Davison, MI	Noah Link, Detroit, MI	Pamela Schaberg, Essexville, MI
Streamco, Inc., Dearborn, MI	Detroit Edison Co. Inc, Detroit, MI	Heidi Zulderveen, Falmouth, MI
D Haltom, Dearborn, MI	Detroit Edison Company, Detroit, MI	Claudia Pisani, Farmington Hills, MI
Dennis Kranich, Dearborn, MI	DTE Electric Company, FKA Detroit Edison Company, Detroit, MI	Daniel Watterson, Farmington Hills, MI
Joseph P. Popp, Dearborn, MI	DTE Gas Company, Detroit, MI	Ellen Stern, Farmington Hills, MI
Liela Abass, Dearborn, MI	RACER Properties, LLC, Detroit, MI	Eloise Hirlmann, Farmington Hills, MI
Lisa Zalenski, Dearborn, MI	Mark Dietrich, Dewitt, MI	Marcella Warner, Farmington Hills, MI
Randy Ankenbauer, Ford Motor Company, Dearborn, MI	Beth Balogh, Dexter, MI	Martin & Sharon McGladdery, Farmington Hills, MI
Steve Schroeder, Dearborn, MI	Ross Rhizal, Dexter, MI	Maureen Hicks, Farmington Hills, MI
Susan Sullivan, Dearborn, MI	Rick Bringham, Douglas, MI	Peggy Malnati, Farmington Hills, MI
Tony Desantis, Dearborn, MI	Polly Ann Judd, Dowagiac, MI	Sid Moss, MM Augusta Woods, LLC, Farmington Hills, MI
Brian Dalton, Dearborn Heights, MI	Ray A. & Janice V. Russell, The Ray A. Russell & Janice V. Russell Trust, Dundee, MI	Crescent Hills Associates, LLC, Farmington Hills, MI
		Christine Mathews, Fenton, MI
		Lon Herman, Ferndale, MI
		Meredith Begin, Ferndale, MI
		Veronica Hayes, Ferndale, MI

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Lori Lyles, Flint, MI	Karen Whitt, Gregory, MI	Jan Chepeska, Howell, MI
Sasikala Vemilapalli, Flint, MI	Virginia Cook, Gregory, MI	Karen S. Bird, REMAINDERMAN, Howell, MI
Marie Leven, Flushing, MI	Carol Costello, Grosse Ile, MI	Karline Rousseau, Howell, MI
Robert Klein, Flushing, MI	Daly Carpenter, Grosse Ile, MI	Lawrence D. Hammond and Beverly A. Hammond, The Lawrence D. & Beverly A. Hammond Trust, Howell, MI
Ken Meinhardt, Fort Gratiot, MI	Jennie deBeausset, Grosse Ile, MI	Timothy Walter, Panhandle Eastern Pipe Line Company, a Delaware Corporation, Howell, MI
Jill Budzynski, Fountain, MI	Richard Booth, Grosse Ile, MI	Charles E. Sullivan, Life Estate, Howell, MI
Bobby Belknap, Frankfort, MI	Theresa Hoffman, Grosse Ile, MI	Ron Cober, Ira, MI
Sarah Campbell, Frankfort, MI	Lydia Levinson, Grosse Point Park, MI	Michael Bellmore, Iron Mountain, MI
William Gittlen, Frankfort, MI	Timothy Schacht, Grosse Point Park, MI	Peggy Moody, Iron Mountain, MI
Harold Smith, Freeland, MI	William Cox, Grosse Pointe, MI	Joan Kendall-Rozman, Iron River, MI
Jeff Wiesner, Garden City, MI	Michael Zeller, Grosse Pointe Farms, MI	Grace Strong, Ironwood, MI
Dianne Yonan, Gaylord, MI	Ann L. Parker, Grosse Pointe Park, MI	Dave Cross, Jackson, MI
Jeffrey A. & Lynne Ellen Smetzer, Gaylord, MI	Gary Boyer, Hamtramck, MI	Jared Boll, MDOT (Lenawee), Jackson, MI
Dawn Bartok, Gibraltar, MI	Paula Oye, Hancock, MI	Karla Hair, Jackson, MI
Kaylee Moore, Gibraltar, MI	Ronald K. Studer Trust, Hancock, MI	Kathy David, MDEQ Water Resources Division, Jackson, MI
Christopher Williams, Gobles, MI	Pat Lauth, Harbert, MI	CONSUMERS POWER COMPANY, Jackson, MI
Bonnie Hill, Grand Blanc, MI	Jack Pierce, Harbor Springs, MI	The Estate of Beverly Meyers, Deceased, Jackson, MI
Carole Pappas, Grand Blanc, MI	Marie Roth, Harrison, MI	Consumers ENERGY Company, Jackson, MI
Resident, Grand Blanc, MI	Corinne Jankowski, Harrison Township, MI	Gene & Elaine Winzeler, The Gene W. and Elaine L. Winzeler Trust, Jasper, MI
Richard Sparkes, Grand Blanc, MI	John Martich, Harrison Township, MI	Patrick & April Northcott, Jasper, MI
Virginia Cowie, Grand Blanc, MI	Kirk Bails, Harrison Township, MI	Laurie K. Jipping, Jenison, MI
Merrill Fisher, Grand Haven, MI	Mario Maraldo, Harrison Township, MI	Martha Ruesink, Jerome, MI
Robert Allen, Grand Haven, MI	Arthur Thomas, Harrisville, MI	Any Sayles, Kalamazoo, MI
Delores Reynolds, Grand Junction, MI	Robert Kennedy, Harrisville, MI	Ashley Yonker, Kalamazoo, MI
Al Calderon, Grand Rapids, MI	Paula Hutts, Hartland, MI	Barbara Toshalis, Kalamazoo, MI
Cheryl Johnson, Grand Rapids, MI	Kimberly L. Savage, Esq., Savage Law PLC, Haslett, MI	David Claflin Sr., Kalamazoo, MI
Cyndee Kott, Grand Rapids, MI	Rod McComber, Haslett, MI	David Graube, Kalamazoo, MI
David Peshlakai, Grand Rapids, MI	William & Norma Blair, Hastings, MI	Jean DeMott, Kalamazoo, MI
Glenn Freeman, Grand Rapids, MI	Jean Tittle, Hickory Corners, MI	Jonna Johnson, Kalamazoo, MI
Jerry Soper, Grand Rapids, MI	John L. Gwizdala, Highland, MI	Karen Derhammer Schuur, Kalamazoo, MI
Maria Miller, Grand Rapids, MI	Lois Spiter, Highland, MI	Ken Shuster, Kalamazoo, MI
Marijean Williams, Grand Rapids, MI	Carol McGeehan, Holland, MI	Lyda Stillwell, Kalamazoo, MI
Marilyn J. Wells, Grand Rapids, MI	John K Erskine, Holland, MI	Michael Tenenbaum, Kalamazoo, MI
Marthea Jager, Grand Rapids, MI	Karen LaBarge, Holland, MI	
Matt Burns, Grand Rapids, MI	Jane Webber, Holly, MI	
Ramon Trumbull, Grand Rapids, MI	Sally Barnhart, Horton, MI	
Robert & Mary Swain, Grand Rapids, MI	Brice Grunert, Houghton, MI	
Scott Graham, Grand Rapids, MI	Margery Drake, Houghton, MI	
Terry Koslek, Grand Rapids, MI	Barry John & Karen Lee Roeder, Houghton Lake, MI	
Rosetta Strange Evans, Grass Lake, MI	Arlene Schindler, Howell, MI	
The Estate of Larry Evans, Grass Lake, MI	Hugh Gurney, Howell, MI	

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Monica Evans, Kalamazoo, MI	Robert Aguirre, Linden, MI	Dennis Whipple, Mesick, MI
Nancy Baker, Kalamazoo, MI	Donna Boris, Livonia, MI	Sheila Morway, Middleville, MI
Rosalie Novara, Kalamazoo, MI	Jerome Miller, Livonia, MI	Bradford Bush, Midland, MI
Steven Yankoviak, Kalamazoo, MI	Kara Norman, Livonia, MI	Sarah Galt, Midland, MI
Thomas Lopez, Kalamazoo, MI	Margaret Bobicz, Livonia, MI	Bernard A. & Jean K. Miller, Milan, MI
Kathy Vigh, Kentwood, MI	Nick Mouzourakis, Livonia, MI	Bradley S. Yannone, Milan, MI
Kay Steiner, Kentwood, MI	Patricia Lindsay, Livonia, MI	Charles E. & Jean A. Shearer, Milan, MI
Heather Hewett, Kewadin, MI	Robert F. Smith, Vector Pipeline L.P., Livonia, MI	Charlie Haddad, Milan, MI
William D. & Phyllis E. Briggs, Kewadin, MI	Jeffery Morgenthaler, Lowell, MI	Clarence A. & Joan E. Meads, The Clarence A. & Joan E. Meads Trust with Life Estate, Milan, MI
Elizabeth Koller, Kingsford, MI	K. Sneden, Lowell, MI	Clyde & Linda Cislo, Milan, MI
James H. Perry, James H. Perry Family Trust, La Sallie, MI	Gail J. Mistiatis, Luna Pier, MI	David W. Hessler, Milan, MI
Maxxcell Higdon, Lake Orion, MI	Dianne Rice, Macomb, MI	Dawn Kanitz, Life Estate, Milan, MI
Ann Hunt, Lake Station, MI	Gary Purcell, Macomb, MI	Dawn M. Spack, Milan, MI
Ann Breznai, Lambertville, MI	Mary Ann Kalamarz, Macomb, MI	Dennis M. & Dianna L. Bennett, Milan, MI
Robert Maki, Lanse, MI	Industrial Associates, LLC, Macomb, MI	Douglas A. & Leslie A. Hoffman, Milan, MI
Brent Brettrager, Lansing, MI	Carol Gilchrist, Madison Heights, MI	Duth Nie, Milan, MI
David Dunn, Lansing, MI	Catherine Roberts, Manchester, MI	Gary C. Brown, Marble Park Cemetery Association, Milan, MI
Geno Alessandrini, Sr., Michigan Laborers' District Council, Lansing, MI	Claudia Damian, Manchester, MI	Gary Mayher, Milan, MI
James Slider, Lansing, MI	George F. Wilbur, Pittman Road Properties, LLC, Manchester, MI	George W. & Bethany L. McCalla, Milan, MI
Michael Casler, Lansing, MI	Lorraine Coburn, Manchester, MI	Georgios P. Stergiadis, Milan, MI
Nancy Shiffler, Sierra Club Michigan Chapter, Lansing, MI	Trudi Cooper, Manchester, MI	Gerald D. and Debra L. Feeman, Milan, MI
Raymond Ziarno, Lansing, MI	Jim Toczynski, Manistee, MI	Gerald Lee & Cheryl Shillair- Smith, Milan, MI
Steve Arwood, Michigan Economic Development Corporation, Lansing, MI	Loree Stinson, Manistee, MI	Heather M. Bohnett, Milan, MI
Timothy Hagerman, Lansing, MI	Eva Vigo, Marquette, MI	Jack Butler, The Jack D. & Margaret L. Butler Living Trust, Milan, MI
Valerie Brader, Michigan Agency for Energy, Lansing, MI	Kathleen Davis, Marquette, MI	James & Karen Bolz, Milan, MI
William Drescher, Lansing, MI	Kim Spencer, Marquette, MI	James L. & Donna C. Carver, The James L. Carver & Donna C. Carver Revocable Living Trust, Milan, MI
William Stelzr, Hanover Pipeline Company, Lansing, MI	Ruth Schaut, Marquette, MI	James R. and Marilyn J. Onago, Milan, MI
State of Michigan, Lansing, MI	Steven Niebuhr, Marquette, MI	Jeremy & Tammy Endicott, Milan, MI
Jeann Saltzman, Lapeer, MI	Jeanne Mackay, Marysville, MI	Joan Marie Zornow, Milan, MI
Elaine A. & Patrick H. Gibson, Lathrup Village, MI	Jay Doyle, Entrust Great Lakes LLC. FBO Hansen Kyle Lilly IRA #80525, Mason, MI	John B. & Trudy K. Broadhurst, Milan, MI
Thomas Bobitz, The Earl E. Bobitz Revocable Living Trust, Lathrup Village, MI	The Douglas E. and Helen L. Darling Revocable Trust, Maybee, MI	John H. & Clara G. Neckel, Milan, MI
Rita Bober, Lawton, MI	Maria Benoit, Mayville, MI	Keith A. Simecek, Life Estate, Milan, MI
Sharon Widigan, Lennon, MI	Faye Donnelly, Mc Bain, MI	
Leslie Edwards, Leslie, MI	Carrie Rozeveld, McBain, MI	
Patti Weinlander Shafer, Leslie, MI	Shawna Baas, McBain, MI	
	Earnest Humphrey, Mecosta, MI	
	Linda Travis, Mecosta, MI	
	Richard Smith, Melvindale, MI	

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Kenneth & Rhonda Hall, Milan, MI	Thomas W. & Sandra S. Behrmann, Milan, MI	E. James Nedeau, Muskegon, MI
Kenneth J. & Martha S. Brown, Milan, MI	Tonya Rose Ruth Gruden, Milan, MI	Bill Childs, National City, MI
Kenneth R. Stuart, Milan, MI	Barry L. Talladay Trust, Milan, MI	Mary Germain, Nazareth, MI
Kimberly K. Estes, Milan, MI	Daniel J. Shedd, LLC, Milan, MI	Maria Anne Wagtmann, Negaunee, MI
Larry Roome, Milan, MI	Joseph P. Porter and Myrna I. Porter Revocable Living Trust, Milan, MI	Mark A. Biggans, New Baltimore, MI
Leslie J. Hosler, Milan, MI	The Gwendolyn Kanitz Trust, Milan, MI	Great Lakes Farm Properties, LLC, New Boston, MI
Lewis O. & Dorothy J. Kempfer, Jr., Milan, MI	The Heath Investment Trust, Milan, MI	Jones & Jones Leasing Company, New Boston, MI
Mark G. Sweet, Milan, MI	The Judith Ducharme Trust, Milan, MI	Bobby Afton, Newaygo, MI
Marvin K. Wynn, Milan, MI	The Mary C. Talladay Trust, Milan, MI	Barbara Kantola, Niles, MI
Mary C. Talladay, Mary C. Talladay Trust, Milan, MI	The Paul W. Emerson and Joyce A. Emerson Revocable Trust, Milan, MI	Bob Conway, Niles, MI
Mary Kerkes, Milan, MI	The Robert L. Stuart Trust, Milan, MI	Carlotta Ripley, Niles, MI
Matt & Sharon Gruden, Jr., Milan, MI	The Ruth A. Kiger Revocable Trust, Milan, MI	William Cagle, Niles, MI
Matthew Byrd, Milan, MI	The Selter Family Living Trust, Milan, MI	Rebecca Takacs, ITC Holdings, Nori, MI
Michael & Maria Woods, Milan, MI	The Sharon J. Thatcher Trust, Milan, MI	Anne Pavlic, Northville, MI
Michael J. & Brenda A. Schettenhelm, Milan, MI	The Vincent Palmieri and Pamela Palmieri Revocable Trust, Milan, MI	Linda Mulder, Northville, MI
Nancy A. Dailey, Milan, MI	Township of Milan a/k/a Rice Cemetery, Milan, MI	Ron Chelland, Norton Shores, MI
Paul W. & Joyce A. Emerson, Life Estate, Milan, MI	Chris Conley, DTE Energy, Milford, MI	Perfect Appearance, LLC, Novi, MI
Philip & Emily Bowerman, Philip & Emily M. Bowerman Trust, Milan, MI	Katherine Wright, Milford, MI	Doug Motely, ITC Holdings Corp, Novi, MI
Renee Gregory, Milan, MI	Shabbir & Shabnam Khambati, Ambassador Drive III, LLC, Milford, MI	Fernando Guevara, International Transmission Company, Novi, MI
Richard L. & Joyce A. Vershum, Milan, MI	Charles Brumleve, Mohawk, MI	Jo Ann Abate, Novi, MI
Richard Theodore & Dawn Marie Zornow, Milan, MI	Barry A. Buschmann, P.E., Mannik Smith Group, Monroe, MI	ITC Holdings Merger Sub, Inc., Novi, MI
Robert L. & Kathryn E. Viets, Jr., Milan, MI	Chris Stanley, Monroe County Road Commission, Monroe, MI	Doris Aplebaum, Oak Park, MI
Robert L. Stuart, Milan, MI	Donna Richileau, Monroe Co. Road Commission, Monroe, MI	Frederic Peiss, Oak Park, MI
Robert L. Studnicka, Milan, MI	Douglas Link, Monroe County Drain Commission, Monroe, MI	Leah Cohen-Belknap, Oak Park, MI
Robert T. & Connie L. Schrock, Milan, MI	Peggy L. Behrendt, Monroe, MI	Michele Reynolds, Oak Park, MI
Roger Lee Stuart, Milan, MI	Sue Balk, Monroe, MI	Heidi Peters, Oakland, MI
Ronald & Susan Bies, Milan, MI	Ted Stojak, Montague, MI	Anne Horn, Okemos, MI
Rose Marie Bogi, Milan, MI	Antoinette Ten Brink, Mount Clemens, MI	David & Bonnie Reicosky, Trustees, David & Bonnie G W Reicosky Trust, Okemos, MI
Russel M. Wilsey, Life Estate, Milan, MI	William C Vohwinkle, Mount Morris, MI	Josephine Wojtowicz, Okemos, MI
Sally J. Clark, Milan, MI	Stephen Scherer, Mount Pleasant, MI	Peter Sakura, Okemos, MI
Scott C. & Jenny A. Heath, Milan, MI	Marie Kopin, Mt Pleasant, MI	Timothy Connors, Onaway, MI
Sharon L. Talladay, Milan, MI		Diana Duffy, Oscoda, MI
Steven J. Bohnett, Milan, MI		Paul Wohlfarth, Ottawa Lake, MI
Susan E. Cook, Milan, MI		Iffland Farms, LLC, Ottawa Lake, MI
		Daniel R. & Tracy L. Stubli, Palmyra, MI
		James J. & Laurie J. Isley, Remainderman, Palmyra, MI

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Kay C. Fisher, Palmyra, MI	Chris & Karen Byrd, Plymouth, MI	Elaine Collins, Saint Clair Shores, MI
Lambert M. & Annette L. LaVoy, Palmyra, MI	Ross Anderson, Plymouth, MI	Jean Bails, Saint Clair Shores, MI
Lawrence E. Pixley, II, Palmyra, MI	William Hulme, Plymouth, MI	James Carrell, Saint Helen, MI
Melvin E. & Patricia Wahl, Melvin E. Wahl and Patricia Joint Revocable Living Trust, Palmyra, MI	Don Doolittle, Pontiac, MI	Gretta VanBree, Saint Joseph, MI
Robert D. & Mary Lou Fisher, Palmyra, MI	Dorothy Delehanty, Pontiac, MI	Aaron Rogers, Saline, MI
Judson Farms, LLC., Palmyra, MI	Elaine Felts, Pontiac, MI	Alan L. Arndt, Saline, MI
Lawrence W. & Kay C. Fisher Income Trust, Palmyra, MI	Tracey Kilburn, Pontiac, MI	Betty L. Walker, Saline, MI
Sunrise Farms, Inc., Term Certain Interest, Palmyra, MI	Charles J. Knowlton, Knowlton Distributors, Port Huron, MI	Charles & Netia L. Haydon, Saline, MI
The Estate of Lawrence W. Fisher, Palmyra, MI	John Gobel, Port Huron, MI	Jeffrey and Larry Smith, Saline, MI
The John A. Marks Living Trust, Palmyra, MI	Mark M Morden, Port Huron, MI	Jon A. Arndt, Saline, MI
The Merlin D. Wahl & Janette R. Wahl Trust, Palmyra, MI	CBL Development LLC, Portage, MI	Kara Thornton, Saline, MI
Sharon Klotz, Parma, MI	John Willson, Portage, MI	Kathleen B. Blake, Saline, MI
Brian M Smith, Paw Paw, MI	Karl Fugate, Portage, MI	Matthew K. & Angela M. Kimerer, Saline, MI
Craig Owen, Paw Paw, MI	Theresa Lockhart, Portage, MI	Richard J. Arndt, Saline, MI
John Christopher, Paw Paw, MI	William Wilson, Portage, MI	Robert Tinker, Saline, MI
Amanda Ehrnst, Pellston, MI	Gianine Casassa, Rapid City, MI	The Howard F. Braun Living Trust, Saline, MI
James Plotts, D&P Communication, Petersburg, MI	Christopher Raupp, Redford, MI	The Kelven G. Braun Living Trust, Saline, MI
Mark Hoover, Petersburg, MI	Georgiana Guziatek, Redford, MI	George Salas, Sr., Samaria, MI
Sharon Blankenship, Petersburg, MI	Kristin Wal, Redford, MI	The Malburg Family Living Trust, Sand Creek, MI
Terry Iott, Petersburg, MI	Paul Jameson, Redford, MI	Nathan Galbreath, Saranac, MI
The Kay A. Dailey Trust, Petersburg, MI	Stella Guziatek, Redford, MI	Marilyn Anderson, Schoolcraft, MI
Bob Vance, Petoskey, MI	Tanya Jackson, Redford, MI	Yolanda Mitts, Scotts, MI
JoEllen Rudolph, Petoskey, MI	Janice Hanninen, Republic, MI	Mary Gibbons, Shelby Township, MI
Lindsey Walker, Petoskey, MI	Gloria Zimny, Richmond, MI	Patricia Bitel, Shelby township, MI
Lorraine Jung, Petoskey, MI	Judith Woelke, Riverview, MI	Sylvia Graham, Shelby Township, MI
Toni Neill, Petoskey, MI	Claudia Peters, Rochester, MI	Patrick & Jody Prestine, Shouth Boardman, MI
David Klingel, Pinckney, MI	Greg Franczak, Rochester Hills, MI	David Gies, Skandia, MI
H Baum, Pinckney, MI	Janine Dulac, Rochester Hills, MI	Ann Stickel, South Haven, MI
Irene Robinson, Pinckney, MI	Robert Bartell, Rochester Hills, MI	Wynona Allen, South Lyon, MI
Jerry Gentry, Pinckney, MI	Lisa Degraff, Rockford, MI	Kinzerb Homes, LLC, Southfield, MI
Karen Klingel, Pinckney, MI	R Lane, Rockford, MI	Peggy S. Collins, Southfield, MI
Mary Susan Welker, Pinckney, MI	John Kelley, Roscommon, MI	Palomir Company, Southfield, MI
Robert D Fox, Pinckney, MI	Ruth Mutchler, Roscommon, MI	PeeBee, LLC, Southfield, MI
Terry Richards, Pinckney, MI	Tamala Gage, Roscommon, MI	Strathmoor Investment Company, Southfield, MI
Essie Adrian, Plainwell, MI	James Chlubna, Roseville, MI	The Irving Glancy Trust, Southfield, MI
Sharon Thor, Plainwell, MI	Pam Wilbourn, Roseville, MI	Debbie Balasko, Sparta, MI
	Jerry Mawhorter, Royal Oak, MI	Betty Anguiano, Spring Lake, MI
	Julia Sosin, Royal Oak, MI	Karen Anderson, Spring Lake, MI
	Nancy Bahlman, Royal Oak, MI	Sarah Goecke, Standish, MI
	Sara Sercombe, Royal Oak, MI	
	DiAnne Doyle, Saginaw, MI	
	Edna McIntyre, Saginaw, MI	

Appendix A Draft EIS Distribution List

Christina Modrzejewski, Sterling Heights, MI	Jan Peterson, Troy, MI	Maja Reed, Willis, MI
Joli Dimeglio, Sterling Heights, MI	Kitty Martin, TransCanada, Troy, MI	Marcus Snyder, Willis, MI
Mary Vanassche, Sterling Heights, MI	Leonard Heather, Trufant, MI	Wendy Tobler, Willis, MI
Bradley Houseworth, Stevensville, MI	Robert Shelestovich, Uniontown, MI	Kilgour Land Company LLC, Willis, MI
Andrea Stickney, Stockbridge, MI	Sue Nearing, Vassar, MI	The Elgin F. Darling Trust, Willis, MI
Carol Mayor, Stockbridge, MI	Rebecca Kane, Wales, MI	The Joanne M. Darling Trust, Willis, MI
The Edna H. Shoner Family Revocable Living Trust, Stockbridge, MI	Donna Stafford, Warren, MI	Sharon Groves, Wixom, MI
Dimitri Marek, Sturgis, MI	Kathy Kristofice, Warren, MI	Bryan Loveless, Wyoming, MI
Larry Rolfe, Sunfield, MI	Kimberly Brandimarte, Warren, MI	Dynamic Property, LLC, Ypsilanti, MI
Andrew Donaghy, Suttons Bay, MI	Michael Kwitt, Warren, MI	Greene Farms 6 and 7 Homeowners Association, Ypsilanti, MI
Linda Johnson-Hanson, Suttons Bay, MI	Michael Strawn, Warren, MI	JB Property & Investment Group LLC, Ypsilanti, MI
Dawn Sharif-Coon, Swartz Creek, MI	Richard Krueger, Warren, MI	LITW, LLC, Ypsilanti, MI
Roger King, Swartz Creek, MI	Scot Sieracki, Warren, MI	Abdulsalam M. Aqlan, Ypsilanti, MI
Christina Killgore, Taylor, MI	Tabatha Sieracki, Warren, MI	Adam D. and Natalie S. Woolf, Ypsilanti, MI
Kathleen Rupley, Tecumseh, MI	Anna Fliginskykh, Waterford, MI	Alan Hogan, Ypsilanti, MI
Larry D. & Mary Ann Bush, Tecumseh, MI	Patrice Cole, Waterford, MI	Alita DeMarco, Ypsilanti, MI
Larry Pickles, Tecumseh, MI	Susan Koop, Waterford, MI	Allison & Sean Lee, Ypsilanti, MI
Lawrence D. and Betty Lou Bliesner, Jr., Life Estate, Tecumseh, MI	Adrienne Newland, Wayland, MI	Alyson Osbourne, Ypsilanti, MI
The Barry B. Brablec Trust, Tecumseh, MI	Elizabeth Shelton, Wayne, MI	Andrea L. Fischer, Ypsilanti, MI
The Douglas L. Wegner Living Trust, Tecumseh, MI	Travis Massey, Wayne, MI	Angelina Ford, Ypsilanti, MI
The Ray A. Russell & Janice V. Russell Trust, Tecumseh, MI	Virginia Matteson, Wayne, MI	Anna Wright, Ypsilanti, MI
Charlotte Vergiels, Temperance, MI	Edgardo Perez-De Leon, West Bloomfield, MI	Anthony & Brooke Publiski, Ypsilanti, MI
Alexandria Schroeder, Three Oaks, MI	The Richard and Juliet C. Najor Revocable Living Trust, West Bloomfield, MI	Anthony Peters-Ajeba, Ypsilanti, MI
James Haldy, Three Rivers, MI	Cara Nims, Westland, MI	Benjamin David Pedersen, Ypsilanti, MI
Suzanne Wood, Three Rivers, MI	Glenn & Karen A. Stockdale, Westland, MI	Benjamin Q. Jr. & Beatrice Bryant, Ypsilanti, MI
The Jerry P. & Barbara L. McCord Revocable Living Trust, Tipton, MI	Karen Merritt, Adrian & Blissfield RR, Westland, MI	Brenda A. Price, Ypsilanti, MI
Roderick Wood, Traverse, MI	Katherine Mouzourakis, Westland, MI	Brian Lee Howell, Ypsilanti, MI
Bonnie Smith, Traverse City, MI	Supervisor Pete Halfer, Department Head, Augusta Charter Township Utility Department, Whittaker, MI	Candace D. Steeb, Ypsilanti, MI
Elaine Harmon, Traverse City, MI	Amos Snyder, Willis, MI	Carl R Reichelt, Jr, Ypsilanti, MI
Jordan Yeatts, Traverse City, MI	Ana Smallbergher, Willis, MI	Christopher R. Lowell, Ypsilanti, MI
Josephine & Frank Tosiello, Traverse City, MI	Archie B. & Judy L. Tackett, Willis, MI	Cristine Santanna, Ypsilanti, MI
Judy Murphy, Traverse City, MI	Chris Smalbergher, Willis, MI	Dale K. & Krista P. Goodwin, Ypsilanti, MI
Ross Hammersley, Traverse City, MI	Dale Darling, Willis, MI	Dannie Dew, Jr., Ypsilanti, MI
Ruth Jones, Traverse City, MI	Derek Vorbeck, Willis, MI	David Brown, Ypsilanti, MI
Ruth Overdier, Traverse City, MI	Euralana Goble, Willis, MI	David C. & Billie Jo Burton, Ypsilanti, MI
Tom Emmott, Traverse City, MI	Gary M. & Denise G. Riser, Willis, MI	David D. & Kathleen M. Smith, Ypsilanti, MI
	Gary Riser, Willis, MI	David F. & Wilma L. Rossbach, Ypsilanti, MI
	Jennifer Jester, Willis, MI	

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David Fuson, Ypsilanti, MI	James G. & Debra S. Lucas, Ypsilanti, MI	Lynette Kidder, Ypsilanti, MI
David L. Baum, Ypsilanti, MI	James G. & Paula M. Robinette, Ypsilanti, MI	Mark & Penny Wilms, Ypsilanti, MI
Deborah I. Belaire, Ypsilanti, MI	James H. Power, Ypsilanti, MI	Martha A. Cook, Ypsilanti, MI
Della Johnson, Ypsilanti, MI	James M. & Sandra K. Downing, Ypsilanti, MI	Mary Ann Deacons, Ypsilanti, MI
Denise & Perry Nichols, Ypsilanti, MI	James T. & Phyllis E. Hinman, Ypsilanti, MI	Mary K. Jones, Ypsilanti, MI
Dewey C. Sims, Ypsilanti, MI	Jane Gay, Ypsilanti, MI	Mary L. Dodich, Ypsilanti, MI
Dianna & Timothy L. Shunk, Ypsilanti, MI	Jay & Tracy Gillette, Ypsilanti, MI	Matthew E. Lamkin, Ypsilanti, MI
Dianne E. Smith, Ypsilanti, MI	Jeff Slag, Ypsilanti, MI	Melissa Stepchuk, Ypsilanti, MI
Donald Wood, Greene Farm Home Owners Association 1, 2 & 4, Ypsilanti, MI	Jeffrey A. & Sarah A. Kaatz & Rigg, Ypsilanti, MI	Merrill & Alene Waldrop, Ypsilanti, MI
Donna Cole, Ypsilanti, MI	Jennifer Gray O'Dell, F/K/A Jennifer Gray Herndon, Ypsilanti, MI	Michael P. Belaire, Ypsilanti, MI
Donna M. Wiechec, Ypsilanti, MI	Jerry L. & Pamela Armstrong, Ypsilanti, MI	Michael T. Kaplan, Ypsilanti, MI
Doris L. Tennyson, Ypsilanti, MI	John D. Biggans, Ypsilanti, MI	Michael W. & Susan A. Butzin, Ypsilanti, MI
Dorothy L. Harris, Ypsilanti, MI	John Dillon, Community Free Will Baptist Church, Ypsilanti, MI	Mitchell P. Knotts, Ypsilanti, MI
Ebony T. & Ezekiel A. Montgomery, Ypsilanti, MI	John M. Dunn, Ypsilanti, MI	Nicholas T. Babo, Ypsilanti, MI
Eric T. Williams, Ypsilanti, MI	John M. Gores, Ypsilanti, MI	Nicole Corbell, Ypsilanti, MI
Fanaye Ejeta Tumusa, Ypsilanti, MI	John Thompson, Ypsilanti, MI	Paul E. & Juanita M. Ramey, Ypsilanti, MI
Felicia Ford, Ypsilanti, MI	Joseph & Lauren LaPointe, Ypsilanti, MI	Paul M. Giles, Ypsilanti, MI
Frank & Belinda Wells, Ypsilanti, MI	Joseph Taylor, Ypsilanti, MI	Phillip H. Selter, Ypsilanti, MI
Gene E & Shirley J Scharp, Ypsilanti, MI	Karen Lovejoy-Roe, Charter Twp of Ypsilanti, Ypsilanti, MI	Rajweet Bedi, Ypsilanti, MI
George A. Wallace, III, Ypsilanti, MI	Karyn S. Baker, Ypsilanti, MI	Ralph C. & Berneice Y. Stitman, Ypsilanti, MI
Girma Abiyu Alemu, Ypsilanti, MI	Katherine G. Arnold, Ypsilanti, MI	Randy & Amber O'Leary, Ypsilanti, MI
Gladys Green, Ypsilanti, MI	Kathy Szabo Schoen, Ypsilanti, MI	Raylene Gwen Kruger, Ypsilanti, MI
Glenn & Carol Ladenberger, Ypsilanti, MI	Keith Wiljanen, Ypsilanti, MI	Raymond Schultz, Ypsilanti, MI
Glenn Ladenberger, Ypsilanti, MI	Kimberly Merrill, Ypsilanti, MI	Renee S. Plant, Ypsilanti, MI
Gloria & Michael Budimerovich, Ypsilanti, MI	Kimberly Taylor, Ypsilanti, MI	Robert E. Lowell, Ypsilanti, MI
Gordon E. & Brenda I. O'Leary, Jr., Ypsilanti, MI	LaMont Stone, Ypsilanti, MI	Robert H. Schultz, Ypsilanti, MI
Gregory R. Franzen, Ypsilanti, MI	Larry Elie, Ypsilanti, MI	Robert L. & Victoria L. Wagner, Jr., Ypsilanti, MI
Hanna Tadesse, Ypsilanti, MI	Larry J. & Lavon B. Domas, Ypsilanti, MI	Robert Leaveck, Ypsilanti, MI
Hassel Couch, Ypsilanti, MI	Laura Lynn Gordon, Ypsilanti, MI	Robert Woodburn Elliott, Jr., Ypsilanti, MI
Herbert G. Karnatz & Marie E. Karnatz, The Herbert G. Karnatz & Marie E. Karnatz Trusts, Ypsilanti, MI	Leo E. Durham, Ypsilanti, MI	Roland J. & Ruth E. Blackburn, Ypsilanti, MI
Howard H. & Deloris Amrhein, Ypsilanti, MI	Lester J. Jr. & Patricia M. Hardy, Ypsilanti, MI	Ronald A. & Sharon K. Collino, Ypsilanti, MI
Jacob E. Wagner, Ypsilanti, MI	Lizabeth A. Simmons, Ypsilanti, MI	Ronald C. Lunsford, Ypsilanti, MI
James D. & Tammy A. Opfermann, Ypsilanti, MI	Louis Albert Lankton, Ypsilanti, MI	Ronald James Pearson, Ypsilanti, MI
James E. & Vonna Sue Goold, Ypsilanti, MI	Louise I. Schock, Ypsilanti, MI	Ronald L. Jewell, Ypsilanti, MI
	Luka & Gena S. Juncaj, Ypsilanti, MI	Ronald L. Ramey, Ypsilanti, MI
		Ronald T. Delsh, Ypsilanti, MI
		Rosaline & Curtis Meeks, Ypsilanti, MI
		Ryan and Jessica Edwards, Ypsilanti, MI

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Samuel W. & Angela C. Rich, Ypsilanti, MI	Estate of Roy A. Britton, AKA Roy Allen Britton, Ypsilanti, MI	Bridget Hinojosa, Akron, OH
Scott D. Westover, Ypsilanti Community Utilities Authority, Ypsilanti, MI	Lighthouse Baptist Temple, Ypsilanti, MI	Calvin K. & Gail L. McNutt, Akron, OH
Scott Duhaime, Ypsilanti, MI	Luanne M. Winkle Revocable Living Trust, Ypsilanti, MI	Carol Haley, Akron, OH
Sean McNatt, Lincoln Consolidated Schools, Ypsilanti, MI	Marsh Plating Corporation, Ypsilanti, MI	Charles Wright, Akron, OH
Sharen & Todd Wilson, Ypsilanti, MI	Nanak Real Estate LLC, Ypsilanti, MI	Daniel & Donna Testa, Akron, OH
Sidney J. Phillips, Ypsilanti, MI	New Covenant Missionary Baptist Church, Ypsilanti, MI	David A. Mucklow, Akron, OH
Silas Lee & Linda C. Goad, Ypsilanti, MI	Niemi Holdings LLC, Ypsilanti, MI	Denyse Click, Ohio Department of Transportation District #4, Akron, OH
Sonya L. Odom-Barbee, Ypsilanti, MI	Rowe Enterprises, L.L.C., Ypsilanti, MI	Eric Schickendantz, Akron, OH
Stephen & Rhonda Rogowski, Ypsilanti, MI	RT'S Automotive Inc., Ypsilanti, MI	Fred S. Littleton, Jr., Akron, OH
Stephen L. Hackett, Ypsilanti, MI	The Alexander Revocable Trust, Ypsilanti, MI	Gary Ruble, Akron, OH
Tamara Rush, Ypsilanti, MI	The Charter Township of Ypsilanti, AKA the Township of Ypsilanti, Ypsilanti, MI	Helene S. Carmany, Akron, OH
Tambra Kirk, Ypsilanti, MI	The Dennis R. Galinis Revocable Trust, Ypsilanti, MI	Jeffrey A. Aman, Akron, OH
Timothy & Shelly Biggans, Ypsilanti, MI	The George Parsons Trust, Ypsilanti, MI	Jeffrey Moshier, FirstEnergy, Akron, OH
Timothy J. & Mary Ann-Phyllis Elie, Ypsilanti, MI	The Glenn H. Rowe Revocable Living Trust, Ypsilanti, MI	Lauren Berlekamp, Akron, OH
Tommy J. & Lynne L. Meyers, Ypsilanti, MI	The Joyce Louise Schultz Trust, Ypsilanti, MI	Linda Murphy, County Of Summit, Akron, OH
Tracy Matthewson, Ypsilanti, MI	The Raymond Earl Schultz Trust Agreement, Ypsilanti, MI	Luther & Michele Lutrell, Trustees, Michele A Lutrell Trust, Akron, OH
Virgil Ray & Janice K. Scott, Ypsilanti, MI	The Thurman Ramey and Joanne Ramey Trust, Ypsilanti, MI	Mary Long, Dominion East Ohio Gas Company, Akron, OH
Walter D. Sangster, Ypsilanti, MI	True Vine Church of God in Christ, Ypsilanti, MI	Melissa Whitaker, Akron, OH
Wendy H. Hopper, Ypsilanti, MI	Eva French, Zeeland, MI	Morgan Parke, FirstEnergy Service Company, Akron, OH
Wilbur P. & Luanne M. Winkle, Jr., Life Estate, Ypsilanti, MI	Jennie Stephenson, Zeeland, MI	Paul Adamson, Akron, OH
William C. McKenzie, Jr., Ypsilanti, MI	Hamric Living Trust, North Canton, OH	Robert Chula, Jr., Akron, OH
William C. Sr. & Barbara McKenzie, Ypsilanti, MI	John K. & Keely A. Krumwiede, Wakeman, OH	Roger Bacon, Metro Regional Transit Authority, Akron, OH
William H. Foote, Ypsilanti, MI	Dan B. & Judy L. Jones, Adena, OH	Shellie Blevins, Akron, OH
William R. & Naarah K. S. Sampson, III, Ypsilanti, MI	Kathy Bartek, Adena, OH	Shirley Alexander, Akron, OH
2 K Properties, Ypsilanti, MI	Martin J. Mckim, Adena, OH	Stacey L. Tyrewala, FirstEnergy Service Company, Akron, OH
A-1 Auto Salvage & Scrap, LLC, Ypsilanti, MI	Peter A. Shutler, Adena, OH	Susan M. Shondel, Akron, OH
Alpha Packaging (Michigan), Inc., Ypsilanti, MI	A R Lockhart Development Company, Akron, OH	Visane Kongmanichanh, Akron, OH
B & W Tooling Services Inc., Ypsilanti, MI	Toledo Edison Company, Akron, OH	William & Christina Knezevich, Akron, OH
Christopher W. & Brandyn K. Creager Revocable Trust, Ypsilanti, MI	Allan Guest, Verizon, Akron, OH	William Hoffman, Akron, OH
Edward D. & Carole E. Purcell Trust, Ypsilanti, MI	Benita Musleve, Akron, OH	American Transmission Systems, Akron, OH
	Bill Congrove, Akron, OH	Ohio Edison Company, Akron, OH
	Billy Pool, Akron, OH	Shaffers R E, LLC, an Ohio limited liability company, Akron, OH
	Bob Downing, Akron, OH	State Of Ohio (Dept Of Transportation), Akron, OH

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The Mitchell A. Booth Revocable Trust, Akron, OH	Paul O. Burger, Alliance, OH	Chriss Miller, Apple Creek, OH
Young Mens Christian Association of Akron, Akron, OH	Richard J. Johnson, Alliance, OH	Dan & Mary Swartzentruber, Apple Creek, OH
Andrew A. & Peggy Zufall, Alliance, OH	Richard L. Linder, Alliance, OH	Daniel Schlabach, Apple Creek, OH
Anthony L. & Sarah C. Miller, Alliance, OH	Robert C. & Joanne M. Knam, Alliance, OH	David & Rachel Mast, Apple Creek, OH
Betty Montgomery, Alliance, OH	Ron Frank, Washington Township, Stark Co. Board of Trustees, Alliance, OH	David Hostetler, Apple Creek, OH
Brian L. Custer, Alliance, OH	Ronald C. & Doris J. Geiselman, Alliance, OH	David Mast, Apple Creek, OH
Brian M. & Tracy Frank, Alliance, OH	Ronald J. Hoffman, Jr. & Becky A. Hoffman, Alliance, OH	Ervin & Mary Yoder, Apple Creek, OH
Bruce W. & Susan G. Parrish, Alliance, OH	Ronald Lee Salaski, Alliance, OH	Eugene Smith, Apple Creek, OH
Chad M. & Katherine E. Burton, Alliance, OH	Sher Mohammed, Alliance, OH	Herman & Mary Ginerich, Apple Creek, OH
Charles L. & Ann M. Kesterke, Alliance, OH	Stephen P. & Deborah K. Daskalov, Alliance, OH	James & Francis Yoder, Apple Creek, OH
Chervenak & Fogle & Waers & Chervenak, Alliance, OH	Stephen T. Skolosh, Jr, Alliance, OH	John & Delila Miller, Apple Creek, OH
Daniel Holibaugh, Alliance, OH	Steve & Deborah Daskalov, Alliance, OH	Jonas & Emma Miller, Apple Creek, OH
David L. & Tina M. Miller, Alliance, OH	Steven Lacher & Lisa Rinard, Alliance, OH	Larry & Rebecca Reber, Trustees, Apple Creek, OH
Dieter Teutsch, Alliance, OH	Terry L Rastetter, Alliance, OH	Levi & Fannie Miller, Apple Creek, OH
Dorothy M. Monter, Alliance, OH	Tim Lanzer, Quality Oil & Gas Corporation, Alliance, OH	Lori Klintworth, Apple Creek, OH
Dorothy Whitney, Alliance, OH	William Skolosh, Alliance, OH	Melvin Yoder, Apple Creek, OH
Dwight S. & Ruth A. Brugger, Alliance, OH	Dieter Teutsch, Alliance, OH	Menno Hershberger, Apple Creek, OH
Edgar R. Johnson, Alliance, OH	Oakway Farms, LLC, Alliance, OH	Norman Miller, Apple Creek, OH
Ferrele Brownlee, Alliance, OH	Running Water Farms LLC, Alliance, OH	Roman Hostetler, Apple Creek, OH
Gerald A. Markle, Alliance, OH	The Borland Family Revocable Living Trust, Alliance, OH	Roman Yoder, Apple Creek, OH
Harold T. & Teresa L. Greaves, Alliance, OH	The Wolfe Family Trust, Alliance, OH	Ruth Masters, Trustee, Apple Creek, OH
James L. & Debra J.D. Hatherill, Alliance, OH	Westview Properties LTD, Alliance, OH	Stanley Orr, Apple Creek, OH
Jeffrey S. & Franelyn S. Calvin, Alliance, OH	Diane L. Howell, Alliance, OH	Steven Hostetler, Apple Creek, OH
JoAnn Leeman, Alliance, OH	Bev B Stoffers, Amherst, OH	Stuart & Theresa Swinehart, Apple Creek, OH
John C. & June L. Porter, Alliance, OH	Carol S. and Rick J. Lalonde, Amherst, OH	Uria Petersheim, Apple Creek, OH
John J. Destefano, Jr., Alliance, OH	Howard A. Born, Amherst, OH	Wayne & Arlene Chupp, Apple Creek, OH
Joseph J. Skolosh, Alliance, OH	Howard A. Born, III, H.A. Born Irrevocable Farm Land Trust, Amherst, OH	Colt Investments Ltd, Apple Creek, OH
Larry F. & Julia D. Johnson, Alliance, OH	Richard W. & Kathryn M. Coolbaugh, Jr., Amherst, OH	Corelogic, Apple Creek, OH
Linda Chain, Alliance, OH	Richelle Reitter, Amsterdam, OH	Yoder Real Estate Holdings LLC, Apple Creek, OH
Lowell A. Johnson, Alliance, OH	Adrian Hochstetler, Apple Creek, OH	John & Neva Troyer, Applecreek, OH
Margaret L. Charlton, Alliance, OH	Alvin & Mary Yoder, Apple Creek, OH	Louis Tumblin, Ohio Department of Transportation District #3, Ashland, OH
Mary E. Rohr Destefano, Alliance, OH	Ammon & Suzie Stutzman, Apple Creek, OH	Marilyn June Price, Atwater, OH
Matthew A. Markle, Alliance, OH	Andy & Mary Troyer, Apple Creek, OH	Clare Votava, Avon, OH
Paul Burger, Alliance, OH		James R. & Pearl A. Weiland, Avon, OH
		Mike Grisa, Avon, OH
		Regis Alfons Klingshirn, Avon, OH
		Richard Ross Danburg, Avon, OH

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Thomas J. & Nicole Nagel, Jr., Avon, OH	Donald L. & Michelle D. Fabian, Bellevue, OH	David G. Moon, David G. Moon, Trustee, Berlin Heights, OH
Ying Hua Tang, Avon, OH	Douglas S. Smetzer, Bellevue, OH	David S. & Rose M. Pinkerton, Berlin Heights, OH
Hugh Donald & Lynn Nagel, Jr., Avon, OH	Gary L. Hirt, Gary L. Hirt Trust, Bellevue, OH	Deborah L McGinnis, Berlin Heights, OH
Thomas J., Sr. & Jeannette M. Nagel, Avon, OH	Herman Daniels, Bellevue, OH	Delight A Heckelman, Berlin Heights, OH
Raymond Alan Jupina, Avon Lake, OH	James A. & Lori S. Dauch, Bellevue, OH	Diana M. and Robert A. Croll, Jr., Berlin Heights, OH
R & F Coal Company, Bannock, OH	Jonathan S. Valko & Erin E. Gardner, Bellevue, OH	Edward A. Wlodarsky, Berlin Heights, OH
Almeda Weigand, Francis E. Sage & Ada M. Sage Living Trusts, Barberton, OH	Jonathon Valko, Bellevue, OH	Frederick W. & Brenda A. Hast III, Berlin Heights, OH
Christopher Tenney, Barberton, OH	Laura A. & Morrison L. Dillender, Bellevue, OH	G. David Moon, Life Estate, Berlin Heights, OH
David & Betsy Smith, Barberton, OH	Leroy Weiss, Jr., Bellevue, OH	Gary McGinnis, Jr., Berlin Heights, OH
Dennis R. & Josephine A. Winchell, Barberton, OH	Mark Rowland, Bellevue, OH	Gene C. and Ruth E. Sprague, Berlin Heights, OH
James D. Nice, Barberton, OH	Matthew S. & Cynthia M. Orshoski, Bellevue, OH	George G Grega, Berlin Heights, OH
Marilyn Crenshaw, Barberton, OH	Phil Smetzer, Phil & Doug, LLC, Bellevue, OH	George J. & Donna M. Hall, Berlin Heights, OH
Philip Alexander, Barberton, OH	Philip M. Smetzer, Bellevue, OH	Henry R. Ostheimer & Deanna Ostheimer, Henry R. Ostheimer & Deanna Ostheimer Revocable Trust, Berlin Heights, OH
Bishop of Byzantine Catholic Diocese Pitts, Barberton, OH	Scott R. Clark, Clark-Vue Agricultural Holdings, LLC, Bellevue, OH	Howard & Anita Harlan, Berlin Heights, OH
Sharon E. Hendershot, Barnesville, OH	Sheldon Smetzer, Bellevue, OH	Howard Schuster, Schuster Land Company, Berlin Heights, OH
Charles R. Marshall, Beacon Marshall Construction Company, Bath, OH	Travis J. & Kendra C. Hartman, Bellevue, OH	Jack T. & Mary R. Colvin, Berlin Heights, OH
Michael J & Carol C Hronek, Bay Village, OH	William L. Hartley, Hartley Family Properties Ltd., Bellevue, OH	James D. & Lora H. Lowry (Life Estate), Berlin Heights, OH
Jonas & Mattie Swartzentruber, Beach City, OH	Clark-Vue Agricultural Holdings, LLC, Bellevue, OH	James M. & Susan A. Suhanic, Berlin Heights, OH
Loretta Romesberg & Donna Marcinek, Beach City, OH	Aaron Shock, Bellevue, OH	James Ross & Georgeann Louise Lutz, Berlin Heights, OH
Philip R & Ginger P Lautzenheiser, Trustees, Beach City, OH	Richard T. & Anna M. Meyer, Bellevue, OH	Jason P. & Colleen E. (fka Colleen E. Butler) Shupe, Berlin Heights, OH
Gary & Marjorie Baumberger, Beallsville, OH	Roger Rowland, Row-Land Farms Real Estate, LLC, Bellevue, OH	Jeffrey D. & Cynthia L. Keller, Berlin Heights, OH
Garry L., II, Nolan & Wendy J. Arnold, Beallsville, OH	Julius Szahlender & Joseph Disantis, Ohio Turnpike Commission, Berea, OH	Jeffrey D. & Shari L. Bowers, Berlin Heights, OH
Mark Hoffman, Beallsville, OH	Marilyn H. Miller, Berea, OH	John & Tonya Myers, Berlin Heights, OH
Donald E. Ackerman, Bellaire, OH	State of Ohio, Berea, OH	John P. Zarvis, Berlin Heights, OH
Roger Wade, Bellaire, OH	Margaret A Najarian, Berkey, OH	Joseph T. Burnham, Burnham Farms, LLC., Berlin Heights, OH
PHIL.AND.DOUG LLC, Bellevue, OH	Paul W. & Vicki L. Barnes, Berkey, OH	
Andrea L. and James E. Colvin, Jr., Bellevue, OH	Berlin Mineral Co LLC, Berlin, OH	
August J. Sani, Jr., Bellevue, OH	Amy S. Hunter, Berlin Heights, OH	
Barbara A. Clark, Clark-Vue Agricultural Holdings, LLC, Bellevue, OH	Carl M. Krueger, Berlin Heights, OH	
Clarence Mullins, Bellevue, OH	Christopher K. & Phyllis J. Bauer, Berlin Heights, OH	
Curtis & Linda Close, Close Grain Farms, Inc., Bellevue, OH	Daryl R. Shinsky, Berlin Heights, OH	

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Larry J & Donna L Mark, Berlin Heights, OH	Dale K. Moser, Bowling Green, OH	Richard A. & Joyce L. Almester, Bowling Green, OH
Larry W Harris, Berlin Heights, OH	Dale R. & Diane M. Brown, Bowling Green, OH	Richard H. & Joyce L. Dauer, Bowling Green, OH
Mary Delaney, Berlin Heights, OH	David A. & Danielle N. Luce, Bowling Green, OH	Rick L. Snyder, Bowling Green, OH
Matthew M. Smith, Berlin Heights, OH	David L. Moon, Bowling Green, OH	Ronald D. Podolak, Bowling Green, OH
Melvin N. & Charlotte J. Hall, Berlin Heights, OH	Dustin D. Brown, Bowling Green, OH	Sally H. Meier, Bowling Green, OH
Michael & Jackie Mullins, Berlin Heights, OH	Edward J. & Rita C. Steinberger, Bowling Green, OH	Scott & Joann Nuzum, Bowling Green, OH
Michael Ray & Kathy Ann Old, Berlin Heights, OH	Eleanor P. Burrows & Michael W. Burrows, Bowling Green, OH	Theodore E. Dauer, Jr, Bowling Green, OH
Nicholas & Pamela J. Costello, Berlin Heights, OH	Gary M. & Barbara J. Asmus, Bowling Green, OH	Thomas R. German, Bowling Green, OH
Peter Spooner, Berlin Heights, OH	Harmon E. Downard, Jr., Bowling Green, OH	Tim Murphy, Wood County, Bowling Green, OH
Richard & Bonnie Malone, Berlin Heights, OH	James A. Long, Bowling Green, OH	Timothy D. Smith, Bowling Green, OH
Richard S. & Rebecca L. Hillis, Berlin Heights, OH	James Bostdorff, Bowling Green, OH	Travis L. Brown, Bowling Green, OH
Roy & Twyla Towns, Berlin Heights, OH	James D. & Selene M. Bostdorff, Bowling Green, OH	Vince P & Deborah L. Moracz, Bowling Green, OH
Scott & Heather J Harris, Berlin Heights, OH	James F. & Nancy M. Bostdorff, Bowling Green, OH	Warner G. & Carol L. Evers, Bowling Green, OH
Shiron K & Anita L Turner, Berlin Heights, OH	Jean Lafarree, Bowling Green, OH	William M. & Nancy A. Villalta, Bowling Green, OH
Steven P. & Beverly D. Grega, Berlin Heights, OH	Jeffrey A. & Cathy D. Hall, Bowling Green, OH	Charles H. Schulze Living Trust, Bowling Green, OH
Terri Lowry, Berlin Heights, OH	Jessica Bidinger, Ohio Department of Transportation, Bowling Green, OH	Charlotte S. Long Trust, Bowling Green, OH
Thomas I. & Kathlene R. Cikotte, Berlin Heights, OH	John and Amy Hofner, Bowling Green, OH	Frederick J. Speck Living Trust, Bowling Green, OH
Vickie Y. Harris, Berlin Heights, OH	John R. & Deborah R. Robertson, Bowling Green, OH	Harold W. Weihl Trust, Bowling Green, OH
Victoria L McGinnis, Berlin Heights, OH	John W. Cajka, Bowling Green, OH	Harriet H. Hatfield Trust, Bowling Green, OH
Wayne W. Weiss, Berlin Heights, OH	Joseph C. & Roberta J. Kirkman, Bowling Green, OH	James A. Long Trust, Bowling Green, OH
William D. Gammie, William D. Gammie Revocable Living Trust, Berlin Heights, OH	Joshua Niemer, Bowling Green, OH	Mary L. Weihl Trust, Bowling Green, OH
William M. & Shirley F. Straight, Berlin Heights, OH	Justin DuMond, Bowling Green, OH	Ohio Department Of Transportation, Bowling Green, OH
Donald L., Jr. & Alice M. Miner, Bethesda, OH	Kenneth P. & Karen S. Podolak, Bowling Green, OH	Richard A. Meier Revocable, Bowling Green, OH
Craig Northcott, Blissfield, OH	Lawrence R Steyer Roth Catherine M Roth, Bowling Green, OH	Gerald A. Euler, Bowling Green, OH
Jay Lugibihl Properties, LLC, Boardman, OH	Michael E. & Beth A. Ware, Bowling Green, OH	David J. & Cynthia L. Kistner, Bowling Green, OH
David M. & Julie A. Gingerich, Bolivar, OH	Michael R. Malinowski, Bowling Green, OH	James L Cajka, Bowling Green, OH
Louise Pearl Bolyard, Bolivar, OH	Michael Sibbersen, Wood County, Bowling Green, OH	Keith & Lee Sundermeier, Sunweb Farm, an Ohio Partnership, Bowling Green, OH
Andrew D. & Jessica L. Wiles, Bowling Green, OH	Norma H. Best, Bowling Green, OH	Mark E. & Ginger L. Grolle, Bowling Green, OH
Andrew D. Sattler, Bowling Green, OH	Perry R. & Anita M. Fletcher, Bowling Green, OH	Paul F. & Marlene F. Brinker, Bowling Green, OH
Cheryl Peters, Bowling Green, OH	Phillip Mintz, Bowling Green, OH	

Appendix A Draft EIS Distribution List

Marlene F. Brinker Trust, Bowling Green, OH	Dorothy J. Morris, Brunswick, OH	George D. & Hallie P. Seanor, Canton, OH
Paul F. Brinker Trust, Bowling Green, OH	Pamela Stiles, Brunswick, OH	Gerald A. & Trisha A. Gainey, Jr., Canton, OH
Wheeling & Lake Erie Railway Company, Brewster, OH	Ray Hemeyer, Brunswick, OH	Heidi S. Gresh, Canton, OH
Wheeling and Lake Erie Railway, Brewster, OH	Resident, Brunswick, OH	James Lee Thompson, Canton, OH
Albert E. & Gayle A. Joseph, Bridgeport, OH	Thomas D. Williams, Trustee, Thomas D. Williams Trust Agreement, Brunswick, OH	Jim Jackson, Canton, OH
Andrew C. & Rhonda M. Garner, Bridgeport, OH	Lorraine E. Brown & Lyle Meintzer, Bryan, OH	Joe Sirgo, Canton, OH
Charles R., Jr. & Karen L. Probst, Bridgeport, OH	E. Lenhoff, Burbank, OH	John G. Selzer, Canton, OH
Charles William & Katherine Lousie Glatzer, Bridgeport, OH	Caleb Lucas, Blue Racer Midstream, Cambridge, OH	Joseph L. & Amanda Willmott, Canton, OH
Danford E. & Allison I. Powell, Bridgeport, OH	Ken Schalmo, Canal Fulton, OH	Joseph W. & April R. Cook, Canton, OH
Darrin S. Sawchuk, Bridgeport, OH	Quin A. Wychanko, Canal Fulton, OH	Juanita S. Weisel, Canton, OH
David M. Volan, Bridgeport, OH	William & Sandra Nemer, Canal Fulton, OH	Judy Jane Hamrick, Canton, OH
Donna L. Kaiser, Bridgeport, OH	AB3 Homes, LLC, Canal Fulton, OH	Kevin L. Kobie, Canton, OH
James Ellis & Carolyn R. Kain, Bridgeport, OH	DJS Family Properties LTD, Canal Fulton, OH	Marilyn Ruthrauff, Etal, Canton, OH
James P. Mohney, Bridgeport, OH	George Strawn, Everflow Eastern Partners, LP, Canfield, OH	Mark L. & Susan C. Bruce, Canton, OH
Joseph A. Bazar, Bridgeport, OH	The Thomas B. Kubiak Revocable Trust, Canfield, OH	Matthew Hohman, Canton, OH
Judith Ann Elizeus, Bridgeport, OH	Anne Weeks, Canton, OH	Michael A. Neidert, Canton, OH
Julie A. & Wilson S., III Adams, Bridgeport, OH	Beth Inboden, Canton, OH	Michael Hohman, Canton, OH
Kevin L. & Marcie L. Wilson, Bridgeport, OH	C. George & Michele R. Volkman, Canton, OH	Mike Cody, Stark Metropolitan Housing Authority, Canton, OH
Kirk D. Bennett, Bridgeport, OH	Charles D. Hall, III, Hall Law Firm, Canton, OH	Pam Naylor, Canton, OH
Lawrence J. & Joyce A. Roy, Bridgeport, OH	Charles Mullen, Canton, OH	Pattie Riegler, Canton, OH
Lugene A. Chine, Etal, Bridgeport, OH	Daniel T. & Caitlin M. Knop, Canton, OH	Peggy Rovella Mayle, Canton, OH
Mallory D. & Martha M. Sinoski, Bridgeport, OH	Daryl K. & Susan E. Witmer, Canton, OH	Regina Riley, Canton, OH
Paul R., Jr. Guzik, Bridgeport, OH	David J. & Bonnie L. Eigel, Canton, OH	Richard & Mary Ann Rohrig, Canton, OH
Randall L. Walker, Bridgeport, OH	David J. Eigel, Denergy, Ltd., Canton, OH	Richard C. & Shelly L. Griffith, Canton, OH
Richard M., II & Jennifer M. Theaker, Bridgeport, OH	David M. Wargo, Canton, OH	Robert B. & Sandra K. Tharp, Canton, OH
Robert M. Bowen, Bridgeport, OH	Delores Seabolt, Canton, OH	Robert L. & Karen J. Kroupa, Canton, OH
Samuel R., II & Kelly L. Fox, Bridgeport, OH	Don Bendetta, Stark County Engineer, Canton, OH	Rodney & Terrie Crilow, Canton, OH
Willard M. & Julie L. Nelson, Bridgeport, OH	Edward E. Waterfall, Canton, OH	Sandra R. Praznik, Canton, OH
Tary & Dorothy Labyk, Labyk Family Revocable Living Trust, Broadview Heights, OH	Eric Calvert, Clinton Oil Company, Canton, OH	Scott E. & Stacey M. Peters, Canton, OH
Ann C McGill, Brunswick, OH	Ernest B. Douglas, Canton, OH	Scott Steepleton, M.A.S.S. Holdings LLC, Canton, OH
David W. Morris, Brunswick, OH	Gay Nebo, Etal - Trustees, Chester E & Norma J Nebo Irrevocable Trust, Canton, OH	Shelly Griffith, Canton, OH
		Stephen Paquette, Stark Development Board, Canton, OH
		Steven & Cynthia Everetts, Canton, OH
		Steven Eustathios, Canton, OH
		Teresa Reno, Canton, OH
		Terrie Crilow, Canton, OH

Appendix A Draft EIS Distribution List

Thomas E. Hartnett, Day Ketterer LTD., Canton, OH	Mitchell R. & Sara M. Watson, Castalia, OH	Evalyn Gates, Cleveland Museum Of Natural History, Cleveland, OH
Valerie Luckner, Trustee, The Norma Kathryn Walker Irrevocable Trust, Canton, OH	Patrick S. & Jane E. Cullen, Castalia, OH	Glenn W. Hutchinson, Cleveland, OH
Canton City, Canton, OH	Paul D. Agsten, Castalia, OH	Jeffrey Murphy, Dominion East Ohio, Cleveland, OH
Charles E. And Beverly Jeanne Swartz Irrevocable Trust, Canton, OH	Richard I. Miller, Castalia, OH	Kim Coursey, Secretary Of Housing & Urban Development, Cleveland, OH
Day Ketterer LTD., Canton, OH	Rickey Lee & Lerenda Marie Thomas, Castalia, OH	Louise Unterzuber, Cleveland, OH
Eden Church Of The Brethern, Canton, OH	Robert R. & Gail J. Arbeit, Sr., Castalia, OH	Patrick Sink, International Union of Operating Engineers, Cleveland, OH
Kuntz Properties, Inc, Canton, OH	Ronald C. & Karen M. Lippert, Castalia, OH	Timothy Warner, Cavitch Law Firm, Cleveland, OH
Ohio State, Canton, OH	Stephen R. & Georgetta M. Meyer, Castalia, OH	Central National Bank Of Cleveland Trust, Cleveland, OH
Royal G. And Janet V. Weisel Living Trust, Canton, OH	Thomas E. & Gail Cullen, Castalia, OH	Alan V. Skye, Clinton, OH
Russ Kiko Associates, Inc., Canton, OH	William T & Amy L. Aldrich, Castalia, OH	Amber M. Collins, Clinton, OH
Stark County Commissioners (Board Of County Commissioners), Canton, OH	William T. & Amy L. Aldrich Jordan, Castalia, OH	Arlena Gibson, Clinton, OH
Stark County Commissioners (Canal Lands), Canton, OH	Willie C. & Ella V. Holbrook, Castalia, OH	Barbara Lohmeyer & Thomas Ruzics, Clinton, OH
Stark County Park District, Canton, OH	KDE Holdings, LLC, Castalia, OH	Brad & Bruce Bennett, Clinton, OH
Stark County Park District, Canton, OH	Wallace A. & Donna L. Miller, Chardon, OH	Bradley N. Bennett, Clinton, OH
The Cross Family Trust, Canton, OH	Andrew C. & Cynthia D. Kason, III, Chippewa Lake, OH	Brett A. & Tiffany J. Bogner, Clinton, OH
Black Gold Group LLC & Volusia Property LLC/Eigg Land Limited LLC, Carrollton, OH	Clyde & Jean Letner, Jr., Chippewa Lake, OH	Brian W. & Melissa K. Underwood, Clinton, OH
Apache Acres LLC, Castalia, OH	Kenneth T. & Elaine M. Zaremba, Chippewa Lake, OH	Bruce A. Bennett, Clinton, OH
Guy W. Miller, Castalia, OH	Matthew Williams, Chippewa Lake, OH	Bruce Bennett, Clinton, OH
James E. & Raelene S. Colvin, Castalia, OH	Michael C. & Melanie K. Gardiner, Chippewa Lake, OH	C. Jane Carl, Clinton, OH
John E Ensley, Castalia, OH	Raymond K. Schwarz, Chippewa Lake, OH	Candy Zawada, Clinton, OH
Margaret Sharkey, Castalia, OH	Stephen D. & Barbara J. Walkuski, Chippewa Lake, OH	Carle D. Tuckerr, Clinton, OH
Martin Smith, Castalia, OH	The Randy W. Malburg Living Trust, Cincinnati, OH	Carol Mcvey, Clinton, OH
Ryan M. Miller, Castalia, OH	United Methodist Financial Credit Union Inc., Cincinnati, OH	Carol R. Dolan, Clinton, OH
Allen V. Wightman, Castalia, OH	Clinton & Sarah Rossell, Clarington, OH	Carolyn Carasea, Clinton, OH
Brandon D. Biehl, Castalia, OH	Harry & Christine Smith Family Irrevocable Trust, Clarington, OH	Chad W. & Amy J. Johnson, Clinton, OH
Brenda Ruthsatz, Castalia, OH	Mark & Terri Milosavljevic, Clarington, OH	Charles C. Dunlap, Clinton, OH
Daniel & Deborah S. Westcott, Castalia, OH	Nelson J. Fisher, Clarington, OH	Charles M. & Pauletta Hoffman, Clinton, OH
David D. & Rebecca L. McMurray, Castalia, OH	Sandra A. Dietrich, Clarington, OH	Charles R. & Donna L. Mallery, Clinton, OH
David M. Hartwig, Castalia, OH	Zolar & Sarah Marus, Clarington, OH	Charles Sinley, Clinton, OH
Douglas C. & Charlene D. Cullen, Castalia, OH		Charlotte M. Cummings, Clinton, OH
Jerold E. & Debbie L. Crum, Sr., Castalia, OH		Christine C. Vincent-Evans, Clinton, OH
		Clark E. & Barbara A. Hall, Clinton, OH
		Clydie Dippel, Clinton, OH

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Connie & Peter Schanz, The Connie B. Schanz Marital Trust, Clinton, OH	Gordon Endicott, Clinton, OH	Keith A. & Teri L. Kaufman, Clinton, OH
Coretha J. Silveous, Clinton, OH	Gregory A. Roach, Clinton, OH	Kenneth J. & Debora A. Dishman, Clinton, OH
D. Scott Brubaker, Clinton, OH	Harlan L. & Deborah L. Oakes, The Harlan and Deborah Oakes Trust, Clinton, OH	Kenneth P. Mong, II, Clinton, OH
Dale A. Balazowich, Clinton, OH	Harold Pyle, Clinton, OH	Kenneth T. Kennedy, Clinton, OH
Dale E. Palmer, Clinton, OH	Irene A. Wilkinson, Clinton, OH	Kris M. Ledford, Clinton, OH
Dana R. Howell, Clinton, OH	Isaac L. & Charlotte J. Teter, Clinton, OH	Kyra Jean Riddle, Clinton, OH
Daniel A. Vincent, Clinton, OH	James A. & Ann M. Tedrick, Clinton, OH	Larry N. Deborah K. Young, Clinton, OH
Daniel E. & Amy D. Wertz, Clinton, OH	James E. & Andrea L. Wagner, Clinton, OH	Laura D. Urban, Clinton, OH
Daniel E. Czartoszewski, Clinton, OH	James E. & Cathy A. Bartzi, Clinton, OH	Leslie & Tammy Chapman, Clinton, OH
Daniel R. & Carolyn S. McGuire, Clinton, OH	James E. & Rebecca L. Sparks, Clinton, OH	Louis J. Brandt, Clinton, OH
David A. & Bonnie L. Schaub, Clinton, OH	James E. Carmany, Jr., Clinton, OH	Mark E. Dippel, Clinton, OH
David G. & Tiffany M. Krock, Clinton, OH	James H. & Denise L. Miller, Jr., Clinton, OH	Mark R. & Lynn M. Podnar, Clinton, OH
David L. Galloway, Clinton, OH	James J. Helms, Helms Family Revocable Living Trust, Clinton, OH	Marykay & Donald J. Pleskach, Clinton, OH
David V. & Jessica T. Bailey, Clinton, OH	James S. Smyth, Clinton, OH	Michael J. Morton, Clinton, OH
Deborah A. Webb & Gregor A. Webb, Clinton, OH	James W. & Margaret A. Creed, Clinton, OH	Michael J. Re kai, Clinton, OH
Debra T. Banner, Clinton, OH	Janette J. Henrey, Clinton, OH	Michael V. & Susan C. Rosinski, Clinton, OH
Delvin T. & Elaine M. George Pickett, Clinton, OH	Janice S. Dippel, Clinton, OH	Michelle D. Koerner, Clinton, OH
Dennis D. Hartong, Clinton, OH	Jeffery A. & Lori L. Edgell, Clinton, OH	Michelle L. Harvey, Clinton, OH
Dennis H. Bittaker, Clinton, OH	Jeffery Koerner, Clinton, OH	Nick Kechkes, Clinton, OH
Derek M. Crine, Clinton, OH	Jeffrey A. & Sheryl A. Bonk, Clinton, OH	Norman A. & Carol R. First, Clinton, OH
Don M. & Julie Knight, Clinton, OH	Jeffrey Steven Farner, Clinton, OH	Pamela James, Edward Gintling, Clinton, OH
Donald & Debra L. Schneider, Clinton, OH	Jennifer E. Cummings, Clinton, OH	Patricia A. Bender, Clinton, OH
Donald E. Brown, Clinton, OH	Joel A. Helms, Clinton, OH	Patrick D. & Theresa A. Popovich, Clinton, OH
Donald O. & Shirley H. Brumblough, Clinton, OH	Joey L. Norman, Clinton, OH	Patrick M. & Mary A. Conahan, Clinton, OH
Donna Phillippi, Clinton, OH	John D. & Michelle A. Wilson, Clinton, OH	Paul Alan & Dana L. Biro, Clinton, OH
Douglas F. Riggle, Clinton, OH	John W. & Victoria A. Feesler, Clinton, OH	Paul Fledderjohann, Clinton, OH
Earl T. Bell, Clinton, OH	Jon K. & Cheryl H. Duer, Clinton, OH	Penny J. Sterner, Clinton, OH
Ellery & Greer Langkamp, Clinton, OH	Joseph E. & Amy L. Bologa, Clinton, OH	Perry L. & Donna G. Stone, Clinton, OH
Eric & Sherry Goodman, Clinton, OH	Julie A. Joyce, Clinton, OH	Phillip L. Stark, Clinton, OH
Ernest D. & Twila K. Shimer, Clinton, OH	Julie A. Pinter, Clinton, OH	Randy J. Watt, Clinton, OH
Evelyn K. Nelson, Clinton, OH	Kathy S. Brown, Clinton, OH	Raymond & Bonnie R. Pierce, Clinton, OH
George J. & Robin S. Pribanich, Clinton, OH	Keith A. & Patricia K. Palmer, Clinton, OH	Regina K. Whited, Clinton, OH
Gerald E. & Sandra K. Schmelzer, Clinton, OH		Richard D. Buck, Clinton, OH
Gloria M. Williams, Clinton, OH		Ricky D. & Theresa M. Scholl, Clinton, OH

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Robert E. and Virginia L. Reedy, Clinton, OH	Tina Anna Link, Clinton, OH	Christopher M. & Roberta A. Wiedle, Clyde, OH
Robert G. & Jodie L. Berger, Clinton, OH	Toni Bethann Sholley, Clinton, OH	Christopher M. Wiedle, Clyde, OH
Robert J. Morton, Clinton, OH	Toni M. King, Clinton, OH	Christopher Wiedle, Clyde, OH
Robert Lee & Margaret E. Baker, The Robert Lee Baker Living Trust, Clinton, OH	Virgil E. Bennett, Clinton, OH	Commodore G. & Norma J. Wade, Clyde, OH
Robert P. & Kelly Lynn Pillitiere, Clinton, OH	Virginia J. McClure, Clinton, OH	Commodore Wade, Clyde, OH
Robert R. Schilling & Gale S. Schilling, The Schilling Trust, Clinton, OH	Vivian A. Taylor, Clinton, OH	Daniel Elwood, Clyde, OH
Robert W. & Roxanne Knotts, Clinton, OH	Walter S. Shaffer, Clinton, OH	Daniel J. Schroer, Clyde, OH
Roger D. & Michelle R. Chappell, Clinton, OH	William E. & Andrea L. Foulk, Clinton, OH	David J. & Kathy S. Russell, Jr., Clyde, OH
Roland P. & Fern Richards, Jr., Clinton, OH	William H. & Bonnie E. Taylor, Clinton, OH	Donald A. and Marian L. Beier, Life Estate, Clyde, OH
Ronald J. & Rosemarie Kuner, Clinton, OH	William H. & Melva M. Stone, Jr., Clinton, OH	Douglas Waterfield, Clyde, OH
Ronald L. Stewart, Clinton, OH	William L. Charlton, Clinton, OH	Dustin Dearth, Clyde, OH
Roy D. & Wendy J. Jones, Clinton, OH	William R. & Amber K. Briggs, Jr., Clinton, OH	Eilene K. Perry, Clyde, OH
Roy E. Hathaway, Clinton, OH	Comet Lake Club Inc., Clinton, OH	Gary Fisher, Clyde, OH
Roy G. & Eileen M. Jones, Clinton, OH	D & D Hartong Farms, LLC, Clinton, OH	Gary L. & Mark J Fisher, The Marie R. Fisher Living Trust, Clyde, OH
Sarah M. Schutte, Clinton, OH	Equity Trust Company, Clinton, OH	Hal D. & Carolyn Lovins, Clyde, OH
Sheila Wenhart, Clinton, OH	Mountain of Hope-Faith Church, Clinton, OH	Helen Jean Gallagher, Clyde, OH
Sherwin & Judith K. Alberts, Clinton, OH	Paul Lucas Landscape & Co., Clinton, OH	Jack Scott, Clyde, OH
Steve A. Oliphant, Clinton, OH	The Barbara J. Yingling Revocable Trust, Clinton, OH	Jason Fischer, Clyde, OH
Susan I. Scott, Clinton, OH	The Elinor J. Harris Living Trust, Clinton, OH	John C. Parkhurst, Clyde, OH
Susan R. McCormack Chapman, Clinton, OH	The Everett C. Fleming Trust, Clinton, OH	Jon Slack, Clyde, OH
Susan R. Yovichin, Clinton, OH	The Helms Family Revocable Living Trust, Clinton, OH	Joseph W. Parkhurst, Clyde, OH
Susan W. Deitrick, Clinton, OH	The Joan T. Cook Living Trust, Clinton, OH	Katelyn Wiedle, Clyde, OH
Terrence R. & Barbara Ann Ritter, Clinton, OH	The Lena A. Parsons Trust, Clinton, OH	Katelyn York Wiedle, Clyde, OH
Theresa L. Burdette, Clinton, OH	The Rayl Family Trust, Clinton, OH	Kelly A. Parkhurst, Clyde, OH
Theresa M. Smith, Clinton, OH	The Werner H. Henneze Revocable Living Trust, Clinton, OH	Lawrence & Joyce P. Nyfenger, Clyde, OH
Thomas D. & Kelly M. Culp, Clinton, OH	Woods At Silver Creek Ltd, Clinton, OH	Linda H. Pugh, Clyde, OH
Thomas E. & Lia A. Fleming, Clinton, OH	Donna M. Zeh, Clinton, OH	Margaret Harmon, Clyde, OH
Thomas W. & Cathryn M. Hutchinson, Clinton, OH	Michael W. Simmons, Clinton, OH	Margaret Tucker, Clyde, OH
Timothy J. Harvey, Clinton, OH	Andrew T. & Kimberly S. Wright, Clyde, OH	Marilyn Huston, Clyde, OH
Timothy S. & Kelly M. Byers, Clinton, OH	Anna Marie Tackett, Clyde, OH	Mark Fisher, Clyde, OH
Timothy W. & Angelina K. Samples, Clinton, OH	Betty Wobser Brown, Trustee, Betty Wobser Brown Revocable Trust, Clyde, OH	Mark H. & Gail A. Payne, Clyde, OH
	Brian Harr, Clyde, OH	Mary Hamilton, Clyde, OH
	Charles Gibson, Clyde, OH	Mary M. & James S. Hamilton, Clyde, OH
		Michael P. & Nancy L. Beier, Remainderman, Clyde, OH
		Michael Wade, Clyde, OH
		Mildred J. Parkhurst, Clyde, OH

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Patrick J. & Tracey C. Kusser, Clyde, OH	Mary Snow, Columbia Station, OH	William & Lavina Swartzentruber, Dalton, OH
Randall Holbrook, Clyde, OH	Carl Howard, Columbus, OH	Raymond Steede, The M. Jay Frederick Trust, Damascus, OH
Richard Grafton, Clyde, OH	Carolyn M. Fisher, Columbus, OH	Kathy Sue Spanfellner, Danville, OH
Robert J. Gysan, Clyde, OH	Goldman & Braunstein, LLP, Columbus, OH	Art Komorowski, Dayton, OH
Robert Missler, Jr., Clyde, OH	Jerry T. & Nancy L. Davidson, Columbus, OH	John & Martha Jane Leask, Deerfield, OH
Ronald Kenne, Clyde, OH	John C. Fisher, OH Farm Burea Federation, Columbus, OH	Pat Ervin, Resource Energy, Inc., Deerfield, OH
Samuel J. Bard, Clyde, OH	Kay Barton, Columbus, OH	Alan Falor, Delta, OH
Stephen Clapp, Clyde, OH	Ohio Chamber of Commerce, Columbus, OH	Andrew L. Brehm & Nathan A. Brehm, Jenny L. Brehm Irrevocable Trust, Delta, OH
Steven Smith, Clyde, OH	Richard C. Sahali, Columbus, OH	Bob & Jan Bratton, Delta, OH
Thomas E. & Son Hui H. Kwiatkowski, Clyde, OH	Robert Schaller, A Schaller Limited Partnership, Columbus, OH	Carol Goldsmith, Delta, OH
Thomas W. & Cheryl A. Ferkel, Clyde, OH	Tara Paciorek, The State of Ohio, Columbus, OH	Cheryl Falor, Delta, OH
Troy Albright, Trendy Holdings Llc, Clyde, OH	Broad Street Energy Company, Columbus, OH	Cheryl Falor, Alan Falor & Carol Bensch, Life Estate, Delta, OH
Troy Johnson, Clyde, OH	Columbia Gas Of Ohio, Inc., Columbus, OH	Christopher Bratton, Delta, OH
William Ensign, Clyde, OH	Columbia Gas Transmission, Columbus, OH	Clifford C. Keil, Clifford C. Keil Trust Agreement, Delta, OH
A & P Farms LLC, Clyde, OH	State Of Ohio, Columbus, OH	Darrel G. Willson, Darrel G. Willson Revocable Living Trust, Delta, OH
Anna L. Bodemann Trust, Clyde, OH	State Of Ohio ODOT, Columbus, OH	Jay Budde, North-Western Ohio Rails To Trails Association, Inc., Delta, OH
Monica L. Wright Trust, Clyde, OH	The Doris Linerode Irmiter Trust, Columbus, OH	Larry J. Welch & M. Arthur Welch, Delta, OH
Thomas L. Wright Trust, Clyde, OH	William Cagle, Somerset Gas Transmission, LLC, Columbus, OH	Matthew Falor, Delta, OH
Tower Grain, LLC, Clyde, OH	Jeff Harmon, Medina Fuel Company, Inc., Coshocton, OH	Norman W & Vicky Bratton, Jr., Delta, OH
W R Enterprises LLC, Clyde, OH	Ohio Central Railroad Inc, Coshocton, OH	Patricia S. Stanley, Trustee, Delta, OH
Colerain Volunteer Fire Company Inc, Colerain, OH	Beth Hoffman, Cuyahoga Falls, OH	Paula S. Willson, Paula S. Willson Trust Agreement, Delta, OH
Brenda K. Witchey, Colerain, OH	Catherine Basile, Cuyahoga Falls, OH	Richard W. Snyder, Trustee, Delta, OH
David P., Jr. & Gregory W. Lash, Colerain, OH	Eva F. Stouffer, Cuyahoga Falls, OH	Seth William-Harold Brehm, Trustee, Delta, OH
Ernest D., Jr. & Lisa M. Kapiskosky, Colerain, OH	Jeff Luckay, Cuyahoga Falls, OH	Shirley A. Keil, Shirley A. Keil Trust Agreement, Delta, OH
Fredrick W. Gould, Colerain, OH	Karen Wagner, Cuyahoga Falls, OH	Wesley E. Willson, Willson Trust Agreement, Delta, OH
Judith L. Messenger, Colerain, OH	Paul Hefferon, Cuyahoga Falls, OH	Alberta A. Padyjasek, Dillonvale, OH
Martin P. & Lori Morrison, Colerain, OH	Richard & Shirley Culp, Cuyahoga Falls, OH	Allen K. Jaworski, Jr., Dillonvale, OH
Maryann Kunze, Colerain, OH	New Grill Road Properties LLC, Cuyahoga Falls, OH	Barbara & Thomas Isiminger, Dillonvale, OH
Paul Yourko, Colerain, OH	Daniel & Elizabeth Slabaugh, Dalton, OH	Benjamin J. & Dorrie A. Bintz, Dillonvale, OH
Ralph & Patricia Jones, Colerain, OH	Jacob Miller, Dalton, OH	Bob R. Oline, Dillonvale, OH
Rebecca Herndon, Colerain, OH	Joseph & Anna Miller, Dalton, OH	
Shirley Spoon, Colerain, OH	Lori Troyer, Dalton, OH	
Burdette D. Schmidt, Collins, OH		
Heilmann Henry L., Elizabeth H. McKernan Trust, Collins, OH		
Emery Krog Jr., Columbia Station, OH		
Frank Geisler, Columbia Station, OH		
Joseph Goss, Columbia Station, OH		

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C. Cory Nicely, Dillonvale, OH	Core M. Momchilov, Doylestown, OH	Lucille A. Dietry, Doylestown, OH
Dan G. & Cathie S. Jones, Dillonvale, OH	Daniel J. Keller, Doylestown, OH	Marlene J. Lindeman, Trustee, Doylestown, OH
Donald K. & Janet D. Kinnan, Dillonvale, OH	Dave Busson, Chippewa Township, Wayne Co. Board of Trustees, Doylestown, OH	Matthew L. Gentner, Doylestown, OH
Donald W., Jr. Dlesk, Dillonvale, OH	David D. & Christine J. Fazekas, Doylestown, OH	Miles P. Coughenour, Doylestown, OH
George J. & Jackie Peterson, Dillonvale, OH	David E. Holmes, Doylestown, OH	Pamela Busson, Doylestown, OH
George L., Jr. & Michelle R. Halaja, Dillonvale, OH	David L. & Brenda Lee Busson, Doylestown, OH	Pamela J. Myers, Doylestown, OH
George Lollathin, Dillonvale, OH	David R. & Marilyn S. Hill, Hill Family Trust, Doylestown, OH	Patricia A. Doyle, Doylestown, OH
Gerald C. & April L. Booth, Dillonvale, OH	Dawn C. Huebner, Doylestown, OH	Phyllis Ledford, Phyllis Ledford, Doylestown, OH
German & Anna Nydia Ortiz, Dillonvale, OH	Deborah A. (Fka Deborah Williams) & Dennis Bergeron, Doylestown, OH	Raymond A. Lewis, Doylestown, OH
Grace M. Luginiski, Dillonvale, OH	Edwin D. Ross, Doylestown, OH	Richard Galehouse, Doylestown, OH
James A. & Jacqui A. Sall, Dillonvale, OH	Eric S. Rubright, Doylestown, OH	Richard J. & Cheryl M. Dombroski, Doylestown, OH
James E. Nalley, Dillonvale, OH	Eugene T. Hafler, Doylestown, OH	Richard W. Talbott, Doylestown, OH
John Freeman Holmes, Dillonvale, OH	Frank M. & Ann Denise Vargo, Doylestown, OH	Rita Roberts, Doylestown, OH
Marilyn K. Zupko, Dillonvale, OH	Glenn L. & Linda I. Butcher, Doylestown, OH	Robert C. & Patricia Harrison, Doylestown, OH
Mark W. & Mary R. Mussard, Dillonvale, OH	Gregory & Melinda Renee Richardson, Doylestown, OH	Robert L. & Linda S. Knickerbocker, Doylestown, OH
Nicholas & Sheryl L. Stankovich, Dillonvale, OH	Harvey S. & Constance R. Bechtel, Doylestown, OH	Ronald E. & Judith Lindeman, Doylestown, OH
Richard D. Stobbs, Dillonvale, OH	James & Teresa A. Perry, Doylestown, OH	Ross W. & Rebecca J. Mollohan, Doylestown, OH
Roger G. & Lois J. Thompson, Dillonvale, OH	James C. & Nicole K. Cushing, Doylestown, OH	Scott A. & Charlene Moyer, Doylestown, OH
Stephen M. & Nelva Lattocha, Dillonvale, OH	James W. & Sandra L. Lusk, Doylestown, OH	Shirley A. Walsh, Doylestown, OH
Ronald L & Kimberly Cronebach, Dover, OH	Jason F. & Stacy M. Dutt, Doylestown, OH	Stephen J. & Teressa E. Jung, Doylestown, OH
Terry Brown, EnerVest Energy Partners, Dover, OH	Jerald A. & Clare G. Delventhal, Doylestown, OH	Stevan & Melita Stelkic, Doylestown, OH
Albert Paul & Dianne Hatala, Doylestown, OH	Joan Goch, Doylestown, OH	Thomas B. & Ina F. Gainer, Doylestown, OH
Alex S. Kulcsar, The Alex S. Kulcsar Real Estate Trust, Doylestown, OH	John & Sherry Karabatsos, Doylestown, OH	Thomas D. & Cathy L. Van Nostran, Crown Point Farms, Inc., Doylestown, OH
Alison Myers, Doylestown, OH	John C. & Rita L. Loggins, Doylestown, OH	Tony Lindeman, Doylestown, OH
Amanda J. Goff, Doylestown, OH	Joshua B. Brown, Doylestown, OH	Troy G. & Jennie McFarland, Doylestown, OH
Anna L. Kaim, Doylestown, OH	Karen S. Cutshall, Doylestown, OH	William J. Lepley, Jr., Doylestown, OH
Barbara L. North, Doylestown, OH	Keith M. & Paula D. Miller, Doylestown, OH	Dutt Family Properties, Inc., Doylestown, OH
Beverly Lindner, Doylestown, OH	Kenneth F. & Constance R. Clausen, Trustees, The Clausen Family Revocable Trust, Doylestown, OH	Geraldine L. Butcher Family Trust, Doylestown, OH
Bruce E. & Cheryl D. McCoy, Doylestown, OH	Lisa S. Somers, Doylestown, OH	JAS, LLC, Doylestown, OH
C. Ralph Gilbertson, Doylestown, OH		KDD Miller Farms Partners, Doylestown, OH
Carol J. Snyder, Doylestown, OH		Mary E. Boughman Revocable Trust, Doylestown, OH
Charolette L. Fraley, Doylestown, OH		

Appendix A Draft EIS Distribution List

Walsh Farms A General Partnership, Doylestown, OH	Jack Vincent, Jr., East Rochester, OH	Marvin & Martha Cook, Trustees, East Sparta, OH
Greg Belew, AT&T, Dublin, OH	James W. & Nancy E. Irwin, East Rochester, OH	Marvin L & Martha J Cook, Trustees, East Sparta, OH
Ohio Gas Association, Dublin, OH	Jeanne Lovejoy, East Rochester, OH	Mary Hill, East Sparta, OH
Urban Renewables II, LLC, Dublin, OH	Jim Irwin, East Rochester, OH	Michael Wiles, Jr, East Sparta, OH
Robert & Amanda Weaver, Dundee, OH	Keith R. & Amanda B. Sanor, East Rochester, OH	Richard Zaleski & Patricia Barnett, East Sparta, OH
Marjorie J. Ellyson Living Trust, E Rochester, OH	Kenneth Unkefer, East Rochester, OH	Rita Klever, East Sparta, OH
Jack Smalley, E. Rochester, OH	Kevin L. Kleinbeck, East Rochester, OH	Robert & Candy Carroll, East Sparta, OH
Thomas & Dorothy Lynch, East, OH	Leo & Mary Alice Davis, East Rochester, OH	Robert L Kirkpatrick, Etal, East Sparta, OH
Lozier Family LLC, East, OH	Lorie A. Smalley, East Rochester, OH	Steven Swank, East Sparta, OH
Tri-County Contractors, East, OH	Lorie K. Pollock, East Rochester, OH	Terri Cook, East Sparta, OH
Alan Fuller, East Canton, OH	Lucille M. Ellyson, East Rochester, OH	Terri Cook, East Sparta, OH
Daniel & Malinda Adams, East Canton, OH	Patricia L. Wutrick, East Rochester, OH	Terri Thornhill, East Sparta, OH
Dwain & Kathy Foltz, Trustees, Dwain R Foltz Trust, East Canton, OH	Patricia Zachman, East Rochester, OH	William R & Linda Lasure, East Sparta, OH
Earl Grove, East Canton, OH	R Mark & Judy Kohler, East Rochester, OH	I & L Ltd, East Sparta, OH
Gladys Bellamy, East Canton, OH	Samuel L. Figley, East Rochester, OH	Pike Twp Board Of Trustees, East Sparta, OH
Kris & Rebecca Vincent, East Canton, OH	Shawn McConville, East Rochester, OH	Senlen Corporation, East Sparta, OH
Kris G & Rebecca Vincent, East Canton, OH	Susan Hilverding, East Rochester, OH	Springwood Lake Ccpo Assn, East Sparta, OH
Lyndal Sr & Betty Tabler, East Canton, OH	Thomas R. Irwin, East Rochester, OH	Charlotte Wobser, Life Estate, Eastlake, OH
Robert Foltz, East Canton, OH	Timothy & Tamara Wilson, East Rochester, OH	Karen J. Tabar, Eastlake, OH
Steven Godfrey, East Canton, OH	Ayrview Acres LLC, East Rochester, OH	Charles Botzko, Elmore, OH
Tommy A & Minnie Metz, East Canton, OH	Benner Revocable Living Trust, East Rochester, OH	Daryl J. & Betty Jo Sherman, Elmore, OH
Vicki Lloyd-Bellamy, East Canton, OH	Big Arbs Enterprises LLC, East Rochester, OH	Deborah L. Johlin-Bach, Deborah L. Johlin-Bach Living Trust, Elmore, OH
Darije Family Limited Partnership, East Canton, OH	Alison Hoffa, East Sparta, OH	Gary W. Bach, Gary W. Bach Living Trust, Elmore, OH
Foltz & Foltz Ltd Partnership, East Canton, OH	David A & Theresa Collinsworth, East Sparta, OH	Trent Rutherford, Rothert Farm Inc., an Ohio Corporation, Elmore, OH
The Cheryl A. Hrovatic Trust, East Rochester, OH	Edward C & Betty Alborn, East Sparta, OH	Karen M. Haar Revocable Inter Vivos Trust Established April 4, 1997, Elmore, OH
Bruce L. & Jennine E. Woolf, East Rochester, OH	Ellen Vanpelt, East Sparta, OH	Hollie Hallman, Elyria, OH
Charles M. & Marjorie J. Ellyson, East Rochester, OH	Gabe & Robyn Hoffa, East Sparta, OH	Christine Bruce, Elyria, OH
Charlotte Jo Boord, East Rochester, OH	Gary & Betty Sayre, East Sparta, OH	Daniel T. & Cathern L. Fink, Elyria, OH
Cheryl Ann Giey, East Rochester, OH	Gary & Rhonda Fleischman, East Sparta, OH	Don Bohannon, Lorain County Engineer, Elyria, OH
David M. & Jo D. Unkefer, East Rochester, OH	Gary Kovach, East Sparta, OH	Ernie Nevelos, Lake Shore Railway Association Inc, Elyria, OH
Don Bush, East Rochester, OH	Jeffery Beshore, East Sparta, OH	
Donald J. Wutrick, East Rochester, OH	Kay Klever, East Sparta, OH	
Donald L. & Lorie K. Bush, East Rochester, OH	Linda Zaleski, East Sparta, OH	
	Mark Cook, East Sparta, OH	
	Mark Cook, East Sparta, OH	
	Martha Gordon, East Sparta, OH	

Appendix A Draft EIS Distribution List

Glenn L & Pamela M Miskov, Elyria, OH	Arley M. Stewart, Fremont, OH	Jeffrey A. Biehler, Fremont, OH
Richard Szantay, Elyria, OH	Barbara J Shively, Fremont, OH	Jerri Miller, Auditor, Fremont, OH
Rob Shulman, Elyria, OH	Benjamin Shively, Life Estate, Fremont, OH	Jerry R. & Brenda K. Stults, Fremont, OH
Wayne Wade, Elyria, OH	Bernard R. Overmyer, Fremont, OH	Joel A. Lagrou, Fremont, OH
Lake Shore Railway Association Inc, Elyria, OH	Brad J. Edmonds & Andrew J. Edmonds & Candace D. Edmonds, Fremont, OH	John E. Payne, John E. Payne LLC, Fremont, OH
Gary W. & Kathryn I. Kothe, Elyria, OH	Brad L. & Barbara E. Bristley, Fremont, OH	John P Mollinger, Fremont, OH
Mary Ann McGuckin, Fairlawn, OH	Brandon T. Jones & April N. Ratliff, Fremont, OH	John P. & Jean M. Anderson, Fremont, OH
William Hlavin, Bass Energy, Inc., Fairlawn, OH	Brenda Black, Fremont, OH	John W. Antesberger, Fremont, OH
Richard A. Smith, Kenneth S. Smith Trust Agreement, Findlay, OH	Bruce Shank, Sandusky Township, Fremont, OH	Joseph A. & Patricia L. & James L. & Judith K. Halbeisen, Halbeisen Living Trust, Fremont, OH
Hardin Street Transportation, LLC, Findlay, OH	Carol S. Crump, Fremont, OH	Kay Lynn Koch, Fremont, OH
State Of OHIO, Findlay, OH	Charles A. Weickert, Weickert Farms LLC, Fremont, OH	Kimberly Elfring, Fremont, OH
Stoneco, Inc., Findlay, OH	Charles F. Hetrick, Life Estate, Fremont, OH	Larry Willey, Fremont, OH
Aden Yoder, Fredericksburg, OH	Chris E. Schwochow, Fremont, OH	Lawrene C. Bruggeman, Fremont, OH
Andrew Troyer, Fredericksburg, OH	Christie L. O'Brien, Fremont, OH	Lori Kepus, Woodville Township, Fremont, OH
Crist Miller, Fredericksburg, OH	Christie Schneider, Fremont, OH	Mary Jane Hasselbach, Fremont, OH
Dennis Wengerd, Fredericksburg, OH	Clarence L. & Sandra S. Weickert, Jr., Fremont, OH	Michael A. Hrupcho, Fremont, OH
Donald Rhamy, Fredericksburg, OH	Constance I. Longanbach, Fremont, OH	Michael B. Schlegel, Fremont, OH
Levi Miller, Jr, Fredericksburg, OH	David W. & Lisa J. Sachs, Fremont, OH	Michael B. Schlegel, Fremont, OH
Lynne & Kenneth Orr, Fredericksburg, OH	Deborah S. Beard, Fremont, OH	Michael C. Gruss, Fremont, OH
Owen & Laura Mast, Fredericksburg, OH	Diane Fails, Fremont, OH	Michael Longanbach, Fremont, OH
Robert Kein, Fredericksburg, OH	Don Atkinson, RICE TWP of Sandusky County, Fremont, OH	Norma L. Pence, Fremont, OH
Steven & Martha Yoder, Fredericksburg, OH	Donald J. & Rosemary L. Wensinger, II, Fremont, OH	Patricia Kiser, Fremont, OH
Vernon Yoder, Fredericksburg, OH	Duane E. & Robin S. Reese, Fremont, OH	Paul Parkhurst, Fremont, OH
Lisa Tharp, Ohio State Grange, Frederickstown, OH	Elizabeth Herman, Life Estate, Fremont, OH	Peter A. & Marcella Naderer, Fremont, OH
Angela L Morelock, Chamber of Commerce of Sandusky County, Fremont, OH	Eric J. & Joan A. Magnuson, Fremont, OH	Philip Brooks, Fremont, OH
James E Ardner, Fremont, OH	Gary H. & Lynn M. Emery, Fremont, OH	Rich Randolph, Sandusky County Engineer, Fremont, OH
Kenneth D. & Deborah S. Ruttig, Freeport, OH	George J. Rathfelder, George J. Rathfelder Declaration of Trust, Fremont, OH	Richard D. Beard, Fremont, OH
L&M Farms Inc., Fremont, OH	Gilbert C. & Catherine A. Overmyer, Fremont, OH	Robert & Robin Roth, Robert & Robin Roth Revocable Living Trust, Fremont, OH
The Board of Commissioners of the Sandusky County Park District, Fremont, OH	Howard N. Schlegel, Fremont, OH	Ronald A. & Shari Snyder, Fremont, OH
The Fremont Chapter, Fremont, OH	James E. & Linda K. Ardner, Fremont, OH	Ronald L. & Debra B. Conner, Fremont, OH
Anthony Polter, Polter Brothers Farms LLC, an Ohio limited liability company, Fremont, OH	James J. Sheenan, Fremont, OH	Ronald L. Root, Fremont, OH
		Scott A Logan, Fremont, OH
		Scott L. Rathfelder, Sr., Ralph L. Rathfelder Revocable Living Trust, Fremont, OH

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Stephen J. & Cynthia A. Frontz, Fremont, OH	Douglas R. Edwards, Remainderman, Gibsonburg, OH	Albert L. Weigel, Grafton, OH
Teresa Sattler, Fremont, OH	Evan A. Miller, Gibsonburg, OH	Andrew Pennell, Grafton, OH
Thomas J. & Margaret E. Wagner and Walter & Marjorie Bumb, Fremont, OH	Girea J. Haskill & Richard G. Arndt, Gibsonburg, OH	Anna Marie Gibbons, Grafton, OH
Thomas J. Wagner & Margaret E. Wagner, Fremont, OH	Jerry P. Schuett, Gibsonburg, OH	Bobbie Burey, Grafton, OH
Thomas K. & Laura M. Krynock, Fremont, OH	John C. Schuett, Gibsonburg, OH	Bonnie L. Facemire, Grafton, OH
Thomas Kistler, Fremont, OH	Joseph T & Brenda J Wagner, Gibsonburg, OH	Brian Cole, Grafton, OH
Thomas L. Antesberger, Fremont, OH	Joyce E. Harruff, Gibsonburg, OH	Brian Mohoney, Grafton, OH
Todd Edward & Dawn Marie Williams, Fremont, OH	Joyce Labine, Gibsonburg, OH	Charlene F. Adkins, Grafton, OH
Troy Amor, Armor Farms LLC II, Fremont, OH	Karl Raymond Bury, Gibsonburg, OH	David Espansandin, Grafton, OH
Vincent P. & Mary K. Reiter, Fremont, OH	Keith A. Edwards, Remainderman, Gibsonburg, OH	Dawn M. McKimmie, Grafton, OH
William A. Bordner, Fremont, OH	Lisa Ann Bury, Gibsonburg, OH	Dennis & Deborah Uehlein, Grafton, OH
Chaberlain Family Revocable Living Trust, Fremont, OH	Lorenna J. Rothert, Remainderman, Gibsonburg, OH	Dennis J. & Jayne E. Walter, Grafton, OH
Howard N. Schlegel, Life Estate, Fremont, OH	Lyman Eugene Crawfoot, Jr., Gibsonburg, OH	Donald Miller, Grafton, OH
Keith A. King and Beverly J. King Joint Trust, Fremont, OH	Margaret B. Edwards, Life Estate, Gibsonburg, OH	Faith Costilow, Grafton, OH
Ohms Acres, LLC, Fremont, OH	Mark L. & Diane M. Buck, Gibsonburg, OH	Gilbert E. & Joyce M. Haury, Grafton, OH
James O. & Candace L. Rosenberger, Fremont, OH	Mark L. Buck, Gibsonburg, OH	Gina Cole, Grafton, OH
Donald J. & Rosemary L. Wensinger, Fremont, OH	Mary Schraeder, Gibsonburg, OH	Helen Louise Rader, Grafton, OH
Kenneth A. & Barbara J. Ackerman, Fremont, OH	Michael L. and Tina M. Watkins, Vendees, Gibsonburg, OH	Jack L. & Shirley A. Clifford, Grafton, OH
Rick A. & Kathryn A. Talbert, Fremont, OH	Randall Martin Bury, Gibsonburg, OH	James L. Weigel, Grafton, OH
Tomas M. & Jacqueline A. Mendoza, Fremont, OH	Richard G. Arndt, Gibsonburg, OH	Jay L. & Michele A. Squire, Grafton, OH
John Harrison, American Electric Power (AEP), Gahanna, OH	Robert A. & Mary J. Schroeder, Gibsonburg, OH	Jean Haight, Grafton, OH
Nola Mohrman, Trustee Etal, Galena, OH	Robert F Miller, Gibsonburg, OH	Jean M. Porter, Grafton, OH
Carol K. Deal, Genoa, OH	Robert L. Gerwin, Gibsonburg, OH	Jerry R. Weigel, Grafton, OH
Marlene Stelnicki, Genoa, OH	Ronald C. & Ruth A. Humburg, Gibsonburg, OH	Jerry W. Kelley, Grafton, OH
Carol L. Miller, Gibonburgh, OH	Sarah Shively, Next Level Auto Sales, Gibsonburg, OH	Jimmy L. & Rose M. Cornell, Grafton, OH
Carol E. Lindsay, Remainderman, Gibsonburg, OH	Scot E. Haar, Gibsonburg, OH	John A. Setlock, Grafton, OH
Charles J. Rupke, Gibsonburg, OH	Sharon H. Bury aka Sharon L. Bury, Life Estate, Gibsonburg, OH	John J. & Cynthia L. McFadian, Grafton, OH
David C. & Debra L. Beeker, Gibsonburg, OH	Shon A. & Amy L. Lawless, Gibsonburg, OH	John M. & Elizabeth A. Patton, Grafton, OH
Douglas R. & Gail L. Edwards, Gibsonburg, OH	Steve M. Conrad, Gibsonburg, OH	John R. & Lizabeth L. Muellauer, Grafton, OH
	Ustolia Escobedo, Gibsonburg, OH	Jose M. & Dolores M. Cruz, Grafton, OH
	Yvonne A. Long, Gibsonburg, OH	Joyce Harvey, Grafton, OH
	The Robert and Mary Blausey Trust, Gibsonburg, OH	Keith A. & Kimberly A. Wagner, Grafton, OH
	Albert L. & Lynn R. Weigel, Grafton, OH	Keith R. Falkowski, Grafton, OH
		Kenny L. Hodges, Grafton, OH
		Laura J. Konas, Grafton, OH
		Laurie Weigelt, Grafton, OH

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Lawrance Plas, Grafton, OH	Wendy Mohoney Montoney, Grafton, OH	City of Green, Green, OH
Linda O'Donnell & Marilyn Filimon, Grafton, OH	William G. Johnson, Grafton, OH	Danny J. & Elizabeth B. Anstead, Green Springs, OH
Lori A. Swain, Grafton, OH	42 Raceway LLC, Grafton, OH	Michael J. & Carrie A. McDonald, Green Springs, OH
Louis E. & Shelby A. Charlton, Grafton, OH	Hrusch Family Revocable Living Trust, Grafton, OH	Diana H. Neff, Greentown, OH
Luci Thomas, Grafton, OH	Pullen Family Revocable Living Trust, Grafton, OH	Ryan S. Thompson, Greentown, OH
Marian M. Weigel, Grafton, OH	Ross Consolidated Corp, Grafton, OH	Sherry L. Thompson, Greentown, OH
Marilyn R. Griffin, Grafton, OH	Weigel Farms Inc, Grafton, OH	Ted D. & Carole L. Rohrer, Greentown, OH
Mark R. & Judith L. Wakefield, Grafton, OH	Dale R & Roberta J Kitchen, Grand Rapids, OH	Melissa Dyer, Green Schools Foundation, Greenwich, OH
Metro Parks Lorain County, Grafton, OH	Frank Goods, Grand Rapids, OH	Michael Dangelo, Greenwich, OH
Michael & Jeanne Debs, Grafton, OH	John Strayer, Grand Rapids, OH	Shirley Oney, Greenwich, OH
Michael P. Buckley, Grafton, OH	Larry & Suzanne Mary Hancock, Grand Rapids, OH	Gregory A. & Brenda S. Goble, Greenwich, OH
Minta A. Monchein, Trustee and Settlor, Grafton, OH	Leatra Harper, Freshwater Accountability Project, Grand Rapids, OH	Anthony Arnoto, Jr., Hanoverton, OH
Patrick Fraley, Grafton, OH	Leatra Harper, Grand Rapids, OH	Becky L. Crawford, Hanoverton, OH
Peter P Favorito, Grafton, OH	Luke Hutchinson, Grand Rapids, OH	Becky Lynn Crawford, Hanoverton, OH
Rae Buckley, Grafton, OH	Marjorie Hertzfeld, Grand Rapids, OH	Bonita Trumble, Hanoverton, OH
Ralph N. & Desirae A. Shie, III, Grafton, OH	Rhonda Mokri, Grand Rapids, OH	Burdette & Shirley Solomon, Hanoverton, OH
Rebecca L. & Kyle N. Atwood, Grafton, OH	Richard D & Shirley Hester, Grand Rapids, OH	Carol Ossler, Hanoverton, OH
Rhonda S. Bruchac, Grafton, OH	William H & Margaret M Johnson, Grand Rapids, OH	Charles & Terry Ankeny, Jr., Hanoverton, OH
Robert F. Monchein, Grafton, OH	Donna M. Box Trust, Grand Rapids, OH	Charles M. & V. Susan Pritchard, Hanoverton, OH
Roger D. & Rebecca A. Canterbury, Grafton, OH	H.H.H. Enterprises, Grand Rapids, OH	Cheryl Watson, Hanoverton, OH
Sharon Pall, Grafton, OH	Hertzfeld Poultry Farms, Grand Rapids, OH	Cynthia D. Stoughton, Hanoverton, OH
Sheryl Billman, Grafton, OH	Hertzfeld Poultry Farms Inc., Grand Rapids, OH	Dean & Betty Kibler, Hanoverton, OH
Steve & Denise Shanno, Grafton, OH	James D Hertzfeld Family Limited Partnership, Grand Rapids, OH	Dean & Betty Kibler, Hanoverton, OH
Susan K. Sandstrom, Grafton, OH	James D. & Mary Lou Hertzfeld Trust, Grand Rapids, OH	Dean A. & Betty J. Kibler, Hanoverton, OH
Ted J. Shriver, TJS Trust, UWA, Grafton, OH	Richard G. and Marjorie R. Hertzfeld Family, Grand Rapids, OH	Dorothy L Ward, Hanoverton, OH
Thomas Herron, Grafton, OH	The Judith E. Kovach Living Trust, Grand Rapids, OH	Edwin Brenner, Hanoverton, OH
Thomas L. & Patricia M. Marquard, Grafton, OH	Green Bulldog Youth Football, Green, OH	George Kimble & Sandra Gaye Wilson, Hanoverton, OH
Thomas M. & Linda Smolilo, Grafton, OH	Green Lacrosse Club, Green, OH	Gerald & Wanda Kidder, Hanoverton, OH
Thomas R. & Rachele A. Podulka, Grafton, OH	John Walch, City of Green , Green, OH	Grant M. Wilson, Hanoverton, OH
Thomas R. Podulka, Grafton, OH	Tammy Daly, Green Soccer Association, Green, OH	J. Mark & Mary Prosko, Hanoverton, OH
Timothy & Bernadette A. Zielinski, Grafton, OH	Wayne L. Wiethe, AICP, City of Green, Green, OH	Jack Mcintosh, Hanoverton, OH
Timothy R. Dostall, Grafton, OH		James Kibler, Hanoverton, OH
Virginia O. Moore, Grafton, OH		James Solomon, Hanoverton, OH
Wayne W. Wise, Grafton, OH		Janice K. Gruszecki, Janice K. Gruszecki Revocable Living Trust, Hanoverton, OH

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John Leach, Hanoverton, OH	Columbia Gas Transmission Corp, Hanoverton, OH	Janice L. Burchfield, Janice L. Burchfield Trust Agreement, Holland, OH
John & Lori Tucker, Hanoverton, OH	Jay Lugibihl Properties LLC, Hanoverton, OH	Josh Hazard, Lucas County, Holland, OH
John Thomas, Hanoverton, OH	Kensington Enterprises, LLC, Hanoverton, OH	Norman Malkin, Holland, OH
Joseph D. Ray, Hanoverton, OH	Wilson's Sandy Creek Land LLC, Hanoverton, OH	Susan Bones, Holland, OH
Joseph Ray, Hanoverton, OH	Tri County Water Authority Of Harrisville, Harrisville, OH	Thomas J. & Sharon Puhl, Holland, OH
Joshua J. & Beth D. Swogger, Hanoverton, OH	Charles M. & Cheryl A. Shoulders, Hartville, OH	John C. Burchfield, Trustee, Holland, OH
Keith Sell, Hanoverton, OH	Darrin J. & Donna J. Noble, Hartville, OH	The Revocable Trust Agreement of John C. Burchfield, Holland, OH
Kevin & Barbara Hitchcock, Hanoverton, OH	Eugene R. & Rebecca S. Martz, Hartville, OH	Rosella Bezio, Holland, OH
Kiko Russell T Jr Russell T Kiko Jr (Te), Hanoverton, OH	James M. & Bethia J. Herbruck, Hartville, OH	Anna R Clark, Homerville, OH
Larry Brogan, Hanoverton, OH	Jeffery A. Bynum, Hartville, OH	Claude W & Gloria J Doering, Homerville, OH
Leroy Ridgeway, Hanover Township, Columbiana Co. Board of Trustees, Hanoverton, OH	Katherine E. Shoulders, Hartville, OH	Dan C & Katie E Zook, Homerville, OH
Mancil & Agnes Ridgeway, Hanoverton, OH	Leroy J. & Martha M. Yoder, Hartville, OH	Dan D & Mary Yoder, Homerville, OH
Margie K. Berresford, Hanoverton, OH	Levon Hill, Lake Township, Stark Co. Board of Trustees, Hartville, OH	Daniel C & Sheila K Metzger, Homerville, OH
Michael & Jan Blazer, Hanoverton, OH	Louetta Mills, Hartville, OH	David E Bowen, Homerville, OH
Michael & Karen Gruszecki, Hanoverton, OH	Rick Pergert, Marlboro Township, Stark Co. Board of Trustees, Hartville, OH	Don E & Laura J Scarbrough, Homerville, OH
Michael E. & Karen S. Gruszecki, Hanoverton, OH	Steven L. Grose, Hartville, OH	Edward W & Joyce M Frank, Homerville, OH
Michael Gruszecki, Jr, Hanoverton, OH	Thomas A. & Elizabeth A. Burick, Hartville, OH	Eulynn K & Daniel E Crissey, Homerville, OH
Michael J. & Rebekah R. Chestnut, Hanoverton, OH	Troy Valasek, Enervest Energy Partners, LLC, Hartville, OH	George J & Ann L Miller, Homerville, OH
Nancy Clapsadle, Hanoverton, OH	Cra Properties I Ltd, Hartville, OH	Isaac L & Sarah Keim, Homerville, OH
Nancy L. Clapsadle, Hanoverton, OH	Glenwood Holdings, LLC, Hartville, OH	James J & Alice Emmert, Homerville, OH
Nathan A. Wilson, Hanoverton, OH	Pavlak Enterprises Inc., Hartville, OH	Janet L Jenkins, Homerville, OH
Patrick R. Hallock, Hanoverton, OH	The Jacovetty Revocable Living Trust, Hartville, OH	Jo I & Amanda J Keim, Homerville, OH
Peggy Ann Mix, Hanoverton, OH	The Linda P. Lahr Revocable Trust, Hartville, OH	John A & Susie Keim & Alvin L & Annie Keim, Homerville, OH
Phillip T. & Mary M. Wolfgang, Hanoverton, OH	The Woodrow L. Lahr Revocable Trust, Hartville, OH	John J & Sandra Lee Hojnacki, Homerville, OH
Rudolph Sobotka, Hanoverton, OH	Dean James LLC, Haskins, OH	Michael Steele, Homerville, OH
Russell & Rebecca Miller, Hanoverton, OH	Jeff Ford, Middleton Township (Wood County), Haskins, OH	Peter J & Saloma P Hershberger, Homerville, OH
Russell & Rebecca Miller, Sr, Hanoverton, OH	Luke Shipp, Haskins, OH	Sam A & Lizzie J Weaver, Homerville, OH
Sandra Kay Tedeschi, Hanoverton, OH	E Louise Perkins, Hincley, OH	Scott E Joss, Homerville, OH
Scott Kibler, Hanoverton, OH	Daniel W. Keivens, Holland, OH	Timothy D & Tracey L Naftzger, Homerville, OH
Sidney A. Isenschmid, Hanoverton, OH	Janet Traub, Oak Openings Region Conservancy, Holland, OH	Todd M & Angela Dudziak, Homerville, OH
Steven Jenkins, Hanoverton, OH		Bailey Building & Loan LLC, Homerville, OH
Susan Lee Drotleff, Hanoverton, OH		
Vinson Allen Ward, Hanoverton, OH		
Bangor LLC, Hanoverton, OH		

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Homer Grange Limited, Homerville, OH	Paul W. & Jennifer L. Wallace, Homeworth, OH	La Claire Evans, Huron, OH
Amanda L. Kinsey, Homeworth, OH	Randall A. & Barbara Burtnett, Homeworth, OH	Rita M. Boetticher, Boetticher Living Trust, Huron, OH
Amy K. Wardeska, Homeworth, OH	Randy A. & Donna M. Taraszewski Manning, Homeworth, OH	Robert L. Taylor (Life Estate), Huron, OH
Angela Ann Eglie, Homeworth, OH	Ryan N. & Rachelle A. Betz, Homeworth, OH	Robert W. & Lynda M. Wilcox, Huron, OH
Bradley E. & Nerissa L. Maris, Homeworth, OH	Sandra L. Blackmon, Homeworth, OH	Ronald L. & Sandra Johnson, Ronald Johnson Trust, Huron, OH
Daniel & Kathleen Chapanar, Homeworth, OH	Seth L. Dehoff, Homeworth, OH	Scott Matheny, Huron, OH
Daniel A. & Susanne E. Dickerhoof, Homeworth, OH	Thomas C. & Brenda J. Samblanet, Homeworth, OH	Mathew Rousseau, Independence, OH
Darick E. & Crystal L. Miller, Homeworth, OH	Timothy J. & Theresa A. Stryffeler, Homeworth, OH	Sophocles Sophocleous, JSTG Mentor Properties LLC, Independence, OH
David L. & Susan J. Farnsworth, Homeworth, OH	William C. Waltenberger, Homeworth, OH	Greg A. & Nancy J. Baumberger, Jacobsburg, OH
Douglas E. & Linda K. Arbogast, Homeworth, OH	Campbell Family Land, LLC, Homeworth, OH	Utica East Ohio Midstream LLC, Kensington, OH
Eldis R. & Blanche E. Zeller, Homeworth, OH	George & Knox, LTD., Homeworth, OH	Aaron K. & Lindsay D. Short, Kensington, OH
Ernest S. & Sharon J. West, Homeworth, OH	Sanor Irrevocable Trust, Homeworth, OH	Al D. Holenchick, Kensington, OH
Eugene W. Hawthorne, Homeworth, OH	Mark Hall, Hubbard, OH	Alan Seth Greenwald, Kensington, OH
Gerald L. & Sandra K. Johanning, Homeworth, OH	Larry A. Schmidt, Estate of Donald W. Schmidt, Hudson, OH	Alyssa R. Miller, Kensington, OH
Glenda Mellott, Homeworth, OH	Melissa Mulvihill, Hudson, OH	Austin Berresford, Kensington, OH
Gregory Carver, Knox Township, Columbiana Co. Board of Trustees, Homeworth, OH	Charles D. & Mary A. Swineford, The Swineford Living Trust, Huron, OH	Barbara Norton, Kensington, OH
Jennifer L. Brahler, Homeworth, OH	Cynthia Fialk, Huron, OH	Bennie & Wilma Hillyer, Kensington, OH
Jerry A. Shafer, Homeworth, OH	Dan Benson, Huron, OH	Betty Barnes, Kensington, OH
John M. & Laurene M. Koziatek Kiel, Homeworth, OH	James A. & Kelly A. Spehar, Huron, OH	Betty Mckarns, Kensington, OH
John P. Rose, Sr., The John P. Rose, Sr. Revocable Living Trust, Homeworth, OH	James W. III and Jennifer C. Steigner, Huron, OH	Beula Stackhouse, Kensington, OH
Josh J. & Lisa K. Moore, Homeworth, OH	Jodi Ruth Taylor Harris, Huron, OH	Burton & Donna Manfull, Kensington, OH
Larry H. Riddle, Homeworth, OH	John E. Pais, Huron, OH	Byron Melville, Kensington, OH
Lona Jane Campbell, Homeworth, OH	Lawrence E. & Laura J. Cornett, Huron, OH	Catherine Phillips, Kensington, OH
Mark A. & Mary M. Franks, Homeworth, OH	Lily Evans, Huron, OH	Charles & Patricia Clark, Kensington, OH
Mark A. Hawthorne, Homeworth, OH	Robert Boehk, Erie Materials Inc., Huron, OH	Dannie & Kathy Fillman, Kensington, OH
Maurice C. & Ada Sue Dehoff, Homeworth, OH	Robert L. Taylor, Et al, Huron, OH	David & Linda Huffman, Kensington, OH
Michael E. & Terri A. Barborak, Homeworth, OH	Robert S. Taylor, Huron, OH	David Gromley, Kensington, OH
Patricia & Timothy J. Lanzer, The Patricia L. Lanzer Revocable Trust, Homeworth, OH	Robert W. Wilcox, Huron, OH	Deborah Niswonger, Kensington, OH
Patricia & Timothy J. Lanzer, The Timothy J. Lanzer Revocable Trust, Homeworth, OH	Stuart L. & Ginger G. Taylor, Huron, OH	Edwin L. Brenner, Kensington, OH
	Todd V. Taylor, Huron, OH	Effie Huffine, Kensington, OH
	Todd W. & Mary Jane Anderson, Huron, OH	Evelyn Greenwald, Kensington, OH
	David N. & Patricia Wilcox, Huron, OH	Floyd & Geraldine Minard, Kensington, OH
		Francis & Holly Abel, Kensington, OH

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Frank & Brandy Burchik, Kensington, OH	Randall & Melinda Speirs, Kensington, OH	Kipton Sportmens Club Inc, Kipton, OH
Frank Coniglio, Jr., Kensington, OH	Randy & Patrick Oconnor, Kensington, OH	The Board of Commissioners, Lorain County Metropolitan Park District, La Grange, OH
Gary Herold, Kensington, OH	Raymond & Genia Gromley, Kensington, OH	Charles E. & Nan L. Brown, La Grange, OH
Gary & Lois Noling, Kensington, OH	Rebecca Hofmeister, Kensington, OH	Darel L. & Bonnie S. Underwood, La Grange, OH
George Oyer, Kensington, OH	Richard & Nicole Kiko, Kensington, OH	Gerald K. & Carol Ann Squire, Squire Family Revocable Living Trust, La Grange, OH
George Smith, Kensington, OH	Rick Smalley, Kensington, OH	James A. Plas, The James A. Plas Revocable Trust, La Grange, OH
Gloria Ridgeway, Kensington, OH	Rita M. Ankeny, Kensington, OH	Joseph J. & Mary J. Zalka, Jr., La Grange, OH
Hobart & Dianna Erb, Kensington, OH	Robert & Angela Manfull, Hanover Township, Kensington, OH	Larry N. Grimes, La Grange, OH
Jack H. & Jackie R. Wilson, Kensington, OH	Robert & Marcia Wood, Kensington, OH	Ronald J. Pickworth, La Grange, OH
James & Hazel Close, Kensington, OH	Robert G. Harvey, The Robert G. Harvey Trust, Kensington, OH	Albert L. & Anna Mae Koch, LaGrange, OH
James & Rebecca Denman, Kensington, OH	Ronald & Susan Little, Kensington, OH	Chad & Sarah Senghas, LaGrange, OH
James & Stefanie Higgins, Kensington, OH	Ronald S. & Rebecca Kress, Jr., Kensington, OH	Dave French, Road Superintendent, LaGrange Township, Lagrange, OH
Jason & Trudy Minard, Kensington, OH	Russell Brown, Kensington, OH	David N. & Susan M. Detardo, LaGrange, OH
Jason Jackson, Kensington, OH	Rusty & Lisa Grubbs, Trustees, Kensington, OH	Deborah Mullins, LaGrange, OH
Jeffrey Yeager, Kensington, OH	Shawn & Alissa Ganslein, Kensington, OH	Donald A Piwinski II, LaGrange, OH
Jeremy Kohler, Kensington, OH	Sherry Berresford, Kensington, OH	Dorothy M. Wash, LaGrange, OH
John & April Berresford, Kensington, OH	Stephen & Susan Smith, Kensington, OH	Gregory D. Bradford, LaGrange, OH
John D. & Kendra A. Alexander, Kensington, OH	Steven J. Paul, Kensington, OH	Guy K. & Belinda J. J Borders, LaGrange, OH
Joseph & Sharon Toalston, Kensington, OH	Susan Hines, Kensington, OH	James E. McHugh & Kimberly A. Callihan, LaGrange, OH
Joseph Coniglio, Kensington, OH	Todd & Tiffany Stout, Kensington, OH	Joseph E. Cogar, Sr, Lagrange, OH
Joseph M. & Leatta M. Davis, Kensington, OH	Tracey Lindsay, Kensington, OH	Kathleen Zalka, LaGrange, OH
Karen S. Guappone, Kensington, OH	Vinson & Leslie Ward, Kensington, OH	Kevin Friend, Lagrange, OH
Kenneth & Naomi Sell, Kensington, OH	Virgil E. & Patricia A. Curfman, Kensington, OH	Kevin V. Riley, LaGrange, OH
Kimerly S. Cowgill, Kensington, OH	Virginia Bender, Kensington, OH	Mark & Karen Sue Smith, LaGrange, OH
Linda Beadnell, Kensington, OH	First Christian Church of Kensington, Kensington, OH	Martha Zalka, LaGrange, OH
Lizette Brogan, Kensington, OH	Manfulls Service, LLC, Kensington, OH	Michael J. & Barbara L. Rodak, Mr. & Mrs. Michael J. & Barbara L. Rodak LLC, Lagrange, OH
Mary Cotton, Kensington, OH	Rosebud Mining Company, Kensington, OH	Michael J. & Suzanne A. Piscione, Lagrange, OH
Matthew & Laura Grubb, Kensington, OH	Chuck Price, Carter Lumber Development Co., Kent, OH	Mike Mullen, Lagrange, OH
Micah & Rosanne Klippenstein, Kensington, OH	James R. & Alexis N. Weirick, Kent, OH	Mildred Karpinski, Lagrange, OH
Mitchell Mcguire, Kensington, OH	Erwin Fieni, Kidron, OH	Nancy Jean Clark, LaGrange, OH
Paula Moore, Kensington, OH	Drew D. Phillips, Kipton, OH	Nicholas Anikienko, Lagrange, OH
Peggy Bhe, Kensington, OH	George J. & Sandra L. Springer, Kipton, OH	
R S & Rebecca Kress, Jr., Kensington, OH		
Ralph Edward Kreps, Kensington, OH		
Ralph Kreps, Kensington, OH		
Ralph R. Guappone, Kensington, OH		

Appendix A Draft EIS Distribution List

Paul L. & Eva J. Setliff, Lagrange, OH	James F. & Margaret E. Schwartz, Lindsey, OH	Michael Poindexter, Logan, OH
Rodney A. Peters, LaGrange, OH	Judy Mauch, Washusky Farms Ltd., Lindsey, OH	Steven Poindexter, Logan, OH
Seth J. & Melissa L. Linebrink, Lagrange, OH	Kenneth D. & Gloria J. Root, Lindsey, OH	First Federal Savings & Loan Association of Lorain, Ohio, Lorain, OH
Thomas J. Nolan, LaGrange, OH	Lauralee S. Wyss, Lindsey, OH	West Park Limited Inc, Lorain, OH
Tracy L & Michael E Payne, LaGrange, OH	Paula Fahle, Washington Township (Sandusky County), Lindsey, OH	Guy Eddy, Lorain, OH
Wiley Setliff, Lagrange, OH	Robert & Sandi Reed, Lindsey, OH	Kathleen Markus-Walczak, Lorain, OH
Willie & Patricia Layne, LaGrange, OH	Ronald C. Mauch, Lindsey, OH	Olga Martinez, Lorain, OH
Willie C. & Gail L. Howard, Lagrange, OH	Ronald Mauch, CBR Farms, LTD, Lindsey, OH	Peter Goldauskas, Lorain, OH
Metro Parks Lorain County, Lagrange, OH	Scott D. & Kelly A. Weickert, Lindsey, OH	Rebecca Lewis, Lorain, OH
Jim Truesdell, Rural Lorain County Water Authority, Lagrange, OH	Scott L. Smith, Lindsey, OH	Renell Taylor, Lorain, OH
Saleem S. & Noorjehan B. Syed, Lakewood, OH	Vernon P. & Marjorie A. Roepke, Lindsey, OH	Rudolph G. & Judy G. Kubasak, R&J Kubasak Revocable Trust, Lorain, OH
Lori Krumler, Lawrence, OH	John G. & Judith A. Neill Joint Trust, Lindsey, OH	Victoria Young, Lorian, OH
Doris Mango, Leetonia, OH	David P. Price, Lindsey, OH	Alice V. Butler, Trustee, Louisville, OH
Brian R. & Teresa Dotts, Liberty Center, OH	Frank N Laughlin, Lindsey, OH	Alton Edgar & Carol Lee Smith, Louisville, OH
Charles F. II & Rhonda L. Fehrenbach, Liberty Center, OH	Jim Hoppel, Lisbon, OH	Ann Hans, Louisville, OH
Darwin & Mary Box, Liberty Center, OH	Michael S. & Tina M. Strong, Lisbon, OH	Anthony M. Milini, Louisville, OH
James Christopher Ford, Liberty Center, OH	Michael Strong, Strong Family Investments, Lisbon, OH	Carl & Beth A. Strouble, Louisville, OH
JoAnn Dawe, JoAnn Dawe Trust, Liberty Center, OH	Paula S. McDonald, Lisbon, OH	Darrin T. & Cheryl E. Metzger, Louisville, OH
Joe Sminsky, Liberty Center, OH	Robert Durbin, Columbiana County Engineer, Lisbon, OH	David L. & Bonnie L. Miller, Louisville, OH
John M. Dawe, Liberty Center, OH	Rosemary Betz, Lisbon, OH	Donald E. Linhart, The Donald E. Linhart Revocable Trust, Louisville, OH
Matthew G Thomas, Liberty Center, OH	Roy Larkins, Lisbon, OH	Donald J. & Patricia L. Haubert, Louisville, OH
Nancy Smitley, Liberty Center, OH	Sean Logan, Lisbon, OH	Dorothy & Barnes Harold, Louisville, OH
Ralph D. & Dolly I. Lybarger, The Ralph D. Lybarger & Dolly I. Lybarger Revocable Living Trust, Liberty Center, OH	Andrea Stewart, Litchfield, OH	Doug Linhart, Linhart Farm, Louisville, OH
Ryan M & Lindsay R Strayer, Liberty Center, OH	David Berry, Litchfield, OH	Doug Linhart, Louisville, OH
Thomas M. Dawe, Thomas M. Dawe Trust Agreement, Liberty Center, OH	Dennis & Jessica Ryncarz, Litchfield, OH	Dwight S. Raber, Louisville, OH
Timothy J & Karen K Kistner, Liberty Center, OH	Dennis Jocke, Litchfield, OH	Earl A. & Lois M. Ringer, Louisville, OH
Benson Family Trust, Liberty Center, OH	Estate of Charles Demuth, Litchfield, OH	Edward E. & Cecilia A. Waggoner, Louisville, OH
Janello Farms, Ltd., Liberty Township, OH	Hugh Turner, Jr, Litchfield, OH	Gary L. Smith, Louisville, OH
Clyde E. Michael, Lindsey, OH	Jeffery & Teresa Cotman, Litchfield, OH	James R. & Carol L. Wolfe, Louisville, OH
Deborah Wingert, Lindsey, OH	Karen Swinger, Litchfield, OH	Janice K. Raber, The Bruce R. Raber Revocable Trust, Louisville, OH
	Resident, Litchfield, OH	Jeanette M. Green, Louisville, OH
	William & Carol Kujat, Litchfield, OH	Jeff G. Vernier, Louisville, OH
	Karl Beuck, Lodi, OH	

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Jonathan D. & Rachel R. Krabill, Louisville, OH	The Julia A. Raber Revocable Trust, Louisville, OH	Rolland I. & Susan Kay Huss, Luckey, OH
Karen M. Caywood, Louisville, OH	The Larry W. Strouble Revocable Trust, Louisville, OH	Russell K. & E. Jane Nowlin, Luckey, OH
Keith A. & Yvette Sweger, Louisville, OH	The Raymond G. Burger Revocable Trust, Louisville, OH	Thomas E. & Colleen E. Perry, Luckey, OH
Kim R. Perez, Louisville, OH	Northwood Realty Co, Luckey, OH	Thomas J & Dianne M Woodruff, Luckey, OH
Lyle D. & Margaret L. Krabill, Louisville, OH	Andrew M. & Stephanie E. Lang, Luckey, OH	Timothy J. & Susan M. Tressel, Luckey, OH
Marcia L. Beck, Louisville, OH	Andrew Spencer, Luckey, OH	Todd Gottschalk, Zoning Inspector, Troy Township, Luckey, OH
Matthew J. & Toni M. Baker, Louisville, OH	Anthony F. Prochaska, Luckey, OH	Dale J. Avers Living Trust Agreement, Luckey, OH
Michael L. & Charlene R. Eisert, Louisville, OH	Bradley K. & Kimberly T. Hart, Luckey, OH	Lizabeth Jo Hirzel Trust, Luckey, OH
Pat Miller, Louisville, OH	Brent A. Weaver, Luckey, OH	James Kananen, Girl Scouts North East Ohio, Macedonia, OH
Phillip A. & Pamela L. King, Louisville, OH	Clayton D. & Martha J. Carn, Luckey, OH	Dale Slagle, Magnolia, OH
Randy R. & Terri A. Kiko, Louisville, OH	Dan Miller, Luckey, OH	Danny & Virginia Long, Trustees, Danny L Long Living Trust, Magnolia, OH
Shirley F. Linhart, The Shirley F. Linhart Revocable Trust, Louisville, OH	Daniel W. & Catherine S. Miller, Luckey, OH	Danny Borne, Magnolia, OH
Shirley M Ebner, Trustee, Louisville, OH	Donald W. Young, Luckey, OH	Frederick & Maureen Bausher, Magnolia, OH
Steven M. Thompson, Louisville, OH	Doris Rothenbuhler, Luckey, OH	George & Mary Bowling, Magnolia, OH
Steven R. & Jodi L. Kish, Louisville, OH	Dustin & Nicole Monhollen, Luckey, OH	James Fletcher, Magnolia, OH
Susan M. Green, Louisville, OH	Edgar F. & Judith C. Holliday, Luckey, OH	Matthew Kirkpatrick, Magnolia, OH
Theodore E. Tuttle, Louisville, OH	Edmund & Jeanette Miller, Luckey, OH	Ronald & Frances Adkins, Magnolia, OH
Todd D. & Amy L. Bosley, Louisville, OH	Edmund J. & Jeannette B. Miller, Luckey, OH	Dp Howie LLC, Magnolia, OH
Victoria Blackwell, Louisville, OH	Eric & Rebecca S. VanDenk, Luckey, OH	David Arnold, Malvern, OH
William L. & Milinda A. Frank, Louisville, OH	James H. & Sharon K. Couch, Jr., Luckey, OH	Dennis L & Barbara Garrott, Malvern, OH
William T. & Marybeth M. Tolbert, Louisville, OH	Jay E. & Jennifer L. Griffith, Luckey, OH	Mark W. & Debbie M. Smith, Malvern, OH
Carmel Properties LLC, Louisville, OH	John C. & Carol A. Anderson, Luckey, OH	Marvin L. Janssen, The Marvin L. Janssen Revocable Trust, Malvern, OH
Dwight S. Raber Revocable Trust, Louisville, OH	John C. Briggs, Luckey, OH	Richard & Jacqueline Foster, Malvern, OH
J & D Partnership, Louisville, OH	John S. & Nancy A. Jacobs, Luckey, OH	Church of God Saints In Christ, Malvern, OH
Paradise Valley Farms II, Ltd., Louisville, OH	Jonathon B. & Nicole A. McIntyre, Luckey, OH	Rebecca J. Michaluk, Manchester, OH
Pastore Foundation, Louisville, OH	Kenneth E. & Susan J. Greulich, Luckey, OH	James Irwin, Marblehead, OH
Royer Farms, Inc., Louisville, OH	Mark E. & Melissa J. Briggs, Luckey, OH	Patrick D. & Mary K Keegan, Marblehead, OH
The A & J Real Estate LLC, Louisville, OH	Mark F. Greifelt, Luckey, OH	James Greetham, Jr, The James S. Greetham, Jr. & Barbara J. Greetham Family Trust, Marion, OH
The Hoover Family Living Trust, Louisville, OH	Michael W. & Pamela L. Metzger, Luckey, OH	Daniel P. Harrington, Marshallville, OH
The John A. Bauman and Nancy K. Bauman Revocable Trust, Louisville, OH	Richard A. & Sandra R. Carter, Luckey, OH	

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Joseph D. Stoller, Marshallville, OH	Rebecca Bishop & Fred Ruhm, Brett Ruhm, Maumee, OH	Daniel A. Miller, Medina, OH
Marian S. Stoller, Marshallville, OH	Roger W. & Kathleen Sund, Maumee, OH	David Crocker, DC Landscape / Excavation, LLC, Medina, OH
Claude N. & Darlene M. Vanness, Martin, OH	Scott R. Carter, Maumee, OH	David G. Hollish, Medina, OH
Charles A. & Shirley J. Lemmon, Martins Ferry, OH	Susan Muller, Maumee, OH	David J. Jenkins, Medina, OH
Charles J., Jr. & Artina Denunzio, Martins Ferry, OH	Robert T. Grams Trust, Maumee, OH	David Morris, Medina, OH
Elizabeth R. Ruble, Martins Ferry, OH	Florence A. Ryder, Life Estate, Maumee, OH	Debra L. (fka Vorhies) Dangelo, Medina, OH
Heyward T. & Teena M. Bazar, Martins Ferry, OH	Mark and Karen Burkett, Simplicity Farm LLC, an ohio limited liability company, Maumee, OH	Dennis Grella, Medina, OH
James W. & Delores M. Bain, Martins Ferry, OH	Robert Ryder, Remainderman, Maumee, OH	Don Houston, Medina, OH
John Stanley Stock, Etal, Martins Ferry, OH	Edward & Mary Crum, Maximo, OH	Donald E. & Adele H. Borling, Medina, OH
Michael J., Jr. Lemmon, Martins Ferry, OH	Rosemunde M. Wrann, Maximo, OH	Donald H. Mohler, Medina, OH
Shereza K. O'Hara, Martins Ferry, OH	Terry E. Toussant, Maximo, OH	Donald R. Houston, Medina, OH
Thomas H. Haapapuro, Martins Ferry, OH	Bishop of Diocese of Youngstown, Maximo, OH	Dorothy J. Lichty, Medina, OH
Willa Jean Foschia, Martins Ferry, OH	The Trust of Glen L. & Ardis J. Rastetter, Maximo, OH	E. Rodney & Patricia R. Taylor, Medina, OH
Kyle Homan, Mason, OH	Jason D. & April L. Born, McClure, OH	Edward & Rhonda D. (formerly Poultney) Burba, Medina, OH
Fred Tuttle, Warner Properties LTD, Massillon, OH	James P. Pidgeon, Mechanicstown, OH	Edward J. & Amy L. Neumeayer, Medina, OH
Greg Leimeister, Massillon, OH	VGL Properties, LLC, Medina, OH	Edwin L. & Robin R Hess, Medina, OH
James Huebner, Massillon, OH	Abigal Boyce, Medina, OH	Elizabeth Gross, Medina, OH
Jared & Jodi Gruca, Massillon, OH	Adele M. & Donald E. Borling, Medina, OH	Elizabeth Kimble, Medina, OH
Jim Amenhauser, Massillon, OH	Alice Dolney, Medina, OH	Elizabeth M. Wilson, Medina, OH
Kendel & Kenneth Croston, Massillon, OH	Andrea M. Demczyk, Medina, OH	Erik Rusmanis, Medina, OH
Margaret Tomko, Massillon, OH	Belinda K. Cool, Medina, OH	Eugene S. & Kay L. Pabin, Medina, OH
Perlee & Leslie Grove, Massillon, OH	Bobby R. & Catherine A. Wills, Medina, OH	Evelyn M. Mann, Medina, OH
Renee Bogue, Massillon, OH	Carol Ann Hannah, Medina, OH	Franklin C. & Marilyn F. Ehrman, Medina, OH
Richard G. Bogus, Massillon, OH	Charles & Carol Bailey, Medina, OH	Gary Elton & Martha K. Vaughn, Medina, OH
Vincent Strasavich, Massillon, OH	Charles W. & Grace E. Morrison, Jr., Medina, OH	George H. Miller, Medina, OH
Dover Attwood Corp., Massillon, OH	Christine McClanahan, Medina, OH	George R. & Rose M. Birth, Medina, OH
Debra Dunaway, Massilon, OH	Christopher & Leah Hall, Medina, OH	Georgia F. Kimble, Georgia F. Kimble Declaration of Trust, Under Agreement, Medina, OH
Brett Ruhm, Maumee, OH	Christopher E. & Kelly M. Bohl, Medina, OH	Gregory & Sandra K. Demczyk, Medina, OH
Diana Schwind, Maumee, OH	Christopher Hawkins, Medina, OH	Gregory C. Cravatas, Medina, OH
Frederick L. Ruhm, The Ruhm Trust, Maumee, OH	Craig A. & Colleen J. Schneider, Medina, OH	Harley H. & Patricia A. Hall, Medina, OH
Kyle & Nicole Hubbard, Maumee, OH	Curtis E. Slabaugh, Medina, OH	Helen J. Riehm, Medina, OH
Lou Komza, Northwood Realty Co, Maumee, OH	Dan Cunningham, Patricia L. Cunningham Trust, Medina, OH	James E. & Patricia A. Braatz, Trustees, Braatz Revocable Living Trust, Medina, OH
Marlene Barrett, Maumee, OH	Daniel & Kathy Ann Sicz, Medina, OH	

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James T. & Diane C. Adam, Medina, OH	Matthew Lichty, Medina, OH	Thomas J. & Georganne E. Rinehart, Medina, OH
Jason T. and Shannon M. Thome, TNT Dairy Farms, LLC, Medina, OH	Medina Kennel Club, Inc., Medina, OH	Thomas J. Judson, Medina, OH
Jeffrey F. Derhammer, Medina, OH	Michael Fecca, Medina, OH	Thomas K. James, Medina County Park District, Medina, OH
Jeffrey L. & Denise L. Aungst, Medina, OH	Michael Larabee, Larabee & Hertick, LLP, Medina, OH	Timothy J. & Melissa A. Dundr, Medina, OH
Jeremy & Mary Smith, Medina, OH	Michael Wagner, Medina, OH	Vaughn Lekan, VGL Properties LLC, Medina, OH
Jeremy and Mary M. Smith, Medina, OH	Mickey & Virginia M. Kanzeg, Medina, OH	Walter H. Nagel, Jr., Medina, OH
Jeremy Smith, Medina, OH	Mike Kenski, Medina, OH	Wesley M. & Michelle M. Mikulski, Medina, OH
Jerry M. & Sandra Mooney, Medina, OH	Molly M. O'Connor, Medina, OH	William & Gail Tompkins, Medina, OH
John & Teresa Minarchick, Medina, OH	Nancy S. Kanzeg, The Kanzeg Family Trust, Medina, OH	William G. & Betty M. West, Medina, OH
John Eureka, Medina, OH	Noreen J. Woodhall, Medina, OH	William P. Saganes, Medina, OH
John M. Rossodivito, Medina, OH	Paul & Sharyn Dey, Medina, OH	William R. & Gayle A. Foster, Medina, OH
Joseph F. Martin, Medina, OH	Paul A. Decker, Medina, OH	William T. & Terri A. Gaertner, Medina, OH
Joseph G Hyclak, Medina, OH	Paula J. Wodzisz, Medina, OH	Zachary J. & Stacey M. Jaworske, Medina, OH
Joseph O. Perkins, Medina, OH	Raymond Bessmer, Executor, Raymond Bessmer, Executor, Medina, OH	Board Of County Commissioners Of The County Of Medina*, Medina, OH
Joyce E. Young, Medina, OH	Richard E. & Lee Kay Farnsworth, Medina, OH	Chippewa Lake Baptist Church, Medina, OH
Judith L. Parish, Medina, OH	Richard S. & Diane D. Palker, Medina, OH	Estate of John W. Zimmerly, Medina, OH
Karen Barton, Medina, OH	Robert & Evelyn Garver, Medina, OH	Mann Family Trust, Medina, OH
Karen Hurst, Medina, OH	Robert E. Bazik & Eleanore T. Koptis, Medina, OH	NiSource Midstream, Medina, OH
Karen Wheeler, Medina, OH	Robert W. & A. Louise McAfee, Medina, OH	Patricia A. Workman, Trustee, Medina, OH
Kenneth Petz, Medina, OH	Ronald S. Walker, Medina, OH	Paxton Real Estate Holding Company, LTD., Medina, OH
Kenneth T. Barrett, Medina, OH	Rosemarie Farnsworth, Medina, OH	Summer Ridge LLC, Medina, OH
Kevin & Mary Anne Quigley, Medina, OH	Roy L. & Nancy F. Zirkle, Medina, OH	Wood Family Revocable Trust, Medina, OH
Kevin Kimble, Medina, OH	Russ Johnson, Columbia Gas Transmission Company, Medina, OH	Trustees of Lafayette Township, Trustees of Lafayette Township, Medina, OH
Krestta & Charles Lotz, Medina, OH	Russ Johnson, NiSource, Inc., Medina, OH	Albert J. & Barbara Ann Baker, Metamora, OH
Laura A. Calala, Medina, OH	Sandra Bilek, Medina, OH	Arlan J. Reimschusel, Metamora, OH
Leonard J. & Linda L. McManus, Jr., Medina, OH	Sandra L. Sailer, Medina, OH	Charles Saunders, Metamora, OH
Louis J. & Shirley A. Javorsky, Medina, OH	Sharon & Hugh Gregory McFadden, Medina, OH	Donald A. & Gladys M. Dickerson, Metamora, OH
Lynda Bowers, Lafayette Township, Board of Trustees, Medina, OH	Sheri A. Acierto, Medina, OH	Donald A. Dickerson, The Donald A. Dickerson Trust, Metamora, OH
Lynn Kemp, Medina, OH	Sophie A. Stafinski, Medina, OH	
Mark Albrecht, Medina, OH	Stacy & Jacqueline McGlocklin, Medina, OH	
Marvin & Sharon L. Nicholson, Jr., Medina, OH	Steven M Wolnik, Medina, OH	
Mary Beth Jenkins, Medina, OH	Steven R. & Sarah Vachon, Medina, OH	
Mary E. Albrecht, Mary E. Albrecht, Trustee, Medina, OH	Susan Schmidt, Medina, OH	
Mary Palker, Medina, OH	Sydney Benson, Medina, OH	

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Edward L. & Lauren M. Farnsel, Metamora, OH	Wikel Farms LTD, Milan, OH	James & Betty J Speakman, Trustees, Minerva, OH
Gladys M. Dickerson, The Gladys M. Dickerson Trust, Metamora, OH	Dale M. Pertner, Millbury, OH	James Blevins, Minerva, OH
Harvey S. Wells & Arleen Kaminski, Metamora, OH	Ronald P. Zakrzewski, Millbury, OH	James L. & Susan Sanor, Minerva, OH
Jeffrey L. Truckor, Metamora, OH	Geraldine J. Hahn, Geraldine J. Hahn Declaration of Trust, Millersburg, OH	Jamie S. Wright, Forest Lanes Restaurant and Lounge, LLC, Minerva, OH
John Pflum, Metamora, OH	Forest Lanes Restaurant & Lounge, LLC, Minerva, OH	Jay & Deborah Harsh, Trustees, Harsh Family Living Trust, Minerva, OH
Keith R. & Kimberly K. Truckor, Metamora, OH	Andreas Tompulis, Minerva, OH	John & Patricia Richardson, Minerva, OH
Randy K. Koepler, Metamora, OH	Anna M. Buckman, Minerva, OH	John & Renae Griffith, Minerva, OH
The Gladys M. & Donald A. Dickerson Trusts, Metamora, OH	Barbara S. Cunningham, Barbara S. Cunningham Trust, Minerva, OH	Joseph Ledbetter, Minerva, OH
Carol Y. Kiminecz, Middlefield, OH	Barnes Howard Allen & Melody Anne Barnes Fam (Te), Minerva, OH	Kenneth & Ila Oyster, Minerva, OH
Ernest Kiminecz, Middlefield, OH	Bernard & Sharon Jakubowski, Minerva, OH	Kenneth Blevins, Minerva, OH
John Casper Kiminecz, Middlefield, OH	Beverly Walker, Minerva, OH	Kenneth L. & Vicki L. Smith, Minerva, OH
Jevon R. Rockwell, Milan, OH	Brian L. & Anne M. McKarns, Minerva, OH	Kevin A. & Renee L. Barley, Minerva, OH
John C. Draeger, Harold W. Draeger Trust, Milan, OH	Bruce D. Biggs, Minerva, OH	Larry Eldon & Patricia Mae Rosenberger, Minerva, OH
John R. Rockwell, Jr., Milan, OH	Chris Norton, The Annick M. Norton Revocable Trust, Minerva, OH	Linda & William Becknell, Minerva, OH
King Diver, Divers Farm, LLC, Milan, OH	Corita Prendergast, Minerva, OH	Nancy Nightingale, Minerva, OH
Linda Wheeler, Milan, OH	Dale L. & Lana L. Lowmiller, Minerva, OH	Neil Lippincott, Minerva, OH
Loren W. Heckelman, Loren W. Heckelman Living Trusts, Milan, OH	David & Marjorie Polen, Minerva, OH	Patricia Beadnell, Minerva, OH
Robert Wheeler, Milan, OH	David W. & Judy Ann Miller, Minerva, OH	Paul & Ketura Sommers, Minerva, OH
Timothy D. & Lisa A. Mayles, Milan, OH	Denver L & Norma Belknap, Minerva, OH	Paula Ludt, Minerva, OH
Agnes B. Heckelman Life Estate, Milan, OH	Donald & Sharon Cruse, Minerva, OH	Richard Curfman, Minerva, OH
Agnes Heckelman, Heckelman Family Limited Partnership, Milan, OH	Elmer Marteney, Minerva, OH	Robert & Kathryn Gingerich, Minerva, OH
Brian F. & Julia A. Deering, The Deering Family Trust, Milan, OH	Eugene L. Prendergast, Minerva, OH	Roger W & Mary Jones, Minerva, OH
E. Randall & Jari Ann Schaeffer, Milan, OH	F. Gerald & Ruth Borsh, Minerva, OH	Ronald J. & Suzanne M. Berstler, Minerva, OH
Janet Gottwald, Milan, OH	Frances King, Minerva, OH	Roy Landsberger, Minerva, OH
Jayson R. Rockwell, Milan, OH	Frank & Constance Hein, Minerva, OH	Russell S. & Jeanelle E. Thorn, Minerva, OH
Richard H. & Mary R. Fabik, Milan, OH	Gabe Taylor, Minerva, OH	Sabrina Tompulis, Minerva, OH
Steven Wayne Russell, Steven Wayne Russell, Trustee under Declaration of Trust, Milan, OH	Gary & Elaine Chaddock, Minerva, OH	Samuel & Susan Iden, Minerva, OH
Loren W. Heckelman Living Trust Agreement, Milan, OH	Gary Blevins, Minerva, OH	Shirley A Bonar, Trustee, Minerva, OH
St John's United Church of Christ Milan Ohio Inc, Milan, OH	Gerald Knepper, Minerva, OH	Sylvan & Christine Weaver, Minerva, OH
	Glen M. Starcher, Minerva, OH	Terry & Bonnie Parrish, Minerva, OH
	Gregory & Linda Unkefer, Minerva, OH	Thomas & Debra Slack, Minerva, OH
	Harvey & Judith A Farnsworth, Minerva, OH	Thomas F & Debra Slack, Minerva, OH
	Heath Halter, Minerva, OH	Thomas W. Hagan, Minerva, OH

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Titus Miller, Orchard View Leasing LLC, Minerva, OH	Brian Deering, Deering Farms, Inc., Monroeville, OH	Dale Pursley, Trustee, Navarre, OH
Wesley H Blevins, Minerva, OH	Fred E. Dahs, Monroeville, OH	Daniel & Iva Hershberger, Navarre, OH
William & Ruth Neal, Minerva, OH	James W. Stewart, Monroeville, OH	Daniel A & Carol Sukosd, Navarre, OH
Andrew Whiteleather LLC, Minerva, OH	John F. Dahs, Monroeville, OH	Dennis & Jennifer Smith, Navarre, OH
Kal-Kar ins LLC, Minerva, OH	Kenneth J. & Cheryl Lin Chill, Monroeville, OH	Dexter & Adrienne Ehmer, Navarre, OH
Lippincott Land LLC, Minerva, OH	Max M. & Shelley A. Jarrett, Monroeville, OH	Donald A & Ann Shetler, Trustees, Navarre, OH
Lippincott Land LLC, Minerva, OH	Michael E. Erney, Sr., Monroeville, OH	Earl Rohn, Navarre, OH
Lippincott Land LLC, Minerva, OH	Ray & Carolyn Osburn, Monroeville, OH	Edna Raber, Navarre, OH
Minerva Ohio Congregation of Jehovahs Witnessess, Minerva, OH	Robert B. & Ellen T. Wensink, Monroeville, OH	Eli & Ellen Miller, Navarre, OH
Rdr Lippincott Land LLC, Minerva, OH	Scott & Jennifer Galloway, Monroeville, OH	Elizabeth Bowers, Navarre, OH
The Marjorie J. Whiteleather Trust, Minerva, OH	Theodore C. Wensink, Monroeville, OH	Franklin Jr & Victoria Kilgore, Navarre, OH
Whiteleather Properties LLC, Minerva, OH	Thomas C. & Helen S. Love, Monroeville, OH	Glenn Hiner, Navarre, OH
William B. Cleveland, III, Minster, OH	Todd Mathias, Monroeville, OH	Gregory Shetler, Navarre, OH
Selinda Schultz, Monclova, OH	William Schaefer, Schaefer Family Trust, Monroeville, OH	Jack Baylor, Navarre, OH
Vicky L. Ryan Trust, Monclova, OH	Wensink Seed Farms, Inc., Monroeville, OH	Jacob & Susie Miller, Navarre, OH
William J. Ryan Trust, Monclova, OH	Western Reserve Land Conservancy, Moreland Hills, OH	Jean Taylor, Navarre, OH
Ducks Unlimited, Monroe Chapter, Monroe, OH	Mt Eaton Reclamation Inc, Mount Eaton, OH	Jimsey J Forrest, Etal, Navarre, OH
Christopher N. Wensink, Trust of Christopher N. Wensink, Monroeville, OH	Charles T. & Wanda Cleaver, Mt Pleasant, OH	Kathleen K Ludwig, Trustee, Navarre, OH
Gerald A. Wensink, Monroeville, OH	Anne Halpin, Munroe Falls, OH	Keith & Lois Speicher, Navarre, OH
Gerard A. & Denise L. Wensink, Monroeville, OH	Dennis M. & Michelle L. Volpe, N Hartville, OH	Keith Elkins, Navarre, OH
Gerard A. Wensink, Monroeville, OH	Eric H. Sauter, N Olmsted, OH	Larry J & Cindy Oney, Navarre, OH
James H. Love, Monroeville, OH	Gerald A. Sauter, N Olmsted, OH	Mary Blaska, Navarre, OH
James M. & Madeleine Wensink, Monroeville, OH	Christopher & Jeanette P. Pilan, N Ridgeville, OH	Maynard & Karen Arney, Navarre, OH
James M. Wensink, Maurice W. Wensink Trust Agreement, Monroeville, OH	Internationals Soccer, Inc., N Royalton, OH	Maynard L & Karen Arney, Navarre, OH
Richard J. & Kay L. Wensink, Monroeville, OH	Aden & Ada Yoder, Navarre, OH	Merlin & Leanna Weaver, Navarre, OH
Richard J. Wensink, Monroeville, OH	Allen Rohr, Navarre, OH	Michael & Jennifer Ritterbeck, Navarre, OH
Robert B. Wensink, Monroeville, OH	Barbara Silvestri, Navarre, OH	Michael & Martha Schmuki, Navarre, OH
Robert O. & Ursula E. Scott, Monroeville, OH	Carol Christine Simmons (Or Any Successor Trustee), The Carol Christine Simmons Revocable Trust, Navarre, OH	Michael E & Elizabeth Bucher, Navarre, OH
Ruth B. Wensink, Norbet B. Wensink Trust Agreement, Monroeville, OH	Carol Stroh, Trustee, The Carol A Stroh Trust, Navarre, OH	Milan & Clara Weaver, Navarre, OH
Thomas A. Wensink, Monroeville, OH	Charles & Carolyn Unruh, Navarre, OH	Otto & Frieda Schmuki, Navarre, OH
Thomas M. Wensink, Monroeville, OH		Patrick Bucher, Navarre, OH
Clear Creek Acres, Monroeville, OH		Patrick J & Rita Nealis, Navarre, OH
Arlene H. Kaiser, Monroeville, OH		Paula Kinsey, Navarre, OH
		Peter & Dina Vliet, Navarre, OH
		Phillip & Sandra Lloyd, Trustees, Lloyd Rev Living Trust, Navarre, OH
		Ralph S Regula, Trustee, Navarre, OH
		Rebecca Burcaw, Navarre, OH

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Richard A & Faydra Young, Navarre, OH	Dennis Jordan, New Franklin, OH	Robert & Kathleen Harris, New Franklin, OH
Richard Black & Tana Olmstead, Navarre, OH	Donald C. Galloway, New Franklin, OH	Robert & Roxanne Knotts, New Franklin, OH
Richard E McDonald, Trustee, Navarre, OH	Donald E. & Diane M. Boggs, New Franklin, OH	Robert Carl & Brenda Lee Jarvis, New Franklin, OH
Robert & Barbara Stokes, Navarre, OH	Dorothy Martin, New Franklin, OH	Robert W. & Diane K. Straley, Jr., New Franklin, OH
Robert D & Dorothy Hostetler, Navarre, OH	Edward A. & Deborah L. Doerr, New Franklin, OH	Roger & Priscilla Patterson, New Franklin, OH
Russell Mathie, Navarre, OH	Elaine Bigham, New Franklin, OH	Ronald Christopher, New Franklin, OH
Scott & Cara Silvestri, Navarre, OH	Eric McDonald, New Franklin, OH	Scott P. & Kimberly L. Collins, New Franklin, OH
Steven Merry, Navarre, OH	Frank Smith, New Franklin, OH	Tom Buechler, New Franklin, OH
Steven Yoder, Navarre, OH	Harold L. & Kimberley R. Kunkle, New Franklin, OH	Tom Dungey, New Franklin, OH
Terence & Patricia Bauldry, Navarre, OH	Jack A. Toomey, Sr., New Franklin, OH	Toni B. Sholley, New Franklin, OH
Thomas & Irene Kimmins, Navarre, OH	Jack S. Davenport, Sr., New Franklin, OH	Toni Sholley, New Franklin, OH
Thomas & Vickie Tschantz, Navarre, OH	James A. & Grace Evans, New Franklin, OH	Tony L. & Gail S. Newman, New Franklin, OH
Thomas & Wilma Prunty, Navarre, OH	Janice & John Adams, New Franklin, OH	The Marie Easterling Trust, New Franklin, OH
Troy Lanier, Navarre, OH	Jeff Yingling, New Franklin, OH	The Parks Family Trust, New Franklin, OH
Walter L & Michal Forney, Navarre, OH	John E. Grace, Jr., New Franklin, OH	The Robinson Income Access Trust, New Franklin, OH
William & Mary Pittman, Navarre, OH	John Gates, New Franklin, OH	Roger D. Vaughan, Jr., New Franklin, OH
Bethlehem Twp Trustees, Navarre, OH	John W. & Victoria H. Kee, New Franklin, OH	Michael Kell, New London, OH
Corelogic, Navarre, OH	Joseph S. Barranco, New Franklin, OH	Jeffery Diosi, Ohio Department of Transportation, District #11, New Philadelphia, OH
Navarre Village, Navarre, OH	Karen Jane Evans, New Franklin, OH	Muskingum Watershed Conservancy District, New Philadelphia, OH
Jill Brothers, Negley, OH	Kenneth W. & Crystal Huffman, New Franklin, OH	Loran C & Peggy Dalton, New Waterford, OH
Ed Looman, Appalachian Partnership for Economic Growth, Nelsonville, OH	Krista L. Markley, New Franklin, OH	Jane Buehler, Newcomerstown, OH
Andrea Wagner, New Franklin, OH	Lori Pfahler, New Franklin, OH	Mitch Lynd, Midwest Apple Improvement Association, Newcomerstown, OH
Bill & Janice McCormick, New Franklin, OH	Margaret A. Moirano, New Franklin, OH	Hagan Family Revocable Trust, North Canton, OH
Bruce Bycura, New Franklin, OH	Matthew R. & Karen S. Craddock, New Franklin, OH	Alan L. & Jean S. Clites, North Canton, OH
Bruce Lombardi, The Lombardi Revocable Living Trust Agreement, New Franklin, OH	Michael G. & Jada L. Cline, New Franklin, OH	Alan R. Hess, North Canton, OH
C. Baker, New Franklin, OH	Michael J. & Kirsten L. Davis, New Franklin, OH	Alfred H. & Anastania G. Grzeschik, North Canton, OH
Carla Barner, New Franklin, OH	Michele D. Otey, New Franklin, OH	Amanda Joyce Abbott, North Canton, OH
Curtis L. & Kyle Elaine Doles, New Franklin, OH	Paul & Margaret Biro, Jr., New Franklin, OH	Beth Burns, North Canton, OH
Daniel & Caitlin Knop, New Franklin, OH	Paul W. Haberny, Jr., New Franklin, OH	Betty Newman, North Canton, OH
David T. & Geraldine W. Sexton, New Franklin, OH	Perry & Donna Stone, New Franklin, OH	
Dawn Spaporito, New Franklin, OH	Resident, New Franklin, OH	
Debbie Lindsay, New Franklin, OH	Resident, New Franklin, OH	
Dennis & Josie Winchell, New Franklin, OH	Richard G. & Beth E. Starling, New Franklin, OH	

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Bobby E. Geer, North Canton, OH	Kellie Johnson, North Canton, OH	Richard I. Mellinger, North Canton, OH
Camille M. Malfeo, North Canton, OH	Krista Marie Roversi-Devlin, North Canton, OH	Richard Radosevic, Etal, North Canton, OH
Carol L. Grzeschik, North Canton, OH	Laura A. Selover, North Canton, OH	Robert Bowling, North Canton, OH
Charlene E. Stevanov, North Canton, OH	Linda Bernat, North Canton, OH	Robert E. Mechling, North Canton, OH
Claudine M. Rabl, North Canton, OH	Linda M. Cardarelli, North Canton, OH	Robert Lee & Twila Senften, North Canton, OH
Daryl Miller, North Canton, OH	Linda M. Edwards, North Canton, OH	Ronald & Miriam Aman, Trustees, North Canton, OH
Don Richeson, North Canton, OH	Linda M. Roversi, North Canton, OH	Russell V. & Nancy Miller, North Canton, OH
Donald L. & Patricia A. Day, North Canton, OH	Linda S. Johnson, North Canton, OH	Russell V. Miller, North Canton, OH
Douglas E. & Patricia A. Julian, North Canton, OH	Lisa J. Kelleman, North Canton, OH	Ryan K. & Denise S. Berry, North Canton, OH
Douglas R. & Robin J. Ricks, North Canton, OH	Lori Davis, Dehoff Agency Inc., North Canton, OH	Stefanie Reynolds, North Canton, OH
Edward P. Thompson, North Canton, OH	Macel L. Croston, North Canton, OH	Terri Barbush, North Canton, OH
Erik M. & Charlotte M. Francis, North Canton, OH	Margaret A. Amonett, North Canton, OH	Timothy J Sloan, North Canton, OH
Frank Rabl, North Canton, OH	Mark A. & Michelle L. Loveland, North Canton, OH	Timothy P. Johnson, North Canton, OH
George L. Long, Sr., North Canton, OH	Mark L. Herdlick, North Canton, OH	Timothy W. & Wendlynn R. Nicholas, North Canton, OH
Gretchen Ferncez, North Canton, OH	Mary E. Sockwell, North Canton, OH	Virgil E. & Wendy J. Kline, North Canton, OH
Harlan G. & Leocadia V. Storey, North Canton, OH	Mary L Robson, Trustee, North Canton, OH	William & Kim Trussell, Co-Trustees, North Canton, OH
Harry Darryl Lukkes, North Canton, OH	Michael D. Fluty, North Canton, OH	Akron Canton Regional Airport Authority, North Canton, OH
Herbert E. & Yvonne R. Ward, North Canton, OH	Michael J. Marstrell, North Canton, OH	B & S Transport Inc, North Canton, OH
Jacqueline Day, North Canton, OH	Michael L. & Elizabeth M. Young, North Canton, OH	Hicks Family Trust, North Canton, OH
James P. Kling, North Canton, OH	Mickey P. & Pamela Sue Cutlip, North Canton, OH	Margaret M. Wartko Trust, North Canton, OH
James W. Doan, North Canton, OH	Mike Royce, North Canton, OH	NCT Development Corporation, an Ohio corporation, North Canton, OH
Jayson Rothacker, North Canton, OH	Mindy Christy, North Canton, OH	Plummer Family Trust, North Canton, OH
Jeff Masin & LeeAnne Matthews, North Canton, OH	Nadene M. Robinault, North Canton, OH	The Chase Family Revocable Trust, North Canton, OH
Jeffrey Burns, North Canton, OH	Nancy Miller, North Canton, OH	The Reymann Foundation, North Canton, OH
Jennifer M. Selover, North Canton, OH	Nancy Woodall, North Canton, OH	The Spinelli Family Trust, North Canton, OH
Jimmy Lee & Talma L. Rutherford, North Canton, OH	Natalie H. Weinsz, North Canton, OH	The William Starcher, Jr. Revocable Family Trust, North Canton, OH
John & Toni Carver, North Canton, OH	Neil J. & Andrea Page, North Canton, OH	David L. & Carolyn F. Horst, North Fairfield, OH
John A. Stevanov, North Canton, OH	Nicholas S. & Melody C. Pappas, North Canton, OH	Justin & Eberly Stufft, North Lawrence, OH
John D. & Laura M. Barrickman, North Canton, OH	Para M Jones, Stark State College, North Canton, OH	Charles R. Gish Trust, North Lawrence, OH
John Helms, North Canton, OH	Patricia A. Busic, The Busic Living Trust, North Canton, OH	
Joseph & Diane Petrella, North Canton, OH	Rebecca Ann Chula, North Canton, OH	
Joseph Langenfeld, North Canton, OH	Rebecca L. Paulos, North Canton, OH	
Joyce A. Scott, North Canton, OH	Regan S. Robinault, North Canton, OH	
Kay Sanders, NCT Development Corp., North Canton, OH	Richard & Joyce Blough, North Canton, OH	

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Peggy J. Gish Trust, North Lawrence, OH	Barbara A. Schaab, Oberlin, OH	John E. & Patricia A. Forthofer, Oberlin, OH
Tina Marie Sekeres, North Olmsted, OH	Bill L. Sauer, Oberlin, OH	John N. Van der Pyl, John N. Van der Pyl Revocable Trust, Oberlin, OH
Chris Monti, North Ridgeville, OH	Bryan T Stubbs, Oberlin, OH	John R. & Lois A. Fridenstine, Oberlin, OH
Elliot F. Supers, Trustee, The Norbert F. Supers Trust, North Ridgeville, OH	Camden Township Board of Trustees, Oberlin, OH	John S. Piwinski, Oberlin, OH
Richard Hale, Northfield, OH	Carol A. Strayer, Oberlin, OH	Jon D. Clark, City of Oberlin, Oberlin, OH
Gretchen Thomas, Northwood, OH	Cathy L. Castle, Oberlin, OH	Joseph & Mary A Tondo, Oberlin, OH
Lawrence S. & Christie A. Poiry, Northwood, OH	Charles E. & Elizabeth A. Livermore, Oberlin, OH	Joyce M. Parker, Oberlin, OH
Judy Reynolds, Norton, OH	Christian & Catherine Bjelica, Oberlin, OH	Karen M. Fridenstine and Kristin H. McDonough, Edith M. Ward Irrevocable Trust Agreement, Oberlin, OH
Gary Gillen, Huron County Engineer's Office, Norwalk, OH	Craig Ksenich, Oberlin, OH	Karen Mary Corcoran, Oberlin, OH
Gregory Fry, Norwalk, OH	Darcy W. Jr., & Kristi Lynn Yonts, Oberlin, OH	Kermit & Virginia Seeley, Oberlin, OH
Karen A. Gingery, Norwalk, OH	Darrell E. & Dorothy M Hill, Oberlin, OH	Larry J. & Charlene J. Barbee, Oberlin, OH
Natalie Fry, Norwalk, OH	David G. & Margaret S. Gueulette, Oberlin, OH	Leroy E. & Carol A. Schaefer, Oberlin, OH
Timothy D. Wilcox, Norwalk, OH	Deborah L. & Donald L. Ortner, Oberlin, OH	Linda Ewell, Oberlin, OH
Zachary Fry, Norwalk, OH	Dennis Chan & Meredith J. Bradley, Oberlin, OH	Lisa Kavanaugh, Oberlin, OH
Bryan Puder, Northern Ohio Rural Water, Norwalk, OH	Dennis J. Kothe, Oberlin, OH	Mara Capuano, Oberlin, OH
George Robert Latteman, Norwalk, OH	Donna J Born, Donna J. Born, Trustee of the Donna J. Born Trust, Oberlin, OH	Nelson Eugene & Ethel Joann English, Oberlin, OH
James D. Heckelman, James D. Heckelman Declaration of Trust, Norwalk, OH	Dovin Land Co Llc, Oberlin, OH	Patricia M. Schaab, Oberlin, OH
Jerald R. & Beverly J. Rockwell, Norwalk, OH	Edward J. Wardwell, Oberlin, OH	Patrick Z. Hozalski, Floyd A. Hozalski Revocable Trust, Oberlin, OH
Margaret F. Heckelman, Margaret F. Heckelman Declaration of Trust, Norwalk, OH	Eileen K. Telegdy, Oberlin, OH	Paul & Dawn Dellisanti, Oberlin, OH
Richard Schlessman, Fort Avery Farms LTD, Norwalk, OH	Elena Fuquay, Oberlin, OH	Phillip W. & Glenda A. Thornton, Oberlin, OH
John Guerriero, Jr., Nuetiltonsville, OH	Elizabeth H. McKernan, Trustee, Elizabeth H. McKernan Trust, Oberlin, OH	Piroska Orban, Oberlin, OH
Melvin R. Brough, Oak Harbor, OH	Elizabeth Jankowski, Oberlin, OH	Rebecca Schlather, Oberlin, OH
Shane Vernon Overmyer, Oak Harbor, OH	Eric & Lori McConnell, Oberlin, OH	Richard L Turner, Oberlin, OH
Fairplay Holdings LLC, Oberlin, OH	Eric R. Severs, Oberlin, OH	Robert & Wendy Morris, Oberlin, OH
Hoffman Judith M & Francis H Trustees, Oberlin, OH	Estate of Essie Brown, Oberlin, OH	Robert F. Smith, Oberlin, OH
The Almighty Church, Oberlin, OH	Geoffrey Moore, Oberlin, OH	Robert Morris, Oberlin, OH
WGI Properties LLC, Oberlin, OH	George & Roberta Simko, Oberlin, OH	Robert Pandy, Pandy Farm LLC, Oberlin, OH
Oasis Animal Shlter, Attn: Vera Opal, Chairman, Oasis Animal Shelter, an Ohio not for profit corporation, Oberlin, OH	J.G.P. & Mary E Leek, Oberlin, OH	Roger & Cynthia Mcvetta, Oberlin, OH
Alan W. & Pauline A. Pachinger, Alan W. Pachinger and Pauline A. Pachinger Trust, Oberlin, OH	James & Mariane Woodrum, Oberlin, OH	Ronald G. & Nancy E. Hendrikson, Oberlin, OH
Alfred W. Brown, Oberlin, OH	James Born, Oberlin, OH	Russell & Wilma Hunt, Oberlin, OH
Anne W. Wardwell, Oberlin, OH	Jeffrey A. & Mary A. Sandrock, Oberlin, OH	Ruth & Gordon Groot, Oberlin, OH
	Jeffrey Alan and Patricia Ann Hill Holcomb, Oberlin, OH	Sara Pandolfi, Oberlin, OH
	John B Turner, Oberlin, OH	Shawn Kenney, Oberlin, OH

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Thomas & Joni Ruffner, Oberlin, OH	Yong OK Jackson, Oberlin, OH	Irrevocable Trust, Perrysburg, OH
Timothy Buchs, Oberlin, OH	The Dolores Mary Lissfelt Trust, Oberlin, OH	Deborah Berlekamp, Perrysburg, OH
Tom and Eva Weber, Oberlin, OH	Jeffrey Alan & Hill Patricia Ann Holcomb, Oberlin, OH	Dustin L. & Melissa S. Schimmoeller, Perrysburg, OH
William D. Born, William D. Born, Trustee of the Donna J. Born Trust, Oberlin, OH	John A. Freeland, PhD, PWS, Stantec, Okemos, OH	Galen R. Tipping, Perrysburg, OH
William J. and Stephanie K. Forthofer, Oberlin, OH	James W Tuttle, Tuttle Family Irrevocable Trust, Olmstead Falls, OH	Henry Sr & Oletha Zaborniak, Perrysburg, OH
Wilma C. Hunt, Oberlin, OH	Ronald J. & Michele S. Baron, Olmsted Falls, OH	Ilze Hammersley, Perrysburg, OH
Green Circle Growers, Inc, Oberlin, OH	Ronald L. Badiu, Olmsted Township, OH	Jack & Gloria Bigelow, Perrysburg, OH
Kipton Quarry Properties, LLC, Oberlin, OH	Becky L. Box, Toledo Alfalfa Mills Inc., Oregon, OH	James R. Robertson, Perrysburg, OH
SCM Trust VIII, Oberlin, OH	Robert Lefevre, Oregon, OH	Janet B. Swartz, Perrysburg, OH
Woodrum Farms LLC, Oberlin, OH	Donald Smith, Orrville, OH	Jeanne Johnston, Perrysburg, OH
Woodrum Farms, LLC, Oberlin, OH	Jennifer Meyer, Aspire Energy of Ohio, LLC, Orrville, OH	John & April M. Delgado, Jr., Perrysburg, OH
Nantucket Properties, LLC, Oberlin, OH	John Kropft, Orrville, OH	John T. Bondelier, Perrysburg, OH
Adelbert M Marquard, Oberlin, OH	Ted Wohlfarth, Ottawa Hills, OH	Laurie Livingston, Perrysburg, OH
Corey L & Brandi L Middlebrooks, Oberlin, OH	Denver Belknap, Paris, OH	Majorie A. Deal, Perrysburg, OH
Dale A Rider, Oberlin, OH	Freda Hathaway, Paris, OH	Marianne Wagner, Perrysburg, OH
Donna Tjotjos, Oberlin, OH	John & Dee Carns, Paris, OH	Mary Sherman, Perrysburg, OH
Dorena Gilchrist, Oberlin, OH	Reginald & Jennette Stoltzfus, Paris, OH	Matthew L. Brinker, Perrysburg, OH
Elizabeth H. McKernan, Oberlin, OH	Thomas Adams, Paris, OH	Nicholas A. & Julia L. Link, Perrysburg, OH
Fred & Emilie Feddeck, Oberlin, OH	Tyrone Mark & Kathy S. Rastetter, Paris, OH	Randall S. & Ann Marie VanEtten, Perrysburg, OH
Gregg & Donna Wilson, Oberlin, OH	Twin Meadows Farm, LLC, Paris, OH	Rebecca McKinney, Charley Asmus Family Farm, Inc., Perrysburg, OH
Harold M & Stacie D Walton, Oberlin, OH	W. M. M. T. LTD, Paris, OH	Rebecca Robertson, Perrysburg, OH
James Covas, Jr., Oberlin, OH	Dolores M. Billy, Trustee, Dolores M. Billy Trust, Parma, OH	Robert & Maribeth Moser, Perrysburg, OH
James H. Griner, Jr., Oberlin, OH	Betty L. Moritz, Pemberville, OH	Robert E. & Theresa Rickels, Perrysburg, OH
Jason D & Virginia O Hudson, Oberlin, OH	Dave Welling, Zoning Inspector, Webster Township, Pemberville, OH	Robert Perry, Perrysburg, OH
Jill M Medina, Oberlin, OH	Kirt D. & Julie L. Lembke, Pemberville, OH	Ronald J. Dauer, Perrysburg, OH
Joy Harrison, Oberlin, OH	Dolly A. Buchman Trust, Pemberville, OH	Shannon & Lucinda Richards, Perrysburg, OH
Kathleen A Rednour, Oberlin, OH	Linter Farms LLC, Pemberville, OH	Sharon E. Knitt, Perrysburg, OH
Kevin J. & Kristine M. Walz, Oberlin, OH	Alvin J. Swartz II, Perrysburg, OH	Steven A. Brubaker, Perrysburg, OH
Lee & Jennifer Wilson, Oberlin, OH	Bernard C. & Margaret A. Eckel, Perrysburg, OH	Susan L. Brotje, Perrysburg, OH
Malachiah & Norma J Saunders, Oberlin, OH	Carl Mauch, Perrysburg, OH	Jeffrey L. Barnes Trust, Perrysburg, OH
Neil J & Patricia A Bright, Oberlin, OH	Carol Jean Raifsnider, Perrysburg, OH	Daniel L. & Janice M. Schimmoeller, Reegan Lands Ltd, an Ohio Limited Liability Company, Perrysburg, OH
Norman D & Crystal R Davis, Oberlin, OH	Cheryl S. Peters & Loretta M. Hartman, Loretta M. Hartman	Daniel L. & Janice M. Schimmoeller, Perrysburg, OH
Richard J & Michelle D Mihna, Oberlin, OH		Denise S. Eckel, Perrysburg, OH
Rosalee & Daniel P. Ehler, Oberlin, OH		
Shanton V & Nola L Bland, Oberlin, OH		
Sharyle A Strayer, Oberlin, OH		

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Eldor H & Dale M. Cohrs, Perrysburg, OH	Gary S. & Deborah A. Adkins, Rittman, OH	Michael J. & Julianne S. Stafford, Rittman, OH
James A. & Florence A Ryder, Perrysburg, OH	Hannah Tomes, Rittman, OH	Nathaniel F. Helms & Rashelle Norris, Rittman, OH
Janice M. Gurtzweiler, Perrysburg, OH	Howard E. & Eleanor B. Shoup, Rittman, OH	Pamela S. & Calvin G. Lyons, Rittman, OH
Janis E. Sheldrick, Perrysburg, OH	Isabel M. Koger, Rittman, OH	Robert A. & Carolyn W. Bernstorf, Rittman, OH
Richard L. & Harriet C. Ashton, Perrysburg, OH	James F. Silchuk, Rittman, OH	Robert J. & Frances E. McCormick, Rittman, OH
Robert L. Perry II, Perrysburg, OH	James R. & Julia L. Miller, Rittman, OH	Rodney V. & Carolyn F. Milburn, Rittman, OH
Robert W. & Thelma J. Sibbersen, Perrysburg, OH	James W. & Ruth E. Stauffer, Rittman, OH	Ronald & Connie Just, Rittman, OH
Steven E. & Elaine Grolle, Perrysburg, OH	Jason Scott, S&S Energy Corporation, Rittman, OH	Samuel R. & Gail R. Hartzler, Rittman, OH
Curtis E Weiland & Rosalyn M Weiland Living Trust, Perrysburg, OH	Jason T. & Lisa Balceziunas, Rittman, OH	Scott A & Kathleen N. Deeter, Rittman, OH
Ester L. Speck, Trustee, Perrysburg, OH	Jay & Rhonda Landis, Rittman, OH	Terry A. Schmel, Rittman, OH
Judith Ann Loffer, Piqua, OH	Jean Carroll Carlson, Rittman, OH	Terry Parker, Rittman, OH
Mark Wetzel, Northeast Ohio Natural Gas Corporation, Pleasantville, OH	Joe Ramsier, Rittman, OH	Thomas & Ruth M. West, Rittman, OH
Scott A. Emch, Port Clinton, OH	John M. & Erin R. Miller, Rittman, OH	Thomas G. Srock, Rittman, OH
William Hammon, Portage, OH	Jonathan D. & Jill P. Strong, Rittman, OH	Todd J. & Susan J. Brady, Rittman, OH
Eugene & Irene Dangel, Powhatan, OH	Jonathan P. Hibian, Rittman, OH	Wade E. Carpenter, Rittman, OH
Susan E Shively & Barbara J. Shively, Prospect, OH	Joseph C. Rinal, Rittman, OH	Wayne R. Schultz, Rittman, OH
Mary Greer, Ravenna, OH	Joseph Ronald & Ruth Ann Giacomoni, Rittman, OH	William E. Bauman, Rittman, OH
Mike Watson, Ravenna, OH	Joseph S. Vislasky, Rittman, OH	Black Diamond Farm LLC, Rittman, OH
Ohio Department of Agriculture, Reynoldsburg, OH	Joshua P. Petroc, Rittman, OH	Estate of Clifford W. Thonen & Helen J. Thonen, Trustee, Rittman, OH
Sharon G. Bluie, MAI, Integra Realty Resources - Cleveland, Richfield, OH	Judith Sabo, Rittman, OH	Priority II, LLC, Rittman, OH
Cross Agricultural, Richfield, OH	Judy Lynn Morgan, Rittman, OH	Harvey & Stephanie Landis, Rittman, OH
Carl J. Hoffman, Rittman, OH	Kenneth E. & Rona N. Veney, Rittman, OH	Caleb C & Amanda Marburger, Robertsville, OH
Clinton C. & Danielle N. Fazekas, Rittman, OH	Kenneth K. Gillette, Rittman, OH	James Robbins, Robertsville, OH
David A. Choban, Rittman, OH	Kenneth L. & Ruby M. Gumbarevic, Rittman, OH	Darlene Herringshaw, Rudolph, OH
Dennis W. Sylvester, Rittman, OH	Louis E. & Barbara A. Herwick, Louis E. & Barbara A. Herwick Revocable Living Trust Agreement, Rittman, OH	Peter Loretta, Sadusky, OH
Donna L. Ellis, Rittman, OH	Mark A. & Cheryl K. Stephens, Rittman, OH	John J. Wargo, Sagamore Hills, OH
Douglas J. & Dianna Bauman, Rittman, OH	Marvin J. & Teresa K. Ramsier, Rittman, OH	Lance Aaron Rossini, Saint Clairsville, OH
Douglas J. Bauman, Rittman, OH	Marvin P. & Sue L. Hartzler, Rittman, OH	Travis W. Ochsenbine, Saint Clairsville, OH
Earl H. Long, Jr., Rittman, OH	Marvin Ramsier, MNTR Ltd, Rittman, OH	Clifford Milburn, Salem, OH
Elaine K. Perrigo, Rittman, OH	Mary O. Sauer, Rittman, OH	Edward & Claire Masters, Sr., Salem, OH
Emery & Erika L. Gal, Rittman, OH	Melvin L. & Patti S. Bowsher, II, Rittman, OH	Frederick C. Johnson, W-T Johnson Family Farms, LLC, Salem, OH
Erica J. Lyon, Rittman, OH		James P. Taus, Salem, OH
Gary & Jackie Landis, Rittman, OH		

Appendix A Draft EIS Distribution List

Jay E. & Pamela G. Herron, Salem, OH	Edward C. & Nancy L. Stallkamp, Sandusky, OH	Franklin & Nancy Malcolm, Seville, OH
John W. & Elizabeth A. Sanor, Salem, OH	Edward S. & Lisa A. Schenk, Sandusky, OH	Gay Boden, Seville, OH
Mark & Shawna L'Italien, Salem, OH	James Earl Fanning, Sandusky, OH	Gregory & Deanna Brenner, Seville, OH
Shawna L L'Italien, Harrington, Hoppe & Mitchell, Ltd, Salem, OH	John & Fred A. Rohrbacher, Sandusky, OH	Gregory A. & Ashley E. Wohlwend, Seville, OH
Tom & Margaret Menning, Salem, OH	Michael J. & Denise A. Wyatt, Sandusky, OH	Harold & Judy High, Seville, OH
Maps Real Estate Ltd, Salem, OH	Raymond G. Warner, Sandusky, OH	Harold E. High, Sr., Seville, OH
Paris Avenue Christadelphia Ecclesia, Salem, OH	Richard Norman & Nancy Kay Swanson, Sandusky, OH	Jac & Janice Cerovac, Seville, OH
Bill & Marie Schlabach, Salineville, OH	Ruth D Miller, Ruth D. Miller Trust, Sandusky, OH	James & Darla Eberly, Seville, OH
Coldwell Family Tree Farm LLC, Salineville, OH	Goodnight Inn, Inc., Sandusky, OH	Jane Faldetta, Seville, OH
James F. Dangelo Revocable Trust, Salineville, OH	The Franklin A. Speer Trust, Sandusky, OH	Jeffrey & Sandra Leatherman, Seville, OH
James M. & Vada J. Wargo, Salineville, OH	Chuck Soneff, Savannah, OH	Jeffrey A. & Fay M. Jarrett, Seville, OH
Jeremy Tingler, Utica East Ohio Midstream LLC, Salineville, OH	Donald Kerr, Sebering, OH	Jesse & Tiffany Shultz, Seville, OH
John P. Wargo, Salineville, OH	Debra Ruprecht, The Debra A. Ruprecht Revocable Trust, Seville, OH	John & Michelle Rose, Seville, OH
Karl H. & Dolores M. Welch, Salineville, OH	Aaron & Melisa Klein, Seville, OH	John Troche, Seville, OH
Madelein J. Wargo, Salineville, OH	Adam & Margaret Yonkof, Seville, OH	Judy A. Giaque, Seville, OH
Susan McDaniel, Salineville, OH	Alfred & Barbara Ellis, Seville, OH	Karen Larson, Seville, OH
Alice M. Fanning, Sandusky, OH	Alfred P. & Barbara J. Ellis, Seville, OH	Karl E. & Terrie L. Bebout, II, Seville, OH
David & Julie Pocock, Sandusky, OH	Alvin & Kandi Sedinger, Seville, OH	Katie Mullins, Seville, OH
Gerald J. & Elizabeth A. Boros, Sandusky, OH	Bede E. Mobley, Seville, OH	Kemp & Mary Wilson, Seville, OH
James Edward Fanning, Sandusky, OH	Bert & Laura Copley, Seville, OH	Kenneth M. & Connie R. Beery, Sr., Seville, OH
Mary M. Matthias, John G. Matthias Declaration of Trust, Sandusky, OH	Bonnie Swiger, Seville, OH	Kent & Pamela Ringstmeier, Seville, OH
Matthew H. Miller, Sandusky, OH	Brian & Jennifer Heller, Seville, OH	Kent Morrison, Kent Morrision, Seville, OH
Ruth D. Miller, Trust Agreement of Wayne R. Miller, Sandusky, OH	Byron Bombay, Seville, OH	Lee E. & Mary Ann Straub, Seville, OH
Stuart Wells, Sandusky, OH	Charles & Marilyn Boedicker, Seville, OH	Lisa Winter, Seville, OH
Tim D Lloyd, Erie County Engineer, Sandusky, OH	Chris Wodzack, Seville, OH	Mark & Elizabeth Ingham, Seville, OH
TJ Kresser, Sandusky, OH	Craig & Roseann Wood, Seville, OH	Mark & Michele Scarberry, Seville, OH
Wesley H. Miller, Sandusky, OH	Daniel J. & Cheryl L. Bock, Seville, OH	Martin & Dawn Ferro, Seville, OH
Galloway & Sons LTD, Sandusky, OH	Dean E. & Tracey L. Rogers, Seville, OH	Matthew & Jessica Chamberlin, Seville, OH
S & M Unlimited LLC, Sandusky, OH	Debra A Beckstett, Seville, OH	Matthew Parham, Seville, OH
David G. & Kathleen A. Downs, Sandusky, OH	Dennis S. & Debbi S. Boothe, Sr., Seville, OH	Michael & Joanne King, Seville, OH
Derek Lundy, Erie County Conservation League, Inc., Sandusky, OH	Donald O. & Clara B. Nickell, Seville, OH	Michael & Tawnya Smith, Seville, OH
	Douglas & Kathryn Lampert, Seville, OH	Michael Labant, Seville, OH
	Douglas Edward & Katie M. Kreider, Seville, OH	Michael Smith, Trust, Seville, OH
		Nicholas & Gail Furillo, Jr., Seville, OH
		Patricia A. Jackson, Seville, OH
		Patricia L. Corbet, Seville, OH
		Pauline Subich, Seville, OH
		Ralph & Mary Beth Goodwin, Seville, OH

Appendix A Draft EIS Distribution List

Ray Ruprecht, Trustees of Guilford Township, Seville, OH	Richard L. Mills and Patricia A. Craiglow-Mills Revocable Trust, Seville, OH	Tracey Moulton, Stow, OH
Raymond A. Ruprecht, The Raymond A. Ruprecht Revocable Trust, Seville, OH	Robert W. Straub Trust, Seville, OH	Ohio Central Railroad Inc, Stow, OH
Richard C. & Claudia J. Scranton, Seville, OH	The Mary Christine Armstrong Living Trust, Seville, OH	Jerry & Sandra Hall, Strasburg, OH
Robert & Maryan Mathis, Seville, OH	The Massi Family Revocable Living Trust, Seville, OH	Michelle A & Thomas Lille, Strasburg, OH
Robert & Sharon Alderman, Seville, OH	The Sean E. Reusch Trust, Seville, OH	Susan J. Brewster, Streetsboro, OH
Robert & Teresa Grimm, Seville, OH	Trust, Seville, OH	Petrox, Inc, Streetsboro, OH
Robert D. & Mary L. Huff, Seville, OH	Village of Seville Ohio, Seville, OH	Sultan Properties & Farms LLC, Sultan Properties & Farms LLC, Strongsville, OH
Ruby Newcomer, Seville, OH	Joseph Thomas, Sprint, Sharonville, OH	Andrew P. Strojny, Jr. , Strongsville, OH
Sean T. & Deborah A. Davis, Seville, OH	Catherine Hozalski, Floyd A. Hozalski Revocable Trust, Sheffield Lake, OH	Igors & Natalia Pricinovskis, Strongsville, OH
Shane Michael Huffman, Seville, OH	Darrel & Roxanne Neice, Sherrodsville, OH	Kent R. & Erica M. Rhodes, Strongsville, OH
Shirley J. Williams, Seville, OH	Charles Wood, Shreve, OH	Sylvia M. Lutke, Strongsville, OH
Stephen D. & Christine M. Mathews, Seville, OH	Tate Farms Company Ltd, Shreve, OH	Ronald L. & Rosanne Fisher, Stryker, OH
Steven C. & Denise L. Topp, Seville, OH	Carl D Ternes, Spencer, OH	Summitcrest Holdings LLC, Summitville, OH
Steven K. & Beth A. Fulton, Guilford Township, Seville, OH	Carol L & Bernard A Mcafee, Spencer, OH	Watkins Family LP, Summitville, OH
Stuart & Charlene Newcomer, Seville, OH	Eadred Elaine Koch & William W Reisinger & Charlene F Cornish &, Spencer, OH	Joseph McKarns, Summitville, OH
Terry & Lesley Wyszynski, Seville, OH	Eli S & Clara A Hostetler & Abe D & Anna Yoder, Spencer, OH	Pamela Kosko, Summitville, OH
Thomas Jude Herdman, Seville, OH	Glenn A & Carolyn D Gentile, Spencer, OH	Renee L. Lamp, Summitville, OH
Thomas L. & Vicky L. Wellman, Jr., Seville, OH	James E Miller, Spencer, OH	Paul Gearin, Franklin Township Board of Trustees, Summitville, OH
Thomas V. & Jody A. Clarkson, Seville, OH	Julie M Martin, Spencer, OH	Johnston Fruit Farms LLC, Swanton, OH
Timothy & Noreen Cogar, Seville, OH	Karen Bihn & Kenneth L Wetmore, Spencer, OH	A. Jane Gillen, A. Jane Gillen Family Trust, Swanton, OH
Vincent & Kim Jacob, Seville, OH	Kenneth L Wetmore & Karen Bihn, Spencer, OH	A. Jane Gillen, Gale J. Gillen Family Trust, Swanton, OH
Wendel Payn, Guilford Township Ohio, Seville, OH	Neva Marcum, Spencer, OH	A.W. Schmude, Swanton, OH
Wesley & Lori Schroeder, Seville, OH	Pamela J Oberholtzer, Spencer, OH	Albert L Mackey, Swanton, OH
William & Diana Bowman, Seville, OH	Todd C Mosher, Spencer, OH	Alberta L. Smithson & Joseph E. Lewis, Swanton, OH
William Boden, Seville, OH	Indohio Farms LLC, Spencer, OH	Alicia S. Bonnell, Swanton, OH
Willis & Sandra Galbreath, Seville, OH	John Ternes and William Walter Real Estate Partnership, Spencer, OH	Allyn D. Schmitz, Swanton, OH
Glen E. & Lois A. Morrison Trust, Seville, OH	Joyce Hiser, Springfield, OH	Audra L. Klatt, Swanton, OH
Jennifer A. Stewart Trust, Seville, OH	Allison J. Craig, St. Clairsville, OH	Betty Jean Stacey, Swanton, OH
Kathryn Rohrer Trust, Seville, OH	Keith D. & Autumn J. Stoller, Sterling, OH	Carol A. Dowling, Swanton, OH
Linda R. Straub Trust, Seville, OH	Jeffrey S. Gunn, Sterling, OH	Carol Jacks, Swanton, OH
Myron C. Roher Trust, Seville, OH	Brian Valenti, Stow, OH	Carroll Ashley, Swanton, OH
Newcomer Properties Ltd, Seville, OH	David J. & Silvana F. Sensius, Stow, OH	Cathy Kolodziejski, Swanton, OH
Northern Ohio Beagle Club, Seville, OH		Charles D. & June Brown, Swanton, OH
		Cherie & David Evanns, Swanton, OH
		Chris Thiemon, Swanton, OH

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Christine Parker, Swanton, OH	Frank Wayne & Paulette M. Brewster, Swanton, OH	Lawrence E. Storeholder, Lawrence E. Storeholder Trust Agreement, Swanton, OH
Christopher J. & Velma R. Hallett, Trustees, Swanton, OH	Frank X. Renner, Swanton, OH	Lawrence William Konwinski, Swanton, OH
Colleen Taylor, Swanton, OH	Frederic G. & Nancy M. Foster, Swanton, OH	Lois J. Gombash, Lois J. Gombash Credit Shelter Trust, Swanton, OH
David & Darlene L Daugherty, Swanton, OH	Frederick L Meyer, Swanton, OH	Lonnie Snyder, Swanton, OH
David D. Dowling, Swanton, OH	Fritz E. Wells, Swanton, OH	Lowell S. & Diane L. Bryan, Swanton, OH
David M. Mossing, Swanton, OH	Gary D. Mohr, Swanton, OH	Mack Fowler, Swanton, OH
David N. Walters, Swanton, OH	Gary E Duden, Swanton, OH	Margaret A Lehman, Swanton, OH
David S. Smith, Jr., Swanton, OH	Gene & Yvonne Brandenberry, Swanton, OH	Mark E. & Pamela L. Loeffler, Swanton, OH
David W. & Jean Meller, David W. Meller & Jean Meller Revocable Trust, Swanton, OH	Hardress J Waller, Swanton, OH	Mark E. Loeffler, Swanton, OH
Dean R. Dowling, Swanton, OH	Helen A. Beroske, Life Estate, Swanton, OH	Mark Waldron, Swanton, OH
Dennis A. & Jennifer B. Goldsmith, Swanton, OH	Jack C & Gale A Parsil, Swanton, OH	Marsha McKenzie, Swanton, OH
Dennis E & Wanda J Flory, Swanton, OH	James & Laura Cole, Swanton, OH	Mary Beth Euler, Swanton, OH
Dennis J & Denise A Heban, Swanton, OH	Janine A. Moon, Swanton, OH	Matthew P. & Jean M. Bucher, Swanton, OH
Dennis J. & Claudia Duden, Swanton, OH	Jason A. and Sarah J. Fagerman, Swanton, OH	Meredith R. Gillen, Life Estate, Swanton, OH
Dennis M. & Ginger Schwyn, Swanton, OH	Jewell Bryan, Swanton, OH	Merz A & Connie S Little, Swanton, OH
Denver J. & Sally J. Mossing, Swanton, OH	Joe Gombash, Gombash Brothers Inc., Swanton, OH	Michael D. & Vicki D. Loeffler, Swanton, OH
Diane M Halsey, Swanton, OH	John H. & Rhonda L. Gross, Swanton, OH	Michael D. Loeffler, Swanton, OH
Don Neifer, Swanton, OH	John J Dowling, Swanton, OH	Michael G & Anita M Turner, Swanton, OH
Doug & Karen Mold, Swanton, OH	John Rendle, Swanton, OH	Michael Kolodziejski, Swanton, OH
Douglas C. & Lisa M. Keil, Swanton, OH	John Schaller, Swanton, OH	Michael R. Hofner, Swanton, OH
Dowling Farm Partnership, Swanton, OH	John W Miller, Swanton, OH	Michael T Dawe, Swanton, OH
Earl L. & Martha M. Rowland, Jr., Swanton, OH	Joseph A & Cynthia M Zalecki, Swanton, OH	Michael T. Vanwagner, Swanton, OH
Elaine E. Terman, Swanton, OH	Joyce A. Schwyn, The Joyce A. Schwyn Revocable Trust, Swanton, OH	Michelle Langenderfer, Swanton, OH
Elfrieda Jewell, Swanton, OH	Julius W. Gombash, Julius W. Gombash Trust Agreement, Swanton, OH	Natalie Pallitta, Swanton, OH
Elizabeth J Duden, Swanton, OH	Kamal Parker, Swanton, OH	Nathan L. & Jennifer V. Elsworth, Swanton, OH
Elizabeth Victor, Swanton, OH	Karen S. Kendrick, Swanton, OH	Nicholas E. Wohlfarth, Swanton, OH
Eric M. & Amy S. Swartz, Swanton, OH	Kathy Buckenmeyer, Swanton, OH	Pat Rizzi, Swanton, OH
Eugene Gombash, Sr., Eugene Gombash Credit Shelter Trust, Swanton, OH	Kevin & Melissa Weiss, Swanton, OH	Patricia Galvin, Swanton, OH
Eva M Waldron, Swanton, OH	Kevin Seiler, Swanton, OH	Patricia H. McNeill, Swanton, OH
Eva M. Lynch, Swanton, OH	Kevin Seiler, Swanton, OH	Patricia L. Vollmar, Swanton, OH
Frank Wayne & Paulette M Brewster, Swanton, OH	Lance N. & Barbara A. Seiler, Swanton, OH	Patrick H. & Patricia A. Dowling, The Dowling Family Trust, Swanton, OH
	Larry & Mary Daubenmeyer, Swanton, OH	Paul and Lauretta Papp, Swanton, OH
	Larry J. Truckor, Swanton, OH	Peggy S. Gombash, Peggy S. Gombash Trust Agreement, Swanton, OH

Appendix A Draft EIS Distribution List

Penelope G Risher, Swanton, OH	Steven D. & Alice J. Smith, Swanton, OH	Donna A. Woodson, MD, Lucas County Regional Health District, Toledo, OH
Rachel A. Tyler, Swanton, OH	Steven M. & Michelle A. Betz, Swanton, OH	Eric W. & Tammy R. Filzer, Toledo, OH
Randy & Renee Walker, Swanton, OH	Susan S. Rachlin & John C. Kurivial, Swanton, OH	Eric Zgodzinski, MPH, RS, CPH, Toledo-Lucas County Health Department, Toledo, OH
Randy E. & Carrie A. Piasecki, Swanton, OH	Theresa A. Athaide, Swanton, OH	Fred Heaney, Toledo, OH
Raymond K. & Julie A. Szabo, Swanton, OH	Thomas & Patricia Smith, Swanton, OH	Gene H. Brandeberry, Toledo, OH
Rebecca and Joseph Currier, Swanton, OH	Thomas J. Wylie, Sr., Swanton, OH	James R. Leiter, Toledo, OH
Resident, Swanton, OH	Timothy P. & Janet L. Wielinski, Swanton, OH	Jeannie Carl, Toledo, OH
Richard D & Kimberly K Bowser, Swanton, OH	Timothy S Niles, Swanton, OH	Kathryn Brzuchalski, Toledo, OH
Richard H. & Helen A. Gillen, Swanton, OH	Timothy S. Kulczak, Swanton, OH	Katrina Mechel, Toledo, OH
Rick Kazmierczak, Swanton, OH	Tina M. Sigler, Swanton, OH	Kim Kensler-Prager, Toledo, OH
Rickie J. & Kay L. Dohm, Swanton, OH	Trina Houser, Swanton, OH	Michael A Dianda, Toledo, OH
Ricky L. Walters, Swanton, OH	Trudy A. Foster, Swanton, OH	Norm Lewallen, Teamsters Local #20, Toledo, OH
Robert E. Schwyn, Robert E. Schwyn Revocable Trust, Swanton, OH	Vaughn C Miller, Swanton, OH	Norman Dixon, Toledo, OH
Robert H. & Bonnie Cicora, Swanton, OH	Victor Marvin, Swanton, OH	Paul H. and Betty Jane Kaseman, Trustees, Toledo, OH
Robert K. Baker, Swanton, OH	Walter & Danuta Lange, Lange Tree Farm, Swanton, OH	Robert A Ganss, Toledo, OH
Rodney & Bridget Metzger, Swanton, OH	Wesley C Green, Swanton, OH	Ronald Wolniewicz, Toledo, OH
Rodney A Croskey, Swanton, OH	William & Kathryn Mack, Swanton, OH	Steven Pecsénye, Toledo, OH
Roger J. Gillen, Roger Gillen Declaration of Trust, Swanton, OH	William A. Stehowsky, Swanton, OH	Stewart Hinze, Toledo, OH
Roger Truckor, Truckor Farms LLC, an Ohio limited liability company, Swanton, OH	William H & Jane F Green, Swanton, OH	Taylor Barton, Toledo, OH
Rosalie A. Gyurko & David L. Albain, Swanton, OH	William H. & Jane F. Green, Swanton, OH	Thomas McDonald, Toledo, OH
Rose Ann Loeffler, Swanton, OH	William Krah, Swanton, OH	Thomas R. Schoen, Toledo, OH
Rosemary Truckor, Swanton, OH	William S. & Vickie L. Halsey, Swanton, OH	Tim Schefter, Toledo Metro Park Bd, Toledo, OH
Roy L & Peggy E Fry, Swanton, OH	Sean S. Shinaberry Trust, Swanton, OH	Tom Henry, Toledo, OH
Sally Wylie, Swanton, OH	Terrence E. Hallett Trust, Swanton, OH	William B. Crockett Jr., William B. Crockett Jr. Trust, Toledo, OH
Sandra L. Dishong, Swanton, OH	The Florence M. Ort William H. Ort Living Trust, Swanton, OH	Yvonne D. Spence, Toledo, OH
Sandy Lunn, Swanton, OH	Walter H. & Danuta T. Lange Trust, Swanton, OH	Culvur W. & Marie D. Knollman Trust, Toledo, OH
Sara A. Phelan, Swanton, OH	Frank Echelmeyer, Sylvania, OH	H.M. Dodge Trust, Toledo, OH
Scott A. Storeholder, Swanton, OH	Frederick Blosser, Sylvania, OH	Lucas County Board of Commissioners, Toledo, OH
Sharon & Joseph L. Torok, Jr, Swanton, OH	Jeffrey Peters, Sylvania, OH	State of Ohio, Toledo, OH
Stephen A. & Cindy E. Klostermeier, Swanton, OH	Margaret Kohler, Sylvania, OH	Toledo Trust Company, Trustee, Toledo, OH
Stephen E. & Courtney L. Adamczewski, Swanton, OH	Mark Gretsinger, MD, Sylvania, OH	Gene R. Abercrombie, Eastman & Smith Ltd, Toledo, OH
Stephen Krueger, Swanton, OH	Marvin G. & Kathy E. Wilmoth, Jr., Tallmadge, OH	John Martin, Louisville Title Agency for NW Ohio Inc, Toledo, OH
	Andrea Siparsky, Toledo, OH	Marvin & Judith Haas, Toledo, OH
	Beatrice L. Grau, Toledo, OH	
	Beverly A. Modrowski, Toledo, OH	
	C. Renee Emrick, Toledo, OH	

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Terry Lodge, Freshwater Accountability Project, Toledo, OH	Donald F. & Laura E. Whitman, Uniontown, OH	Maurice A. Barillas, Uniontown, OH
David & Nancy Prosser, Toronto, OH	Donald R. & Christine E. Wagner, Uniontown, OH	Melinda K. Slabaugh, Uniontown, OH
Anthony J. & Sharen L. Campitelli, Uniontown, OH	Donald Ziccardi, Uniontown, OH	Melvin A. & Rebecca S. Schafer, Uniontown, OH
Arthur L. & Janet L. Fessler, Uniontown, OH	Elizabeth A. Wargo, Uniontown, OH	Michael & Katlyn Williams, Uniontown, OH
Atlee & Cynthia Coblentz, Uniontown, OH	Gary R. Jr & Bridget D. Jones, Uniontown, OH	Michael E. White, Jr., Uniontown, OH
Bijan Aboutorabi, Uniontown, OH	Geoffrey L. Miller, Uniontown, OH	Michael G. & Ann E. Sowd, Uniontown, OH
Bill Anstine, Anstine Properties, LLC, Uniontown, OH	Gerald R. & Rosemarie A. Detchon, Uniontown, OH	Michael L. Sommers, Uniontown, OH
Bonnie L. Latampa, Uniontown, OH	Gloria L. Gonzalez, Uniontown, OH	Michael P. & Antoinette C. Viscounte, Uniontown, OH
Brandon & Ashley Livengood, Uniontown, OH	Gregory & Stacie A. Stearn, Jr., Uniontown, OH	Michelle M. Judd, Uniontown, OH
Breanna M. Smith, Uniontown, OH	Gregory A. Kenepp, Uniontown, OH	Michelle Vance, Uniontown, OH
Brenda Wendell, Uniontown, OH	Gregory P. & Korey E. Shank, Uniontown, OH	Nelson L. & Patricia A. Shammo, Uniontown, OH
Brian F. Keller, Uniontown, OH	Harold R. & Deirdre Baughman, Uniontown, OH	Nickolas A. Bair, Uniontown, OH
Brian H. & Lisa L. Kay, Uniontown, OH	James C. & Diana S. Biddle, Uniontown, OH	Nicole D. Marks, Uniontown, OH
Bruce C. & Shirley A. Kent, Uniontown, OH	James E. & Cora B. Leiser, Uniontown, OH	Patrick A. & Claudia A. Darrah, Uniontown, OH
Candido N. & Marietta B. Vina, Uniontown, OH	Jason N. & Kimberly R. Rimmele, Uniontown, OH	Patrick K. & Shelley A. Ramey, Uniontown, OH
Charles & Cheryl A. Marcelli, Uniontown, OH	Jeffrey Jay Smith, Uniontown, OH	Paul W. & Rebecca J. Schwender, Uniontown, OH
Charles D. Park, II, Uniontown, OH	Joel L. & Megan Schlabach, Uniontown, OH	Peter A. Nervo, Uniontown, OH
Cheryl & James Santmyer, Uniontown, OH	John W. & Sara L. Chambers, Uniontown, OH	Queen of Heaven Catholic Church, Uniontown, OH
Christopher J. & Abigail G. Porter, Uniontown, OH	Jon M. Lemasters, Uniontown, OH	Randall E. & Carol J. Foux, Uniontown, OH
Christopher J. Gaertner, Uniontown, OH	Joshua R. & Juliana L. Welling, Uniontown, OH	Richard L. & Patsy M. Sherer, Uniontown, OH
Cory J. & Sarah C. Boyle, Uniontown, OH	Kathy A. Berrens, Uniontown, OH	Robert C. & Deborah J. Braham, Uniontown, OH
Courtney Paul, Uniontown, OH	Keith A. Sherer, Uniontown, OH	Robert D. & Shelly Feinman, Uniontown, OH
Daniel E. & Claudia E. Rocus, Uniontown, OH	Kelsey M. Allen, Uniontown, OH	Robert L. Pavkov II & Carrie L. Pavkov, Uniontown, OH
Danielle L. Cunningham, Uniontown, OH	Kenneth C. II & Kara A. Harland, Uniontown, OH	Robert Paul Hiley, Uniontown, OH
Darla D. Brown, Uniontown, OH	Kenneth R. Sommers, Uniontown, OH	Sandy Shelestovich, Uniontown, OH
David A. Hoffman, Uniontown, OH	Larry W. Sommers, Uniontown, OH	Sean M. Tracey, Uniontown, OH
David Kurkey, Uniontown, OH	Linda M. Menyes, Uniontown, OH	Sheldon D. & Chandra R. Coblentz, Uniontown, OH
David R. & Debra J. Denholm, Uniontown, OH	Mark A. & Cynthia S. Fusco, Uniontown, OH	Stephen L. & Susan M. Partridge, Uniontown, OH
David S. & Kathryn L. Miller, Uniontown, OH	Mark A. & Laura K. Thompson, Uniontown, OH	Stephen Padermos, Uniontown, OH
David W. & Catherine Rama Reese, Uniontown, OH	Mark D. & Lisa M. Nesline, Uniontown, OH	Suzanne Fisher, Uniontown, OH
Deborah D. Marino, Uniontown, OH	Mark G. Fusco, Uniontown, OH	Tammy Daly, Green Meadows HOA, Uniontown, OH
Diane Opala, Uniontown, OH	Mary Ellen Summers, Uniontown, OH	Teresa R. Coulas, Uniontown, OH

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Thomas A. & Lori M. Shevlin, Uniontown, OH	Amy Giovannone, Millwood Natural, Vienna, OH	Michael J. & Patricia L. Sega, Wadsworth, OH
Tom Colston, Jr., Uniontown, OH	Allen & Carol Drown, Wadsworth, OH	Paul & Maureen Hardy, Wadsworth, OH
Wayne R. Pryor, Uniontown, OH	Andrew & Pamela Daulbaugh, Wadsworth, OH	Raymond G. Landis, Wadsworth, OH
William D. & Janice L. Pahl, Uniontown, OH	Bill Orr, Wadsworth, OH	Richard & Theresa Leibold, Wadsworth, OH
William E. & Kelli R. Vannatten, Uniontown, OH	Brett & Heather Richards, Wadsworth, OH	Richard E. & Patricia A. Lowe, Wadsworth, OH
William E. McGhee, Uniontown, OH	Bruce & Laurel Herron, Wadsworth, OH	Robert & Teri Gourley, Jr., Wadsworth, OH
William R. & Marion K. Snow, Uniontown, OH	Charles Schickler, Wadsworth, OH	Robert J Sega, Wadsworth, OH
William T. & Cindy R. Tropf, Uniontown, OH	Christopher & Susan Gambaccini, Wadsworth, OH	Robert Patrick, The City of Wadsworth, Wadsworth, OH
Yvonne Wendell, Uniontown, OH	Clifford E. Lowe, Wadsworth, OH	Robin Lee & Paula Kay Hart, Wadsworth, OH
B & B Realty Ltd, Uniontown, OH	Corin & Lisa Boruvka, Wadsworth, OH	Rull & Dawn Rist-Opal, Wadsworth, OH
Coblentz Family Limited Partnership, Uniontown, OH	Cory Boruvka, Wadsworth, OH	Russ Callahan, Wadsworth, OH
Colonial Homes Inc., Uniontown, OH	Craig T. Hecker, Wadsworth, OH	Russell & Cheryl Callahan, Wadsworth, OH
Hopes Anchor LLC, Uniontown, OH	Daniel E. & Anita M. Pope, Wadsworth, OH	Ryan & Andrea Moore, Wadsworth, OH
Resonate Real Estate Holdings LLC, Uniontown, OH	David & Donna Copeland, Wadsworth, OH	Sean Leatherman, Chippewa Meats Inc, Wadsworth, OH
SEC Property Holdings, LLC, Uniontown, OH	Dean & Cheryl Marshall, Wadsworth, OH	Seth Whitney, Wadsworth, OH
The David Noel and Margaret W. Noel Revocable Living Trust, Uniontown, OH	Donald R. Snyder, Wadsworth, OH	Shane & Julie Humes, Wadsworth, OH
The Henry J. Coblentz and Savilla M. Coblentz Revocable Living Trust, Uniontown, OH	Douglas Mcintire, Wadsworth, OH	Stephan T. & Myrna C. Farkas, Wadsworth, OH
The Wise Family Trust, Uniontown, OH	Dwayne & Judith Lahmann, Wadsworth, OH	Timothy Reed, Wadsworth, OH
Roger M Hight, Upper Sandusky, OH	Eric Orlando, Wadsworth, OH	Todd & Brenda Jones, Wadsworth, OH
Roger M. Hight, Upper Sandusky, OH	Gerald & Michelle Munyan, Wadsworth, OH	Vernon Landis, Wadsworth, OH
Rocky River Watershed Council, Valley View, OH	Gregory & Debbie Pegrin, Wadsworth, OH	The Guilford Farms Development, Wadsworth, OH
Neill Welch, Welch Fruit Farms Inc., Vermilion, OH	Jeff Hoerger, Wadsworth Township, Wadsworth, OH	Damar Valley LLC, Wadsworth, OH
Zack Doylek, Vermillion, OH	Jeffrey & Michelle Gibson, Wadsworth, OH	Gatliff Building Company, Wadsworth, OH
David A. & Daniel M. Warner, Warner Brothers Farm, an Ohio Partnership, Vickery, OH	Josh & Nicole Cook, Wadsworth, OH	Rohrig Living Trust, Wadsworth, OH
David A. Perry, Vickery, OH	Kurt & Rene Gerschutz, Wadsworth, OH	The Guilford Farms Development, Wadsworth, OH
Emily K. Petronella, Vickery, OH	Kurt Gerschutz, Wadsworth, OH	The Guilford Farms Development, Wadsworth, OH
Mary C. Clonch, Vickery, OH	Kyle M. Rohrig, Wadsworth, OH	The Guilford Farms Development, Wadsworth, OH
Michael James Norrocky, Vickery, OH	Loren & Susan Lee, Wadsworth, OH	The Guilford Farms Development, Wadsworth, OH
Otis R. McClain, Vickery, OH	Lori & Thomas Prather, Wadsworth, OH	The Lowe Farm Family Limited Partnership, Wadsworth, OH
Patrick Balduff & Kevin Balduff, Lekepa Farms, a Partnership, Vickery, OH	Mark & Kimberly Crow, Wadsworth, OH	Sayler Family Farms Llc, Wakeman, OH
Patrick L. & Kevin L Balduff, Vickery, OH	Martin W. & Kathleen L. Marrin, Wadsworth, OH	Alice Ross, Wakeman, OH
	Mary Saurer, Wadsworth, OH	Annetta M. Wuitowicz, Wakeman, OH
	Merle R. & Bonnie S. Hartzler, Wadsworth, OH	

Appendix A Draft EIS Distribution List

Anthony R & Peggy Lee Shamblin, Wakeman, OH	M. Elizabeth Murdock, Robert G. Murdock Trust, Wakeman, OH	Charles R. & Kathryn A. Gifford, Waterville, OH
Arthur W. Daniels, Daniels Family Revocable Living Trust, Wakeman, OH	Melinda Dalton aka Melinda M Dalton, Wakeman, OH	Christopher Robert Weimer, Waterville, OH
Carol Butler, Wakeman Township, Wakeman, OH	Melinda M. Dalton, Harold S. Dalton, Jr. Trust, Wakeman, OH	Daniel J. & Lisa M. Goetz, Waterville, OH
Catherine E. Watson, Wakeman, OH	Michael & Palli Holubar, Wakeman, OH	David G. & Darlene Bell, Waterville, OH
Charles F., Jr. & Beryl Jean Moehl, Wakeman, OH	Michael A. & Kathy L. Littleton, Wakeman, OH	David Subleski, Browning Masonic Community, Inc, Waterville, OH
Christopher L. Hozalski, Wakeman, OH	Michael W. Coultrip, Wakeman, OH	Eric & Diane Durbin, Waterville, OH
Courtney Ortner, Wakeman, OH	Patricia Balmert Bates, Wakeman, OH	Gina Guzowski, Waterville, OH
Dale R. & Louise Jackson, Wakeman, OH	Patrick J. & Connie M. Blewitt, Wakeman, OH	Gus J. Campagna, Waterville, OH
Dale W. & Rita A. Daniels, Wakeman, OH	Raymond G. Jr. & Kristine J. Sterk, Wakeman, OH	H. Squire Young, Waterville, OH
Dennis H. Watson, Wakeman, OH	Robert C. Quester, Wakeman, OH	Jeffery A. & Carrie L. Dress, Waterville, OH
Donald H. & Stacia L. Daniels, Wakeman, OH	Robert L. Blankinsop, Wakeman, OH	Jenna Ditzig, Waterville, OH
Edward J. Kukucka, Wakeman, OH	Steve Ortner, Wakeman, OH	Jesse L. Winslow, Life Estate, Waterville, OH
Eleanor F. Hopkins, Life Estate, Wakeman, OH	Susan Ann Carroll, Wakeman, OH	Jesse S. & Sharon L. Winslow, Waterville, OH
Elwin E. & Nancy E. Sayler, Wakeman, OH	Terry W. Buchs, Wakeman, OH	Joseph P. & Carrie M. Hertzfeld, Waterville, OH
Frederick J. & Diane A. Wolf, Wakeman, OH	Thomas J. Krumwiede, Wakeman, OH	Keith & Brenda Moosman, Waterville, OH
Gary & Debbie L. Carruthers, Wakeman, OH	William C. & Marlene M. Ray, Wakeman, OH	Kreg A. & Danya Moosman, Waterville, OH
Gary A. Coultrip, Wakeman, OH	William J. & Pamela E. Sharp, Wakeman, OH	Kreg Moosman, Waterville, OH
George & Sandy Springer, Wakeman, OH	William Ray, Wakeman, OH	Laura Ann Elder, Waterville, OH
George Henry Dalton, Jr., Wakeman, OH	Credit Shelter Trust B of the Daniels Family Revocable Trust, Wakeman, OH	Lindsay M. Eberly, Waterville, OH
Girl Scouts of North East Ohio, Camp Timberlane, Wakeman, OH	Girl Scouts of East Ohio, Wakeman, OH	Marjorie R. Hertzfeld, Marjorie R. Hertzfeld Trust, Waterville, OH
Harland K. & Margaret L. Holcomb, Wakeman, OH	Edward Dalton, Dalton Acres, LLC., an Ohio Limited Liability Company, Wakeman, OH	Michael L. & Kimberly J. Hertzfeld, Waterville, OH
James L Parker, Wakeman, OH	Gerald L. & Alice M. Krumwiede, Wakeman, OH	Nicholas & Marcia Styacich, Waterville, OH
Jared S. & Rebecca Kopocs, Wakeman, OH	Mary Jo Harris, Wakeman, OH	Nicholas P & Marcia Styacich, Waterville, OH
Jerry W & Darlene E. Trimble, Wakeman, OH	William E. & Michael J. Hanko w/LE of Norman J. Hanko and Kathleen Ann Hanko, Wakeman, OH	Patricia A. Weimer, Patricia A. Weimer Trust, Waterville, OH
John H. Moehl, Wakeman, OH	Arlyn L. & Sue L. Brinker, Walbridge, OH	Priscilla & Aaron Bersee, Waterville, OH
John K. Krumwiede, Wakeman, OH	Whitney N. Keyser, Warren, OH	Richard Hertzfeld, Waterville, OH
Judy A. Brock, Wakeman, OH	Bonnie J Smallwood, Waterville, OH	Richard R. & Laura H. Hertzfeld, Waterville, OH
Karen M. Johnson, Wakeman, OH	Brent L. & Jaime R. Lamarand, Remainderman, Waterville, OH	Robert Black, Waterville Gas Company, Waterville, OH
Kathy Woljevach, Wakeman, OH	Brooke E. Clouse, Waterville, OH	Robert F. Weimer, Robert F. Weimer Trust, Waterville, OH
Leslie D. & Truetta R. Ealy, Wakeman, OH	Burton L. & Joanne J. Finch, Jr., Waterville, OH	

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Robert J. & Carol A. Zeigler, Waterville, OH	Ralph Foster, Trustee, Ralph G Foster Rev Trust, Waynesburg, OH	Paul Walko, Wellington, OH
Rolland B. Moosman, Trustee, Waterville, OH	Ray W & Jill Vanvoorhis, Waynesburg, OH	Randall & Brenda Leiby, Wellington, OH
Ronald L. Hood, Waterville, OH	Roger S & Lori Oliver, Waynesburg, OH	Rebecca & David Jones, Wellington, OH
Roy L. & Claudia C. Sidener, Waterville, OH	Shirley Neice, Waynesburg, OH	Richard & Brenda Hergina, Wellington, OH
Ruth Gwynne, Waterville, OH	JMF Land Co., LLC, Wellington, OH	Richard & Carol Discus, Wellington, OH
Ryan J. & Cristy L. Belkofer, Waterville, OH	Becky McDonnell, Wellington, OH	Richard Maurer, Wellington, OH
Toby & Sarah Miller, Waterville, OH	Beverly Berner, Wellington, OH	Robert & Martha Eyring, Wellington, OH
William K. & Robin L. Gernheuser, Waterville, OH	Brill View Farms Inc, Wellington, OH	Scott E & Bonnie K Cooper, Wellington, OH
F. & N. Hertzfeld, An Ohio Partnership, Waterville, OH	Charles Norton, Wellington, OH	Steve & Renee Pavelko, Wellington, OH
Fritzie May & Richard E. Schifferly Trust, Waterville, OH	Chester Bowling, Wellington, OH	Thomas & Carrie Stannard, Wellington, OH
Jane E. Imes Trust, Waterville, OH	Dale Norton, Trustee, Wellington, OH	Timothy & Lois Wulfooop, Wellington, OH
John T. Hanifan Trust, Waterville, OH	David & Sandra Romanchik, Wellington, OH	Virginia Olienechak, Wellington, OH
Marjorie R. Hertzfeld Trust, Waterville, OH	Dennis & Carol Shumaker, Wellington, OH	William & Patricia Flynn, Wellington, OH
Mark & Bonnie L. Hearndon Trust, Waterville, OH	Donald Mariast, Wellington, OH	Babitt Investment Co LLC, Wellington, OH
Mary Frances Bell Trust, Waterville, OH	Dwight & Lisa Rice, Wellington, OH	Gordon Farms Partnership Llp, Wellington, OH
Richard G. Hertzfeld, Jr. Trust, Waterville, OH	Gregory A Moss, Wellington, OH	Hollstein Farm Ii LLC, Wellington, OH
Robert F. & Patricia A. Weimer Trust, Waterville, OH	Harold & Beverly Norton, Wellington, OH	Lorain-Medina Electric Coop Inc, Wellington, OH
Rolland B. Moosman Trust, Waterville, OH	Harold Weaver, Wellington, OH	Sunny Valley Land Co Xv LLC, Wellington, OH
Thad W. & Barbara E. Jones Trust, Waterville, OH	James & Darcy Klier, Trustees, Wellington, OH	Geraldine Y. Albanese, Wellsville, OH
The Schifferly Family Trust, Waterville, OH	James & Joanna Sue Barbor, Wellington, OH	Anthony Myer, West Salem, OH
Toledo, Lake Erie & Western Railway Museum, Inc., Waterville, OH	Janet Dinieri, Wellington, OH	Betty J Kiczek, West Salem, OH
Ziad Musallam, Fulton County Sanitary District, Wauseon, OH	John Dovin, Wellington, OH	Betty Kiczek, Trustee, West Salem, OH
Barbara Neice, Waynesburg, OH	Joyce Darakis, Trustee, Wellington, OH	Brenda Nichols, West Salem, OH
Donald & Virginia Vanvoorhis, Trustees, Waynesburg, OH	Kelley Hannema, Wellington, OH	Bruce Imhoff, West Salem, OH
Gary Mckinney, Waynesburg, OH	Kevin & Debra Gott, Wellington, OH	Bruce Koch, West Salem, OH
Howard B O'Neill, Trustee, Howard B O'Neill Rev Trust, Waynesburg, OH	Larry & Elizabeth Hurst, Wellington, OH	Conrad & Christine Amstutz, West Salem, OH
Jean Gotchall, Waynesburg, OH	Larry & Elizabeth Hurst, Wellington, OH	Daniel & Karen Freitag, West Salem, OH
Michael & Trina Griffith, Waynesburg, OH	Laura Kalat, Wellington, OH	David & M Devore, West Salem, OH
Patty J Dalton, Trustee, Waynesburg, OH	Lora Vanderwyst, Wellington, OH	David Davore, West Salem, OH
	Matthew Goebel, Wellington, OH	Dean Mcilvaine, West Salem, OH
	Matthew Knapp, Wellington, OH	Dennis Foltz, West Salem, OH
	Nancy & Rodger Ferguson & Babbitt Investment, Wellington, OH	Eli Gingerich, West Salem, OH
	Nancy M. Ferguson-Land, Wellington, OH	Eugene Lowe, Trustee, West Salem, OH
	Norman & Connie Bradley, Wellington, OH	

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Joanna Ulrich-Melert & James T Melert, West Salem, OH	Andrew Lyke, Whitehouse, OH	The Wayne H. Fisher Trust, Whitehouse, OH
Joe & Diana Miley, West Salem, OH	Arthur T. & Karen E. Asbury, Whitehouse, OH	Myron Ray Grim, Willard, OH
John & Linda Badger, West Salem, OH	Brent L. & Jamie R. Lamarand, Whitehouse, OH	Constance L. Taylor, Willoughby, OH
Jonathan & Amy Miley, West Salem, OH	Cale R. & Lindsay A. Jones, Whitehouse, OH	Carol M. Lewis, Willsonville, OH
Kymerlee D & Christopher S Gibson, West Salem, OH	Cherie Blair, Whitehouse, OH	Wilderness Center Inc, Wilmot, OH
Leonard J. Bunyak, Jr., West Salem, OH	Debra Stadler, Whitehouse, OH	John W. Detweiler, Etal, Windsor, OH
Lereta Llc, West Salem, OH	Dorothy Danhauer, Whitehouse, OH	Black Swamp Holdings LLC, Woodville, OH
Linda Mcweeny, West Salem, OH	Gordon L. Rhoades, Gordon L. Rhoades via Declaration of Trust, Whitehouse, OH	Lions Investment LLC, Woodville, OH
Margarete Wise, West Salem, OH	James R. Fisher, Whitehouse, OH	Allan P. Huss, Woodville, OH
Michael Colvin, Trustee, West Salem, OH	Jane Walther, Whitehouse, OH	Anthony C. & Samantha Schroeder, Woodville, OH
Randall Ross, West Salem, OH	Jean N. Herman, Whitehouse, OH	Bruce A. & Theresa M. Stone, Woodville, OH
Raymond J Paul, West Salem, OH	Jeff Thomas, Thomas Farms, Inc., Whitehouse, OH	Deborah S. Schultz, Woodville, OH
Richard Billman, Trustee, West Salem, OH	John Romaker, Whitehouse, OH	Emil J. Konesky, Emil J. Konesky Living Trust, Woodville, OH
Robert C Cole, West Salem, OH	Joyce and Brian Donahue, Whitehouse, OH	Eric J. Hardy, Woodville, OH
Robert J Steurer, West Salem, OH	Kevin B. & Rebecca L. Taylor, Whitehouse, OH	Forrest & Alice M. Fork, Woodville, OH
Robert R & Thomas Angus, West Salem, OH	Lonnie Perry, Lonnie Perry Farms Ltd. An Ohio LLC, Whitehouse, OH	Frederick C. Johlin, Orewood LLC, Woodville, OH
Roger & Wayne Koch, West Salem, OH	Margaret Shaw, Whitehouse, OH	Gary L. & Cheryl A. Hoodlebrink, Gary L. Hoodlebrink and Cheryl A. Hoodlebrink Joint Living Trust, Woodville, OH
Roy & Kathlee Hochstetler, West Salem, OH	Matt Meeker, Whitehouse, OH	Greg A. and Rachel M. Hoodlebrink, Woodville, OH
Stacey R Gehring & Robert A Lambert, West Salem, OH	Michael A. & Kimberly D. Drake, Whitehouse, OH	James A. & Rebecca L. Kohn, Woodville, OH
Todd Jackson, West Salem, OH	Michael L. Stokes, Whitehouse, OH	James L. & Mona M. Borcharding, Woodville, OH
Wade Yoss, West Salem, OH	Nancy Dangler, Whitehouse, OH	James M. & Brenda L. Brien, Woodville, OH
Commercial & Savings Bank, West Salem, OH	Neil Hilfinger, Whitehouse, OH	Jeffrey A. Fork, Woodville, OH
Corelogic, West Salem, OH	Property Manager, Lonnie Perry Farms LTD an Ohio LLC, Whitehouse, OH	John C. & Tracey J. Huss, Woodville, OH
Cowan of River Corners LLC, West Salem, OH	Randy & Shirley Mastin, Whitehouse, OH	Kristy L. Miesle, Woodville, OH
Jai Real Estate Holdings LLC, West Salem, OH	Richard McCraney, Whitehouse, OH	Robert Keith Schlachter, Woodville, OH
Mcilvaine Land Co LLC, West Salem, OH	Robert Rolfes, Whitehouse, OH	Rodney S. Chesnutte, Woodville, OH
Sovereign Investments LLC, West Salem, OH	Rosanna Roche, Whitehouse, OH	Sandy Bringman, Woodville, OH
Donald & Nanette Davis, Westerville, OH	Tara & Steve D'Amore, Whitehouse, OH	Stephen A. & Cynthia A. Huss, Woodville, OH
Richard A. & Gay N. Baumgartner, Westlake, OH	Thomas N & Diana J Herman, Whitehouse, OH	Tracy R. Rife, Woodville, OH
Spiro Vamvakas, Westlake, OH	Victoria Malenfant, Whitehouse, OH	Verna J. Konesky, Verna J. Konesky Living Trust, Woodville, OH
Joann Euler, Weston, OH	4 D Farms, LLC, Whitehouse, OH	Virginia M. Swartz, Woodville, OH
Heilmann Farms Inc. An Ohio Corp, Whitehouse, OH	Heilmann Acres LLC, Whitehouse, OH	William H. & Cedele S. Emch, Woodville, OH
Alyssa D. Hodge, Whitehouse, OH	Stacy L. Owen Trust, Whitehouse, OH	

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Credit Shelter Trust of the Hoodlebrink Family Trust, Woodville, OH	Mark McClure, Wooster, OH	Corelogic, Wooster, OH
Aaron Keim, Wooster, OH	Martha & Steven Starr, Wooster, OH	Dna Wine Properties, LLC, Wooster, OH
Allen Brubaker, Wooster, OH	Michael & Sharon Porter, Wooster, OH	Info-Pro Lender Services, Wooster, OH
Andrew & Christina Coblentz, Wooster, OH	Michael Hoefler, Wooster, OH	Ki Ja Mar Farms LLC, Wooster, OH
Bennie R. & George A. Barner, Wooster, OH	Michael Shultz, Wooster, OH	Lone Oak Farm LLC, Wooster, OH
Blanche M. Barner, Wooster, OH	Michele Bowers, Wooster, OH	Neighborhood Pantry LLC The, Wooster, OH
Bradley & Amy Yound, Wooster, OH	Mike Barnhouse, Wayne County Engineer, Wooster, OH	Park National Bank, Wooster, OH
Clyde & Cheryl Crisco, Wooster, OH	Nelson Miller, Wooster, OH	Prairie Lane Farms Inc Ohio Corp, Wooster, OH
Connie Reed, Wooster, OH	Oren Sanderson, Wooster, OH	Rastetter Farm LLC, Wooster, OH
Curtis Crocker, Wooster, OH	Parry & Susan Cochran, Wooster, OH	RRC Investment Group LLC, Wooster, OH
David & Christene Acker, Wooster, OH	Patricia Digiacomio, Trustee, Wooster, OH	Rwm & M Development Corporation, Wooster, OH
David Troyer, Wooster, OH	Paula & Travis Mcfadden, Wooster, OH	Rwm & M Development Corporation, Wooster, OH
Dawson & Judy Alsdorf, Wooster, OH	Peggy Elvey, Trustee, Wooster, OH	State of Ohio OARDC, Wooster, OH
Eberly Farms, Wooster, OH	Randall & Sue Ann Berry, Co-Trustees, Wooster, OH	The Lila M. Woods Living Trust, Wooster, OH
Elizabeth Garrett, Wooster, OH	Randall Bowers, Wooster, OH	The Samuel J. Woods Living Trust, Wooster, OH
Gary Bonowitz, Wooster, OH	Rod Crider, CEcD, CCE, Wayne Economic Development Council, Wooster, OH	Wayne County Commissioners, Wooster, OH
Gerald Klingerman, Wooster, OH	Roger & Rita Dush, Wooster, OH	Anthony F. Jr. Cutrona, Youngstown, OH
Glenn James, Wooster, OH	Roger Maurer, Wooster, OH	John Thomas, Youngstown, OH
Gregory & Carol Webb, Wooster, OH	Roger Phillip Smailes, Trustee, Wooster, OH	Richard W. & Lauren S. McCarthy, Youngstown, OH
Gregory & Dianne Sautter, Wooster, OH	Roger Zimmerly, Wooster, OH	John McGehee, Ypsilanti, OH
Gregory & Peggy Tieche, Wooster, OH	Roy & Doris Bowers, Wooster, OH	Monty E Harris, Berlin Heights, OH
Herbert & Anita Berry, Co-Trustees, Wooster, OH	Ruth Kaplan, Wooster, OH	The Stone Family Trust, Little Rock, AR
Jay & Ellen Firebaugh, Wooster, OH	Ruth Tisher, Wooster, OH	Linda D. Welsch, George A. Russell and Norma E. Russell Trust, Camp Verde, AZ
Jeffrey Bower, Trustee, Wooster, OH	Scott Martin, Wooster, OH	Steven L. & Billie Miller, Fort Mohave, AZ
Joanne & Paul Richard, Wooster, OH	Tammy Sue Immel, Wooster, OH	Republic Services of Ohio Ii LLC, Phoenix, AZ
Joanne Tate, Wooster, OH	Ted Holvey, Wooster, OH	Patricia Kay Bolen, Prescott Valley, AZ
John Winkler, Wooster, OH	Thomas Walton, Wooster, OH	Property Manager, Green Tree Servicing, LLC, Tempe, AZ
Johnathan & Debbie Berger, Wooster, OH	Troy Immel, Wooster, OH	Patricia L. Barnhart, Tucson, AZ
Joseph & Naomi Richard, Wooster, OH	Wanda Kaufman, Wooster, OH	Jacob S. Wargo, Cucamonga, CA
Karol Mairs, Wooster, OH	Wilbur & Alverda Bowers, Wooster, OH	Earl D. Benton, Huntington Beach, CA
Keith Speelman, Wooster, OH	Yvonne Mckee, Wooster, OH	Delamore Lake Shore LP, Newport Beach, CA
Kelly Hawk, Wooster, OH	Ach Payments Semi Annual, Wooster, OH	
Kenneth & Susan Madick, Trustees, Wooster, OH	Corelogic, Wooster, OH	
Lavon & Julia Weaver, Wooster, OH	Corelogic, Wooster, OH	
Leroy Yoder, Wooster, OH	Corelogic, Wooster, OH	
Lester Howman, Wooster, OH	Corelogic, Wooster, OH	
Lloyd James, Wooster, OH	Corelogic, Wooster, OH	
Lorna Speelman, Wooster, OH	Corelogic, Wooster, OH	
Lynette Geitgey, Wooster, OH	Corelogic, Wooster, OH	

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Valerie Wheeler, Wheeler 2012 Revocable Trust, Sacramento, CA	ABP MI (Detroit), LLC c/o BlueLinX Corporation, Atlanta, GA	Richard P & Wendy Neice, Elgin, IL
Benjamin Cooper, Brighton, CO	Norfolk Southern Railroad Corporation, Atlanta, GA	Robert & Candy Carroll, Elgin, IL
Marianne Grantham, Northern Ohio & Western Railway, Denver, CO	Clemmie Foley, Decatur, GA	Ronald & Valarie Feucht, Elgin, IL
Spencer's Woods, LLC, Durango, CO	Brenda Davis-Murrell, Hampton, GA	Ronald L & Tessa Lambert, Elgin, IL
Jerry Kuner, Longmont, CO	Scott Busson, Woodstock, GA	Thomas A & Jeannette Blackburn, Elgin, IL
General Telephone Co, Norwalk, CT	Charles J. Karlen, Kihei, HI	Wesley Smith & Maria Tilton, Elgin, IL
Robin Rorick, American Petroleum Institute, Washington, DC	Sandra Soloman, Des Moines, IA	Jay Doyle, 1659 Beverly, LLC, Grayslake, IL
Edward L. Macek, Altha, FL	Michael E. Schmidt, Dows, IA	Sean McDonald, BP Pipelines (North America), Naperville, IL
Alden Ritter, Belleair, FL	William D. Cupps, Champaign, IL	Willow Run Business Center, LLC., Oak Brook, IL
The Melba V. Withrow Trust, Beverly Hills, FL	Virginia Laszewski, US EPA, Region 5, OECA, NEPA Implementation Section, Chicago, IL	Kevin J. Simecek, Remainderman, Spring Grove, IL
Karen G. Arft, Bradenton, FL	American Landfill Inc, Chicago, IL	The Big Till, LLC, an Ohio Limited Liability Company, Freetown, IN
Donald E. & Mary Myers, Estero, FL	CWM Holdings Inc., a Delaware Corporation, Chicago, IL	Danny Cochran, Kinder Morgan Pipeline, Goshen, IN
Marlene Payette, Gainesville, FL	Alan & Jordan Merry, Elgin, IL	Thomas Dunlap, Haustadt, IN
Donna Killingsworth, Genesee & Wyoming Railroad Services Inc., Jacksonville, FL	Brownell Knight, Elgin, IL	Nancy J. Marshall, Roanoke, IN
Csx Transportation Inc, Jacksonville, FL	Cara Armitage, Elgin, IL	T.R. Stumbo, Lexington, KY
MSI Property Management Co., Jacksonville, FL	Charles L & Martha Asplin, Elgin, IL	Corman R J Railroad Company/Cleveland Line, Nicholasville, KY
Thomas Lee Griffiths, Lady Lake, FL	Christopher & Aimee Stutz, Elgin, IL	Carolyn A. Filzer, Filzer Irrevocable Trust, Owensboro, KY
Robbins Family Revocable Trust, Lake Worth, FL	Danny & Jacqueline Reeves, Elgin, IL	Kevin Magsig, Prospect, KY
Elizabeth Pierce, Leesburg, FL	Darvin & Barker Cortez, Elgin, IL	Robert Magsig, Prospect, KY
The Betty L. Faust Revocable Trust, New Port Richey, FL	Deborah Pesko, Elgin, IL	Steven Magsig, Prospect, KY
Margarita A. Meyers, Orange Park, FL	Donald & Emily Hester, Elgin, IL	2462 Greensburg Road, LLC, Staffordsville, KY
Don E. Monroe, Port Charlotte, FL	Donald & Sharon Charnetzky, Elgin, IL	Lucas Missong, Oregon Clean Energy, LLC, Needham, MA
Jerre Murray, Sarasota, FL	Dustin Pry & Sarah Lehman, Elgin, IL	Richard Clark, Westport Point, MA
Dawn Davis-Carpenter, CSX Transportation, Ohio, South Jacksonville, FL	Elmer & Karen Johnston, Elgin, IL	Rick Arndt, Bethesda, MD
Larry J. & Terri L. Gabric, St. Petersburg, FL	George & Young Belinda Knetsch, Elgin, IL	Joanne Wachholder, Boyds, MD
Patricia Ann Tredway, Wildwood, FL	Gerald Beshore, Elgin, IL	C&P Railroad, Cumberland, MD
Ach Escrow-Monthly, Wildwood, FL	Gregory A & Vicki Luckring, Elgin, IL	Patricia Ann Heinz, Dayton, MD
William W. & Caroline G. Van Eaton, Winter Haven, FL	Jackson & Heidi Williamson, Elgin, IL	Ronald Christopher, Fort Washington, MD
The Shirley A. Sell Trust, Zephyr Hills, FL	Joseph M Leary, Etal, Elgin, IL	Monica Miller, New Market, MD
William J. Sell, The Marvin L. Sell Trust, Zephyrhills, FL	Justin & Eberly Stufft, Elgin, IL	Christine Detroy, Brunswick, ME
Norfolk Southern Corporation, Atlanta, GA	Michael & Stephanie Manon, Elgin, IL	Mike Harris, Enbridge Pipeline, Duluth, MN
	Michael W & Stephanie Manon, Elgin, IL	The Melvin F. Dailey Trust, Milan, MN
	Nelson Poland & Debra Mutigli, Elgin, IL	Abby Korte, Merjent, Minneapolis, MN
	Philip & Lisa Glasgow, Elgin, IL	
	Philip Berresford, Elgin, IL	
	Regina Riley, Elgin, IL	
	Richard N & Donna Mayle, Elgin, IL	

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Andrea Sampson, Merjent, Minneapolis, MN	Karl Raymond Bury, Remainderman, New York, NY	John Stevens, Federal National Mortgage Association, Dallas, TX
Andrew Karpinnen, Merjent, Minneapolis, MN	Carolyn Cox, Pittsford, NY	Tina, Safeguard Property Department, Bank of America, NA, Ft. Worth, TX
Bec Gawtry, Merjent, Minneapolis, MN	Catherine Boyd, Pittsford, NY	The Shelby L. Estep and Evelyn V. Estep Trust, Haslet, TX
Casey Warner, Merjent, Minneapolis, MN	Lafayette Cox, et al, Pittsford, NY	Rodger W. Asmus, Houston, TX
Dean Sather, Merjent, Minneapolis, MN	Paulyn Cox, Pittsford, NY	ANR Pipeline Company, Houston, TX
Diana Richards, Merjent, Minneapolis, MN	Thomas H. Casey, Pittsford, NY	Utica East Ohio Midstream LLC, Houston, TX
Graham Brook, Merjent, Minneapolis, MN	John Hudson, Jennings, OK	George L. Adams, III, Magnolia, TX
Jessica Dozier, Merjent, Minneapolis, MN	USA Secretary of HUD, Oklahoma, OK	The Lee W. Taylor Trust, Marquez, TX
John Muehlhausen, Merjent, Minneapolis, MN	Terry L. Langley, Pipeliners Union 798, Tulsa, OK	Lisa M. Wirtenberger, Richardson, TX
Kari Krause, Merjent, Minneapolis, MN	Jeannette Fluke, Buckeye Pipeline Company & Dominion East Ohio Gas Company, Breinigsville, PA	Cory Woody, Utica East Ohio Midstream c/o KE Andrews & Co., Rowlett, TX
Kyle Solberg, Merjent, Minneapolis, MN	Jeannette Fluke, NORCO Pipe Line Company, LLC, Breinigsville, PA	Rover Pipeline LLC, Rowlett, TX
Nicole Sherry, Merjent, Minneapolis, MN	Quarto Mining Co., Canonsburg, PA	Dennis A. Conrad, San Antonio, TX
Shannon Hansen, Merjent, Minneapolis, MN	Susan K. Paterini, Davidsville, PA	Ching R. Plue, Waco, TX
Pamela L. Hartley, Mountain View, MO	James McKay, Norfolk Southern Railroad, Philadelphia, PA	William Michael Foyes, Manassas, VA
Theresa A. Brandel, Mountain View, MO	Kate McGrath, MDOT (Amtrak), Philadelphia, PA	Diane Lynn Williams Easley, North Garden, VA
Ira S. Johnston, Orrick, MO	Jim Bischoff, Carmeuse Lime Inc., Pittsburgh, PA	Fred Marx, East Ohio Gas Co., Richmond, VA
Dennis Swartlander, Chapel Hill, NC	Julie Grant, Pittsburgh, PA	Pennsylvania Lines LLC, Roanoke, VA
Hannah P. W. Andrews, Chapel Hill, NC	Loretta Marie Young, Pittsburgh, PA	Gregory A & Alene M Peters, Trustees, Sterling, VA
Everett Leroy Grim, Coats, NC	Pittsburgh Plate Glass Company, Pittsburgh, PA	Kenneth & Jennifer Millerschone, Suffolk, VA
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Marie R. Quinn, REMAINDERMAN, Mooresville, NC	William E. Riffle, Spring Grove, PA	Jason Bonomo, Bronze Stone Cemetery Association of Ohio, Inc., an Ohio non-profit corporation, Nashotah, WI
Mary Lou Hanson, Robert P. Weideman Trust No. 1, Indianola, NE	Colleen Unroe, State College, PA	The Isley Family Trust, Somerset, WI
Mellinger Farm Ohio State Univ, Omaha, NE	Cynthia Kay Burnham, Beech Island, SC	Belden & Blake Corporation, Charleston, WV
Andrew Kehn, Manchester, NH	Jeffrey R. Heuerman, Greer, SC	Enervest Operating L, Charleston, WV
Melissa G. Ronches, Parsippany, NJ	Matthew J. & Jennifer G. Weidner, Hilton Head Island, SC	Alese R. Robertson, Fort Gay, WV
Velma L. Ronches, Parsippany, NJ	Thomas E. & Ann H. Roberts, Myrtle Beach, SC	Gary Ray & Beverly Ann Amie, Wheeling, WV
Judith Langano, NRG Energy, Inc., Princeton, NJ	Danny Porter, Sturgis, SD	Mary Alexiou, Kogarah, NSW, Australia
Randall Martin Bury, Remainderman, Las Vegas, NV	Richard A. Littleton, Alcoa, TN	Brenda Breton, Welland, Ontario
Dean Edward Schultz, Land Contract Vendee, Reno, NV	Robert Carl Archer, Nashville, TN	
S & R Recycling, Inc., Brewster, NY	Taylor Farris, Omega Rail Management, Nashville, TN	
Hilda Ruth Knoblauch, Ithaca, NY	Wendel Edward Archer, Nashville, TN	
Joseph Byrne, New York, NY	NewPar, c/o Duff & Phelps, Addison, TX	

APPENDIX B

NGT AND TEAL PROJECT ROUTE MAPS

B-1: NGT PROJECT ROUTE MAPS

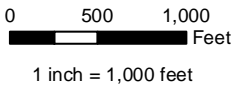
B-2: TEAL PROJECT ROUTE MAPS

APPENDIX B-1

NGT PROJECT ROUTE MAPS

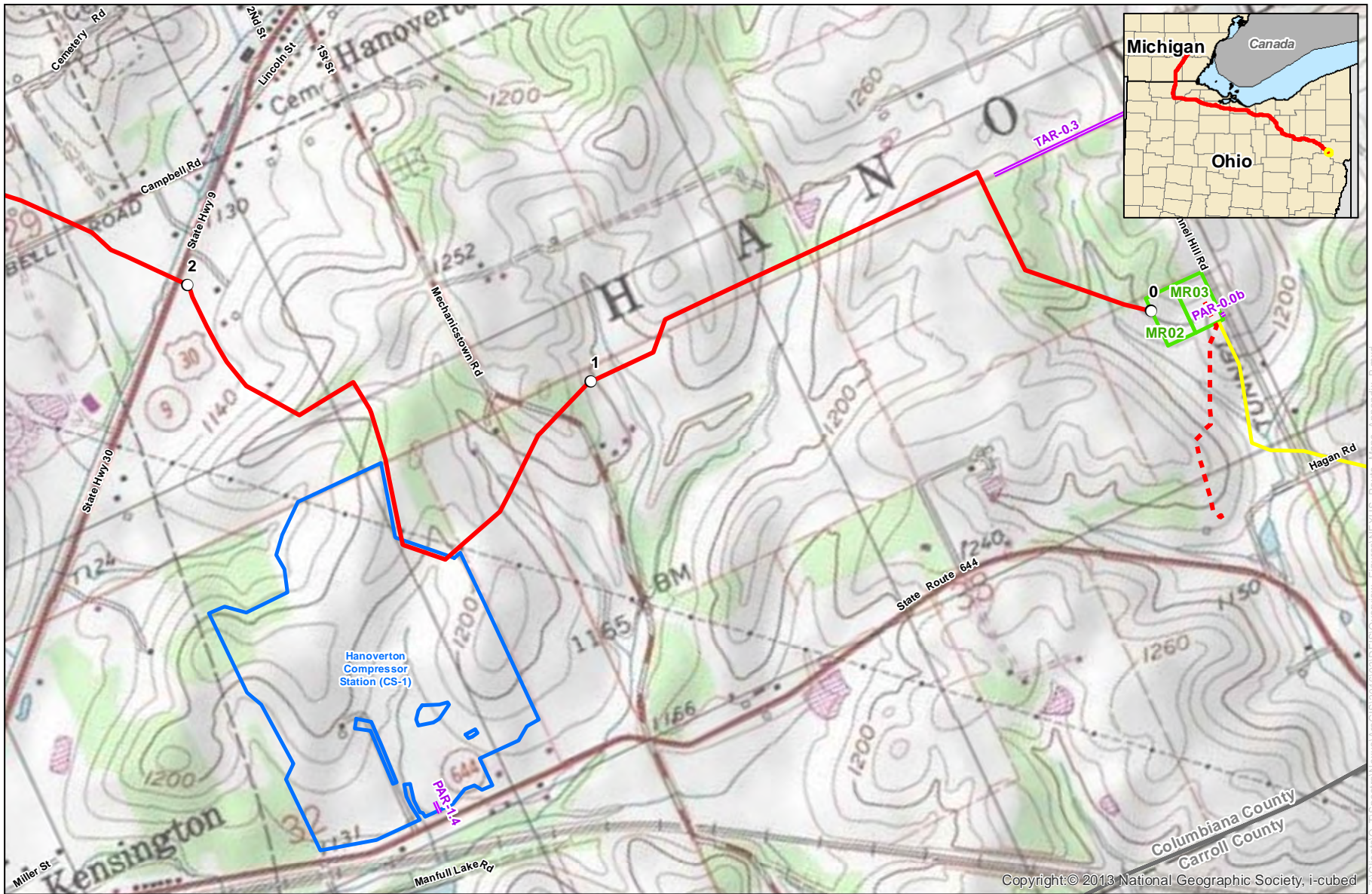


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Appendix B-1 NGT Project Route Map

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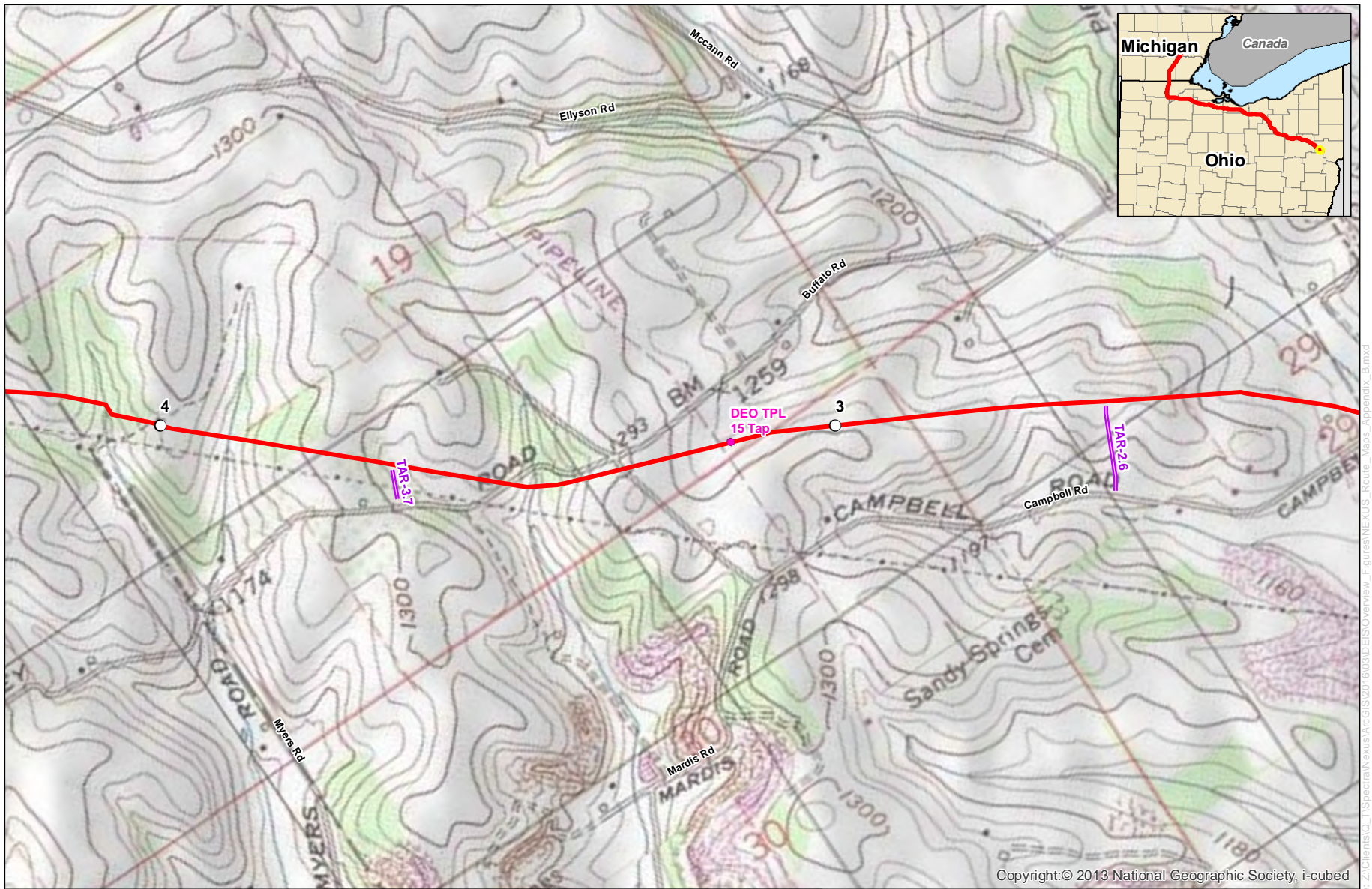


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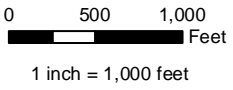


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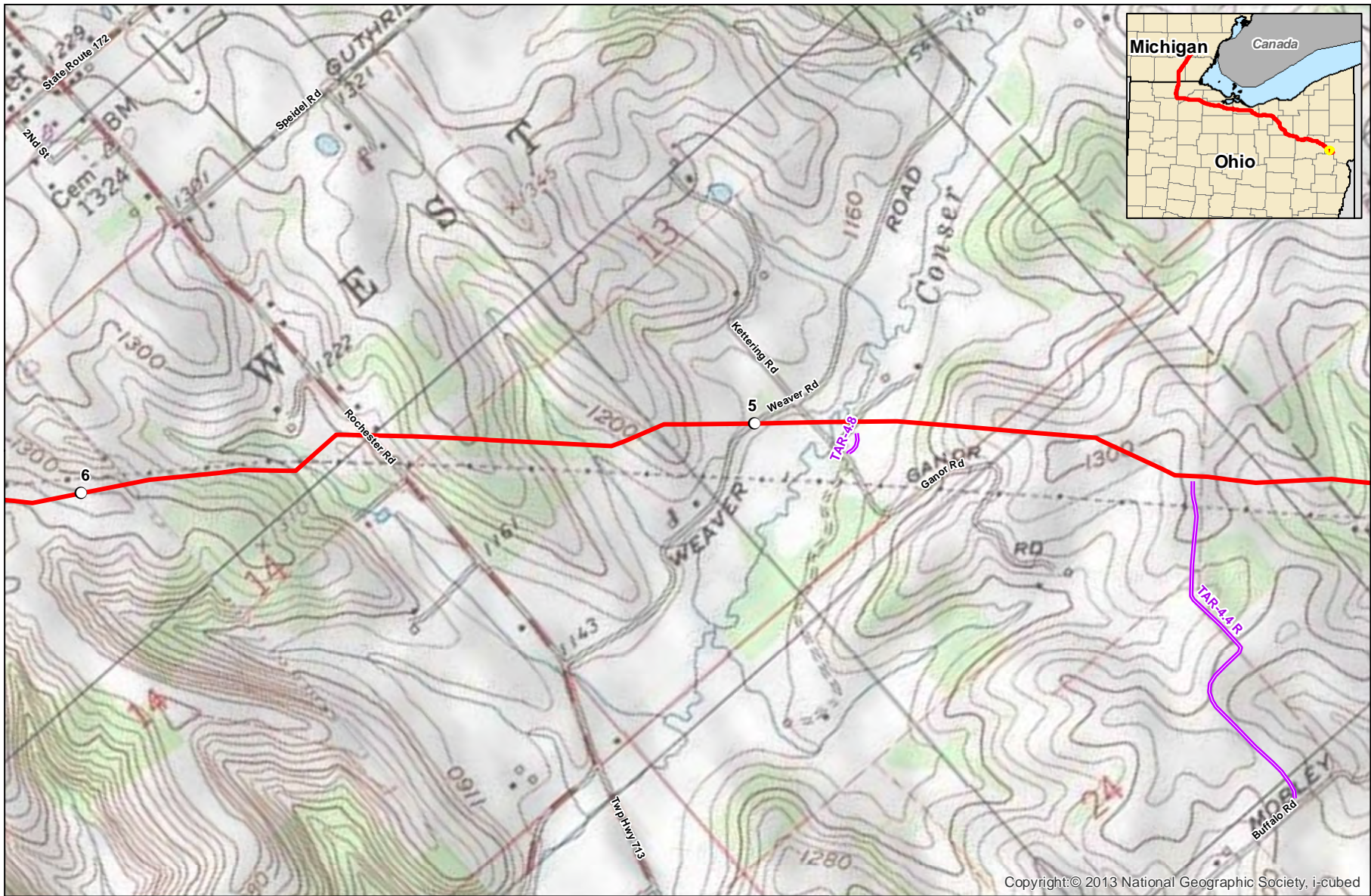
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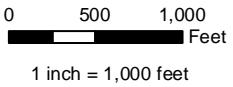


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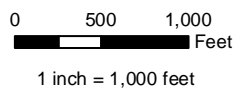


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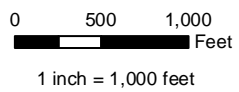
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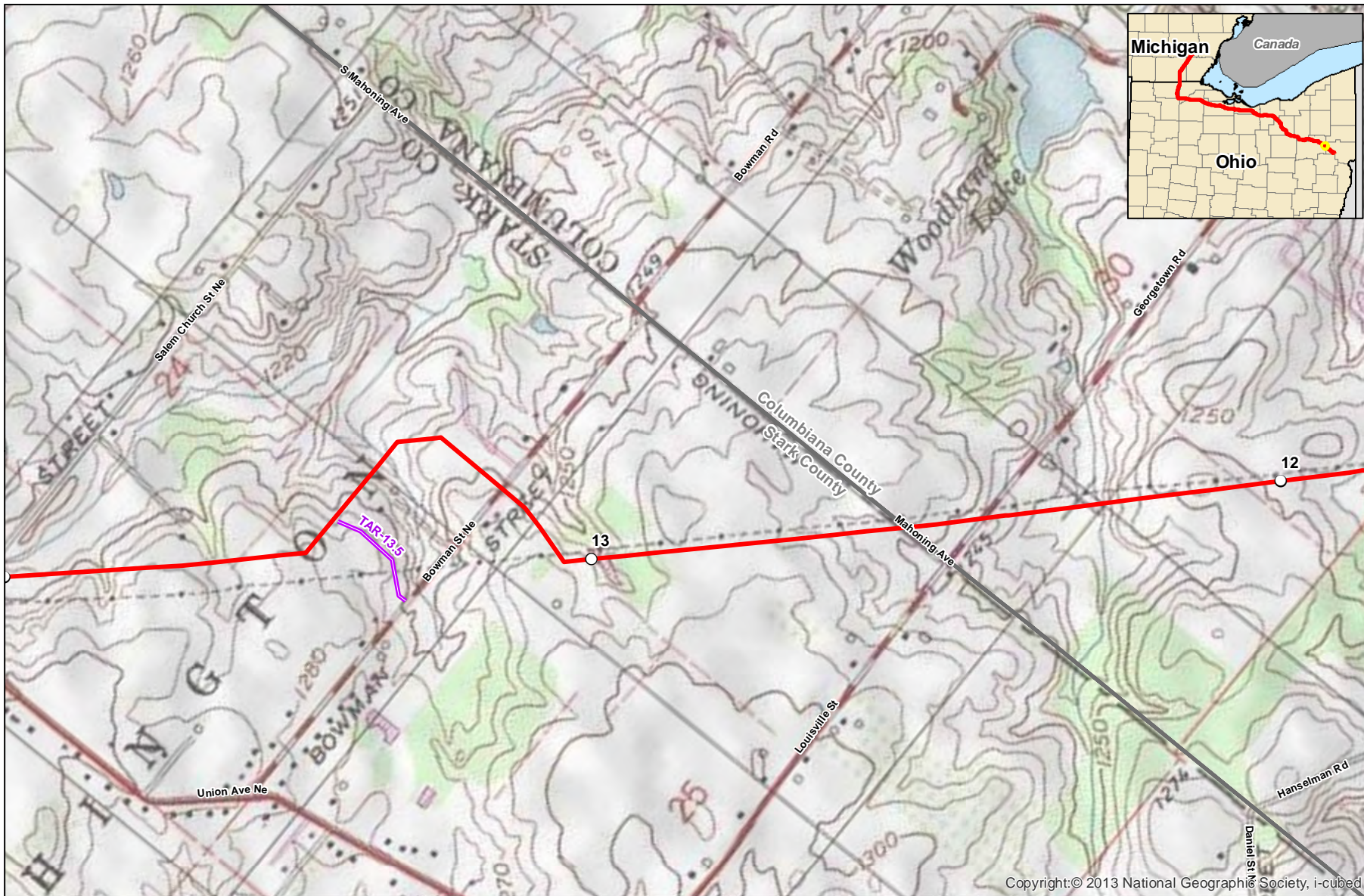
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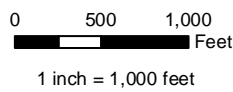


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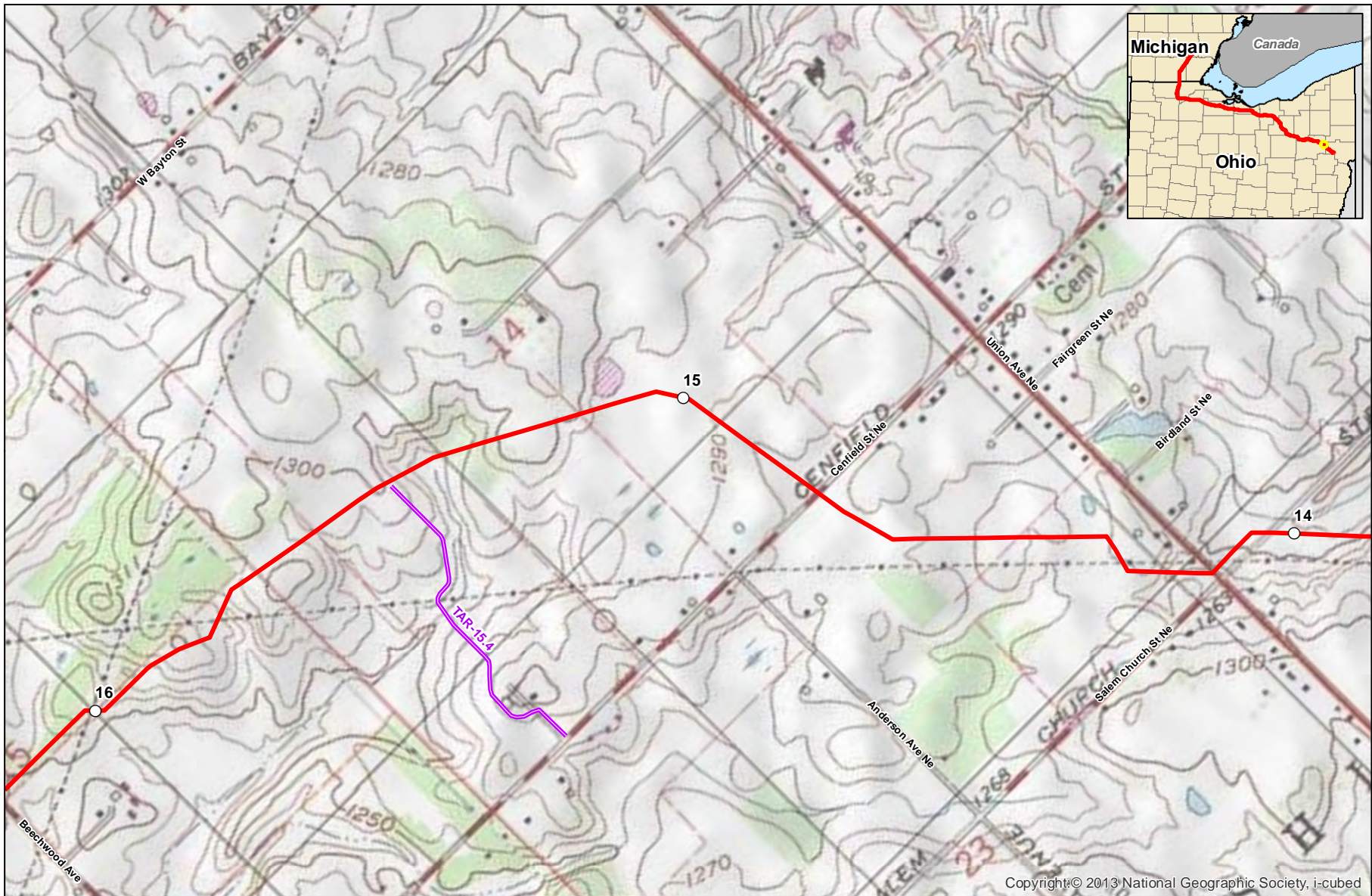


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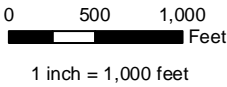


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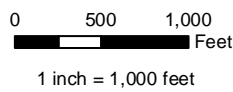


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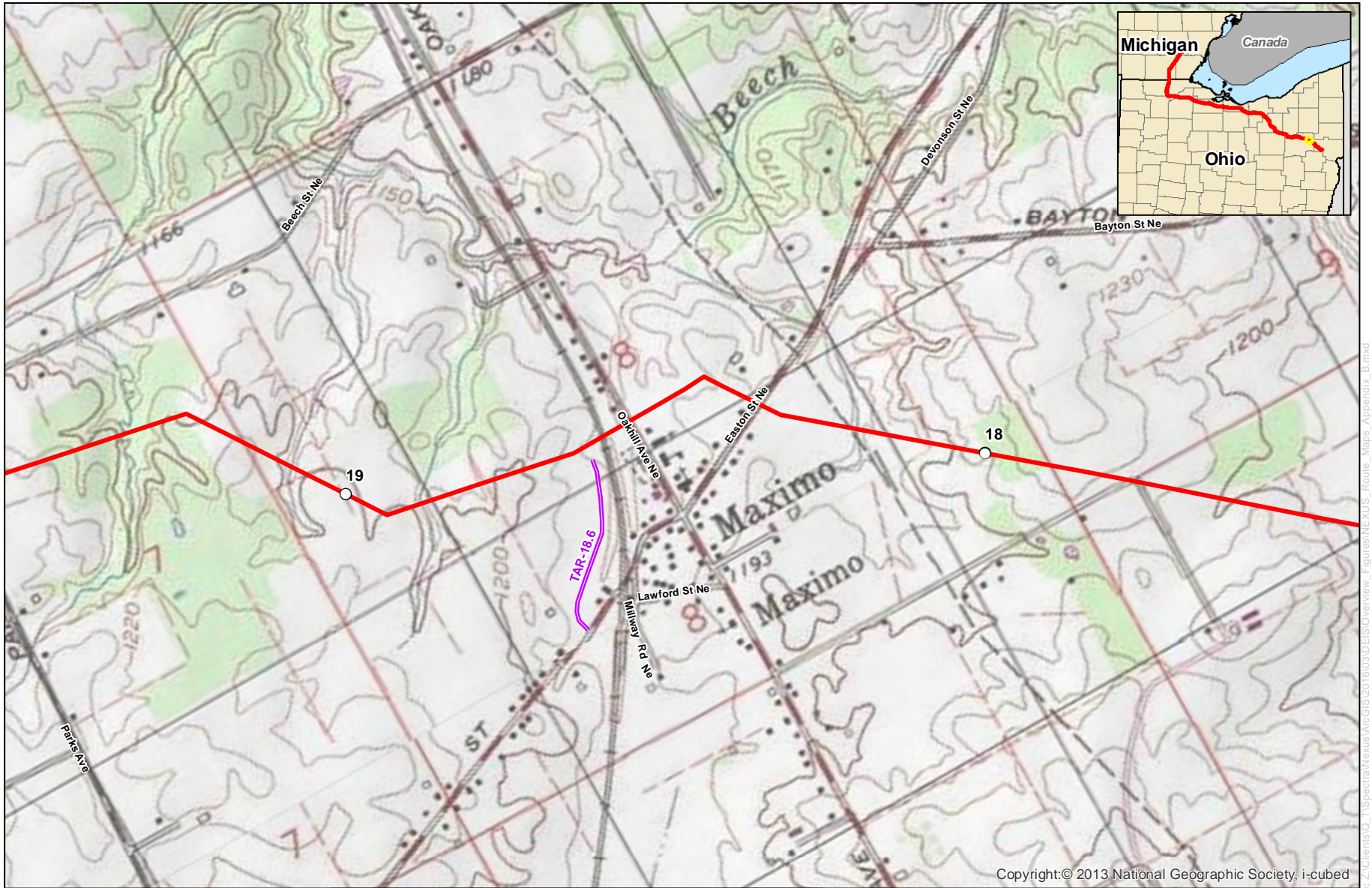


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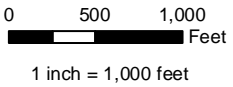


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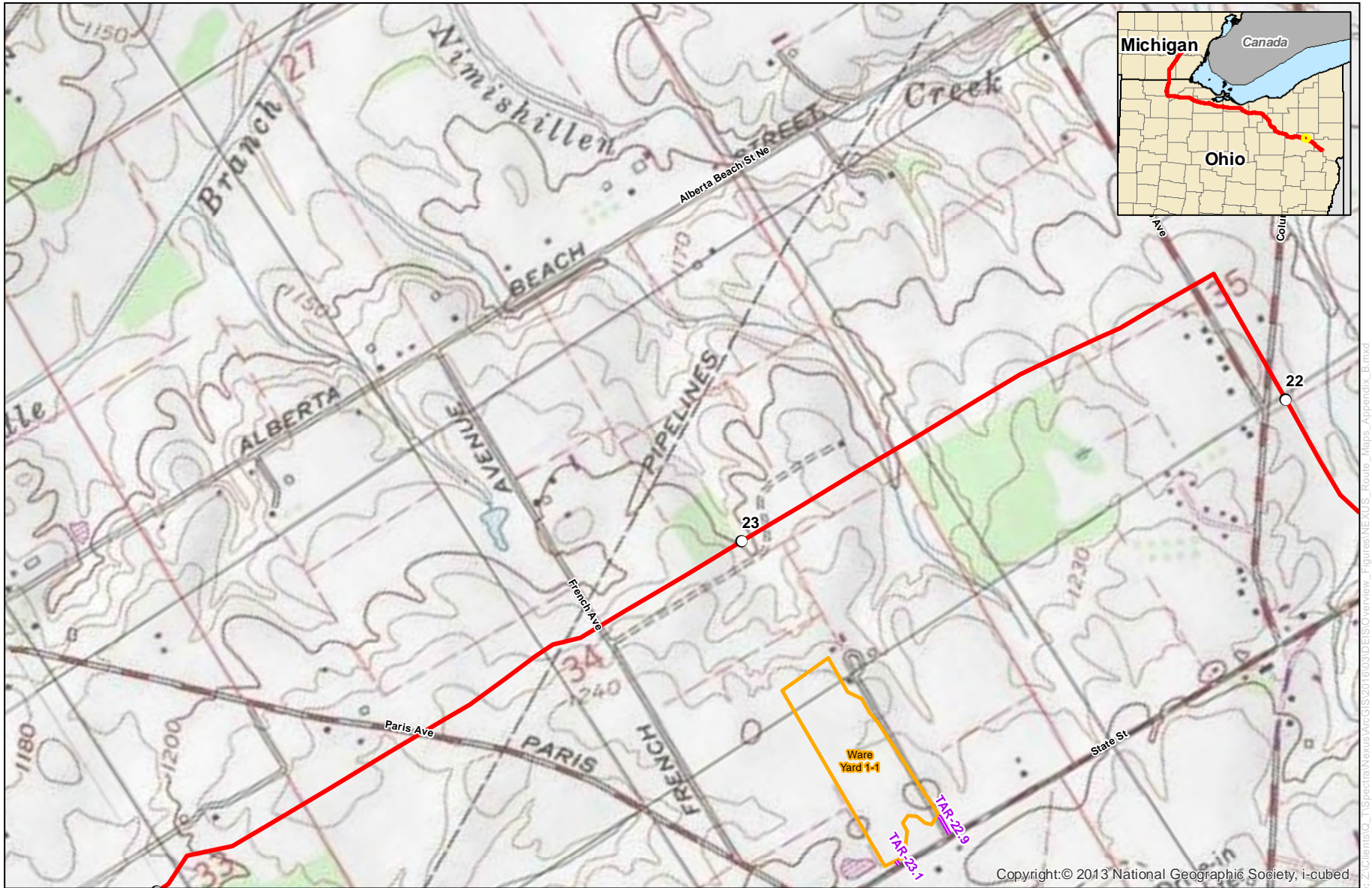


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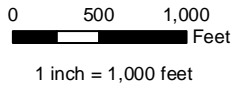


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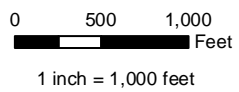


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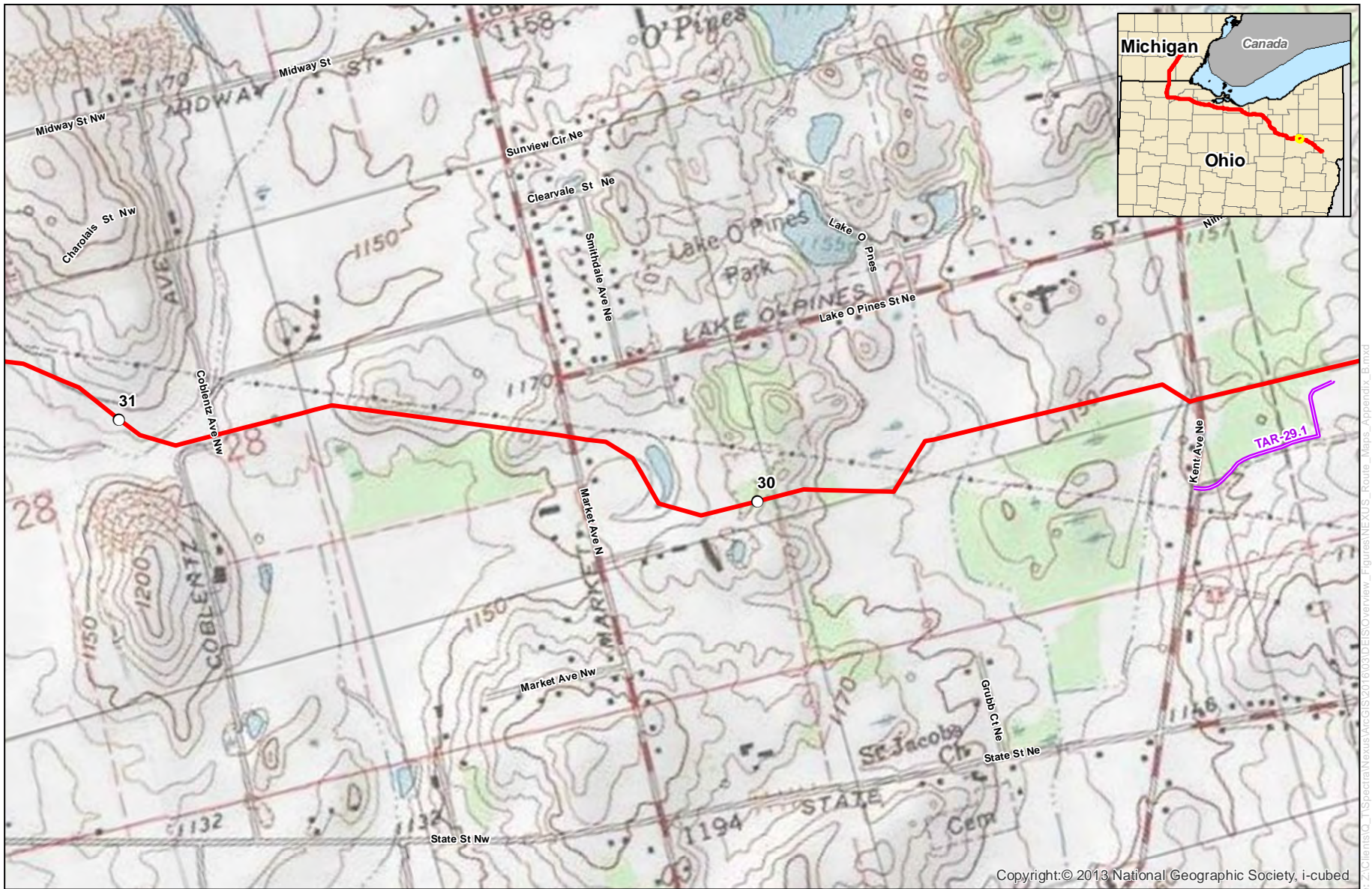
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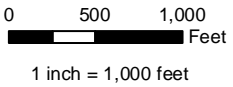


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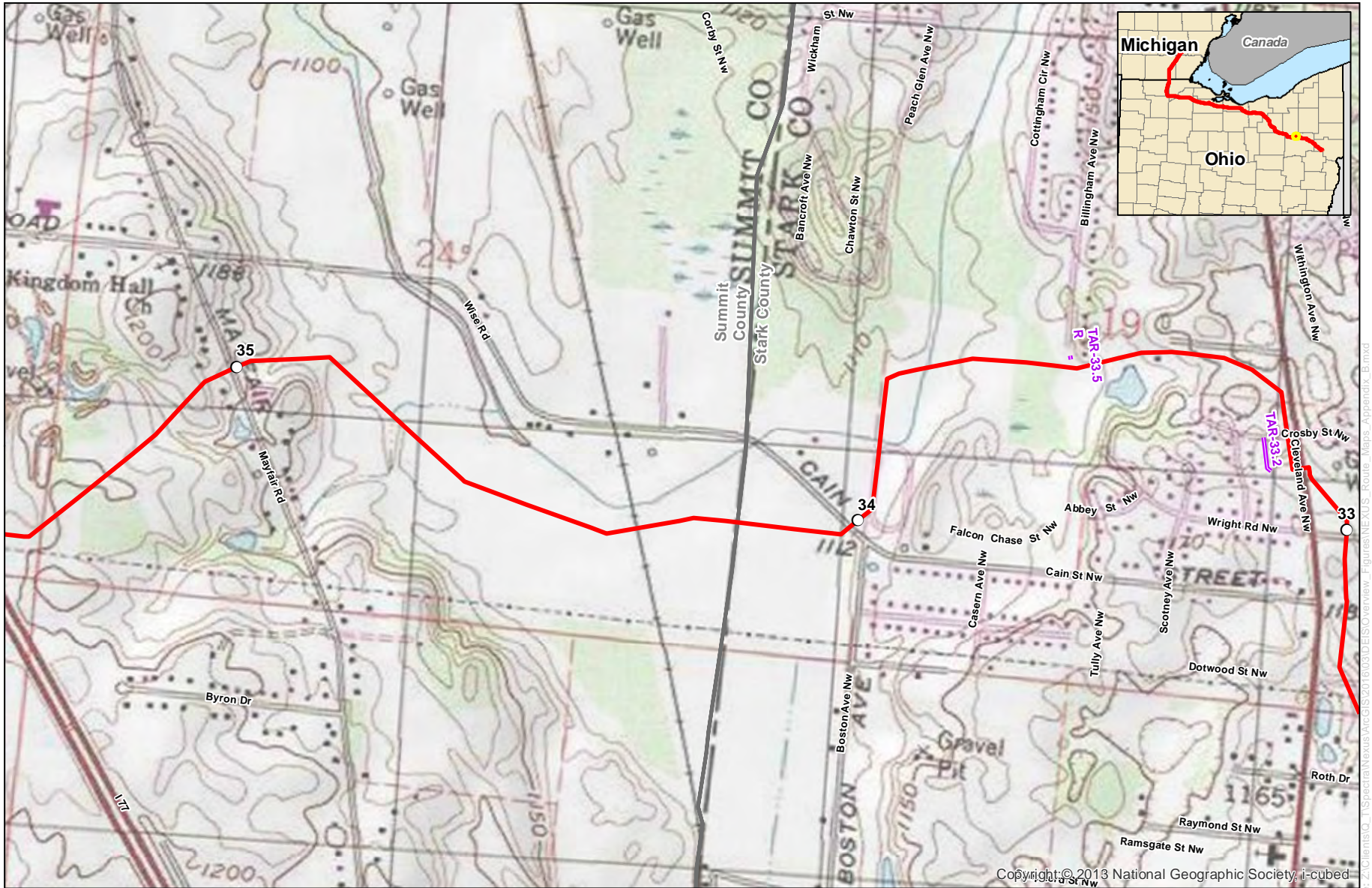


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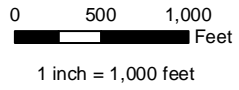


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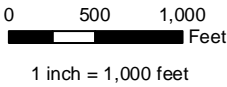


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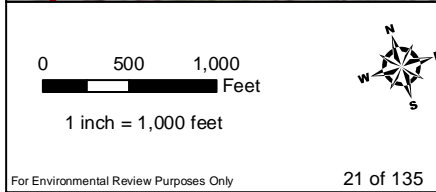


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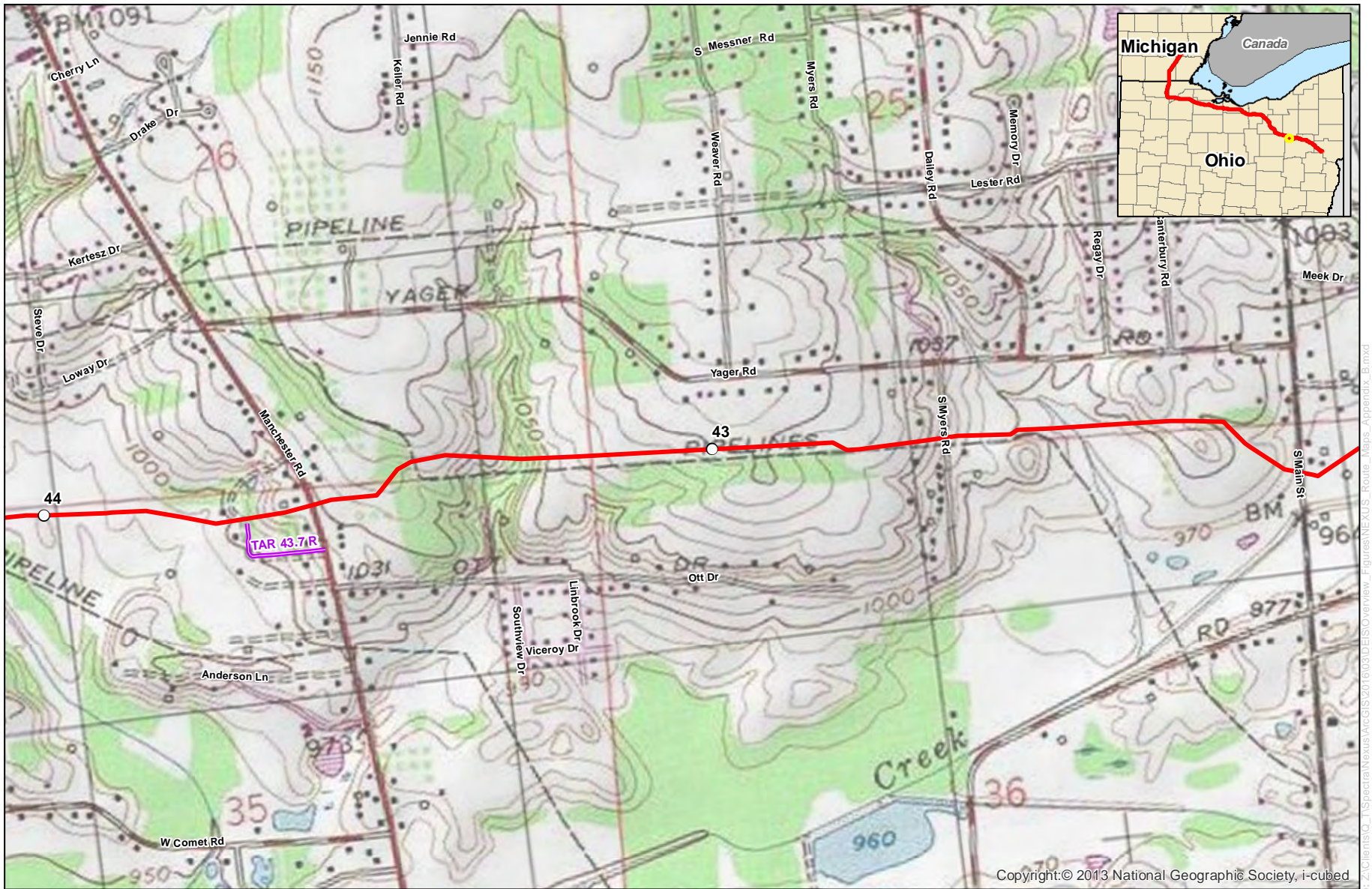


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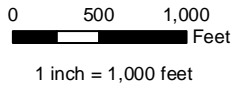


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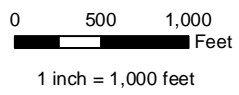


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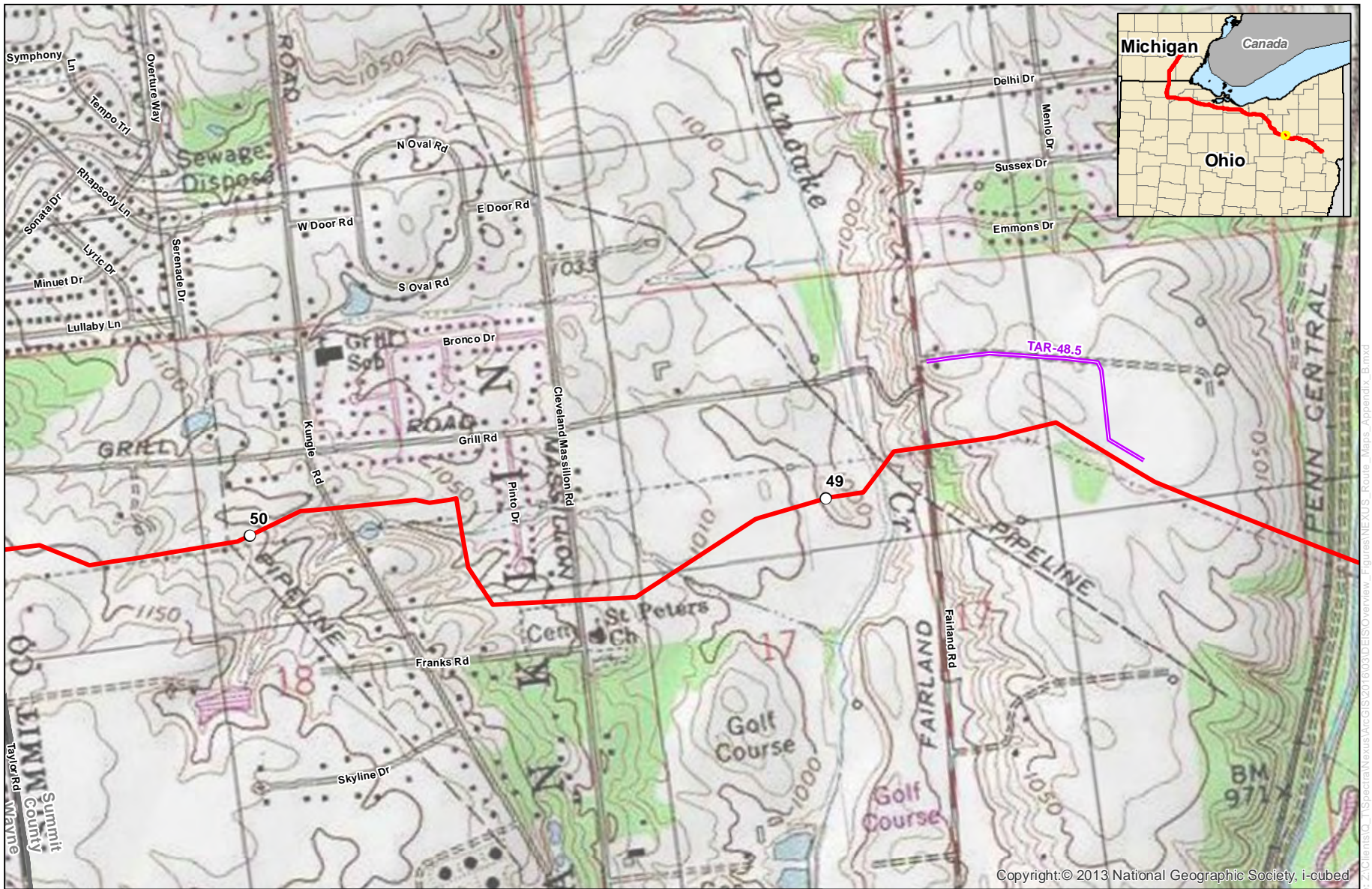


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0 500 1,000 Feet
1 inch = 1,000 feet

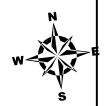
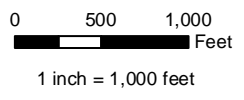
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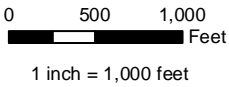


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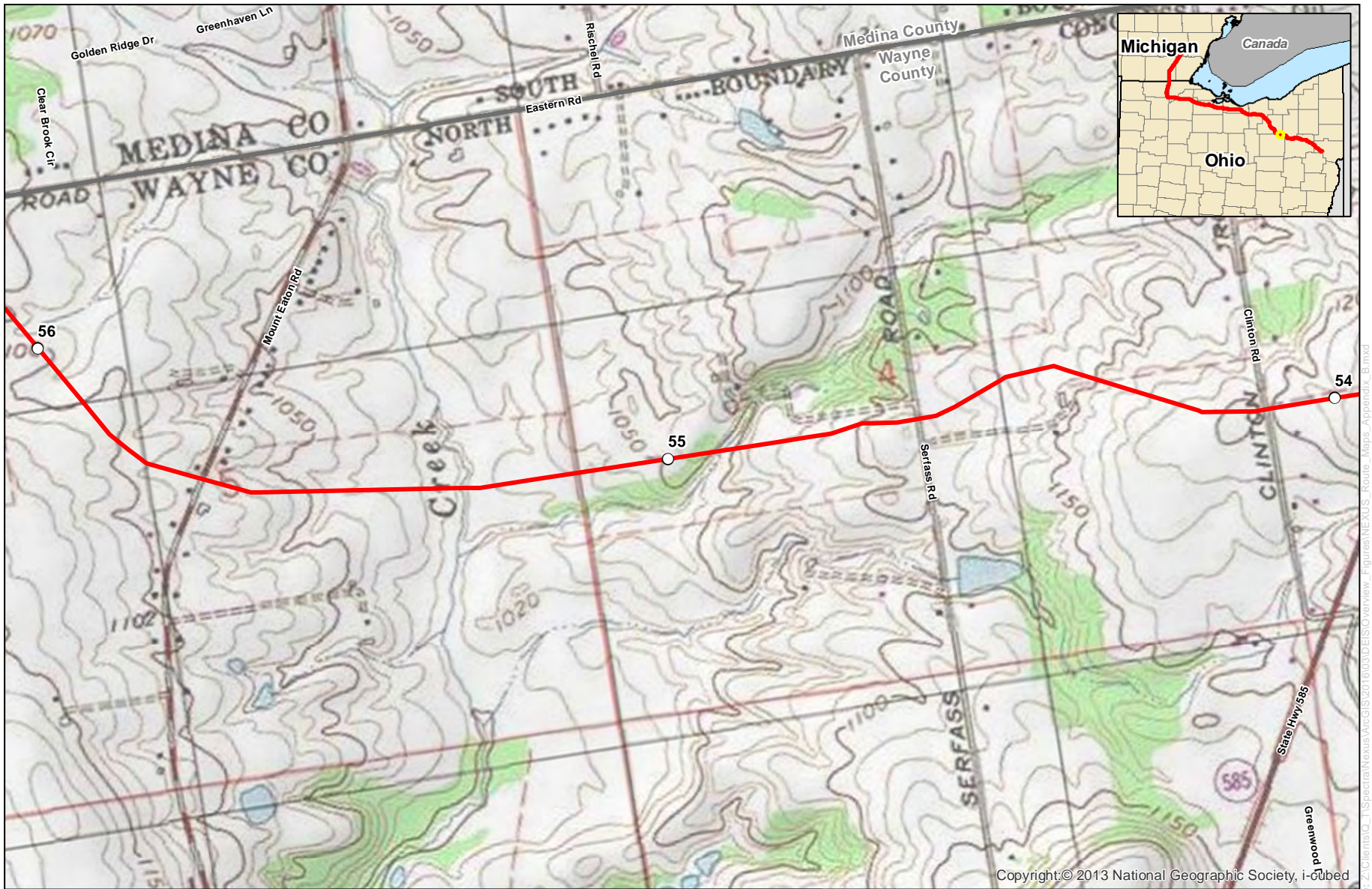


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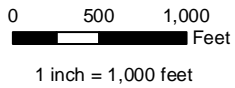


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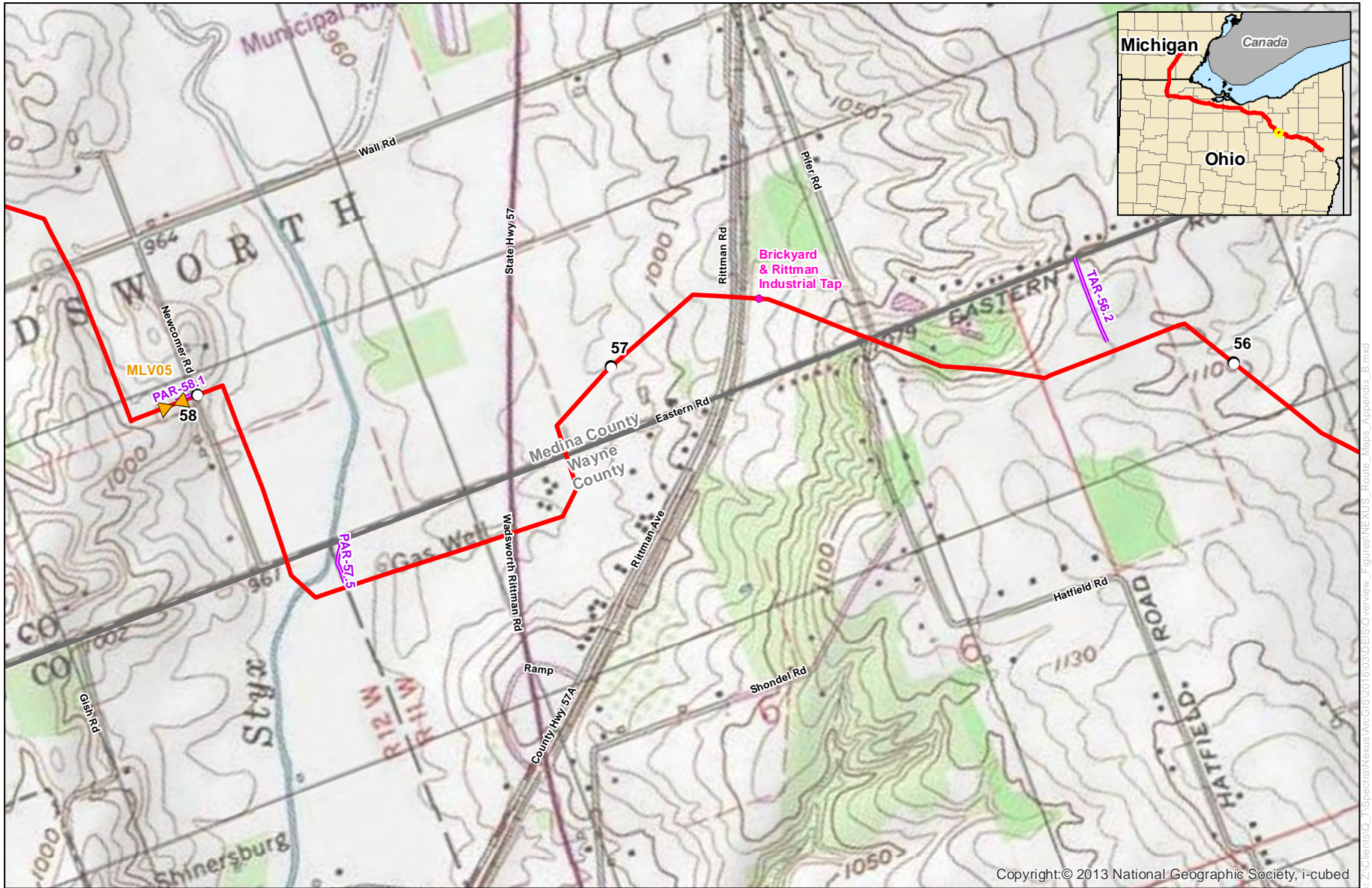


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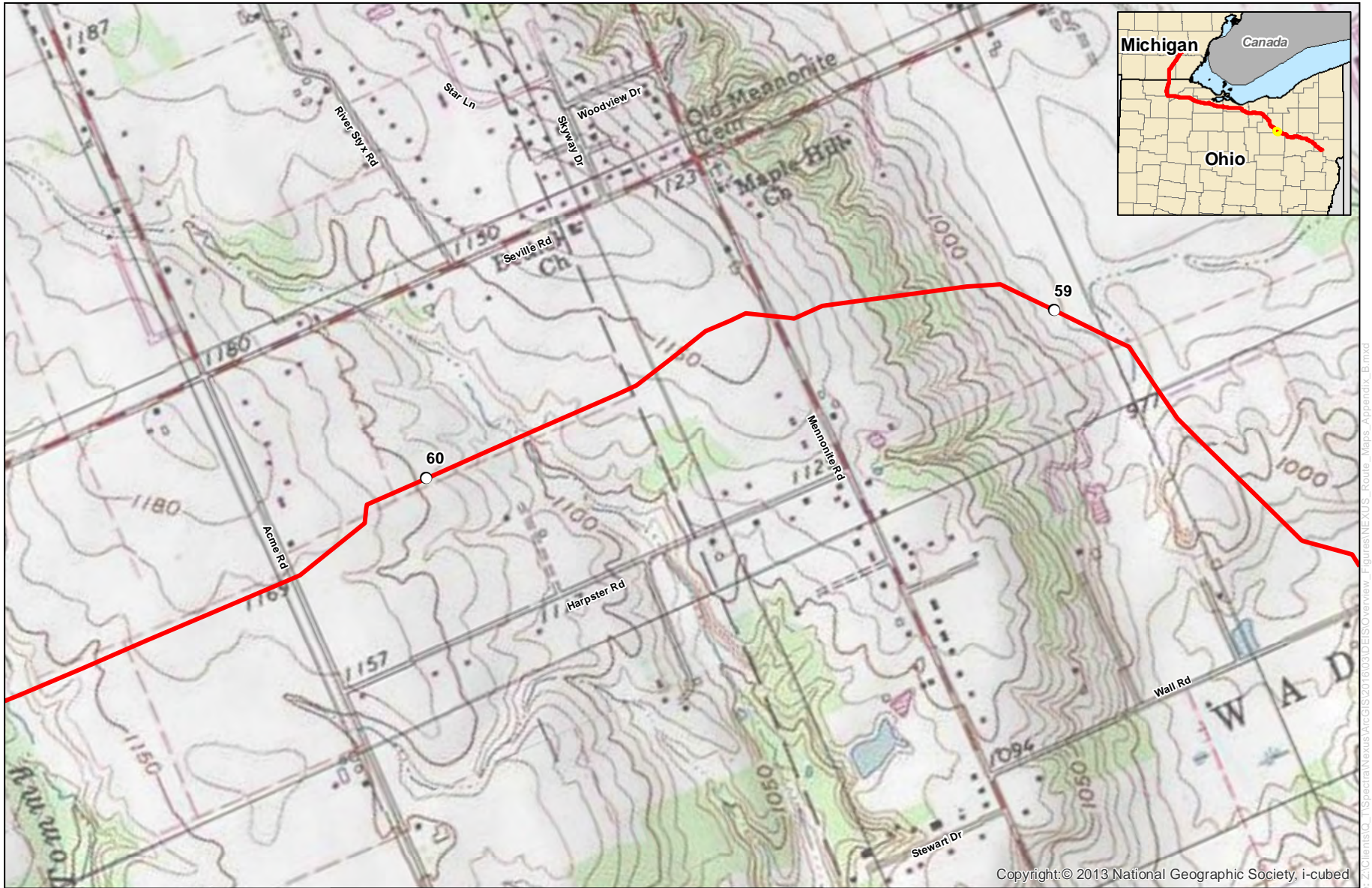


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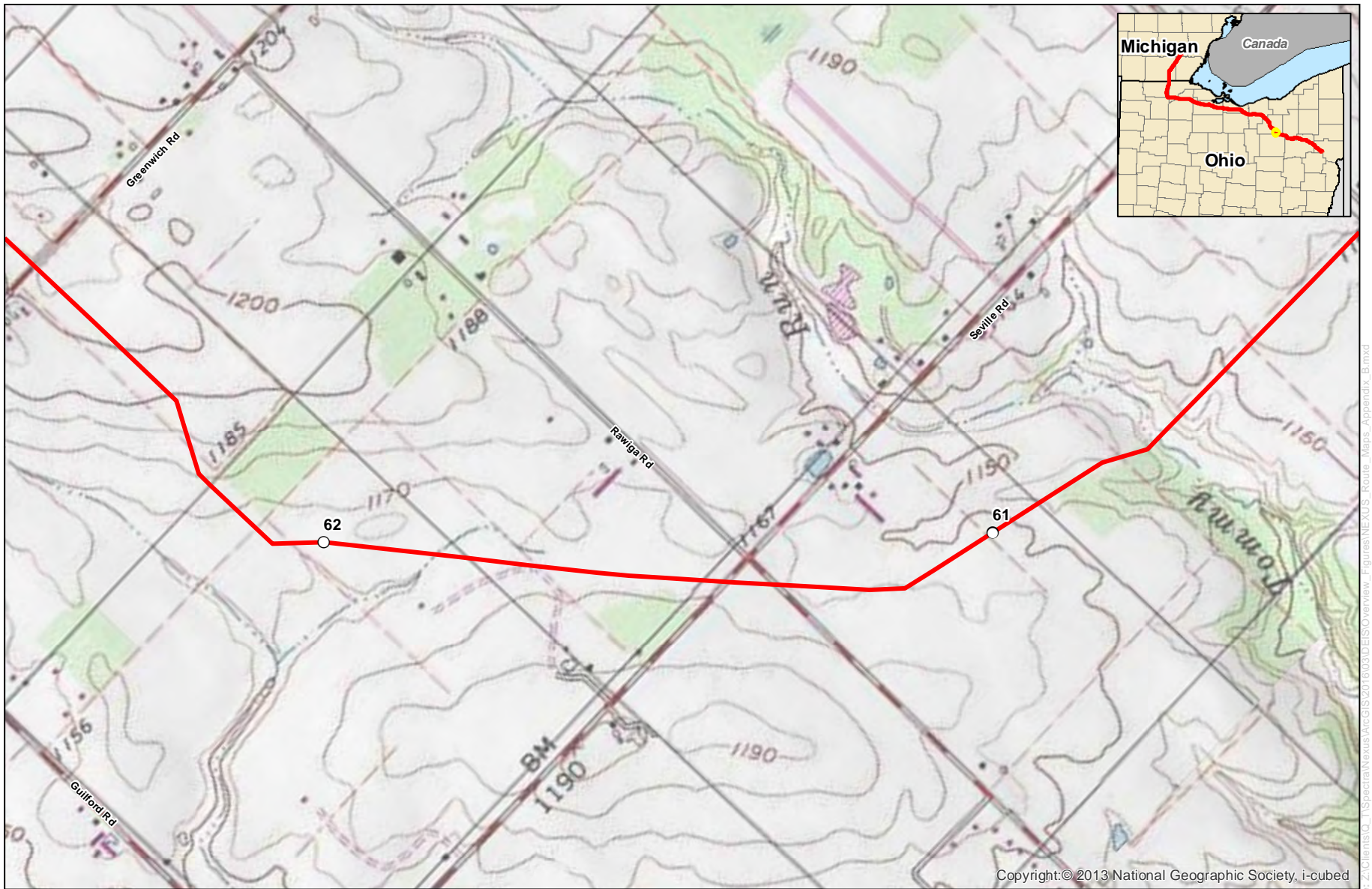


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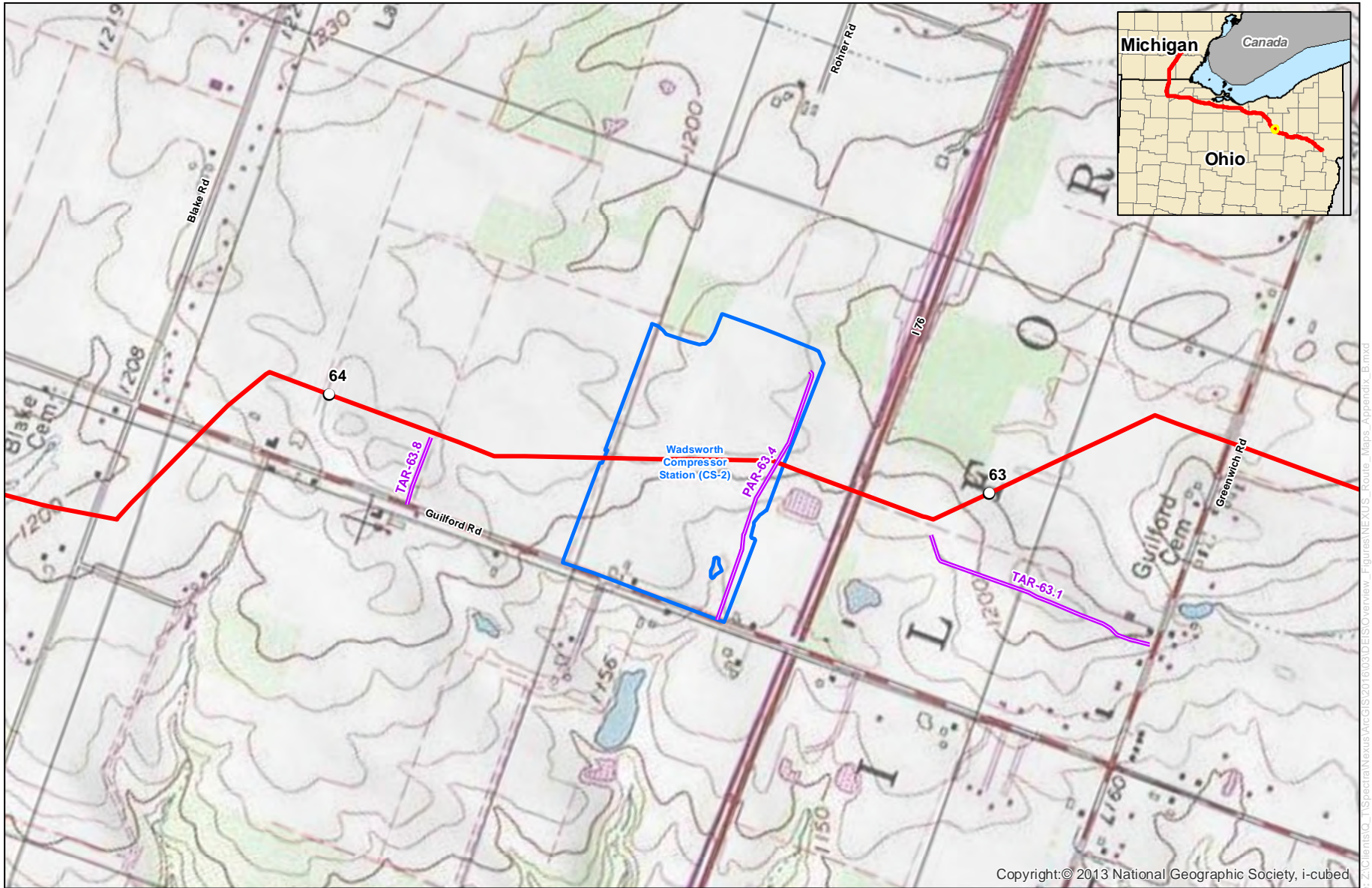


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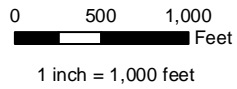


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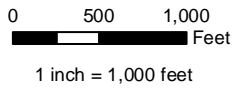
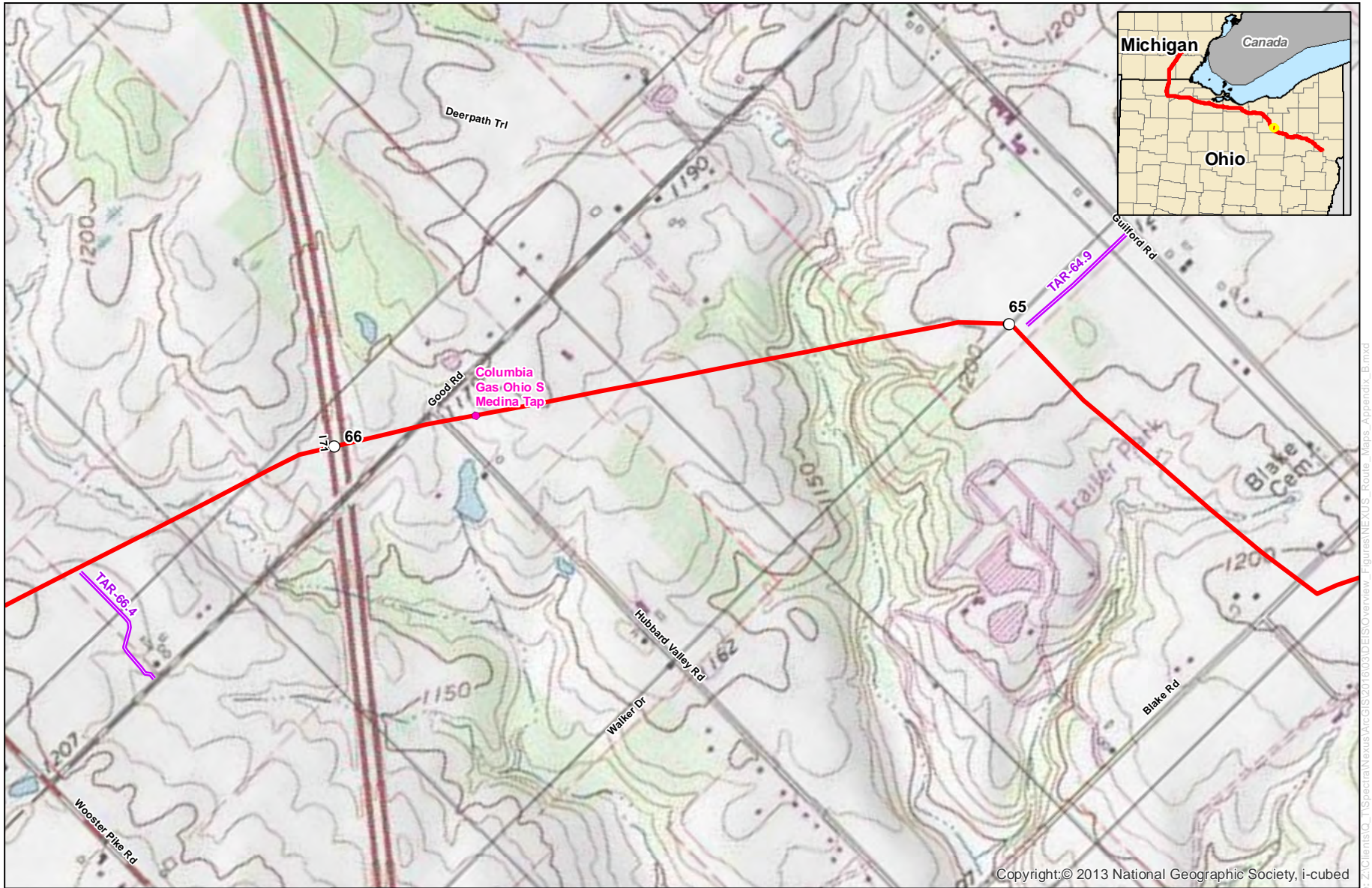


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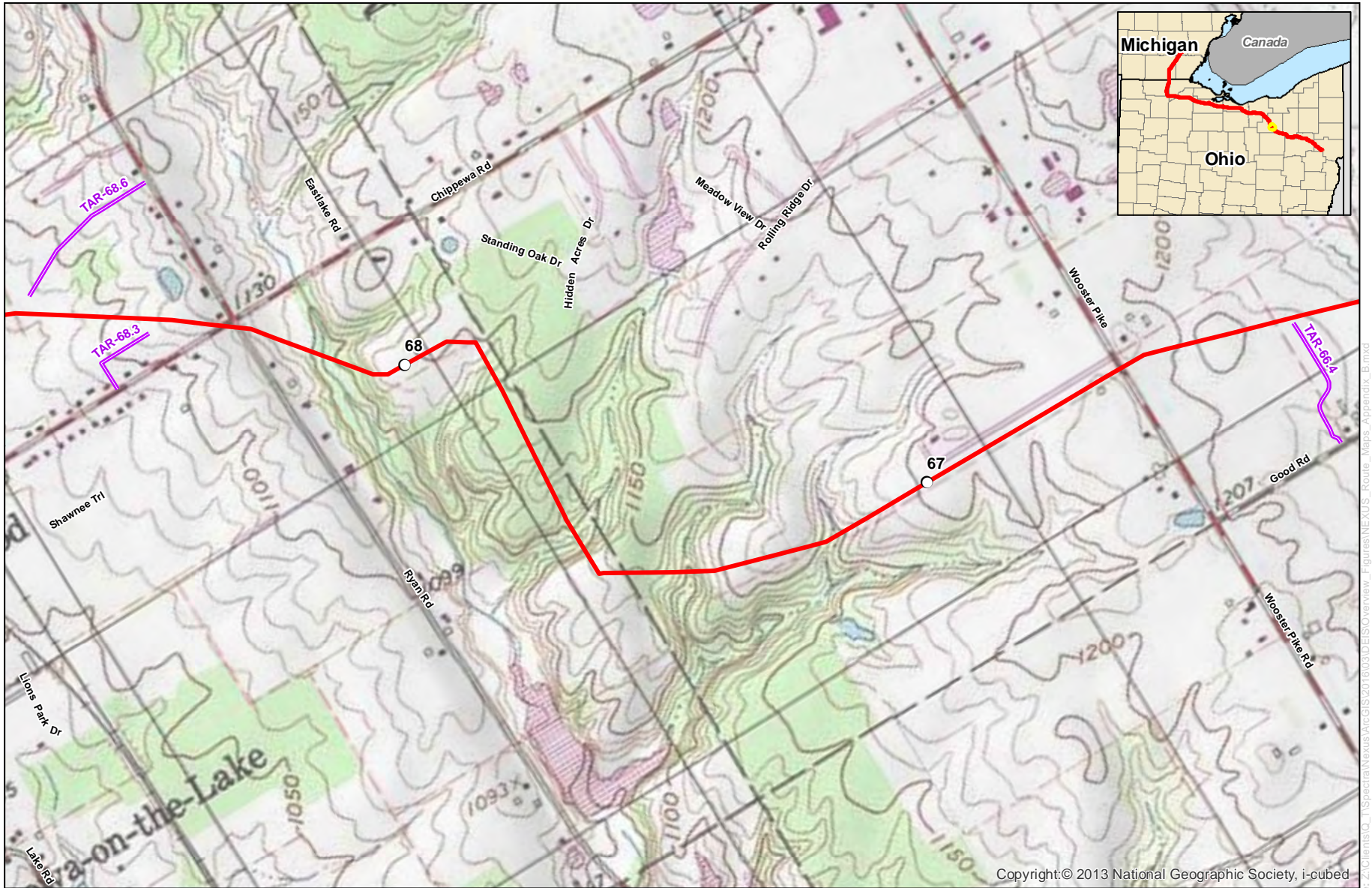
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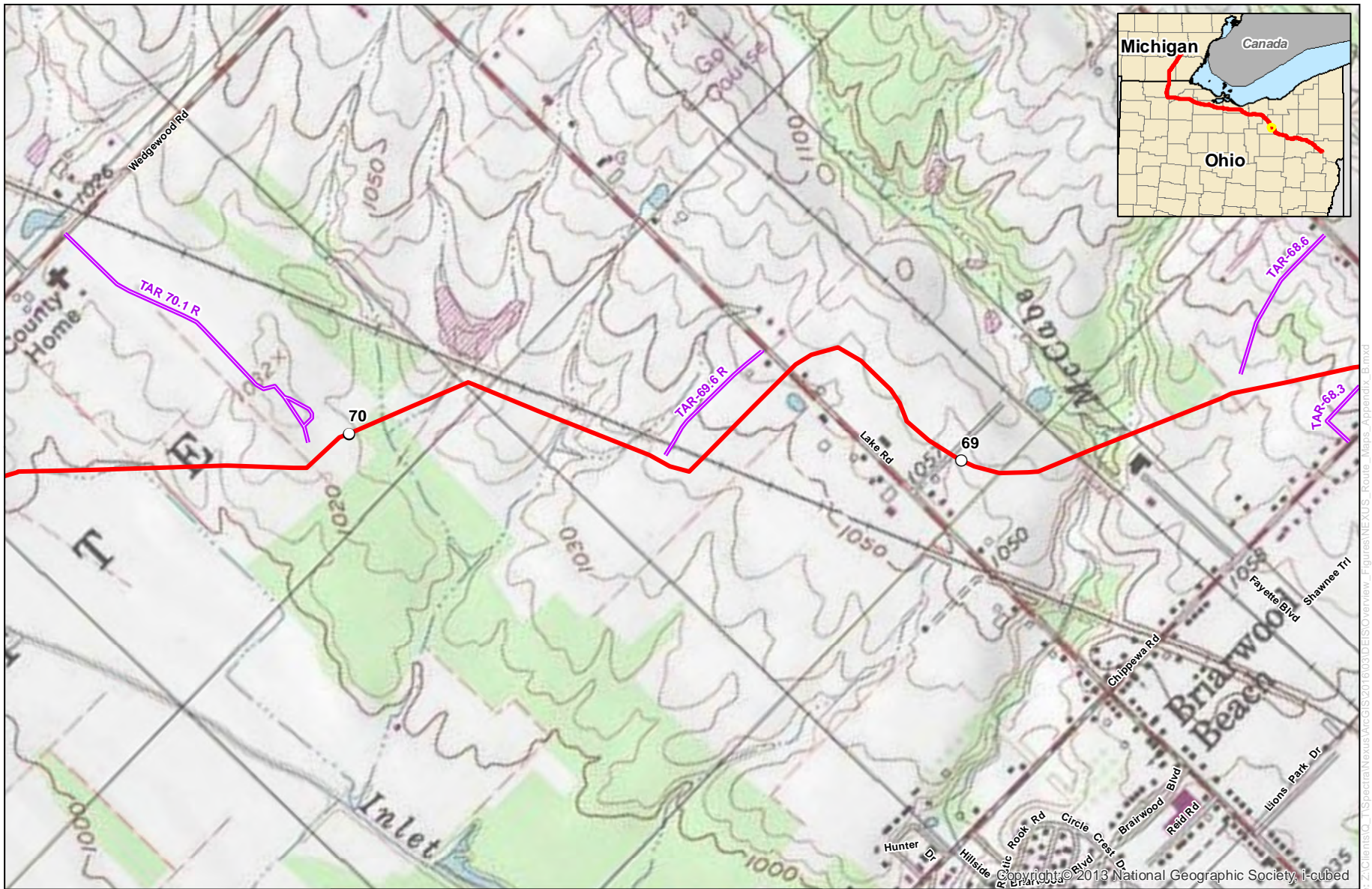


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-  Milepost
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-  Proposed Main Line Valve
-  Proposed NEXUS Mainline Pipeline
-  Proposed TEAL Connecting Pipeline
-  Proposed TGP Interconnect
-  Proposed Access Road
-  Proposed Compressor Station
-  Proposed Ware Yard
-  M&R Station

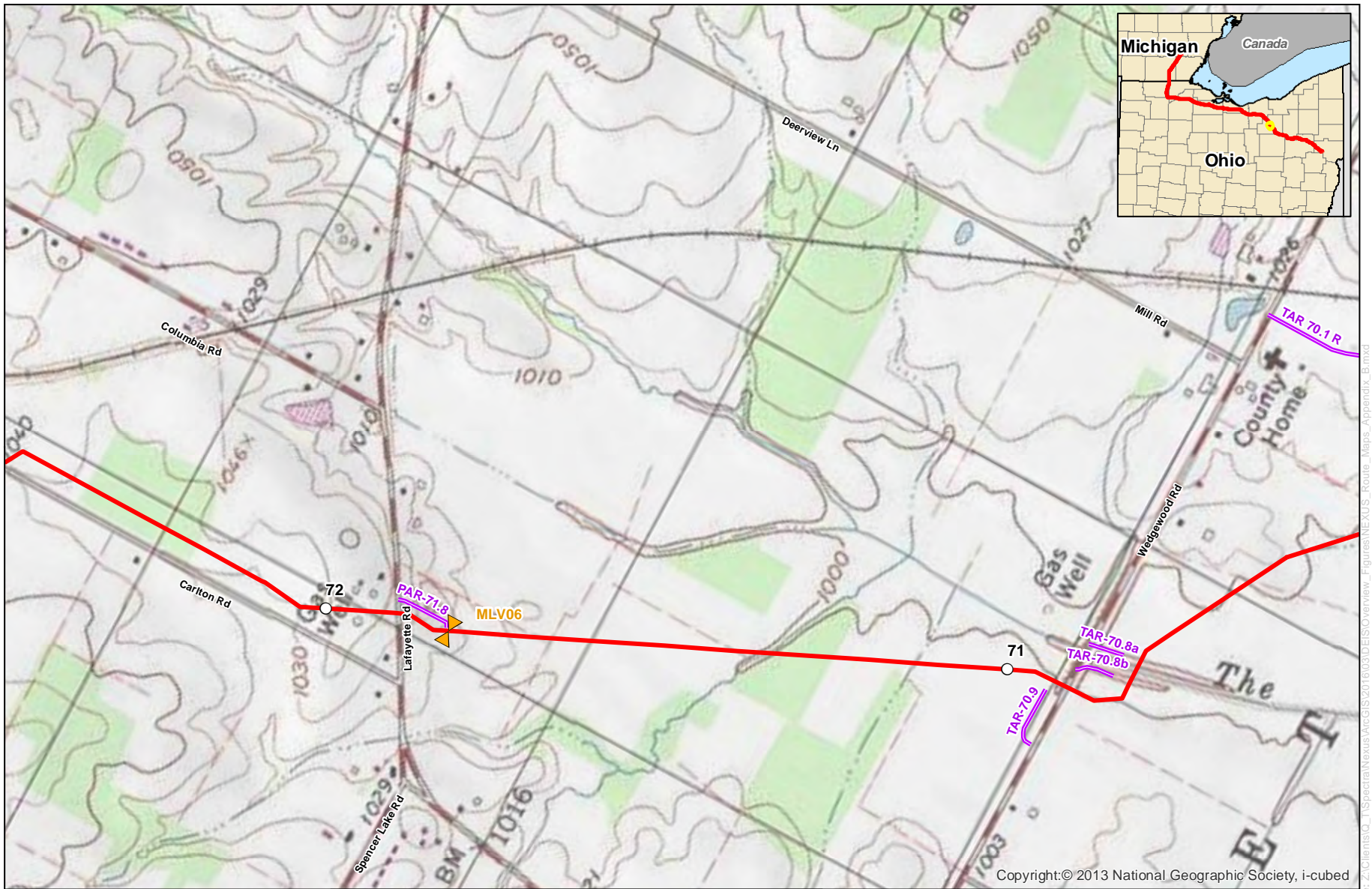


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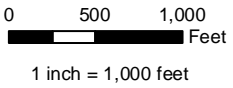
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Appendix B-1 NGT Project Route Map

- Milepost
- Tee-Tap Location
- ✂ Proposed Main Line Valve
- Proposed NEXUS Mainline Pipeline
- - - Proposed TEAL Connecting Pipeline
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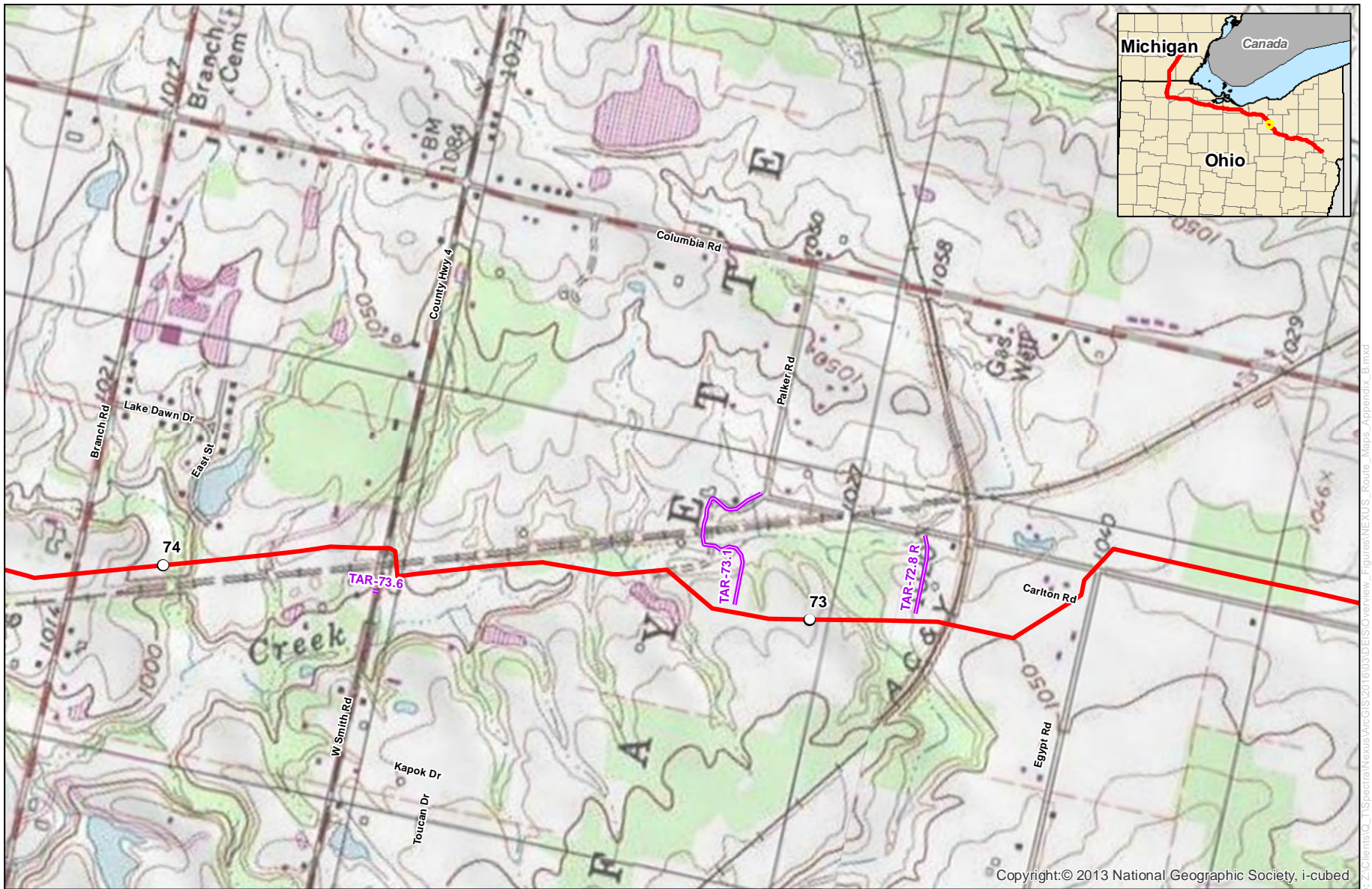


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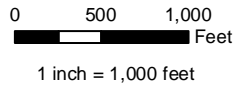


Appendix B-1 NGT Project Route Map

- Milepost
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Appendix B-1 NGT Project Route Map

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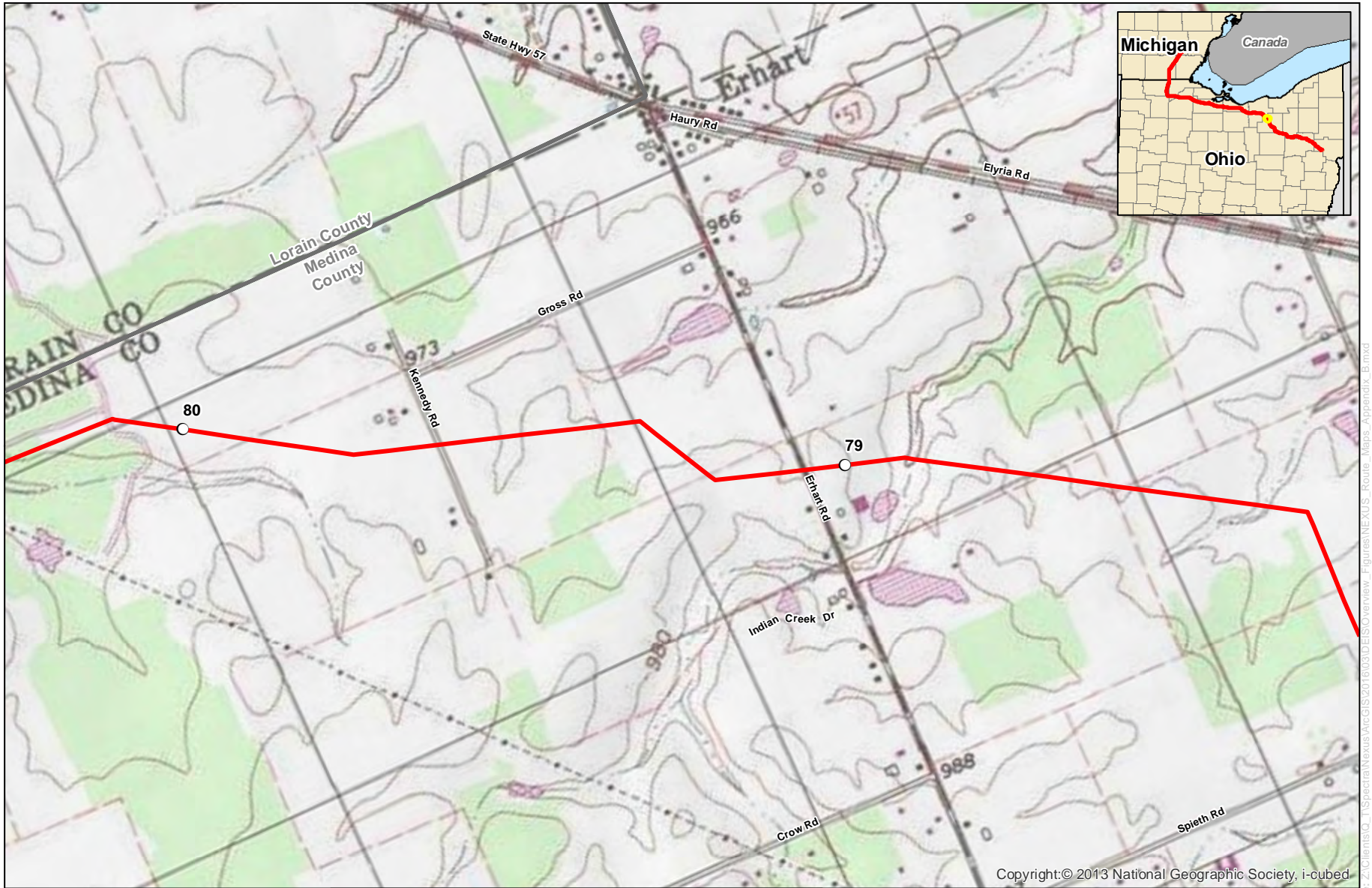


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Appendix B-1 NGT Project Route Map

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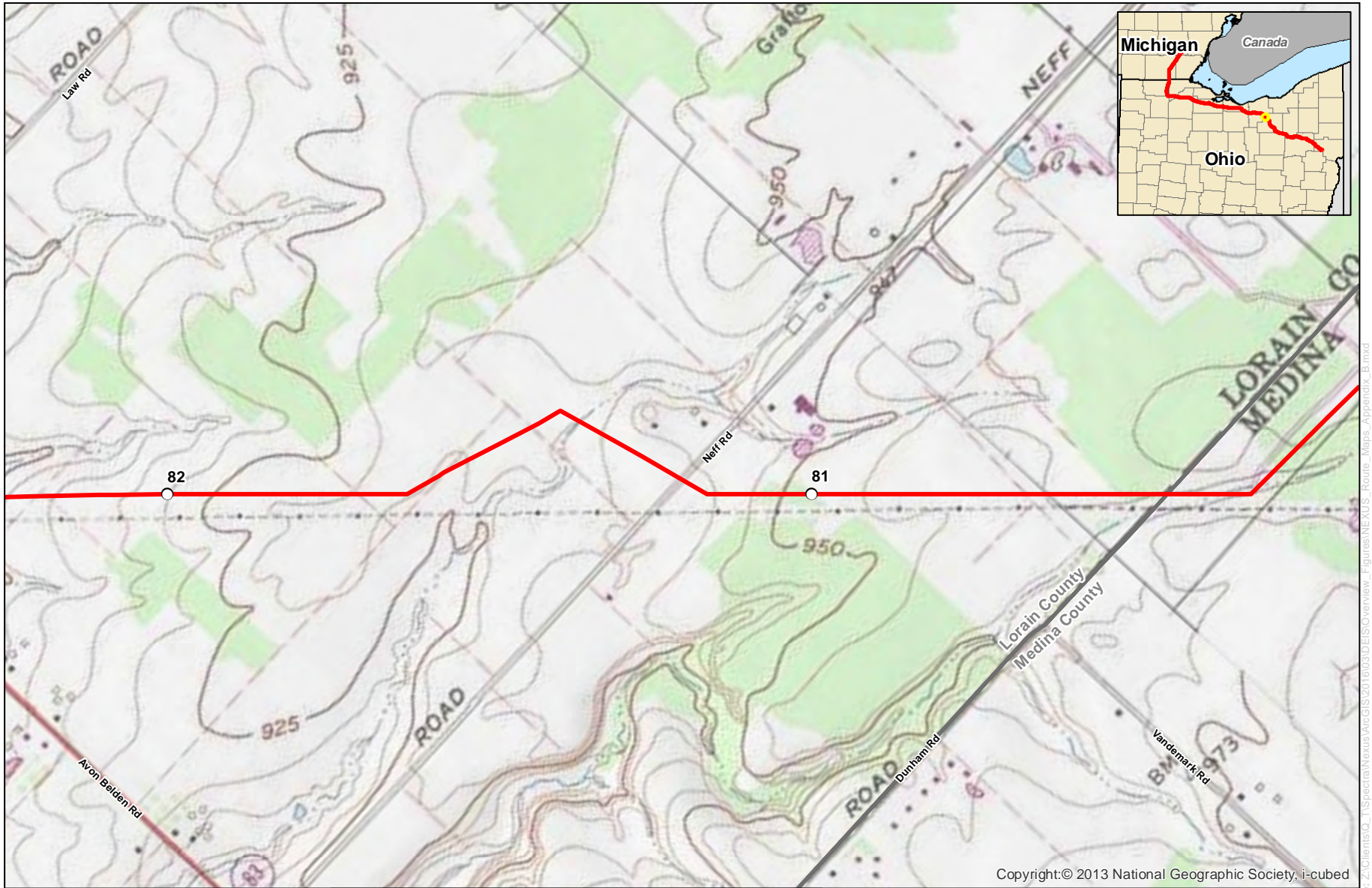


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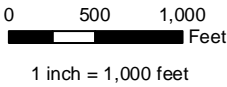


Appendix B-1 NGT Project Route Map

- Milepost
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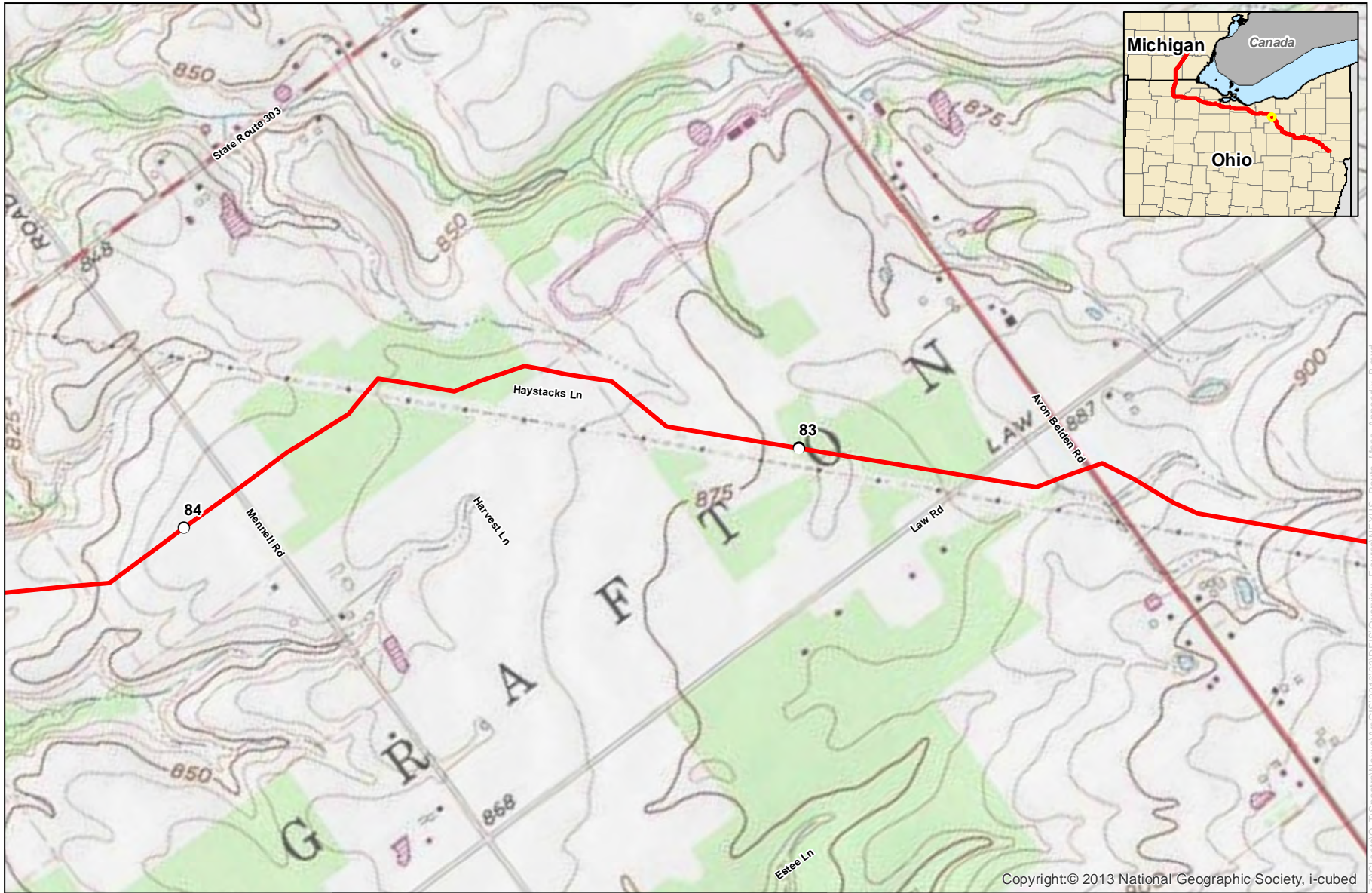


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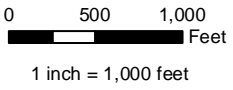


Appendix B-1 NGT Project Route Map

- Milepost
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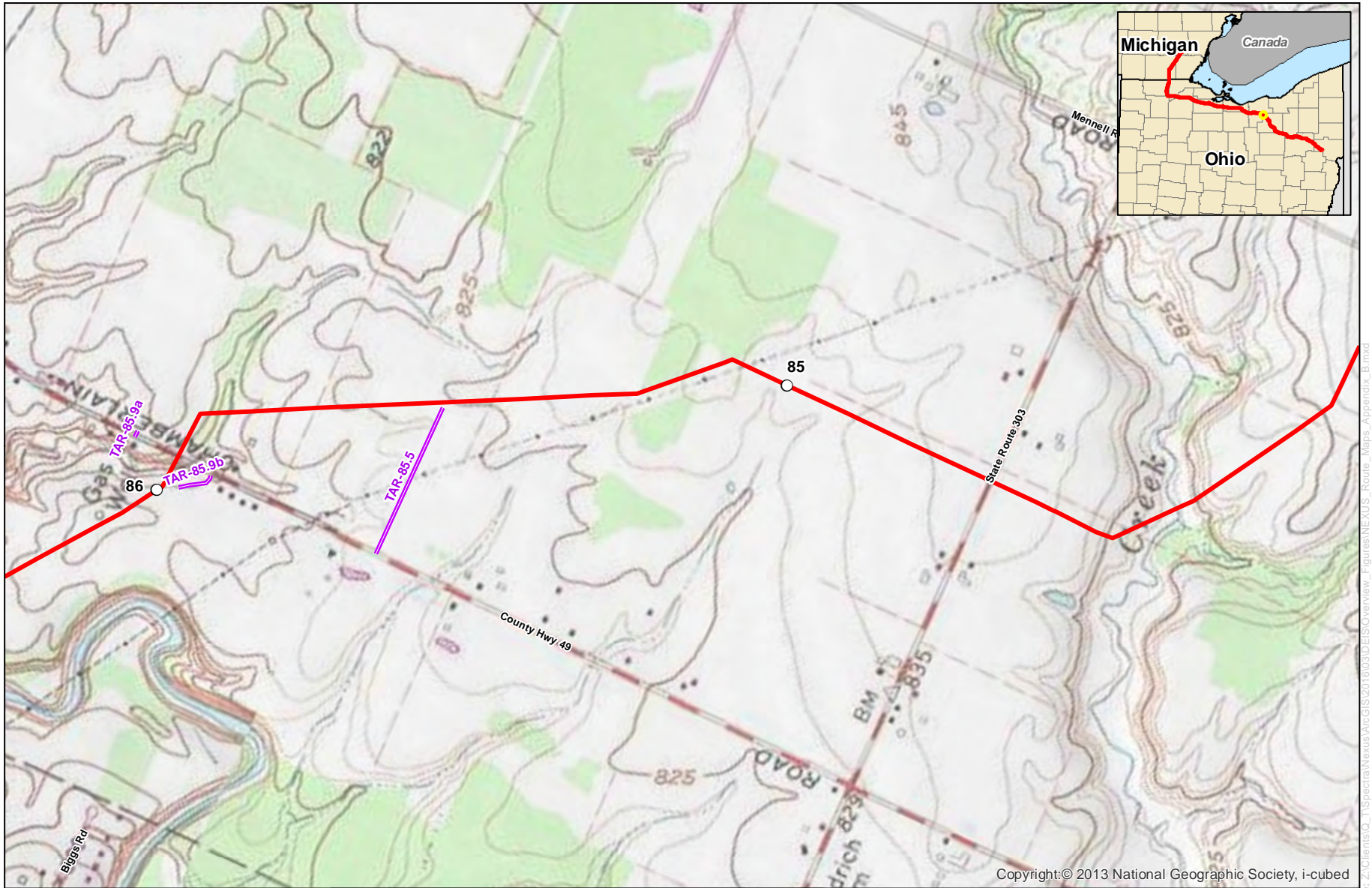


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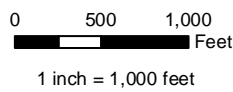


Appendix B-1 NGT Project Route Map

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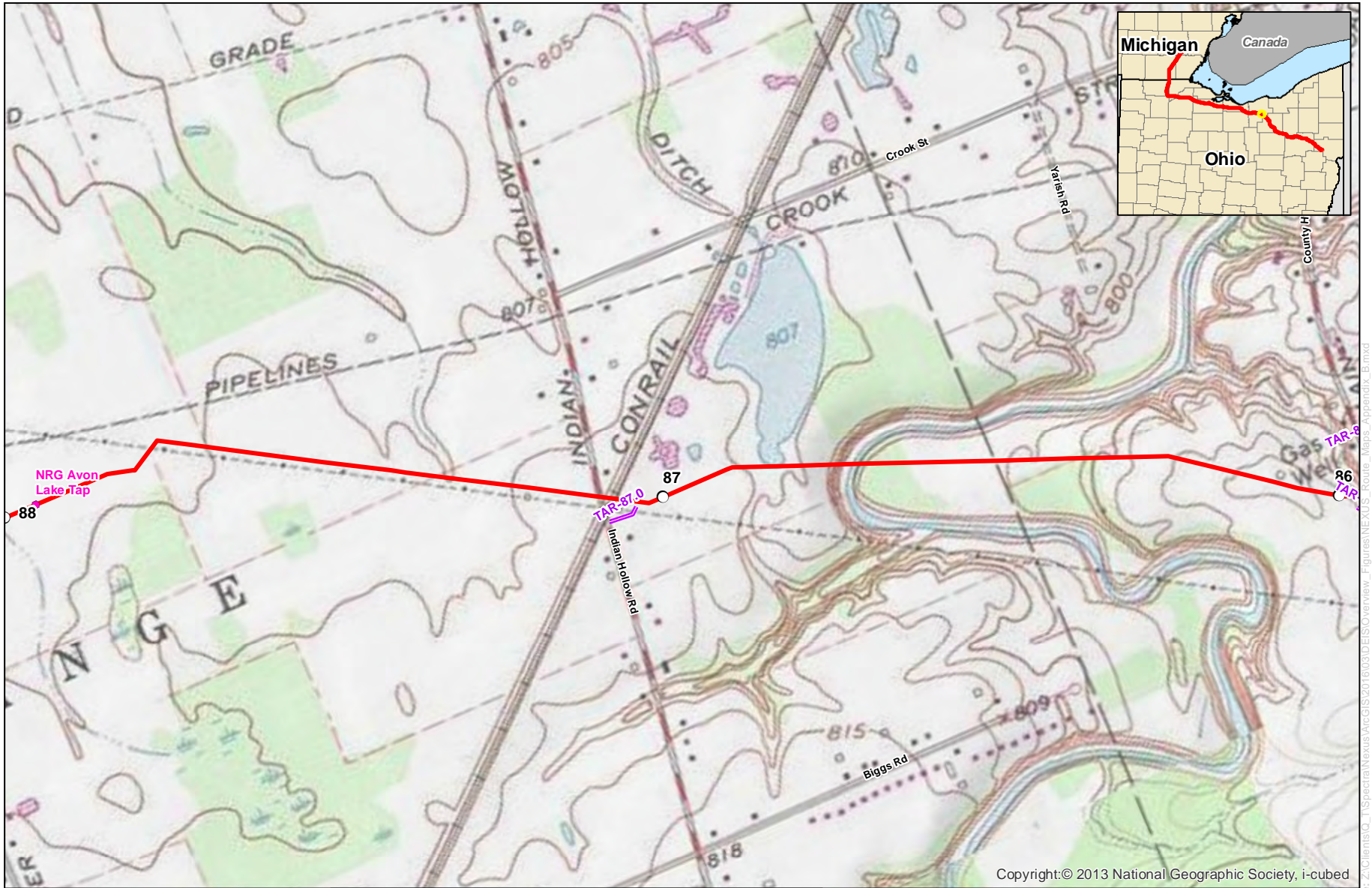


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Appendix B-1 NGT Project Route Map

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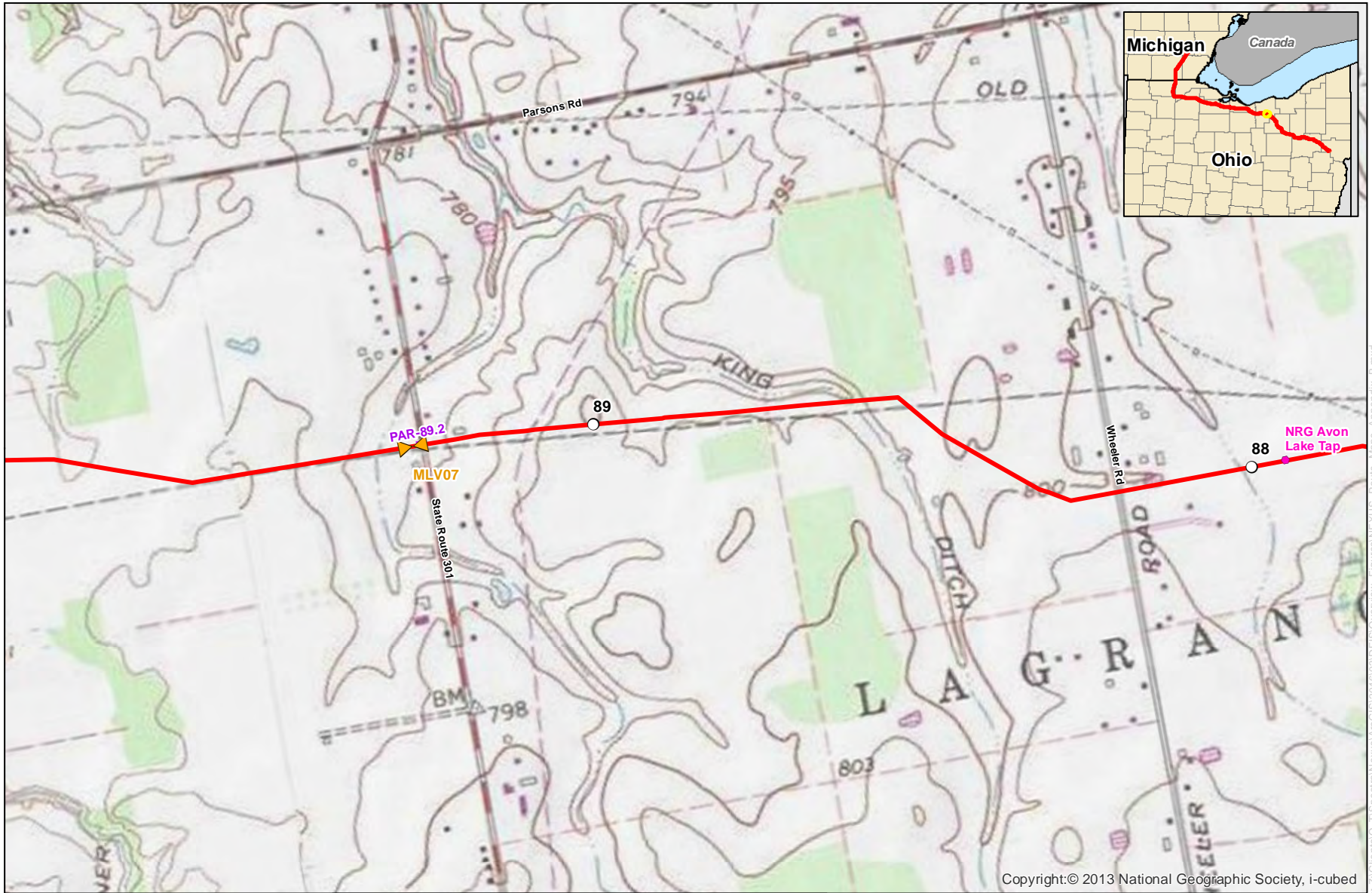


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1 inch = 1,000 feet

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Appendix B-1 NGT Project Route Map

- Milepost
- Proposed TGP Interconnect
- Tee-Tap Location
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- Proposed Compressor Station
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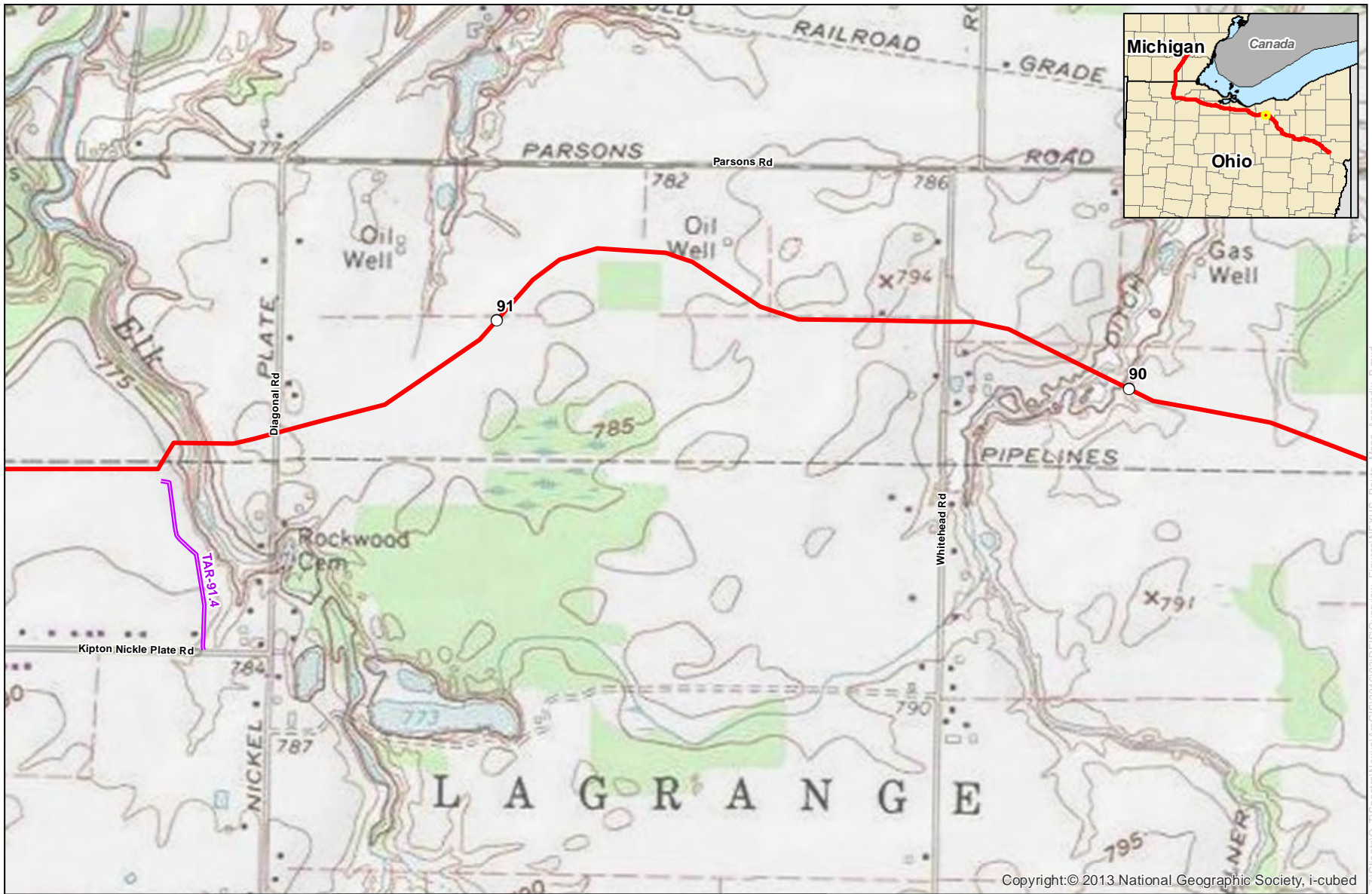


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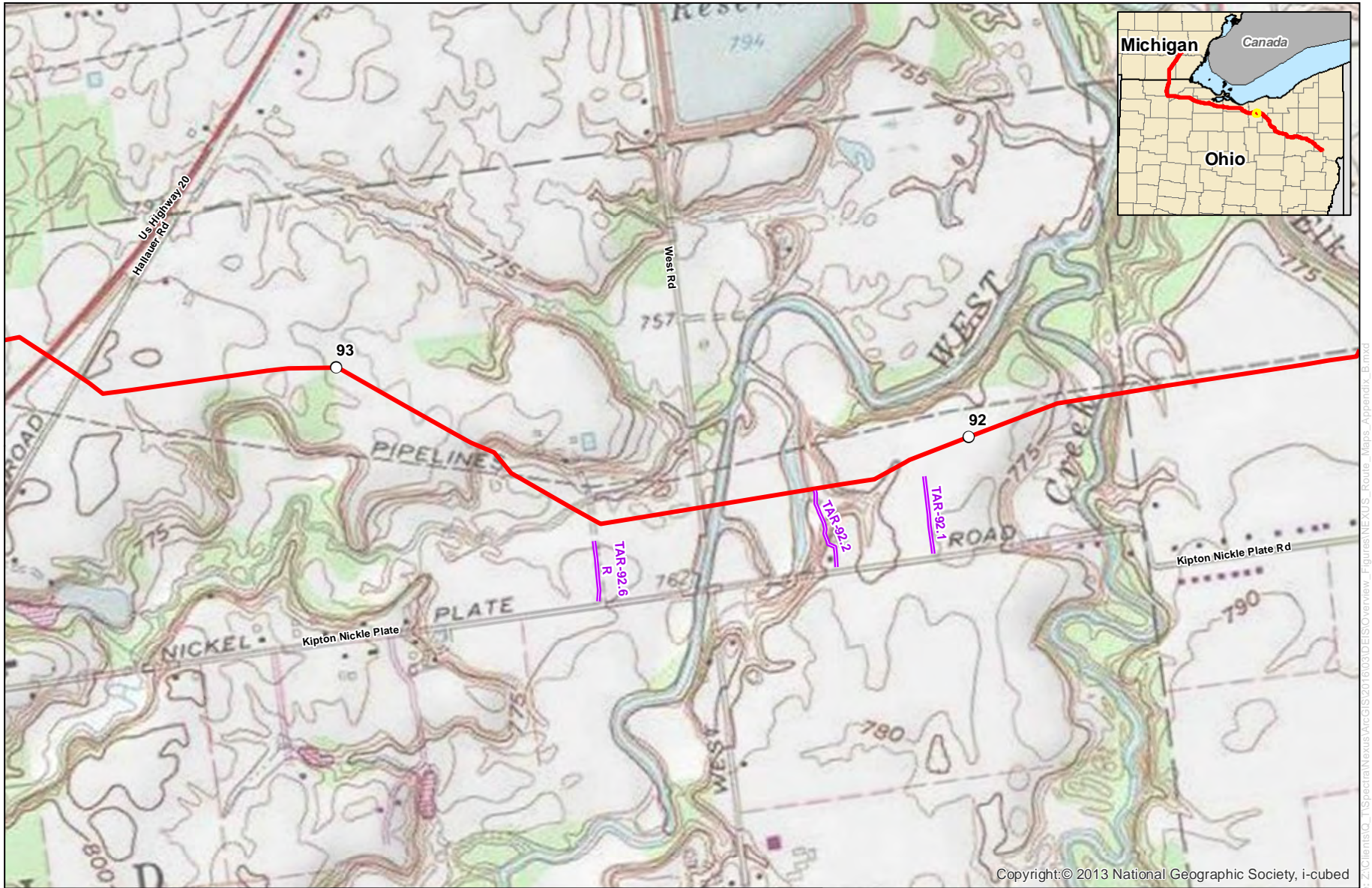


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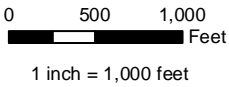


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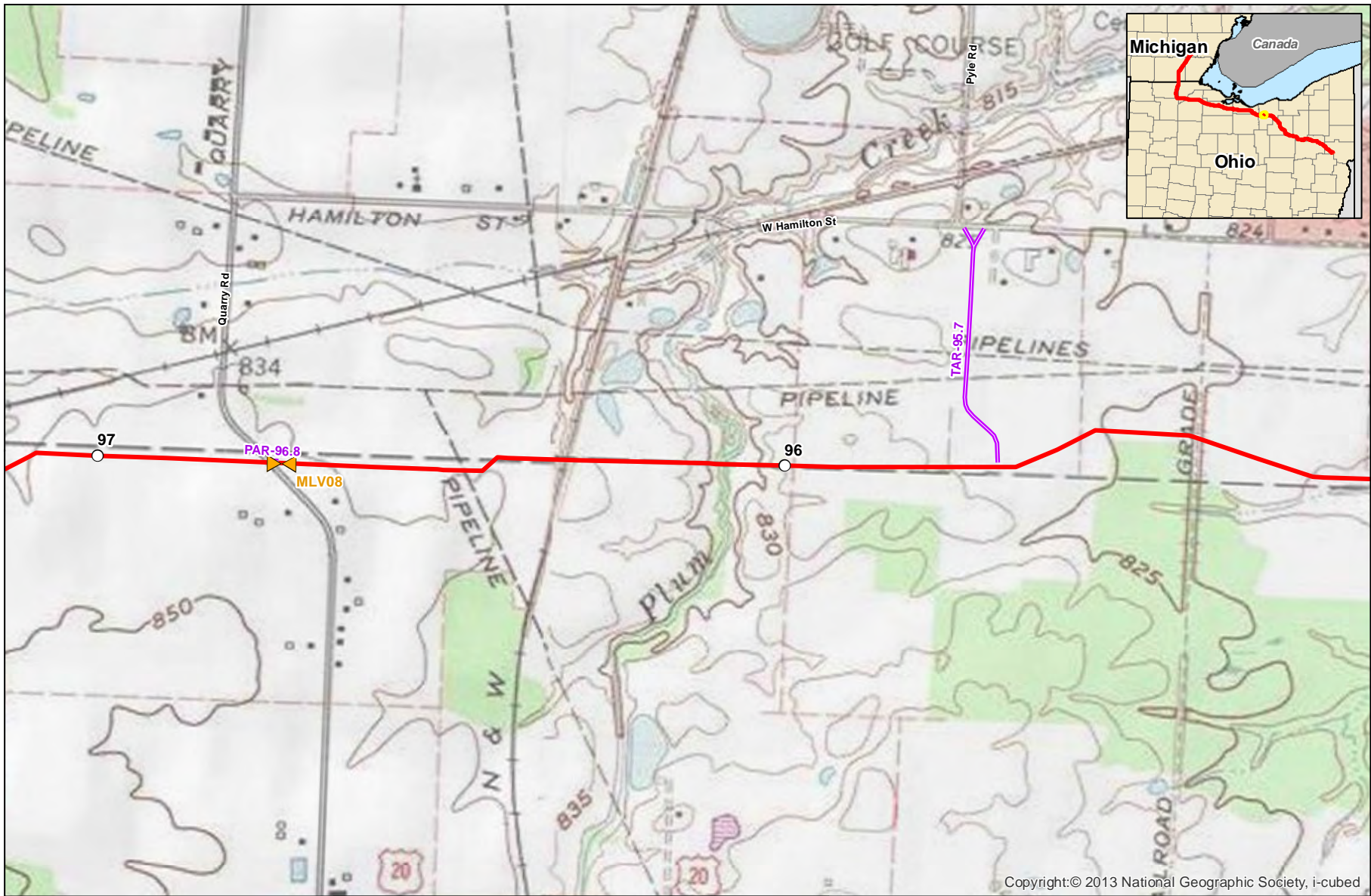


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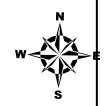
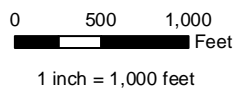


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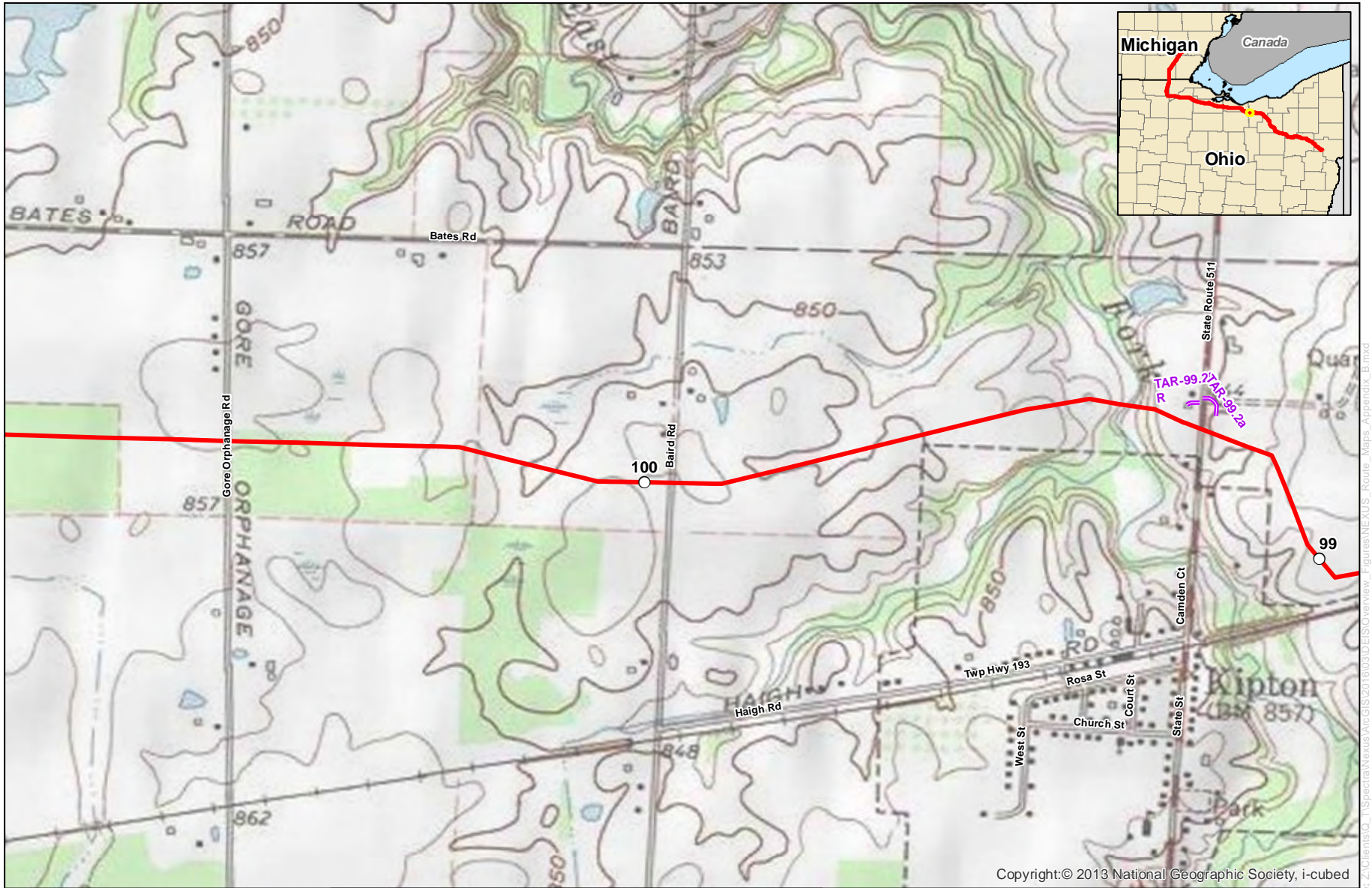


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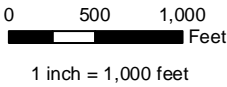


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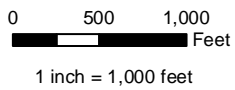
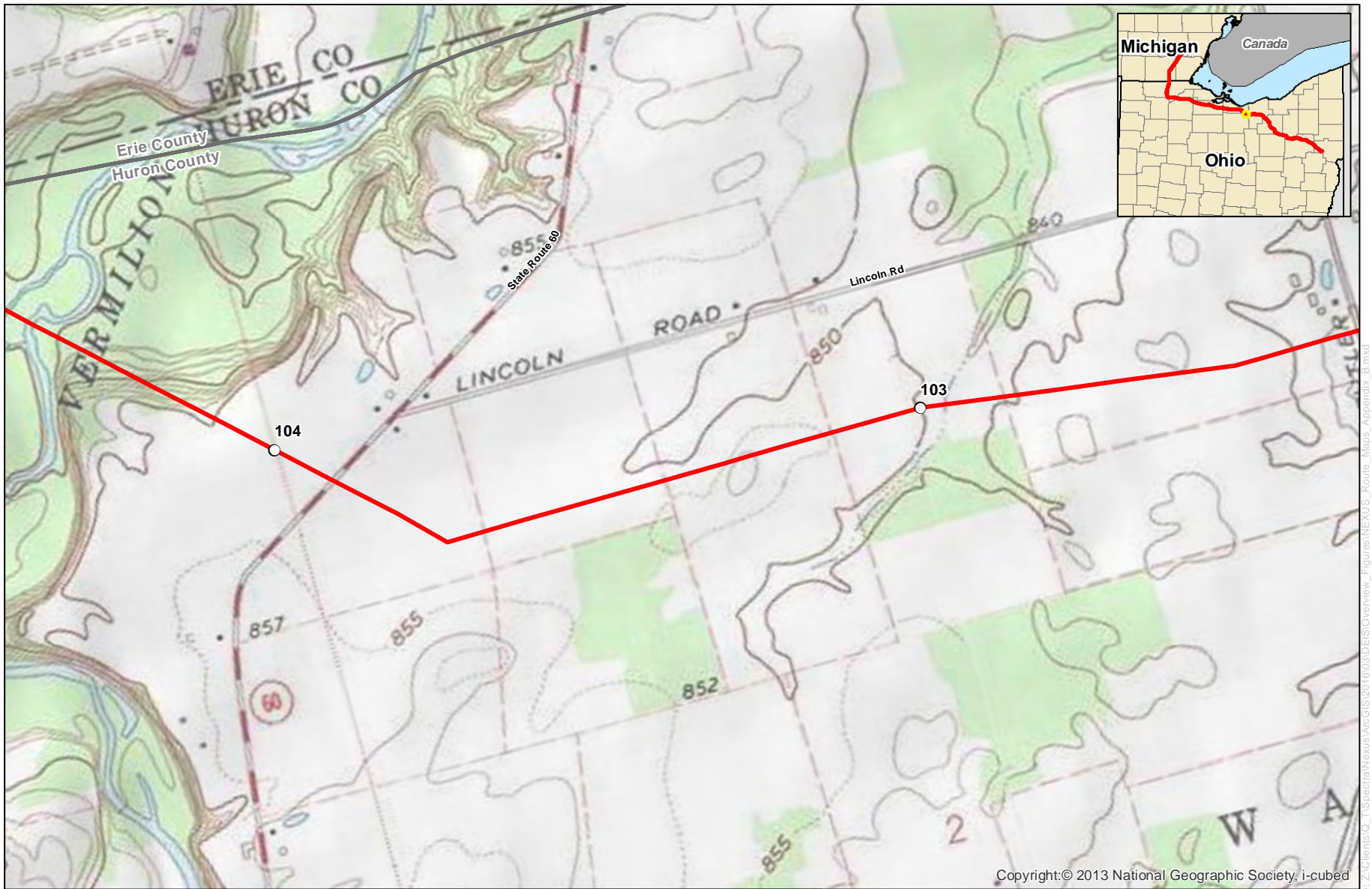


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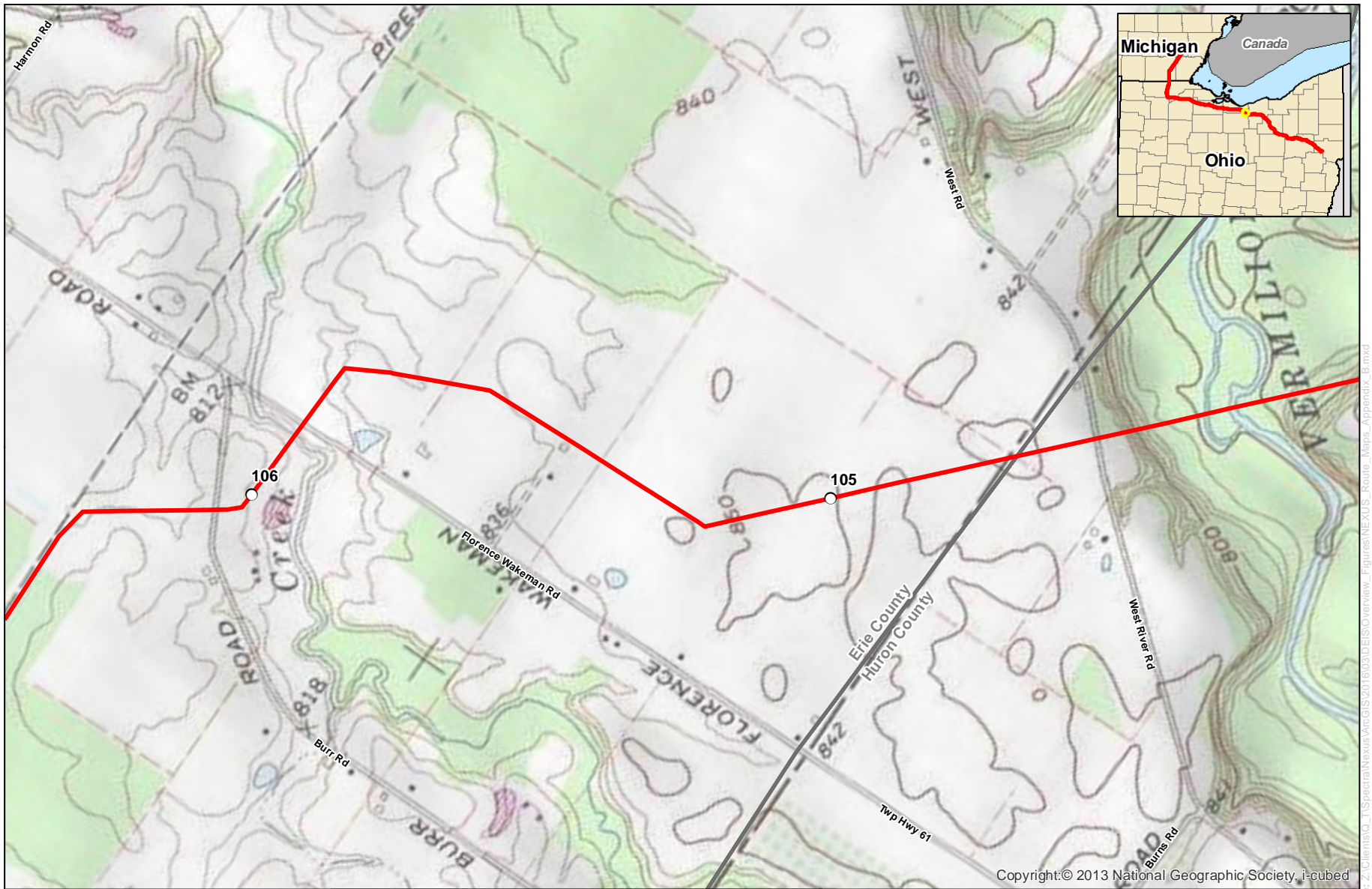
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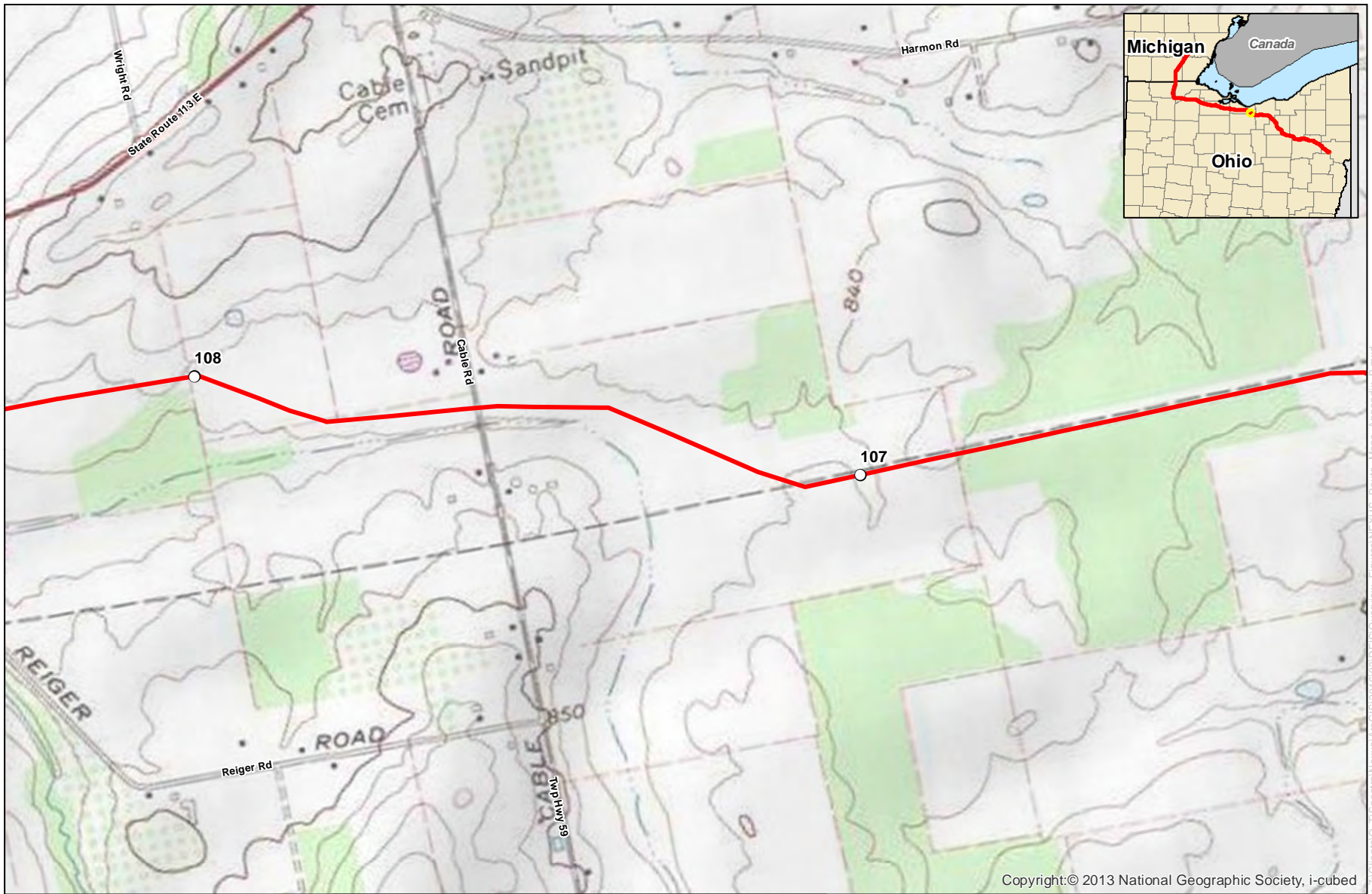


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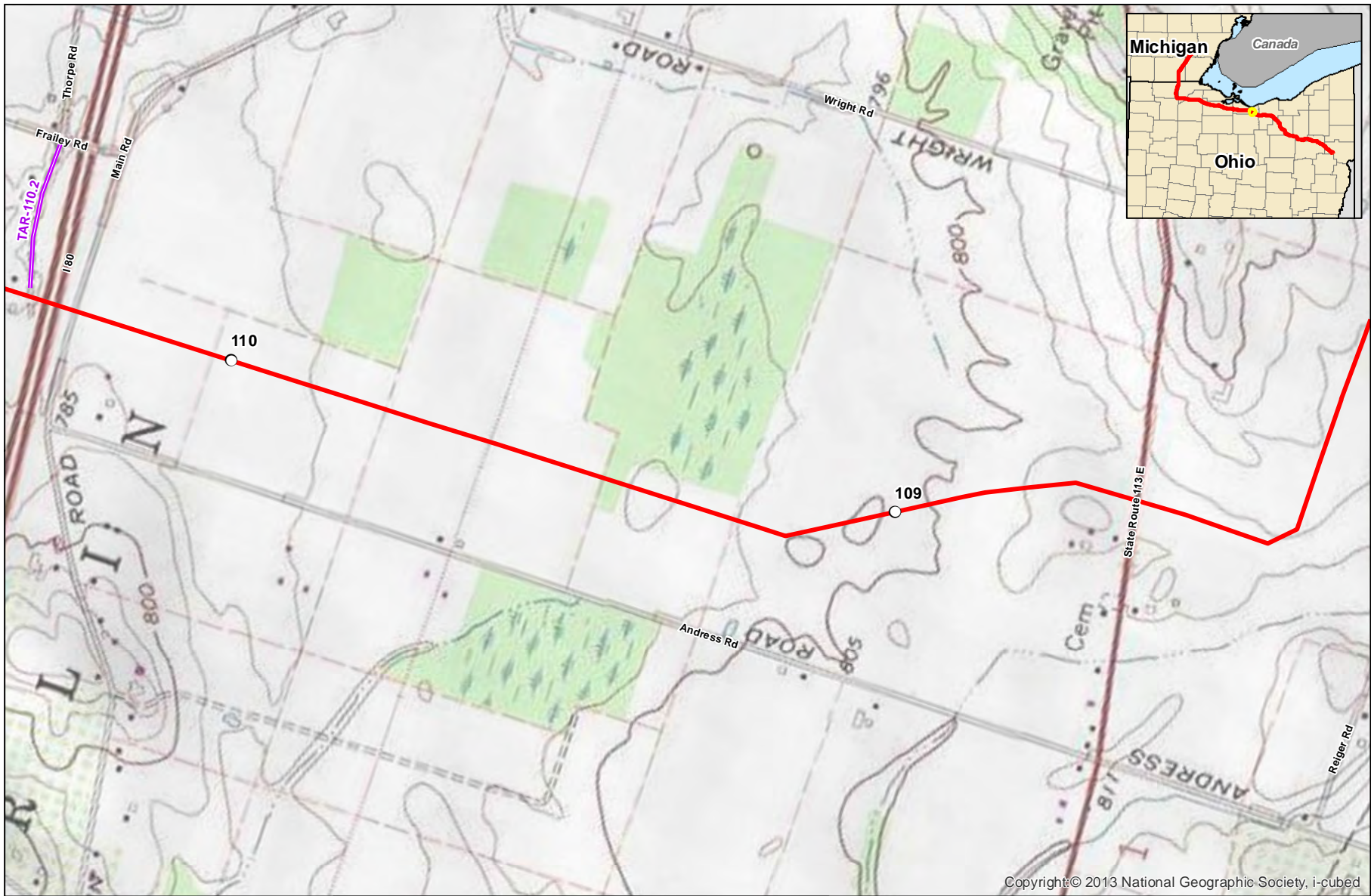


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Appendix B-1 NGT Project Route Map

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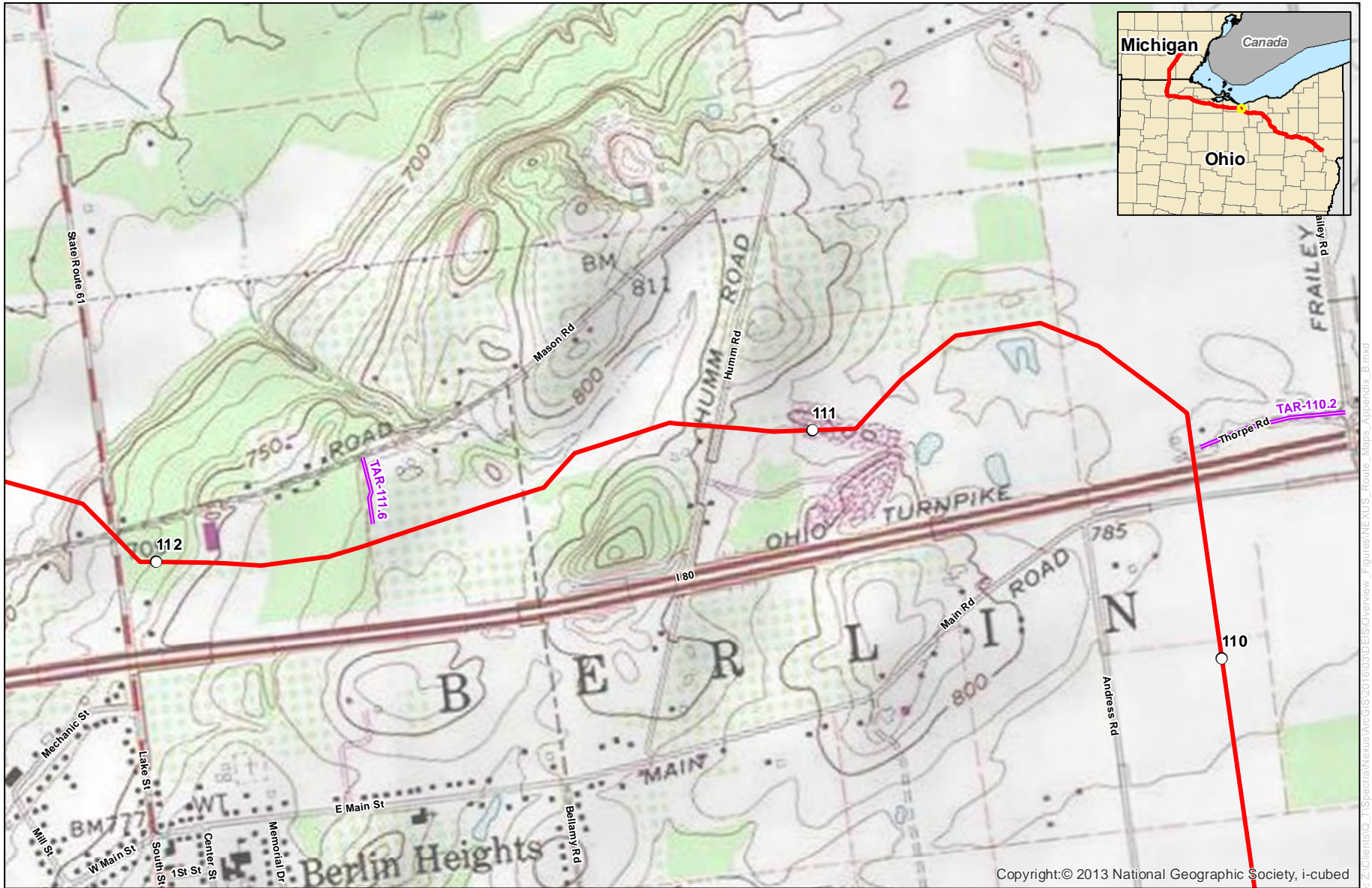


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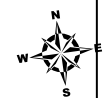
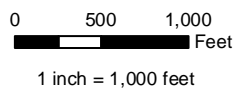


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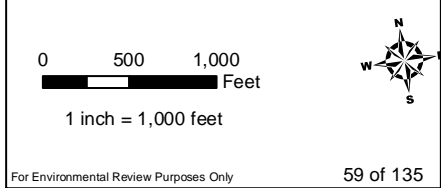
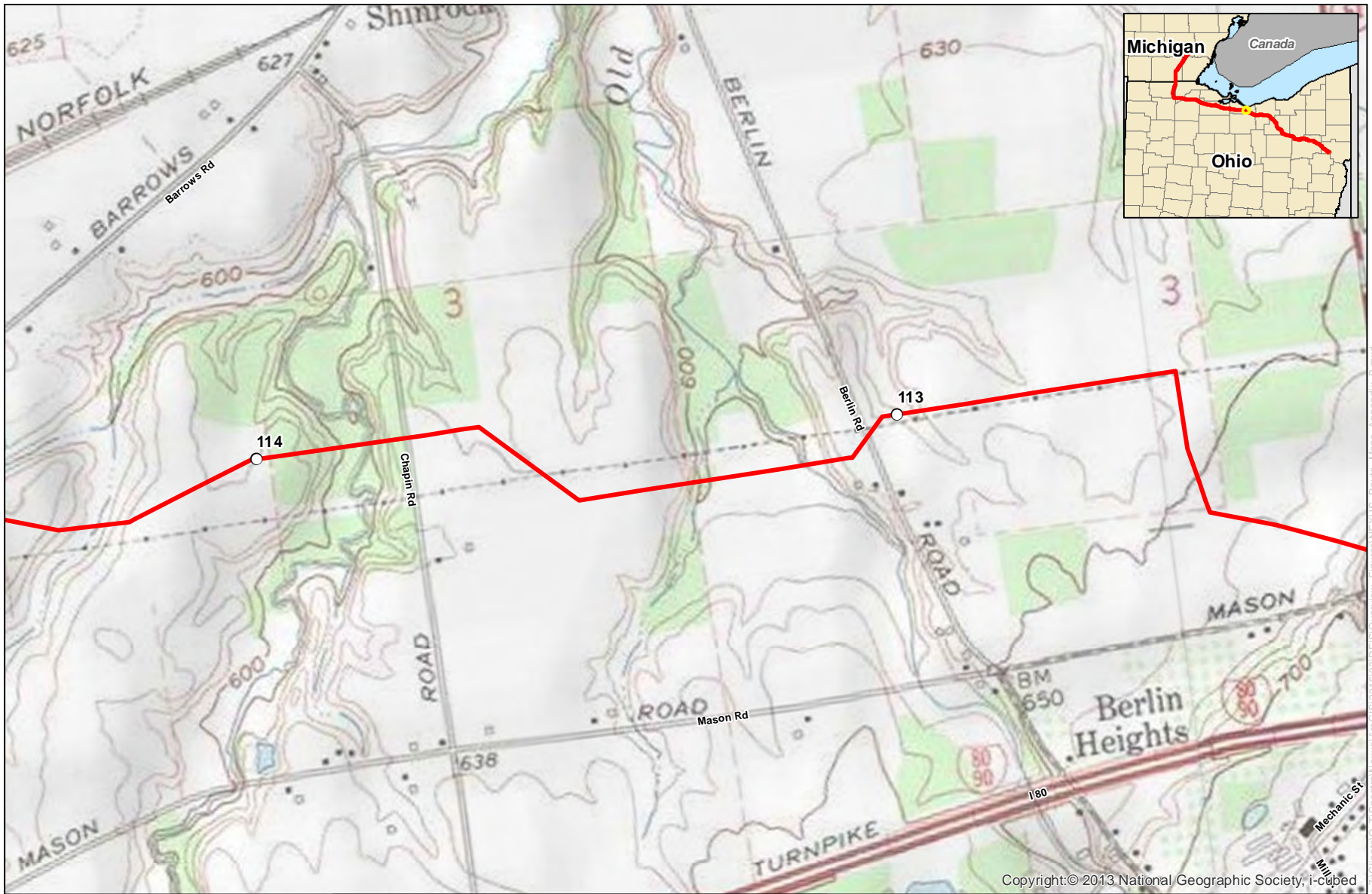


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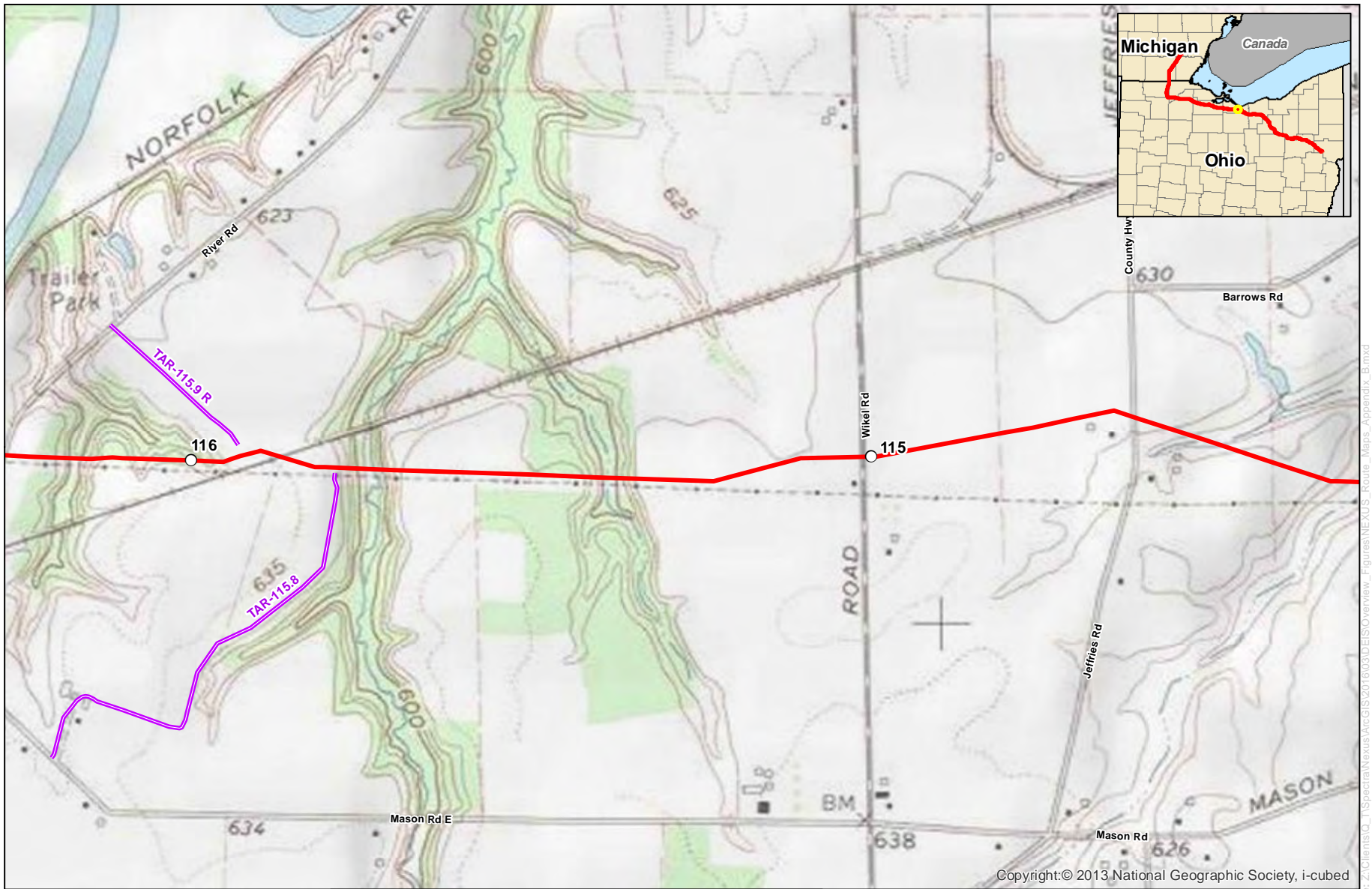
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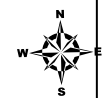
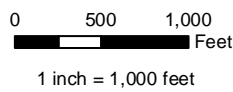


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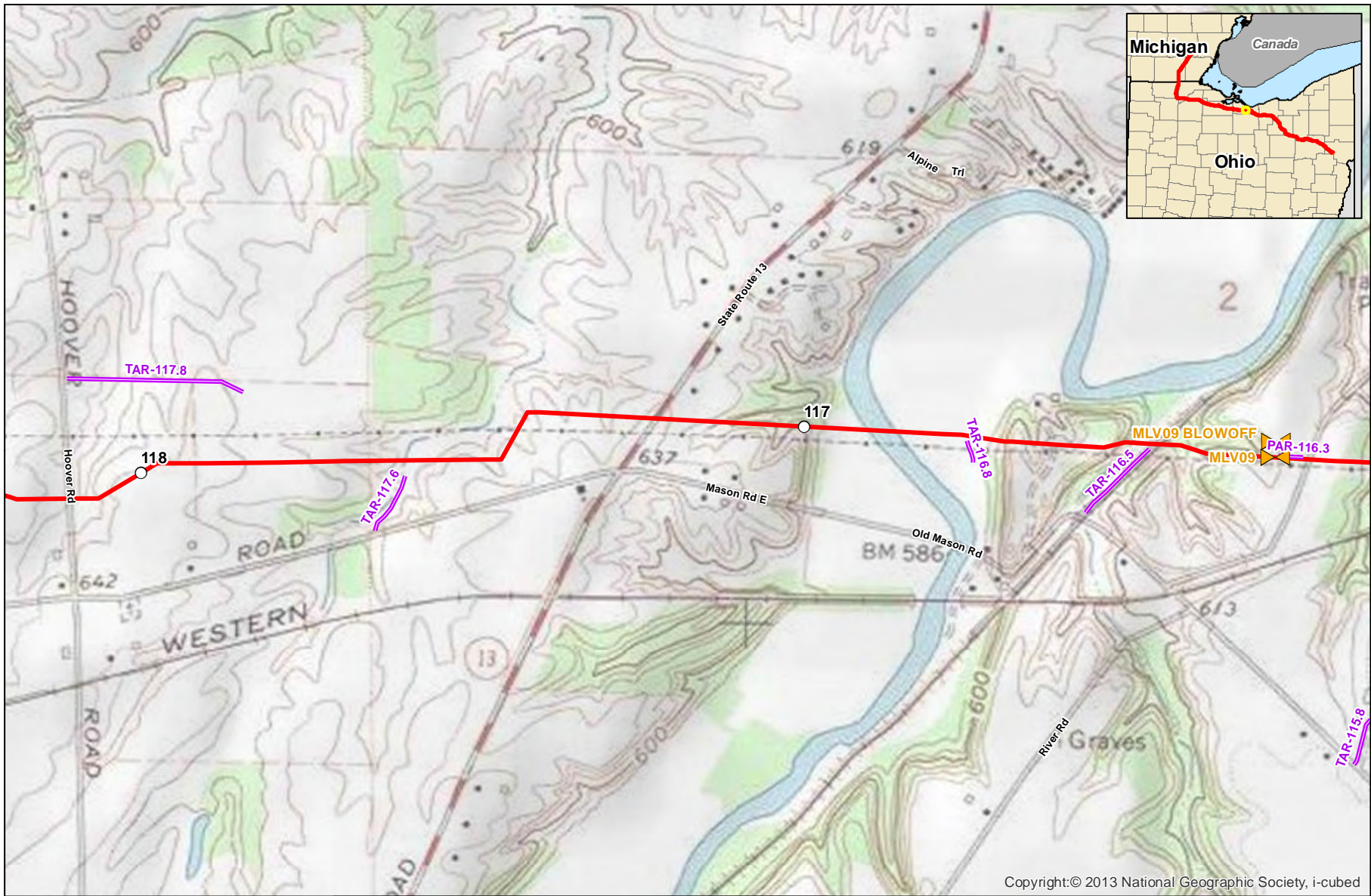
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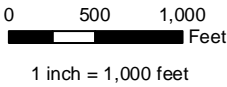
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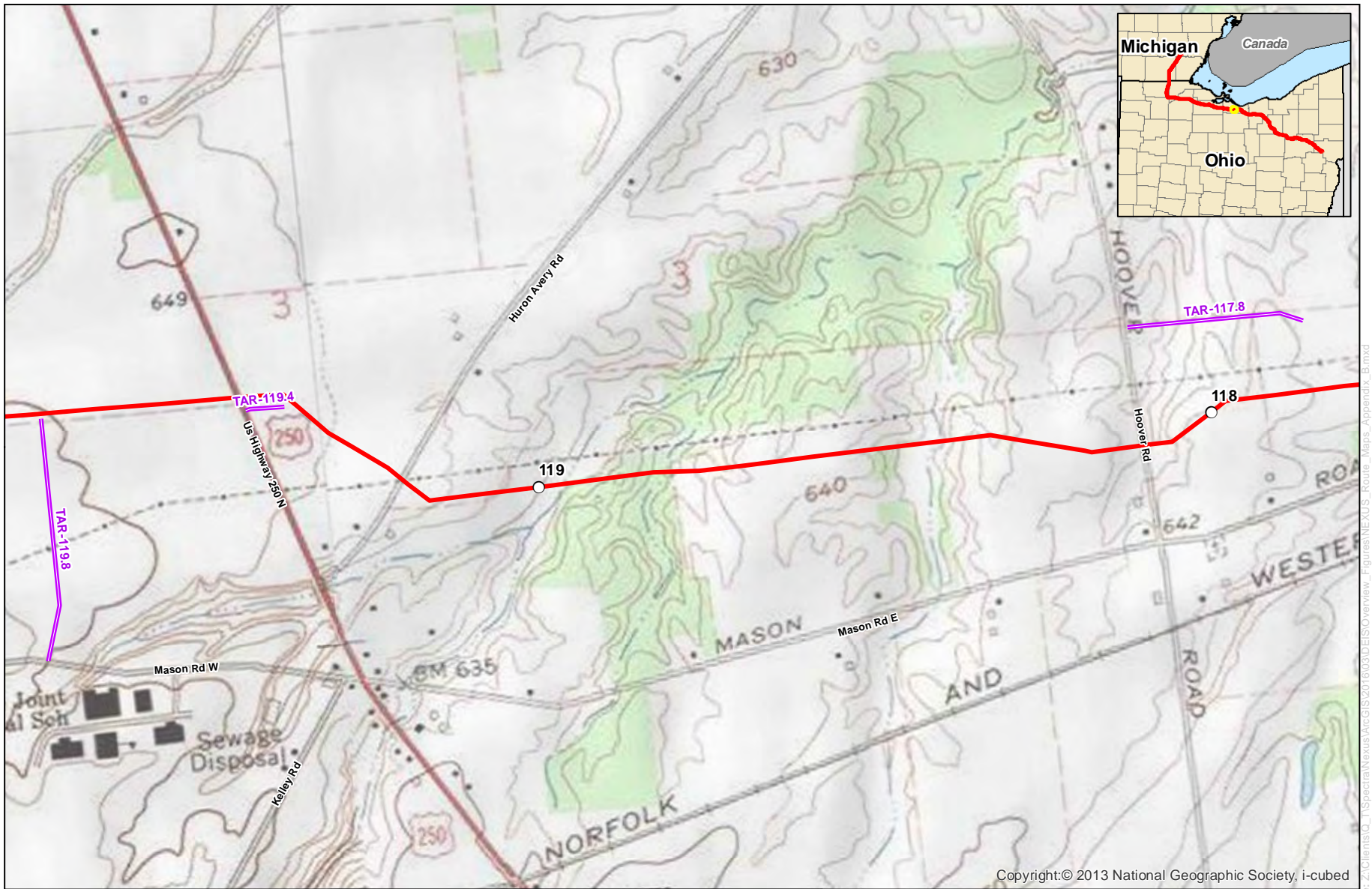
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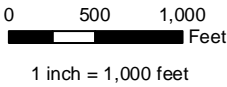
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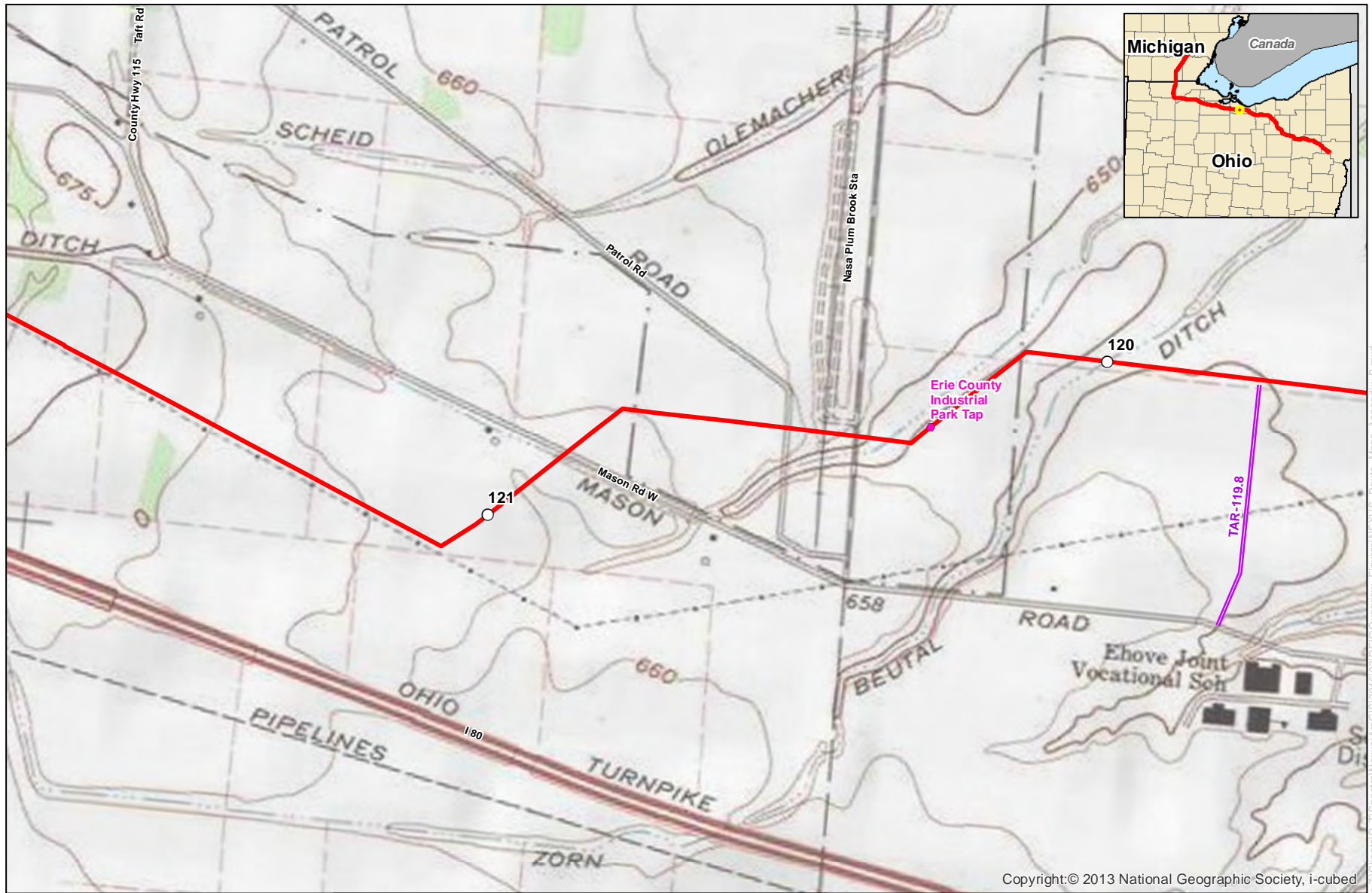


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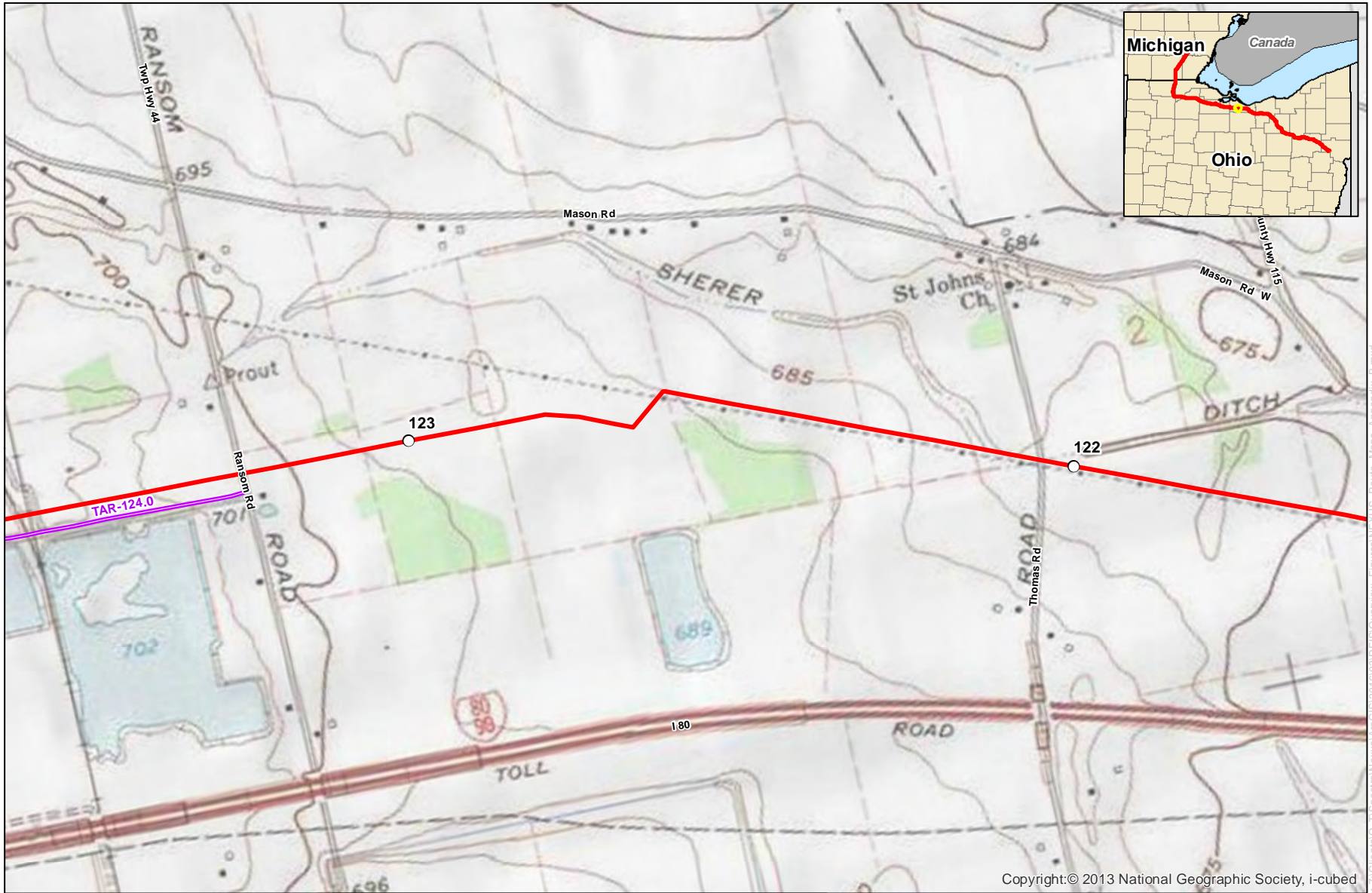


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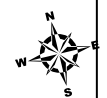
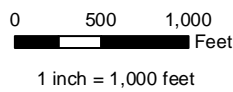


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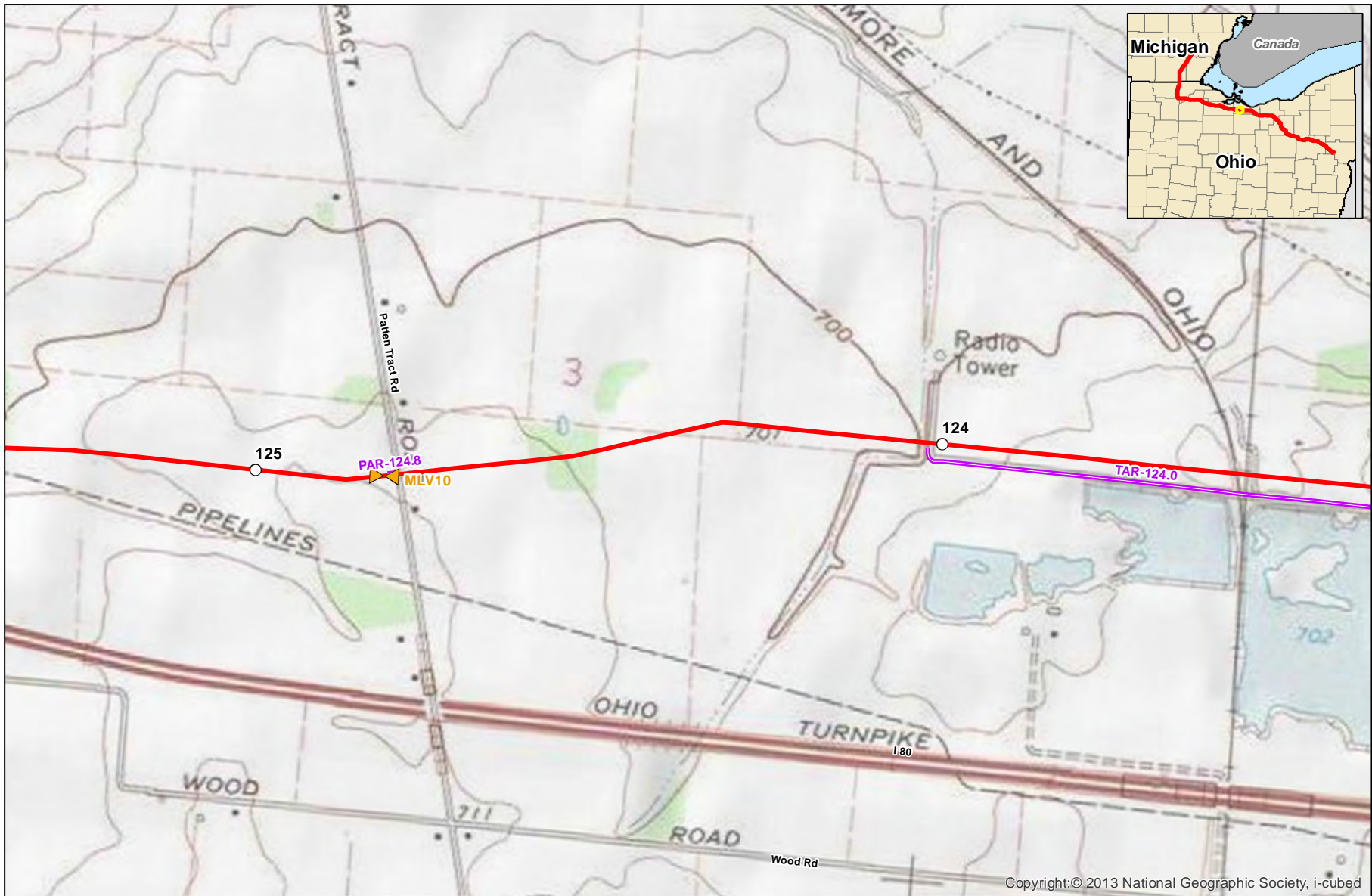


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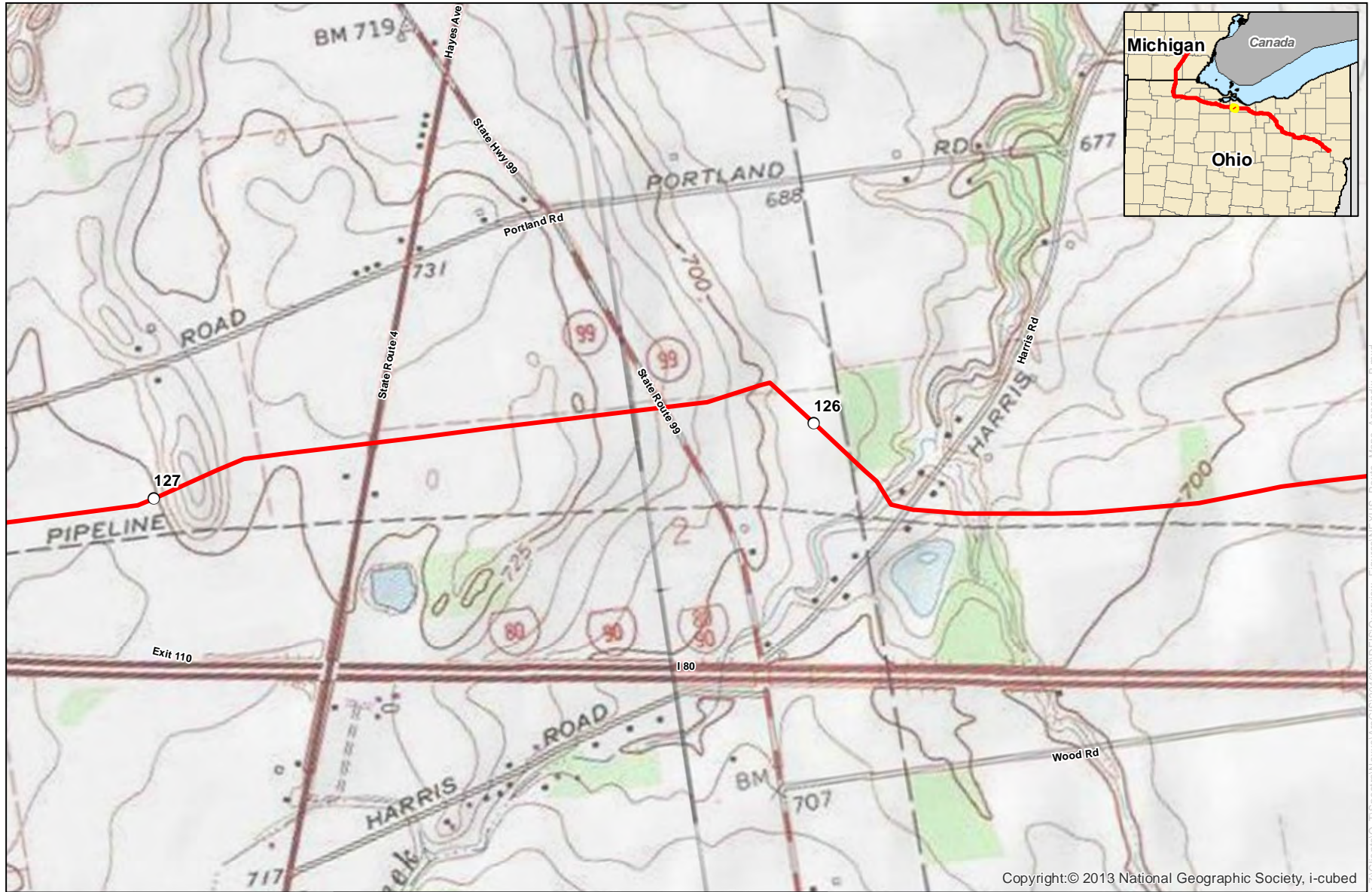


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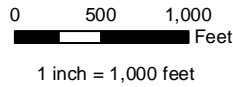


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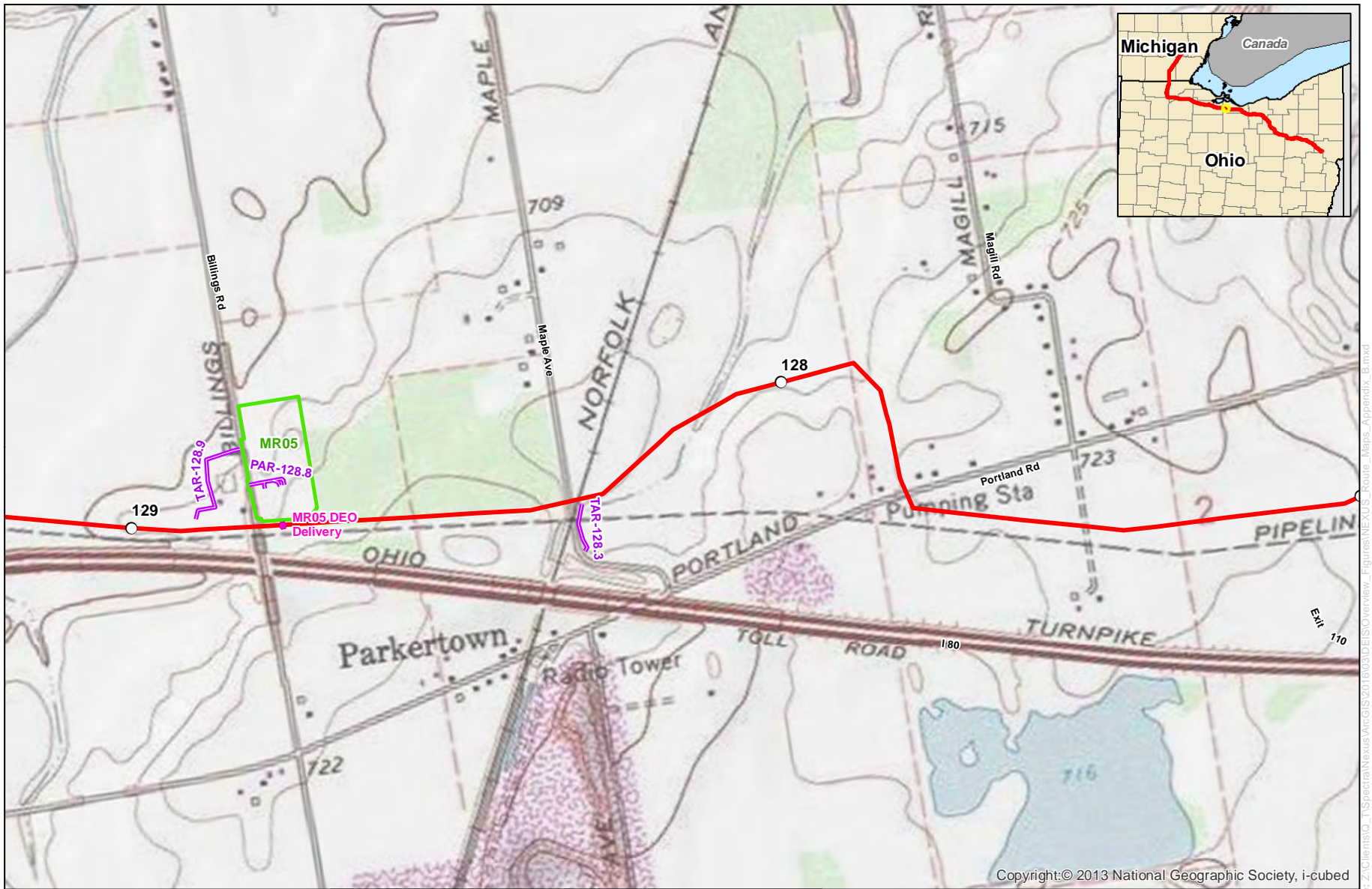


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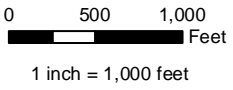


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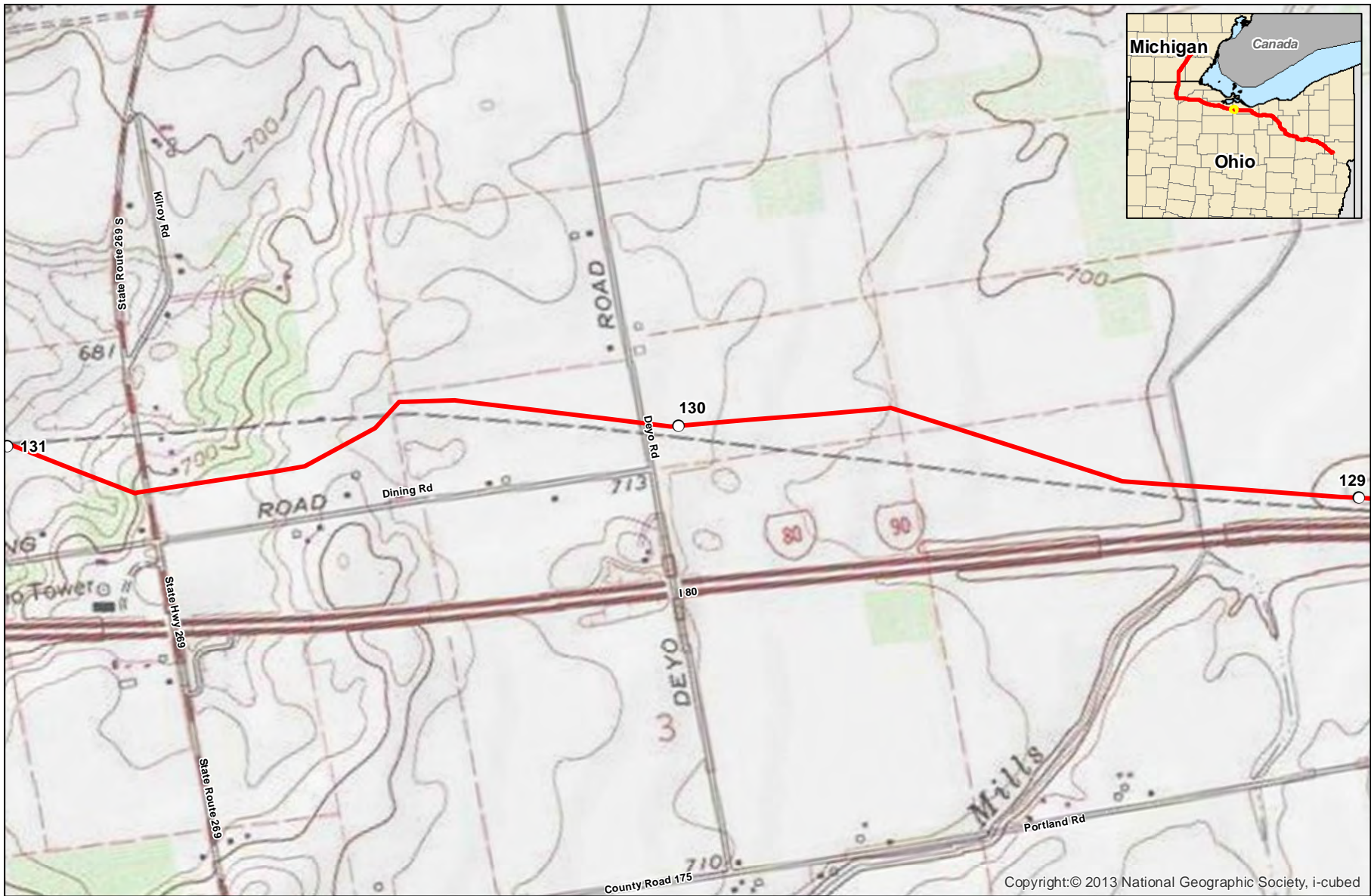


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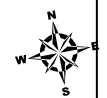
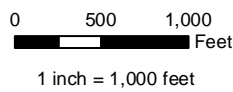


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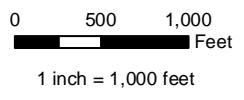


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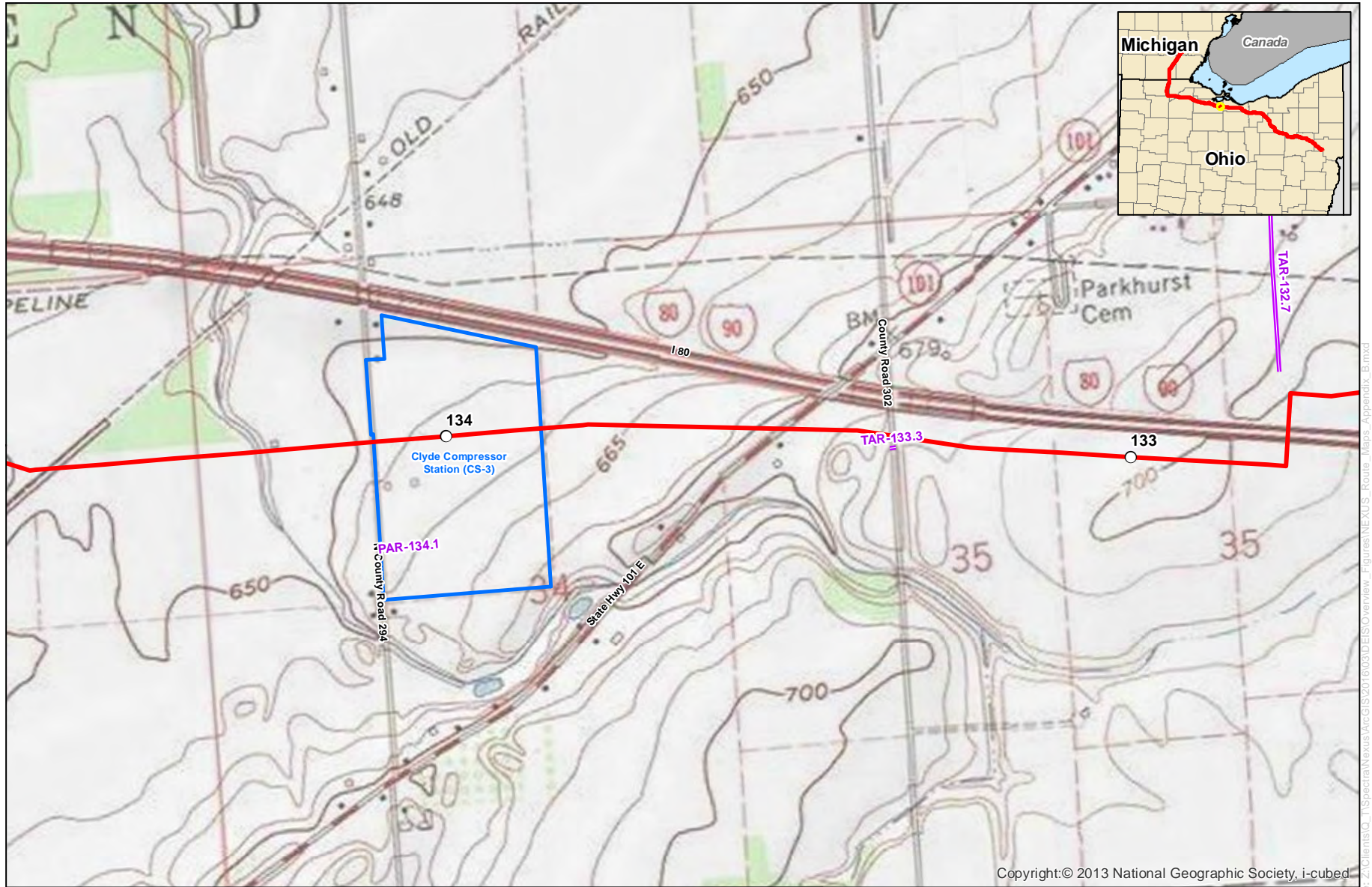


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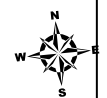
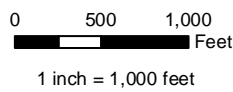


Appendix B-1 NGT Project Route Map

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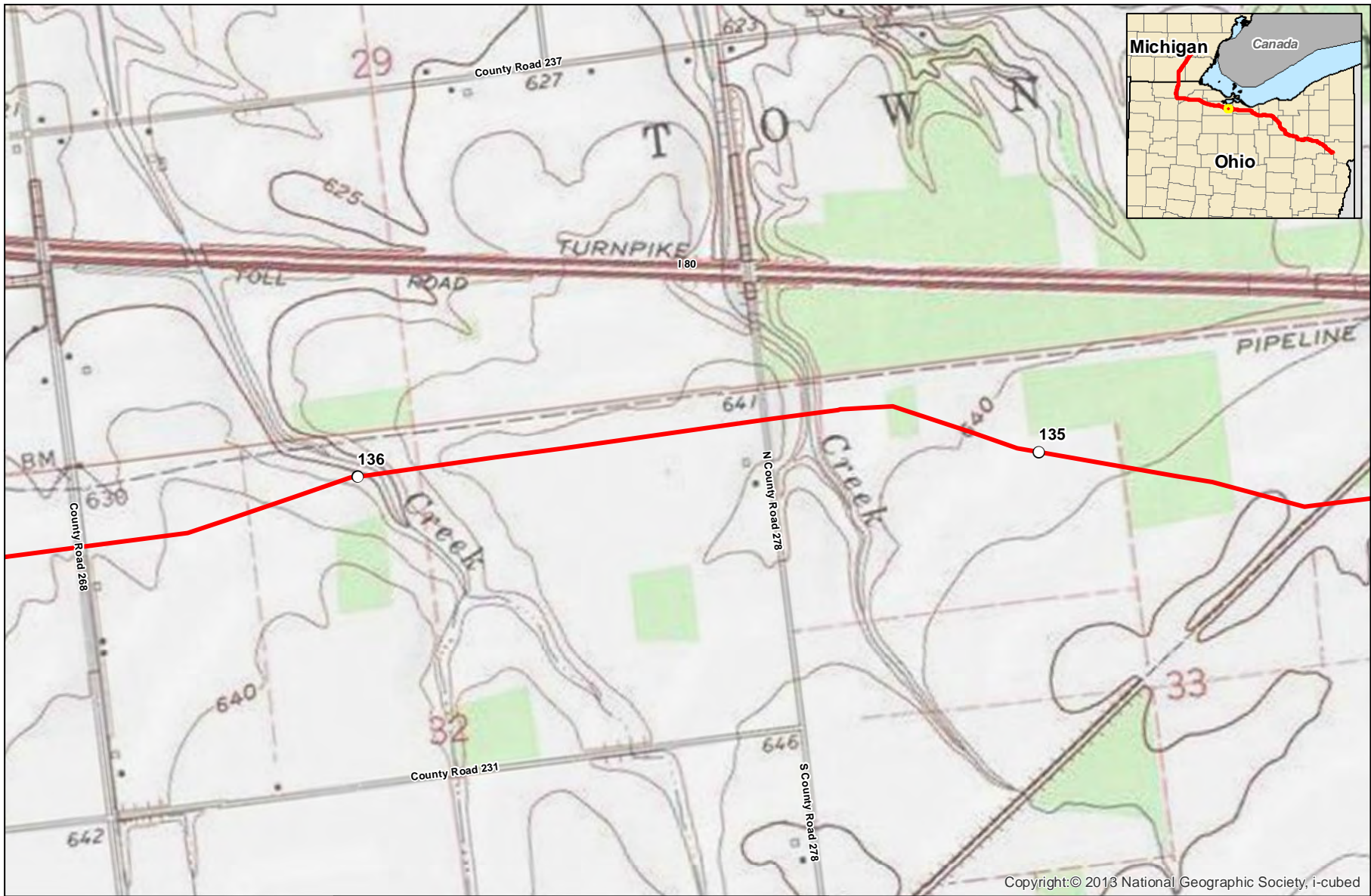


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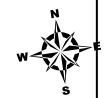
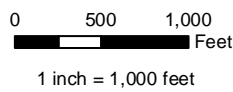


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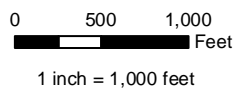


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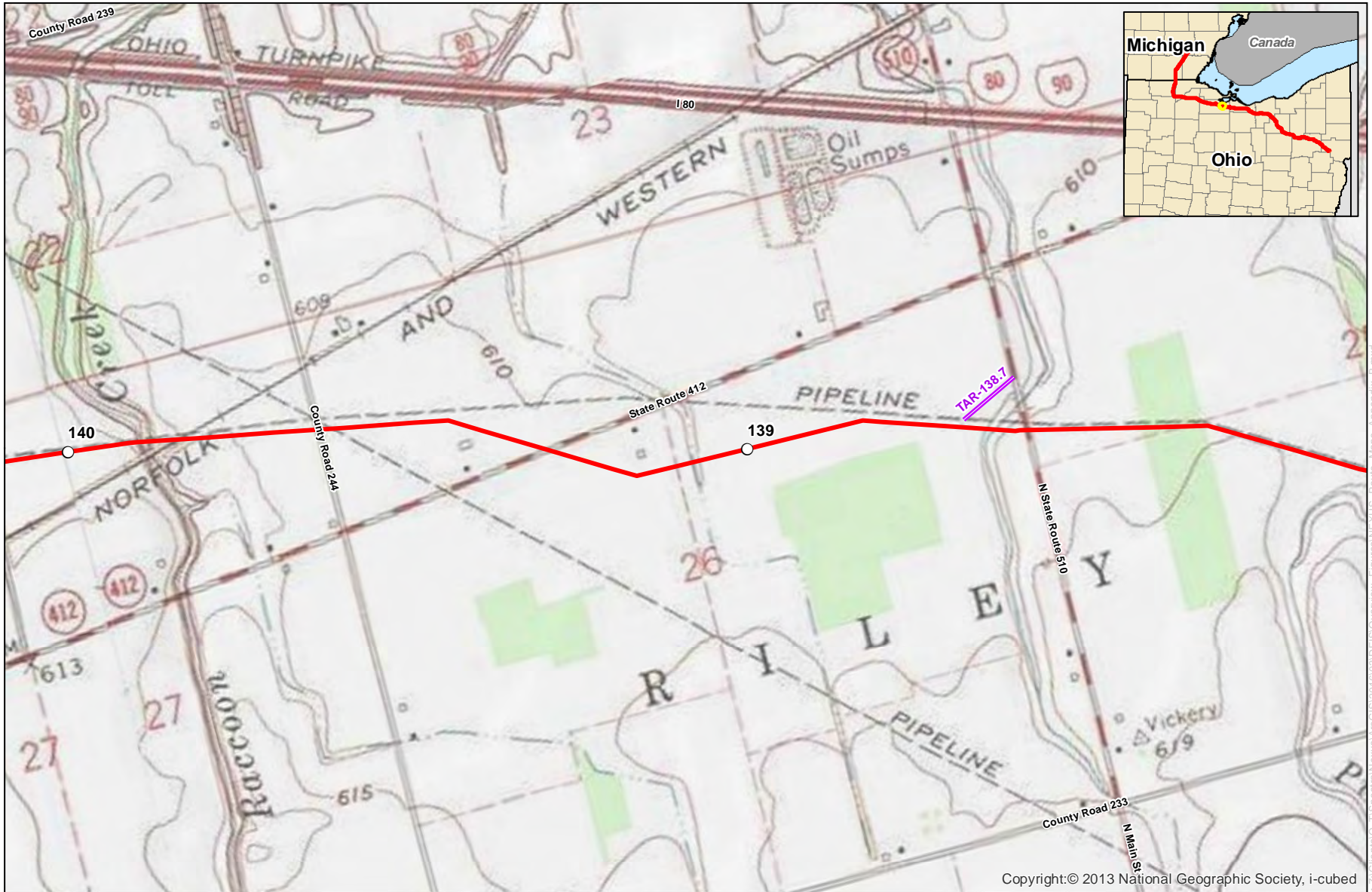


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0 500 1,000 Feet

1 inch = 1,000 feet



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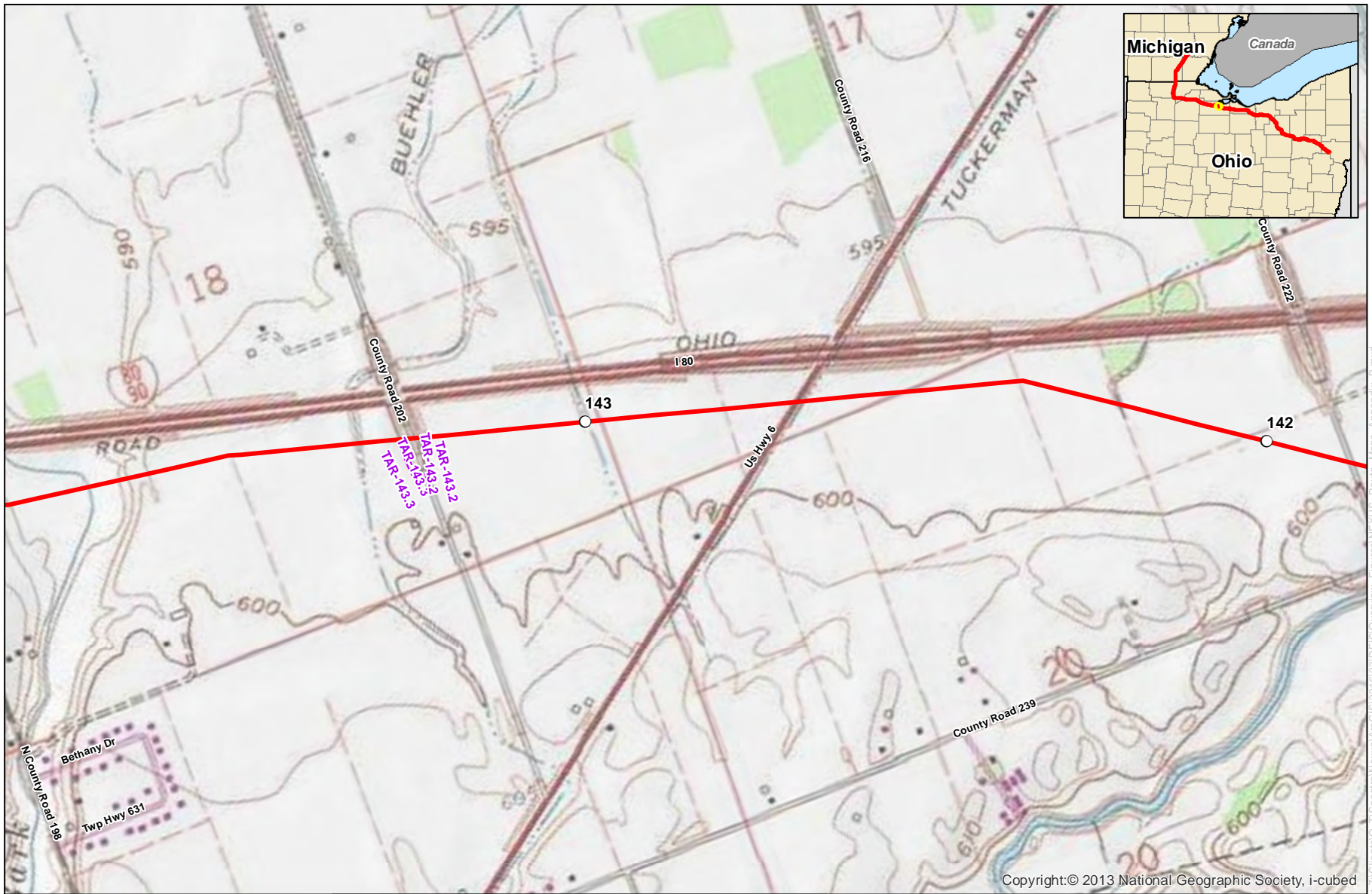


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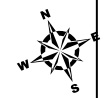
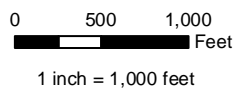


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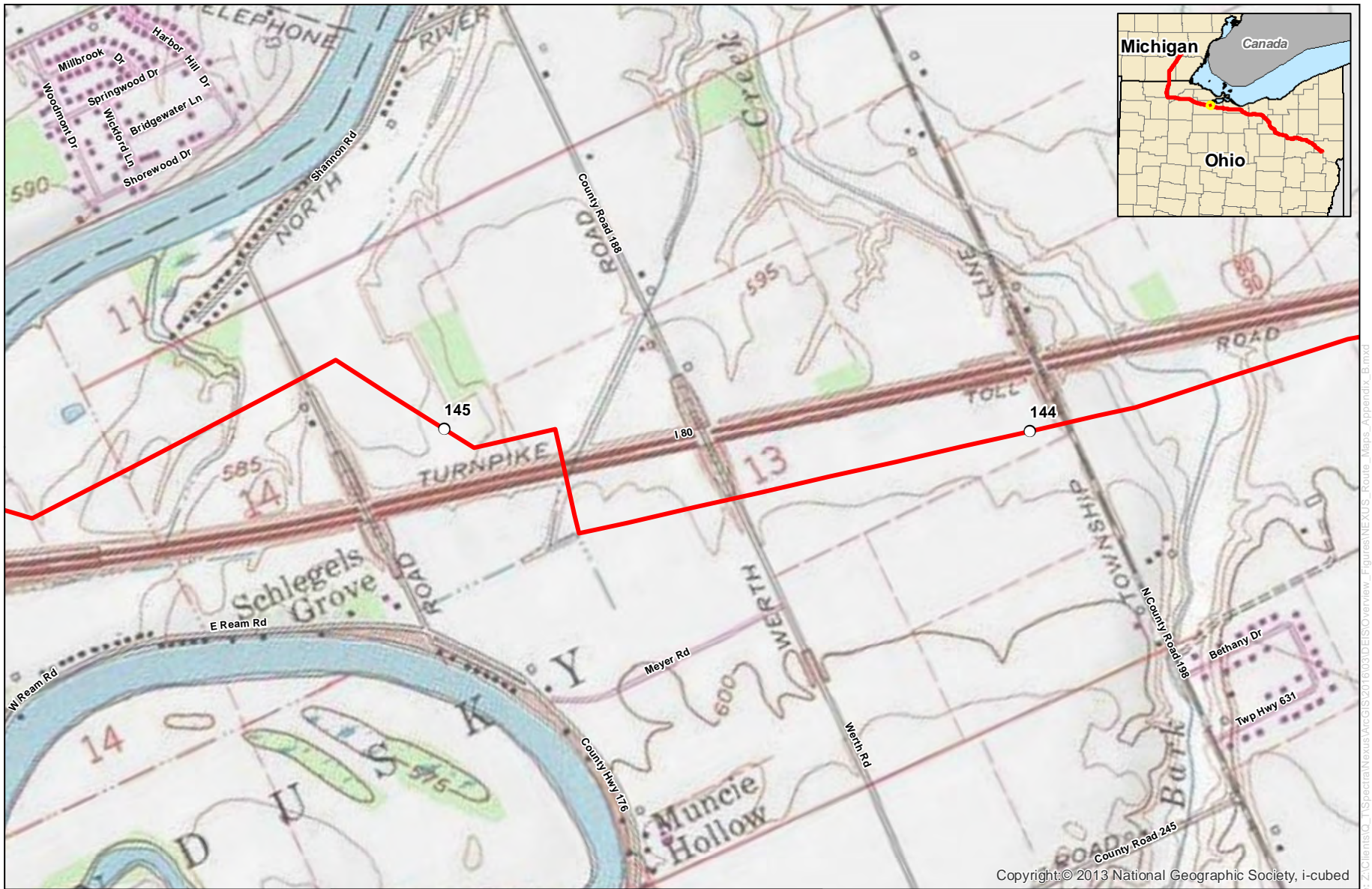


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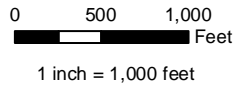


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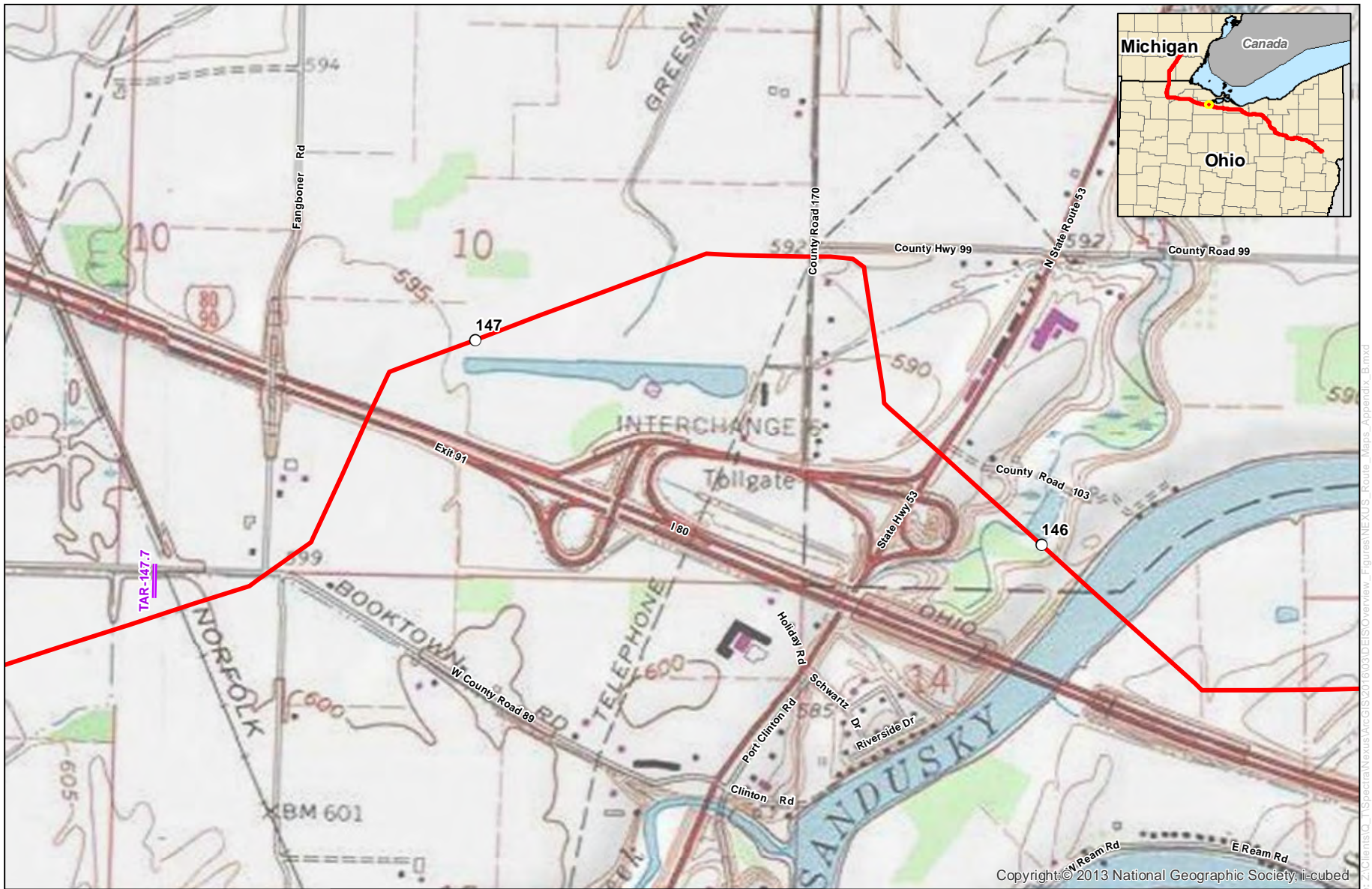


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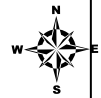
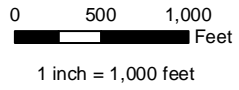


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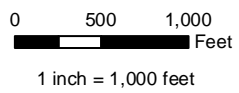
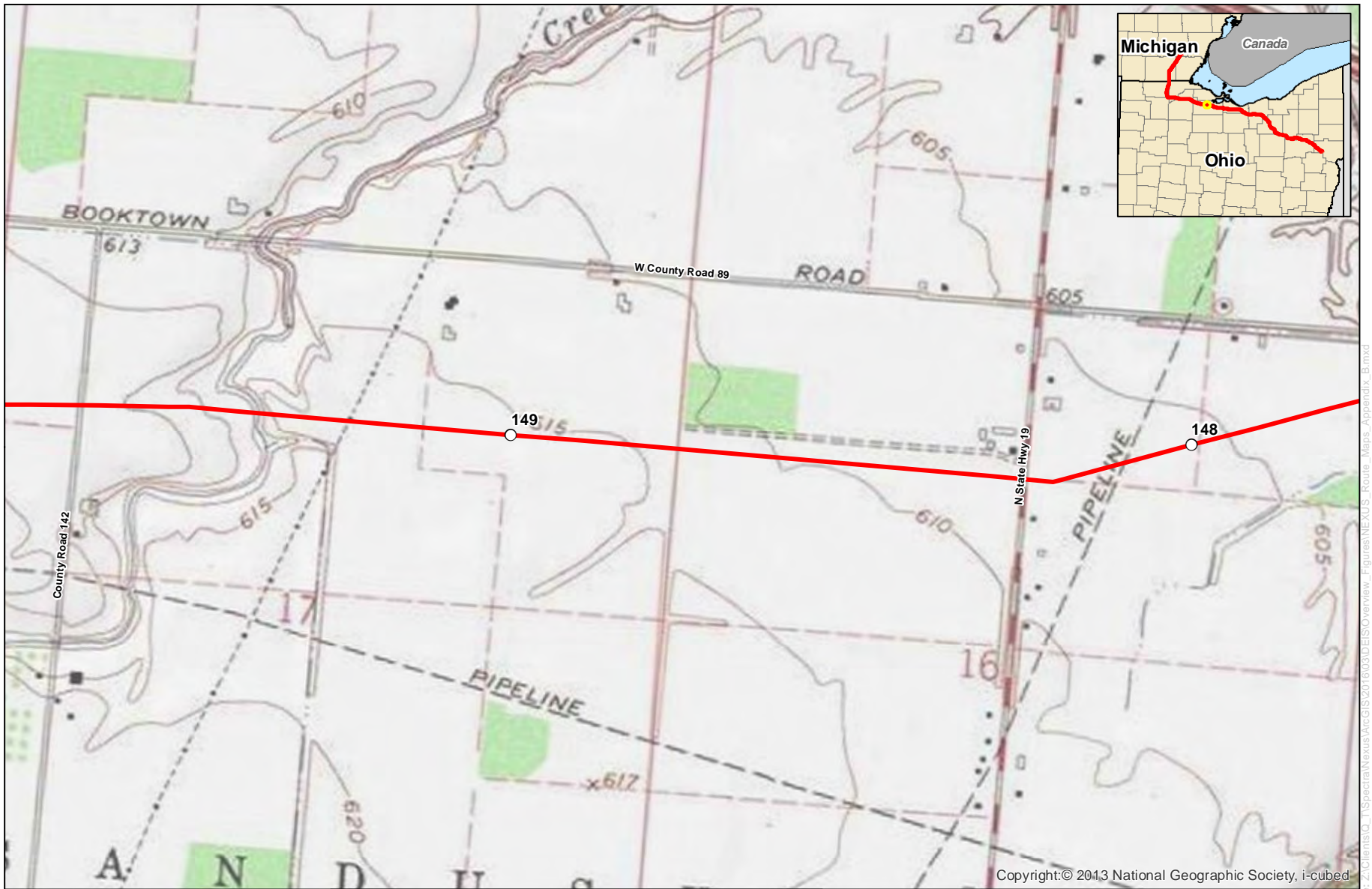


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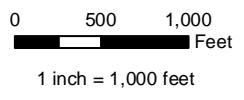


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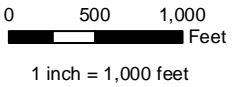


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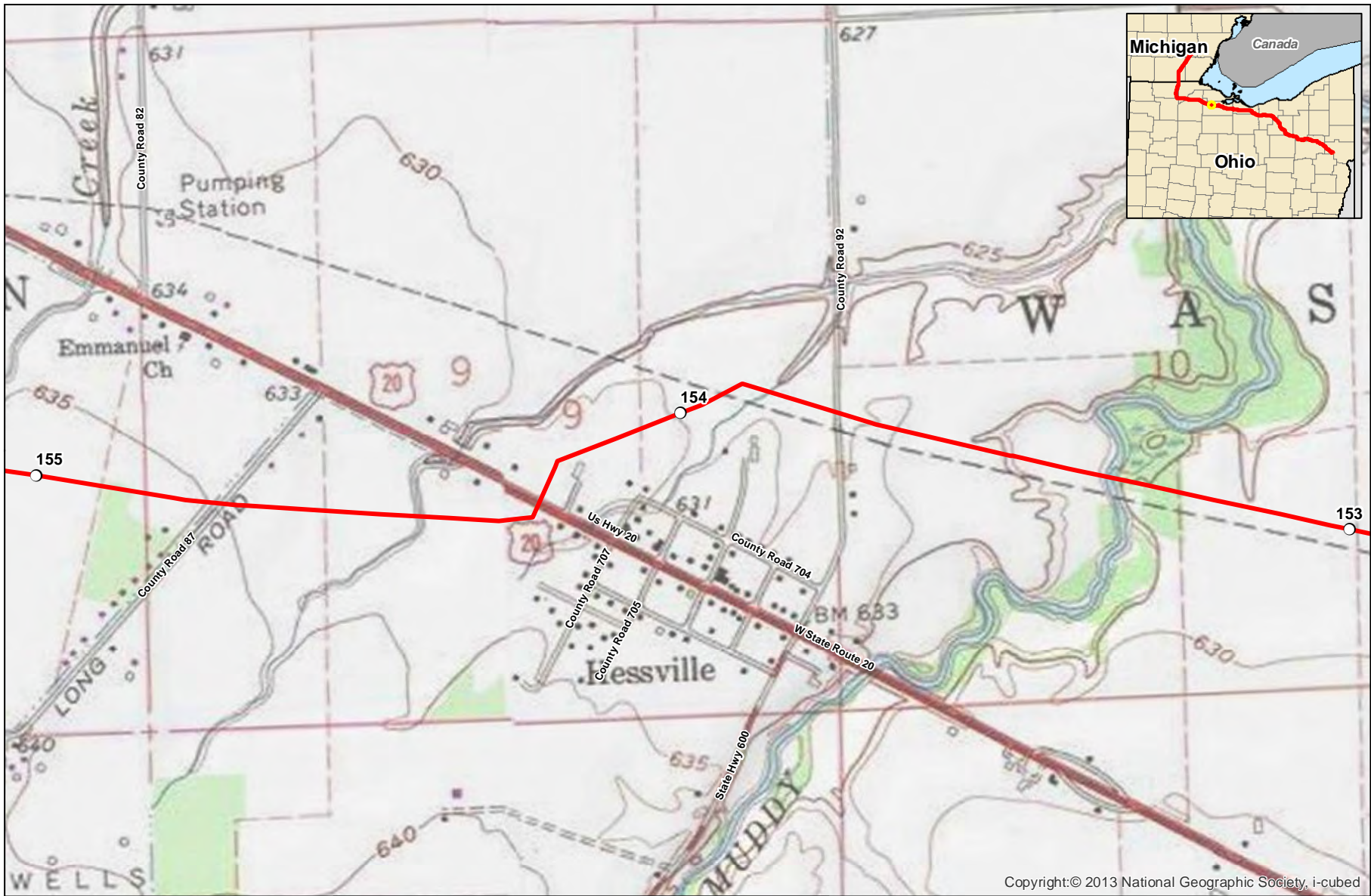


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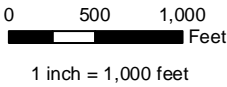


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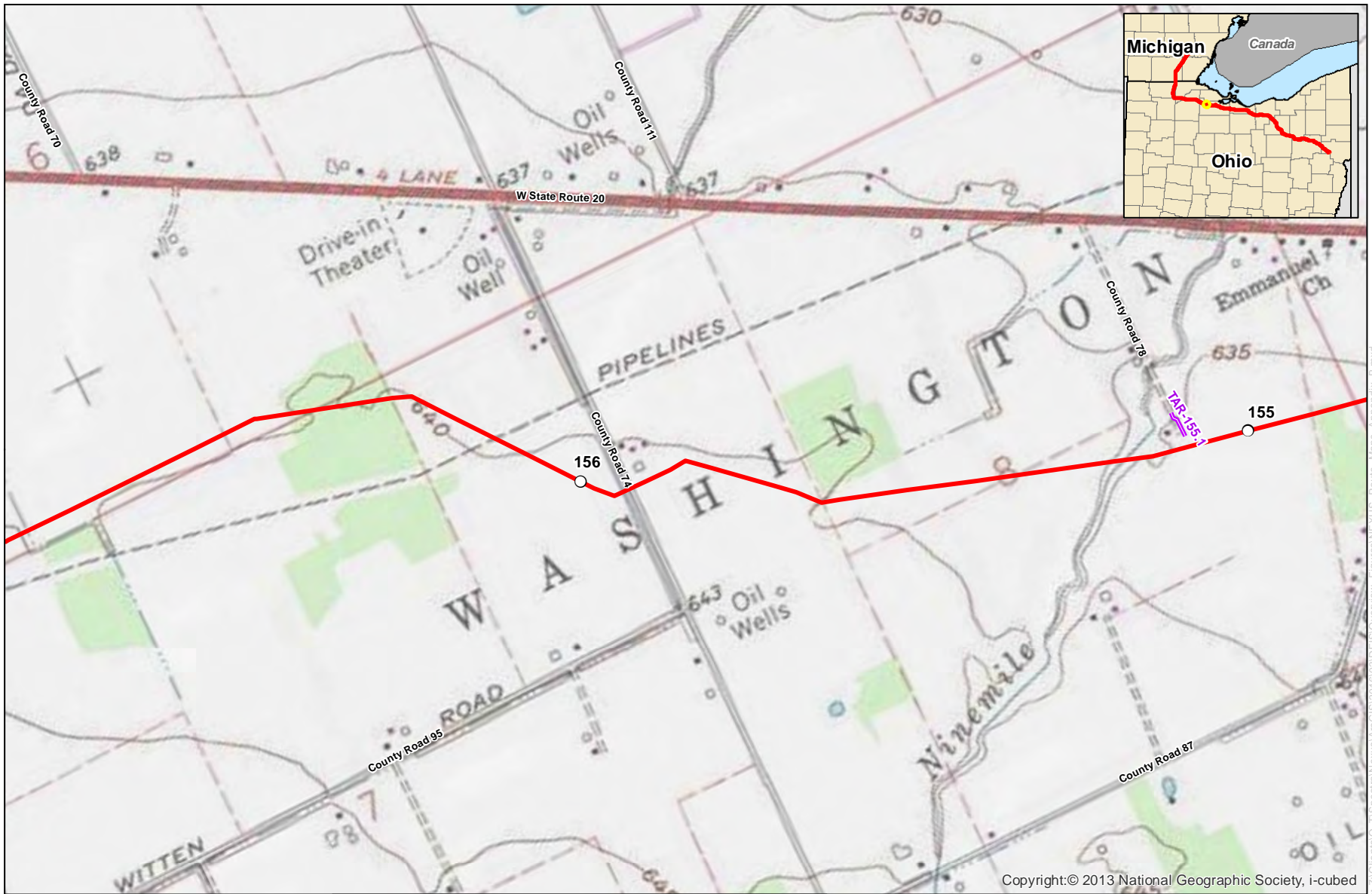


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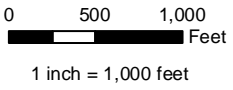


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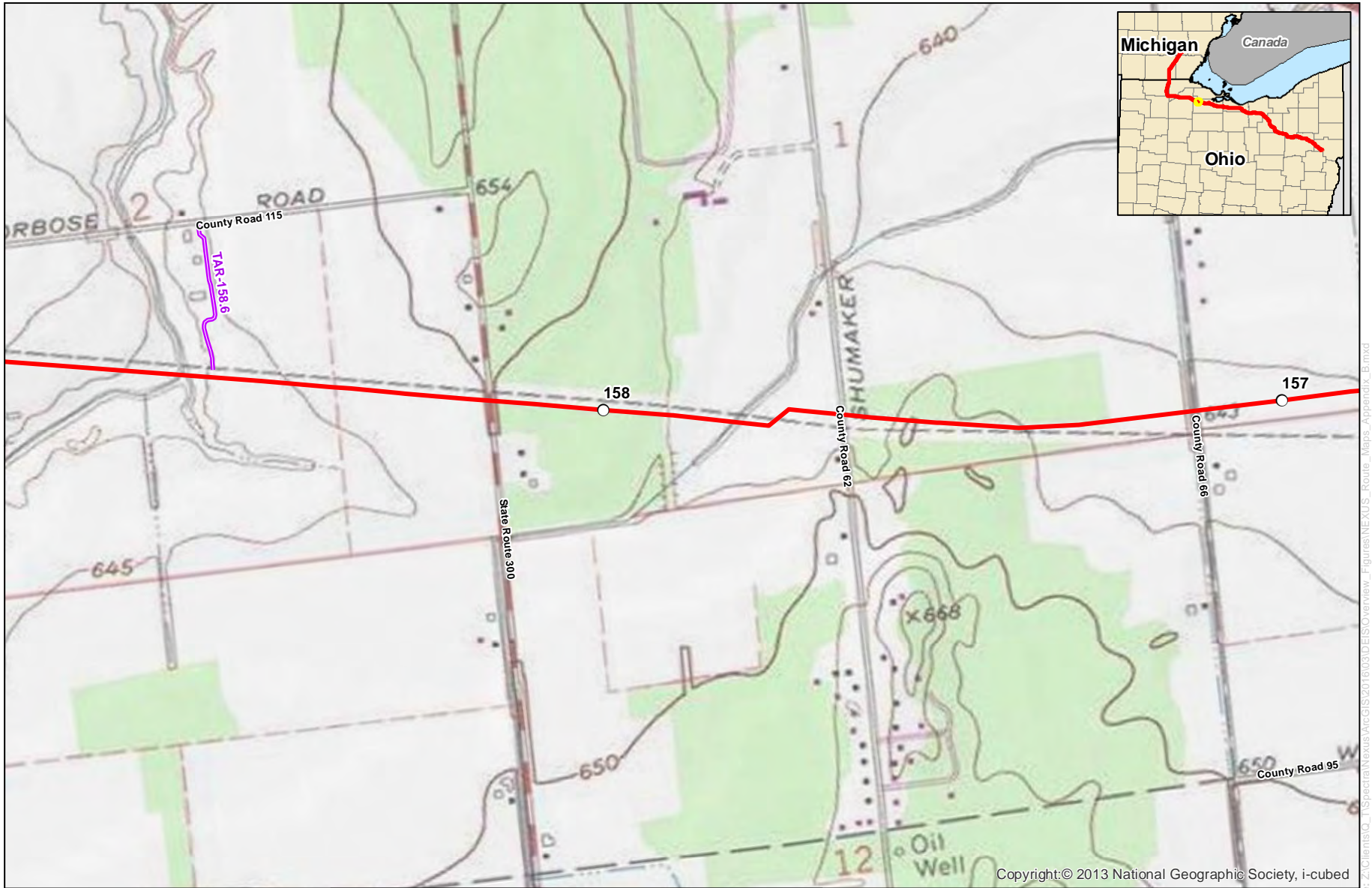


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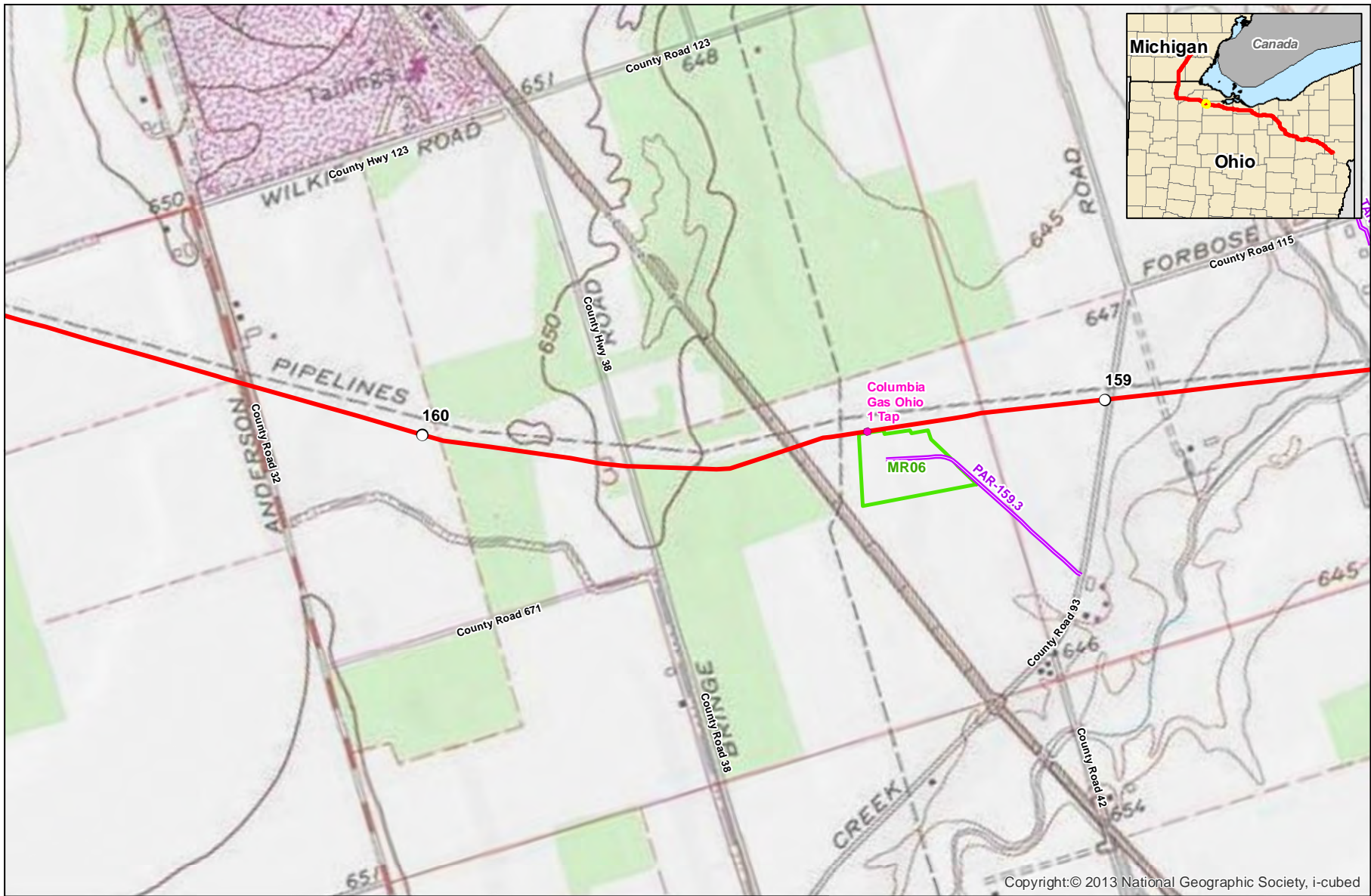


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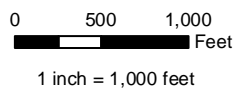


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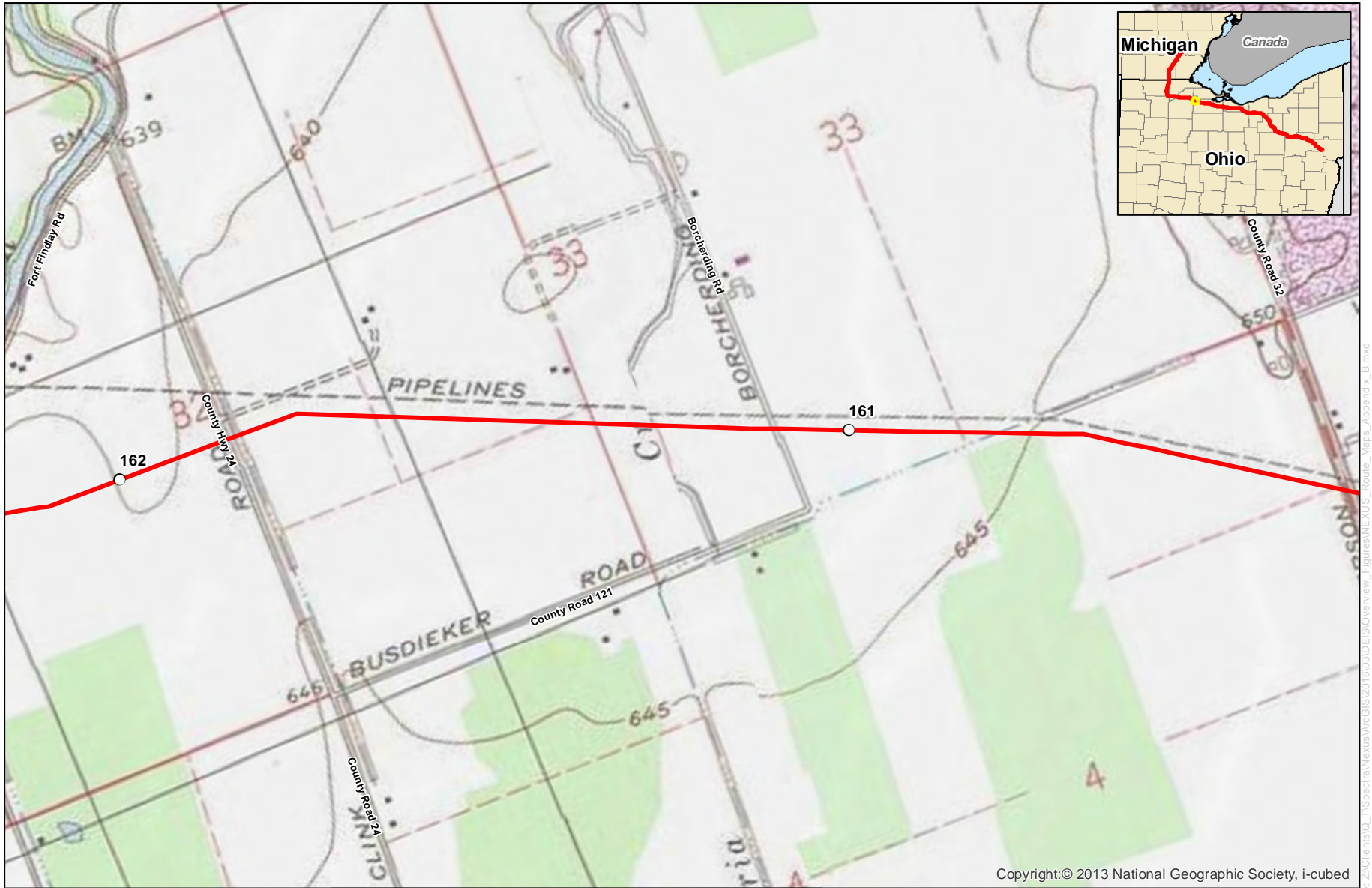


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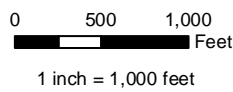


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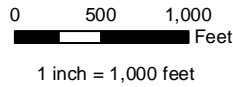


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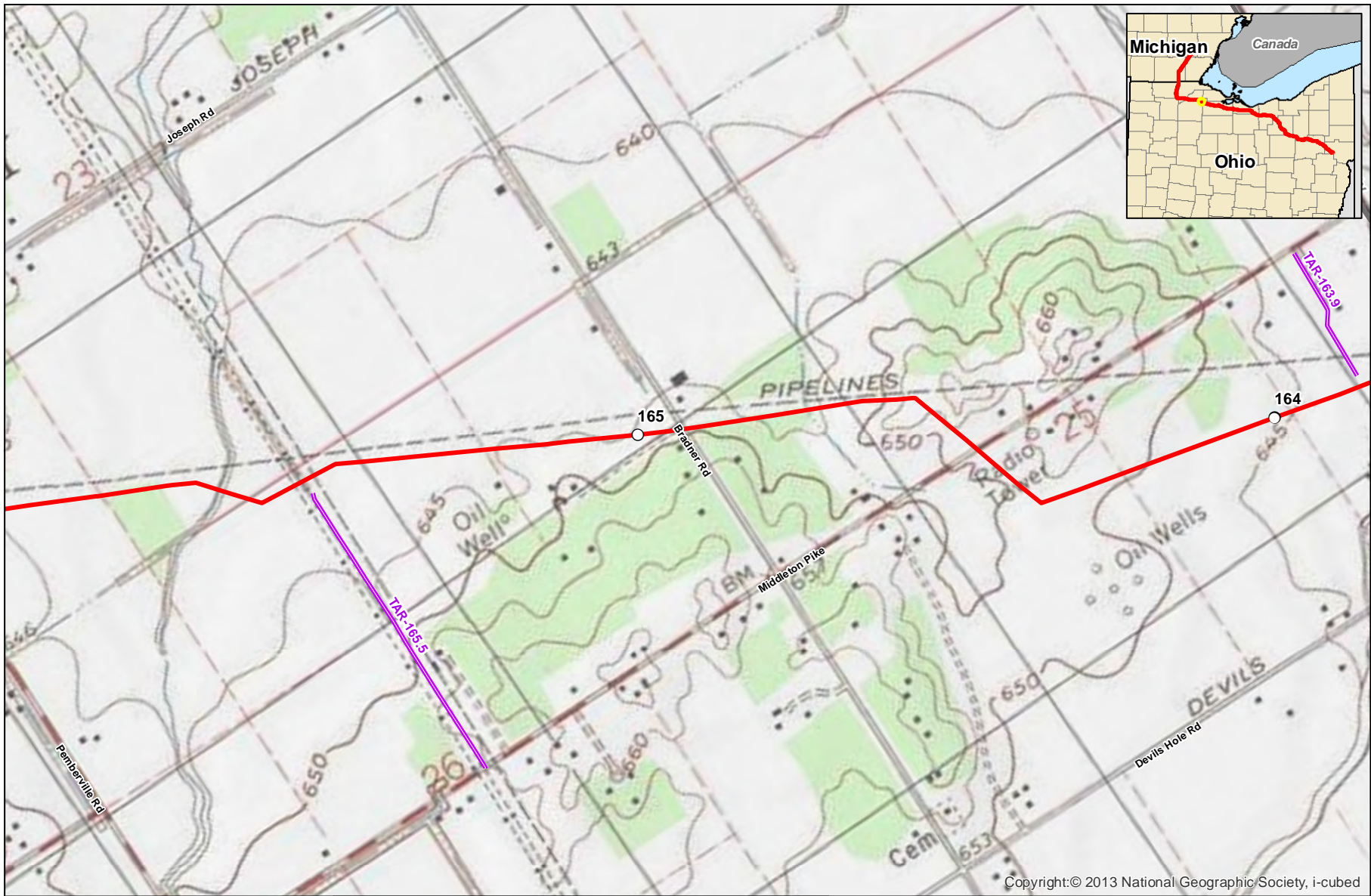


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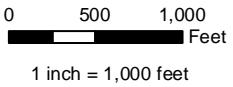


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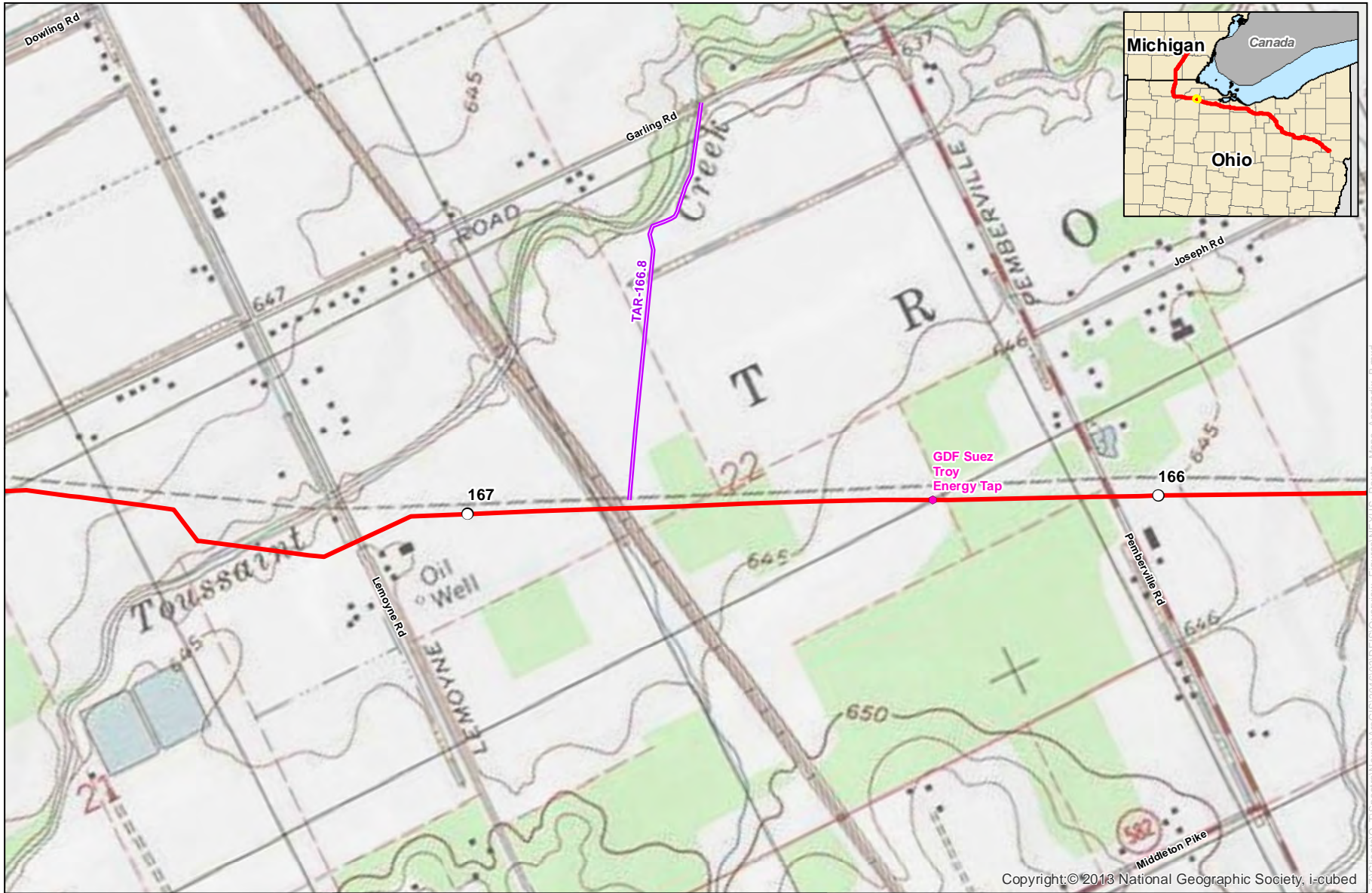


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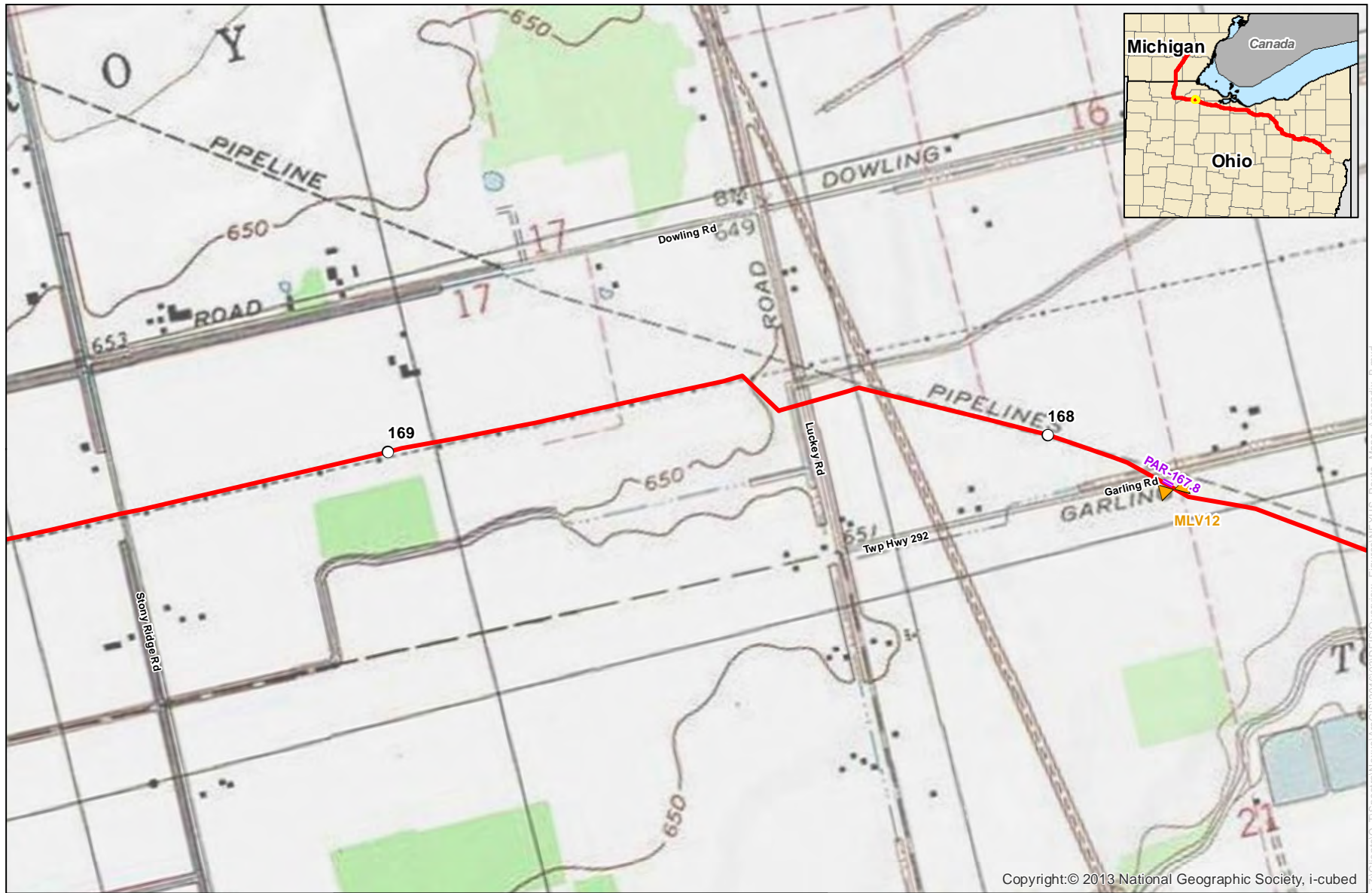


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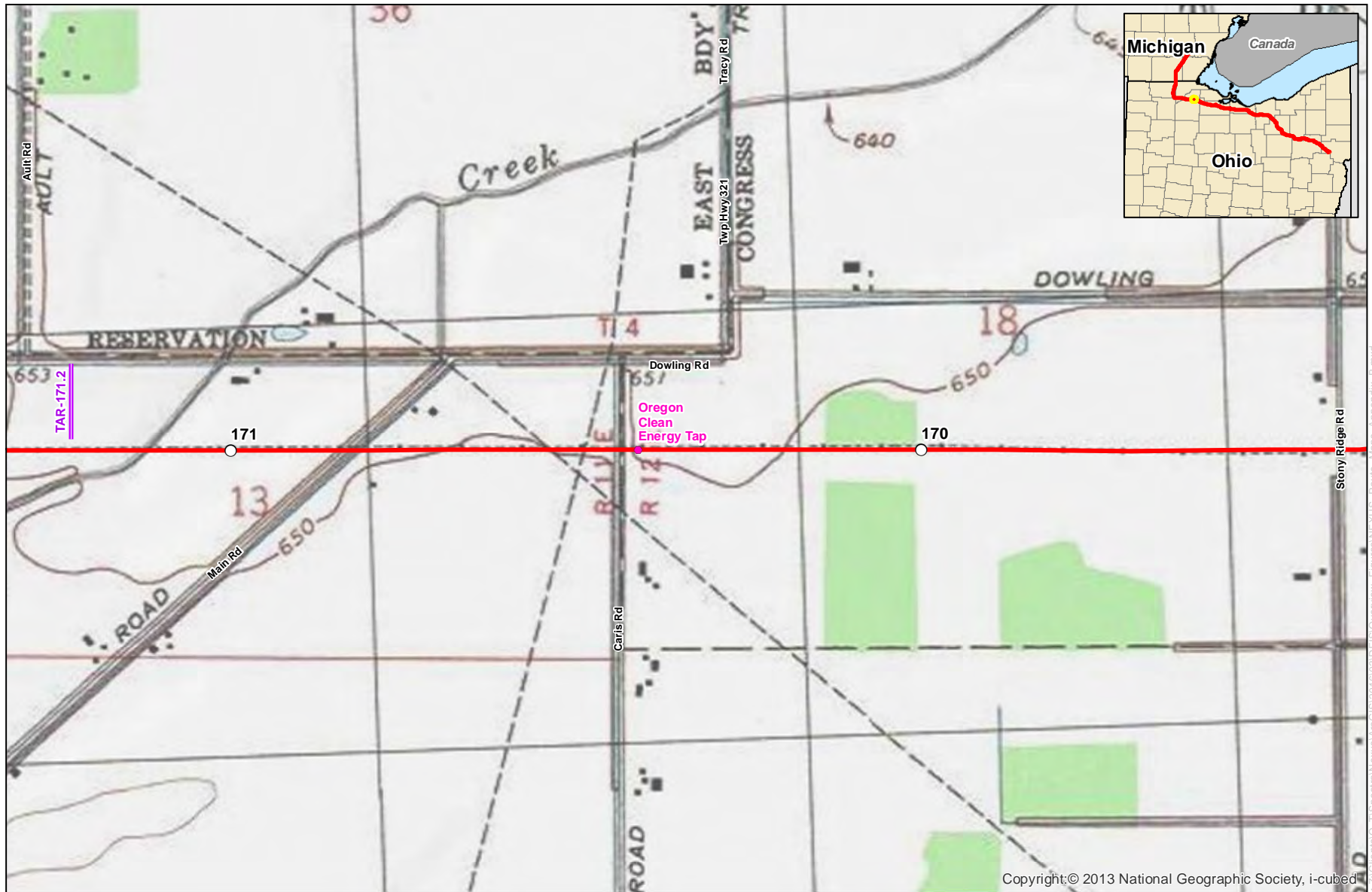


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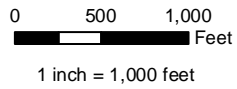


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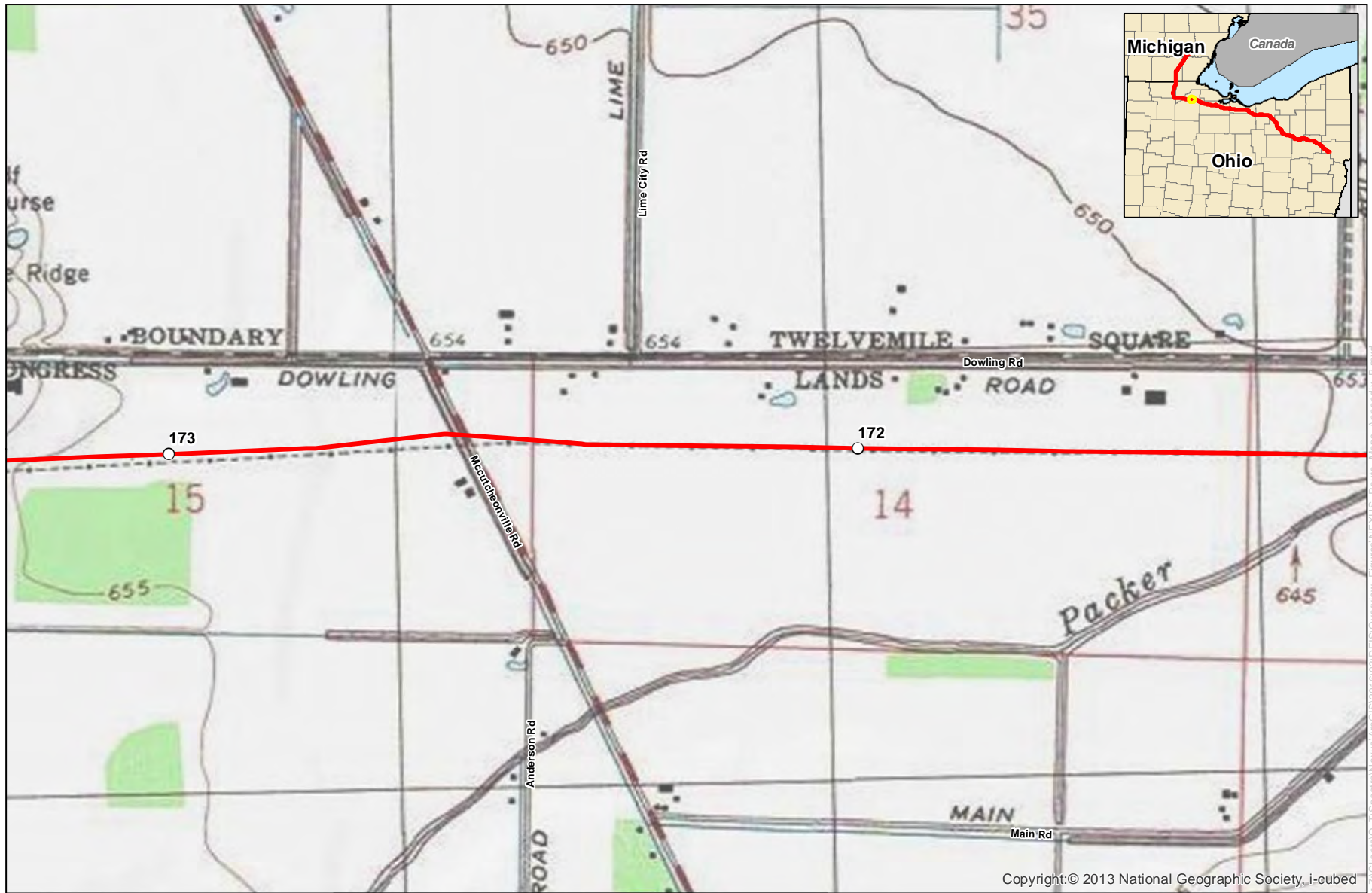


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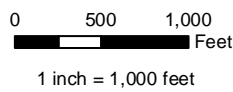


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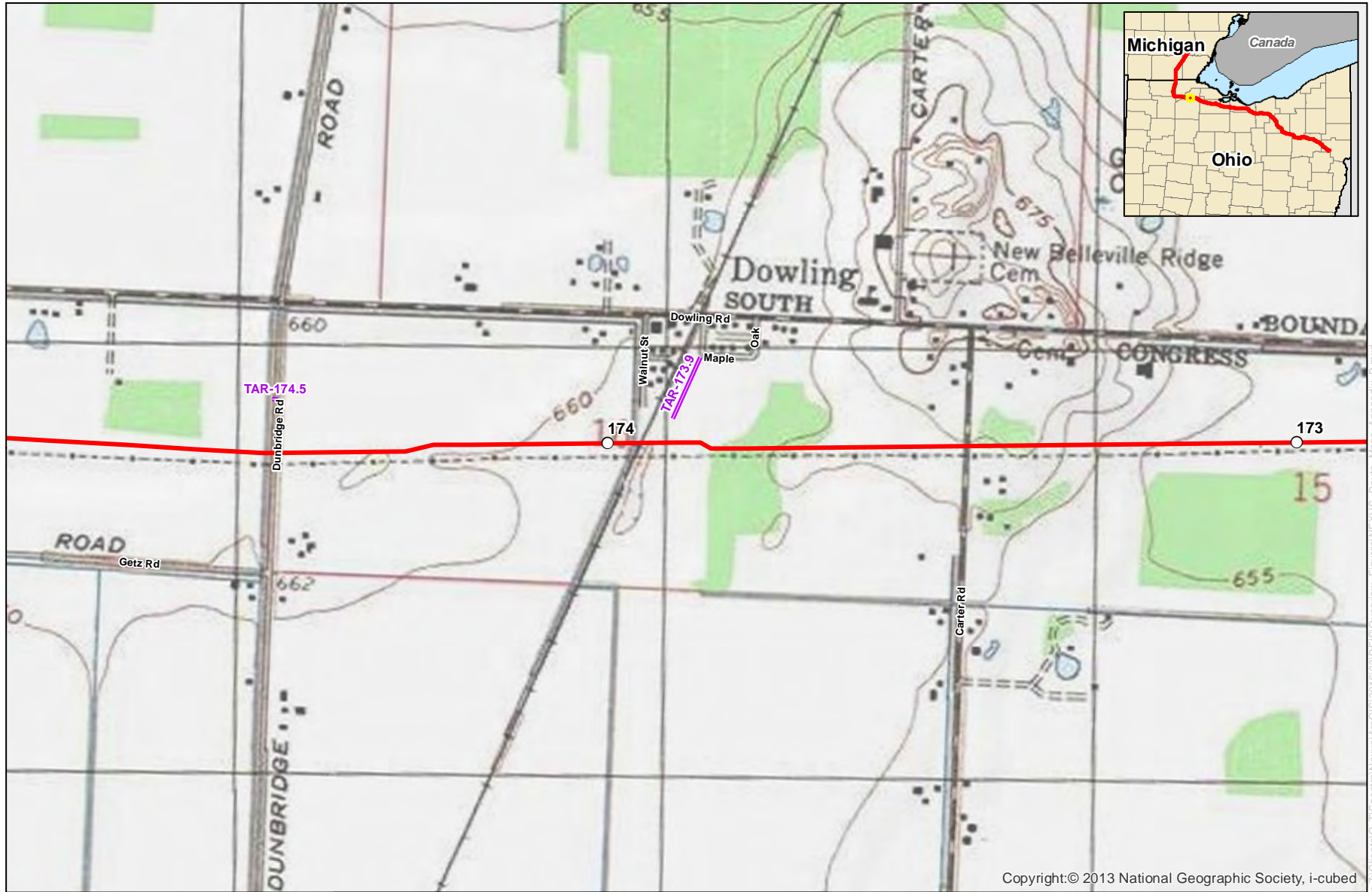


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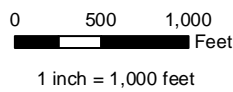


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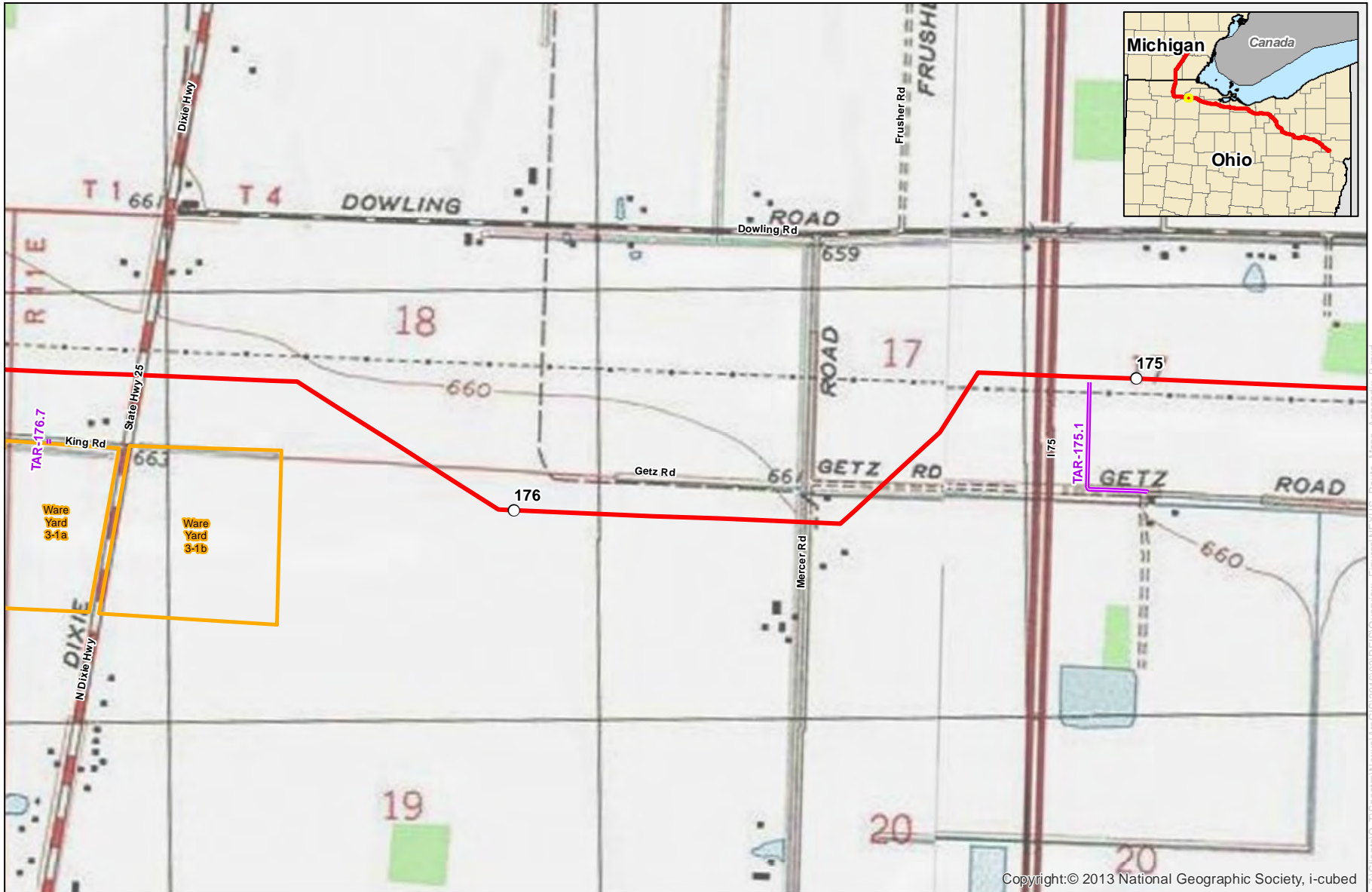


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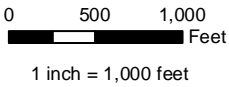


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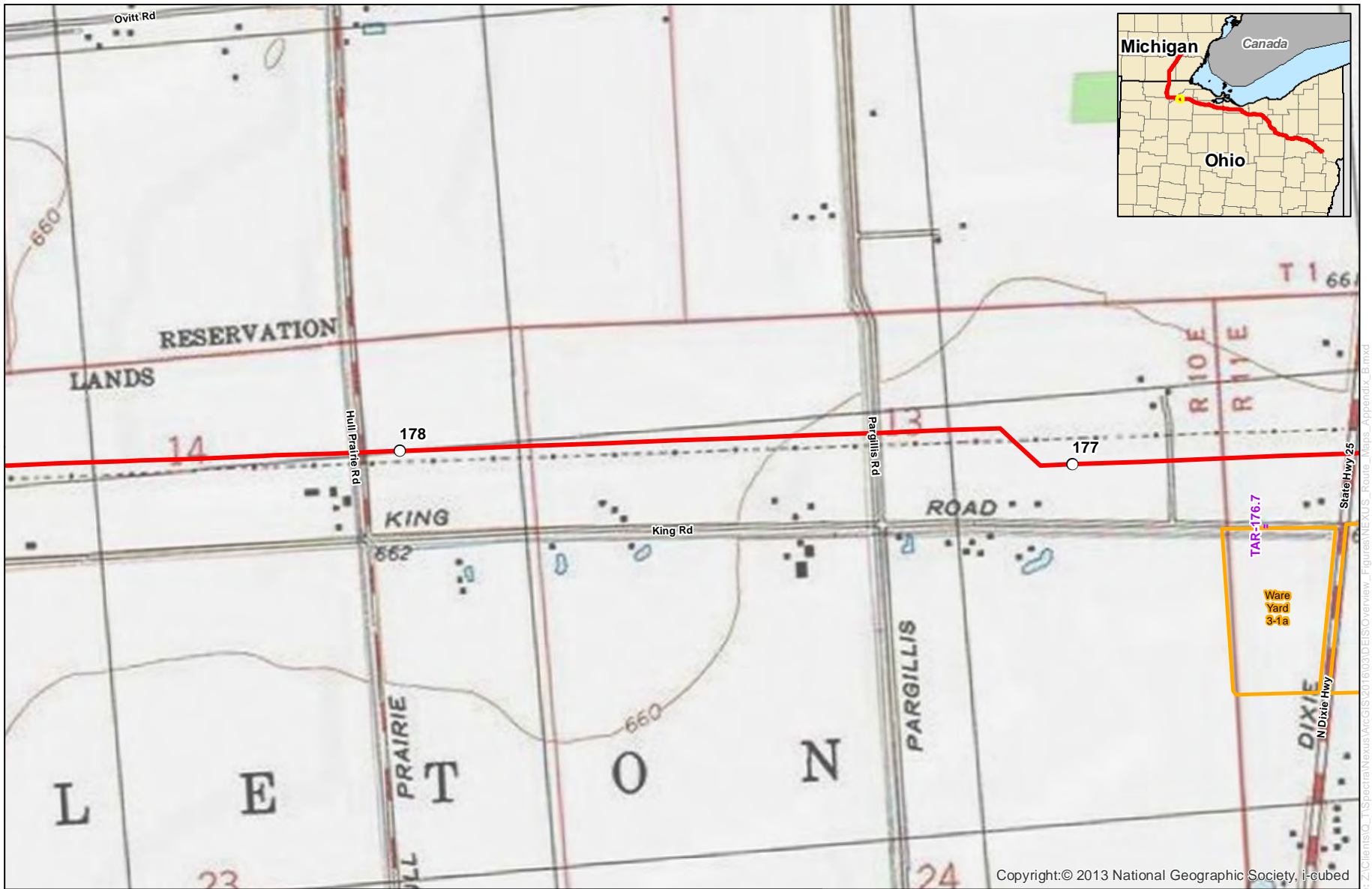


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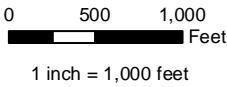


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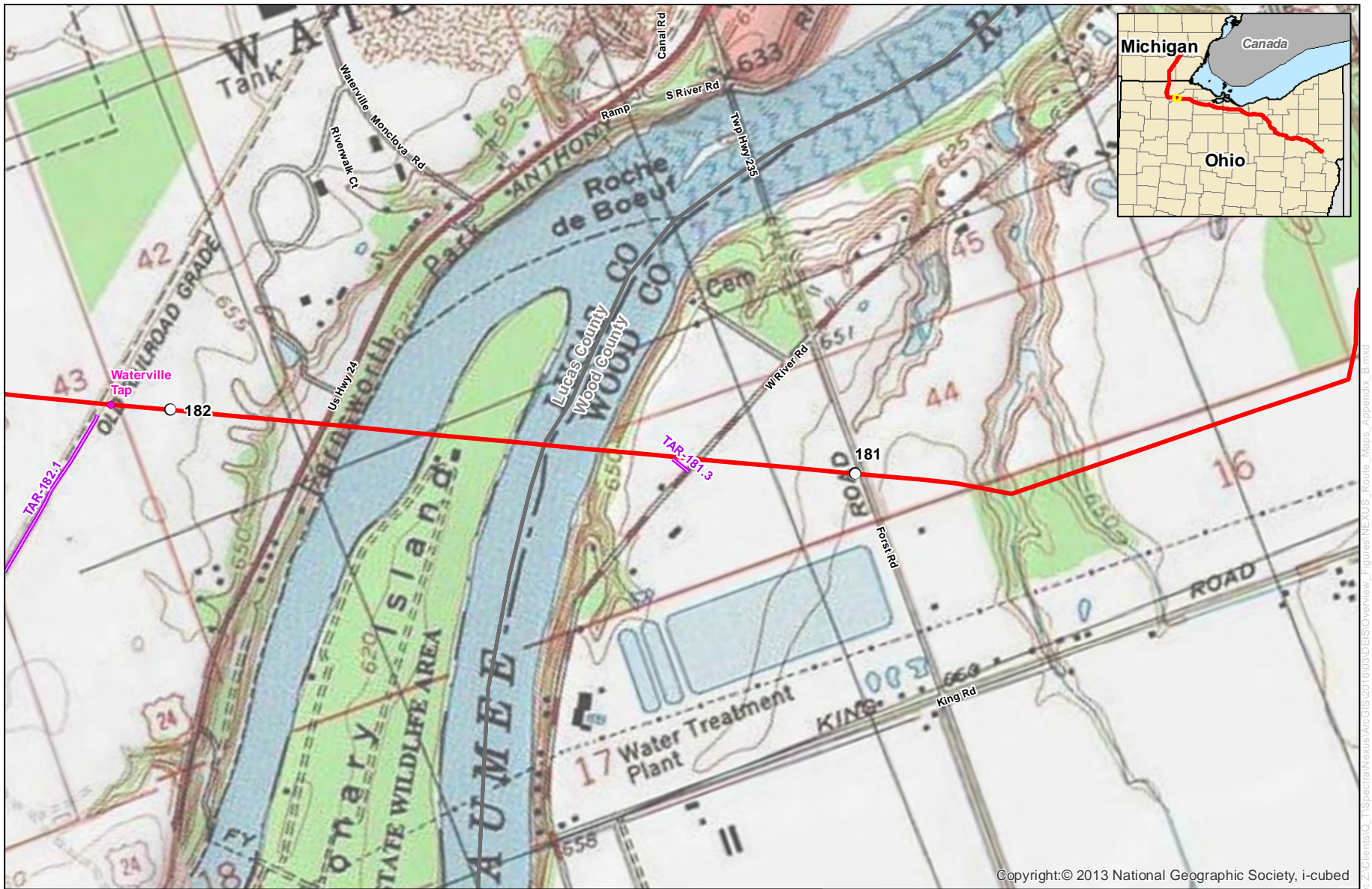


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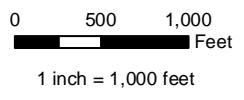


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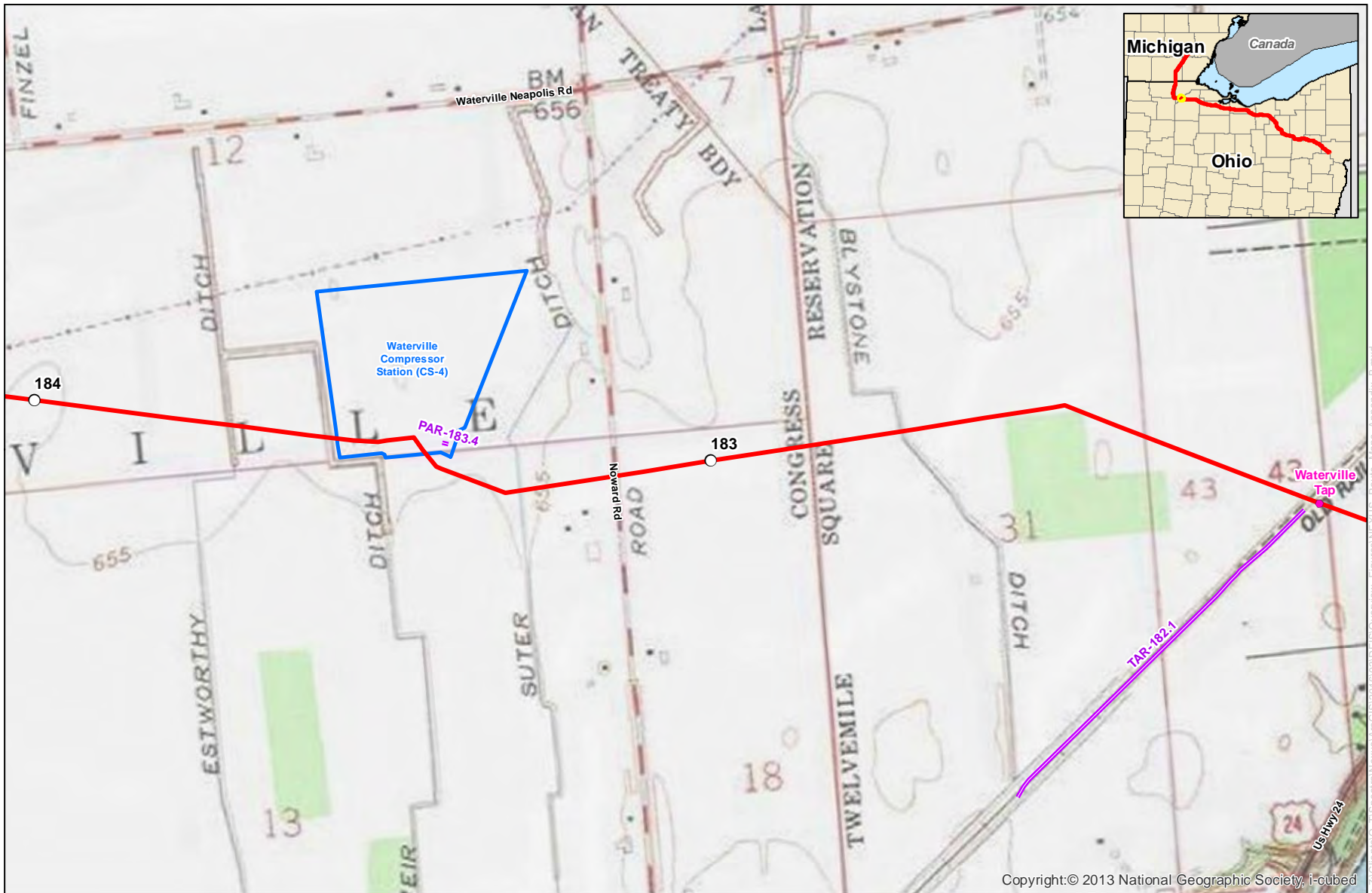


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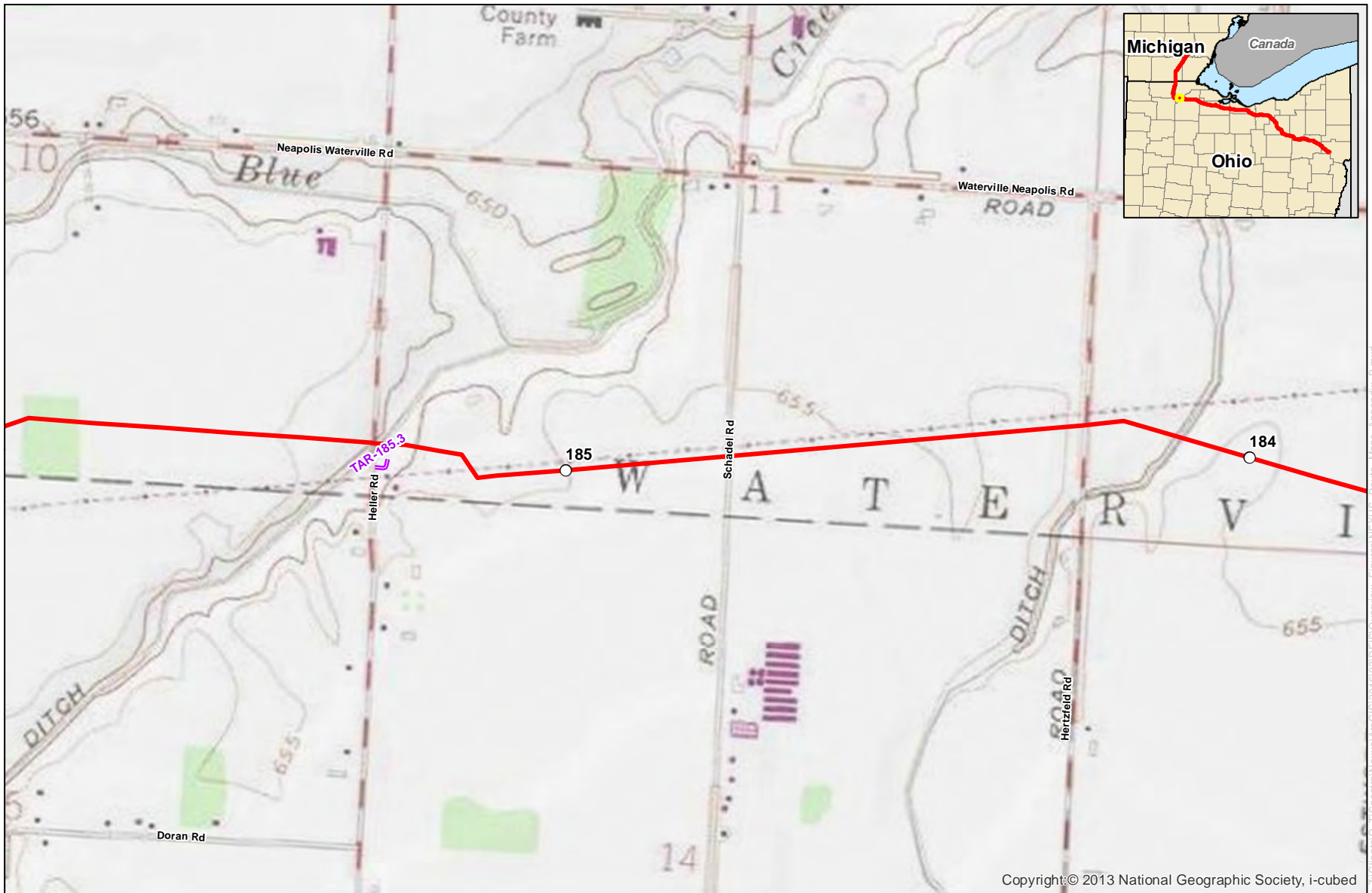


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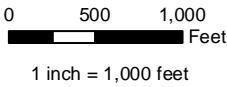


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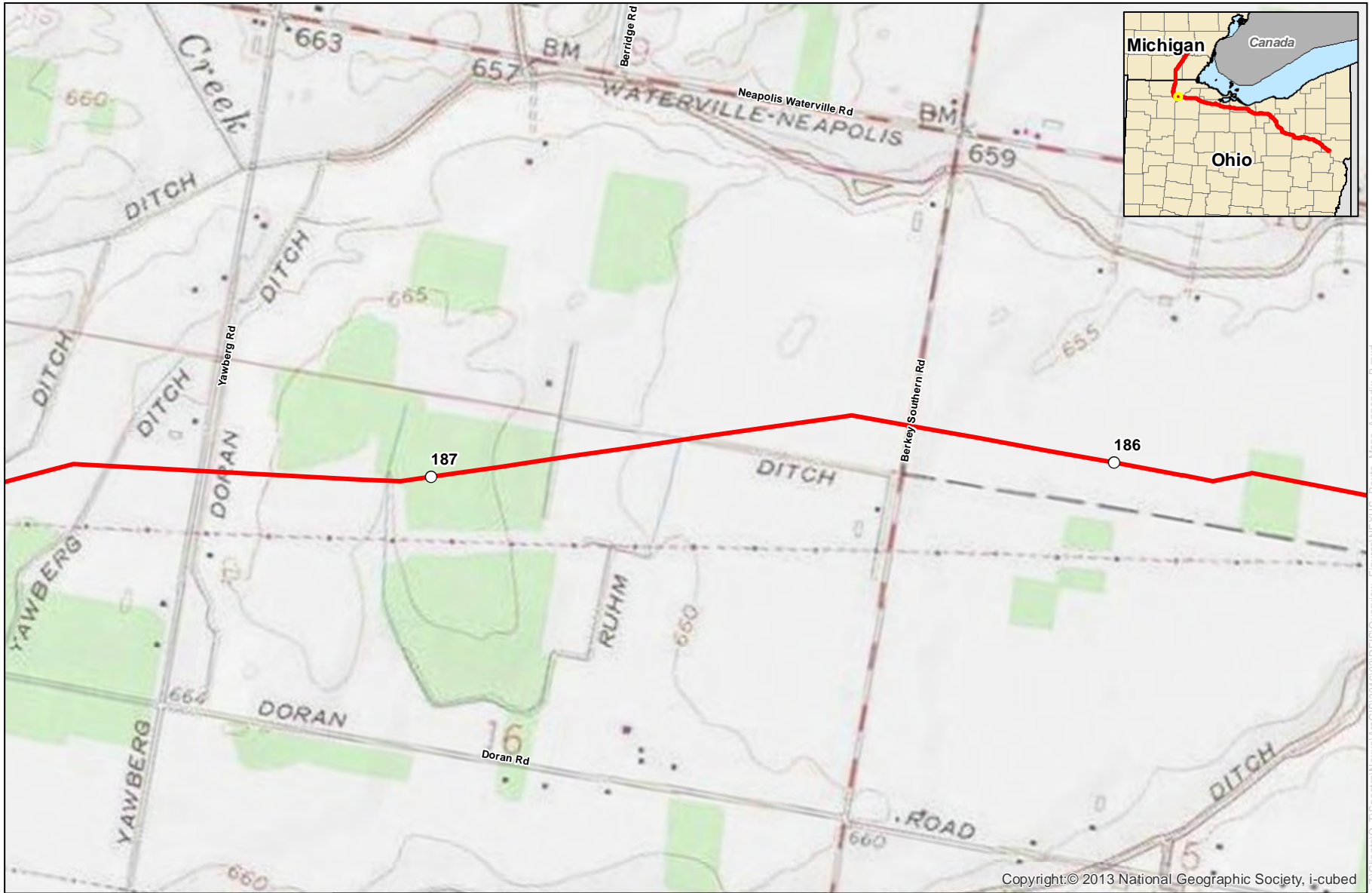


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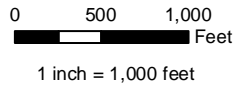


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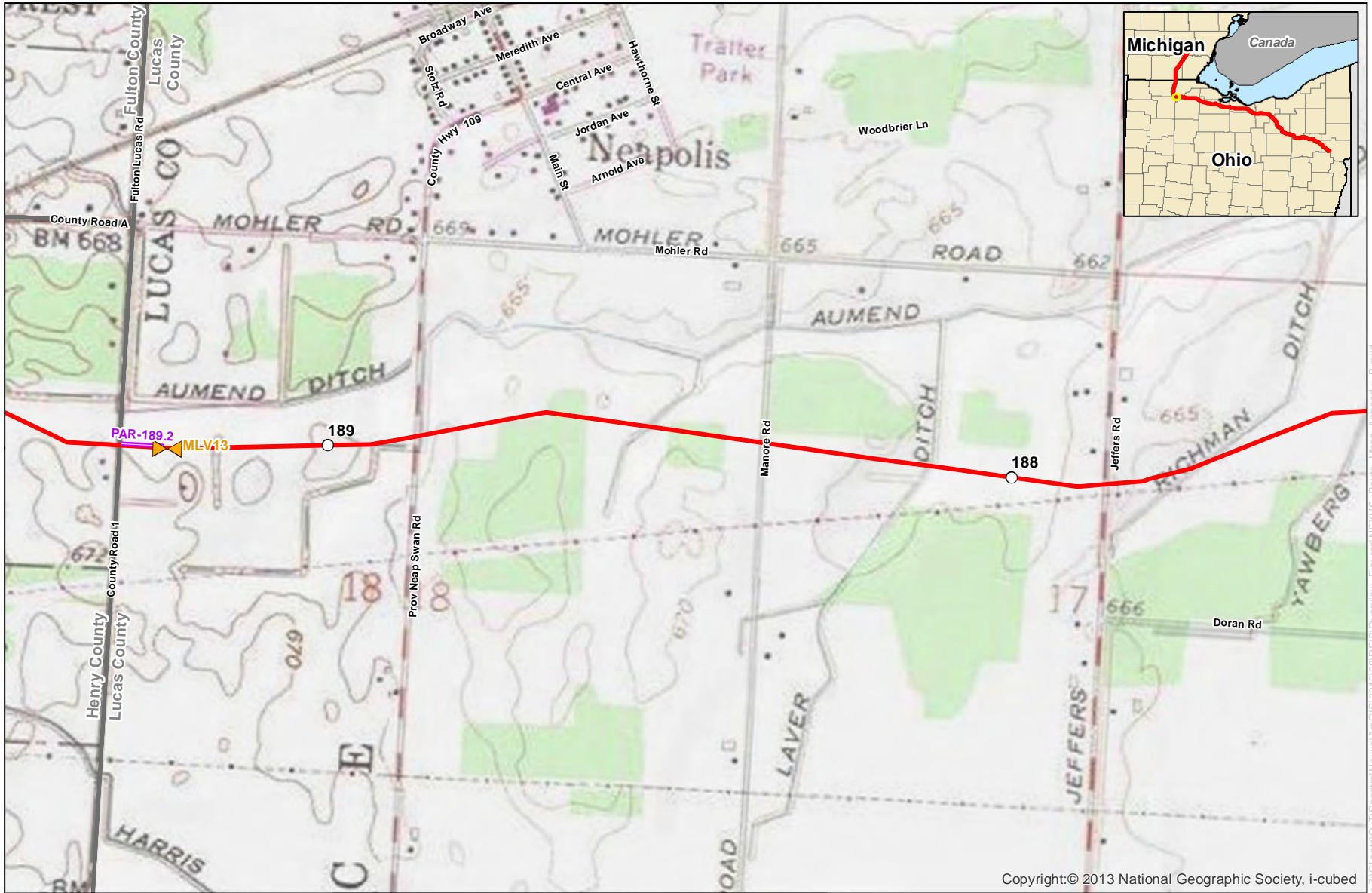


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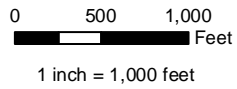


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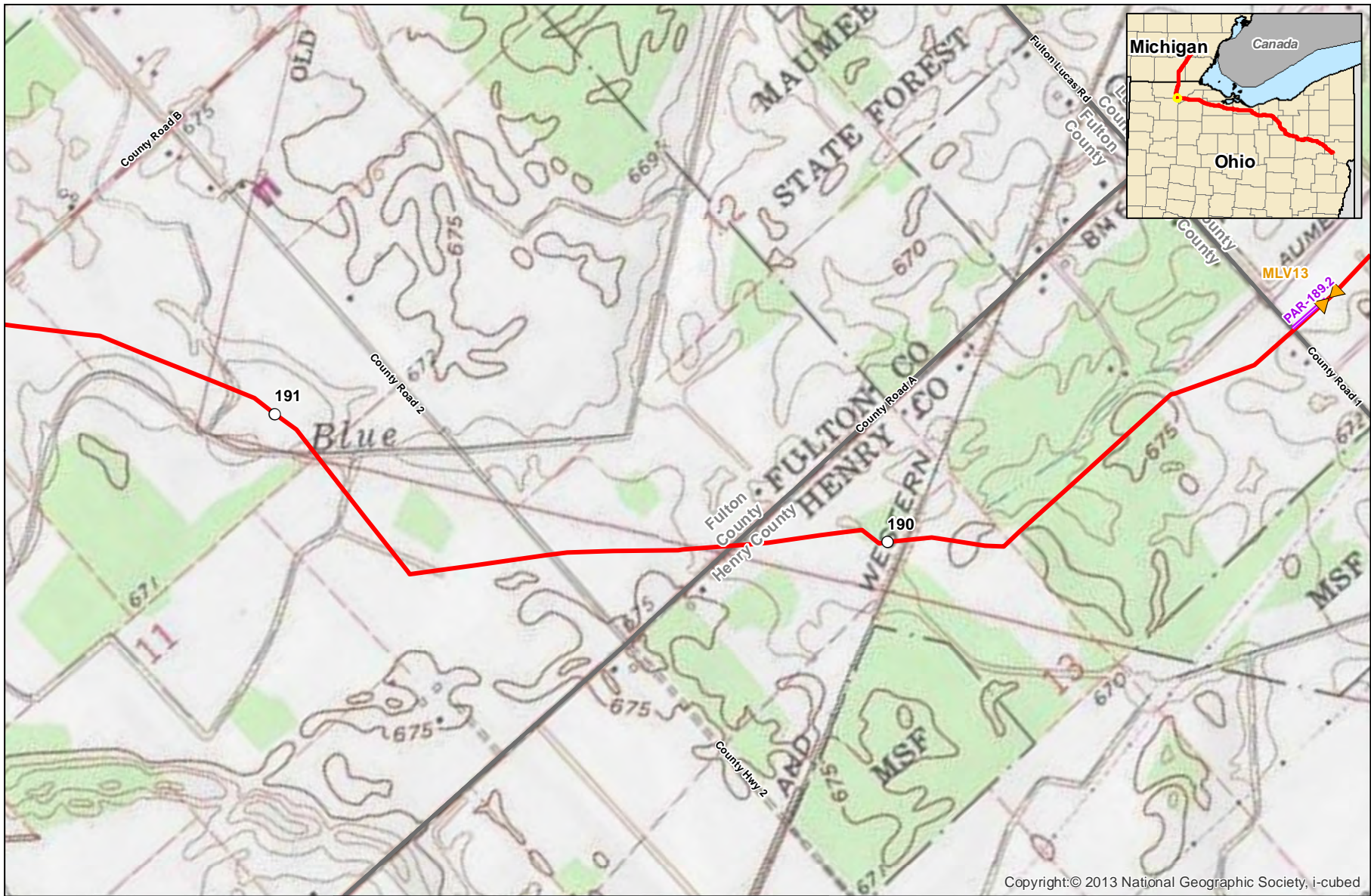


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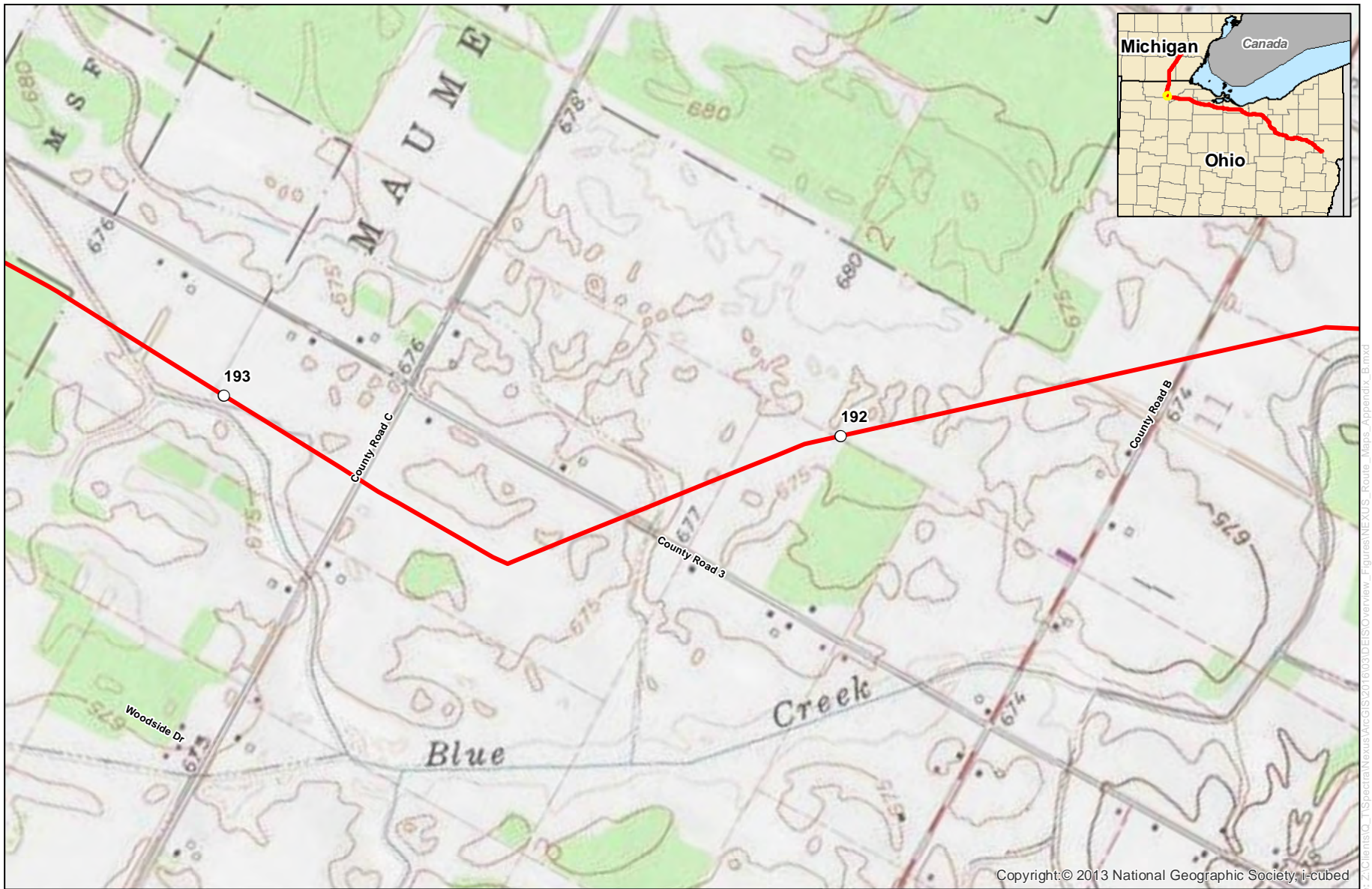


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- - - Proposed TEAL Connecting Pipeline
- Proposed TGP Interconnect
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- Proposed Ware Yard
- M&R Station

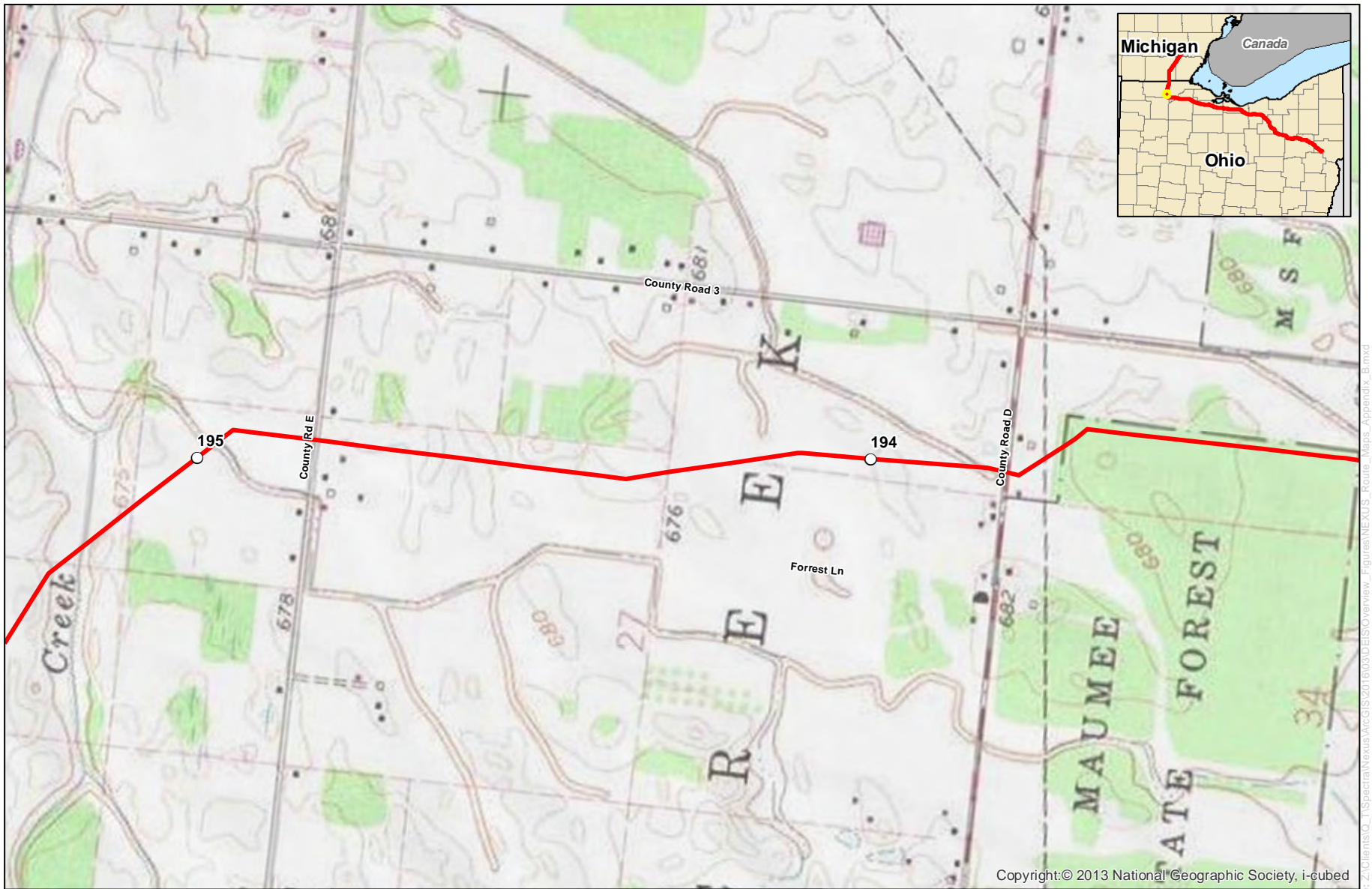


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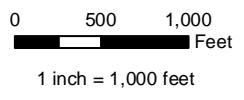


Appendix B-1 NGT Project Route Map

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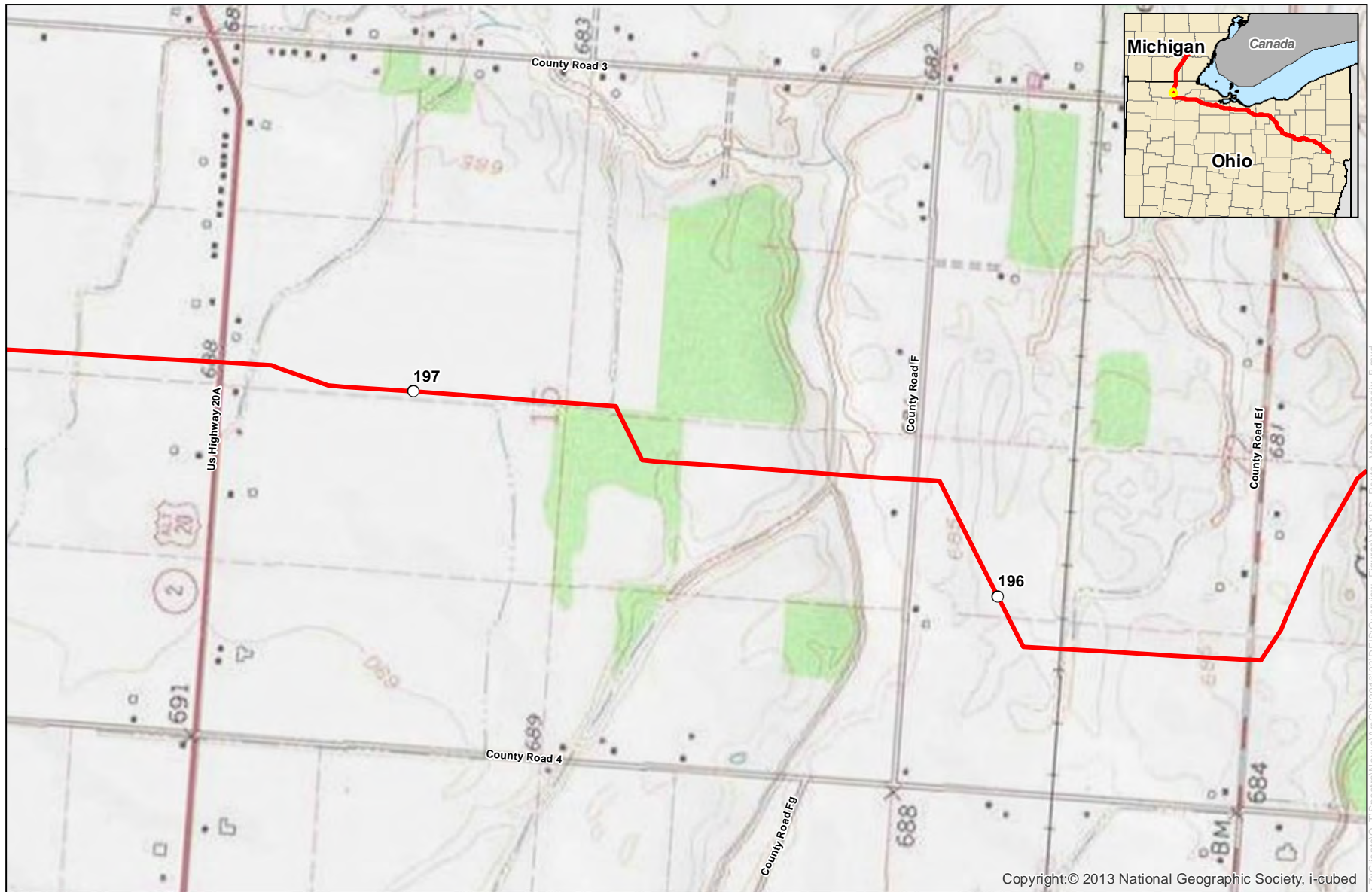


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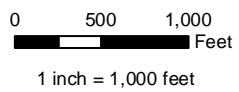


Appendix B-1 NGT Project Route Map

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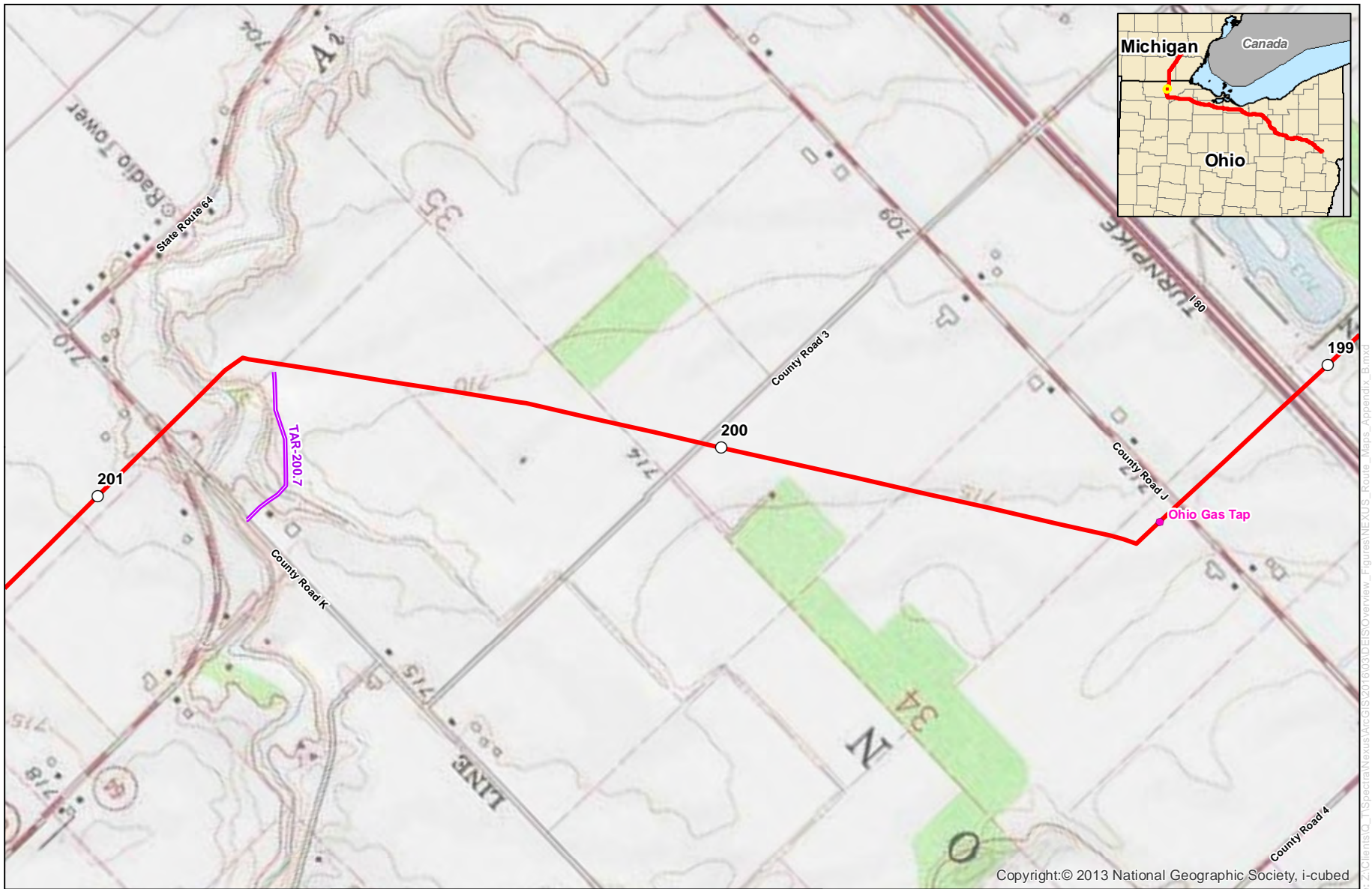


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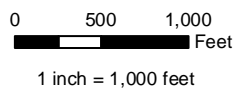


Appendix B-1 NGT Project Route Map

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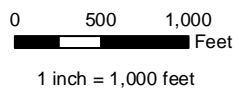
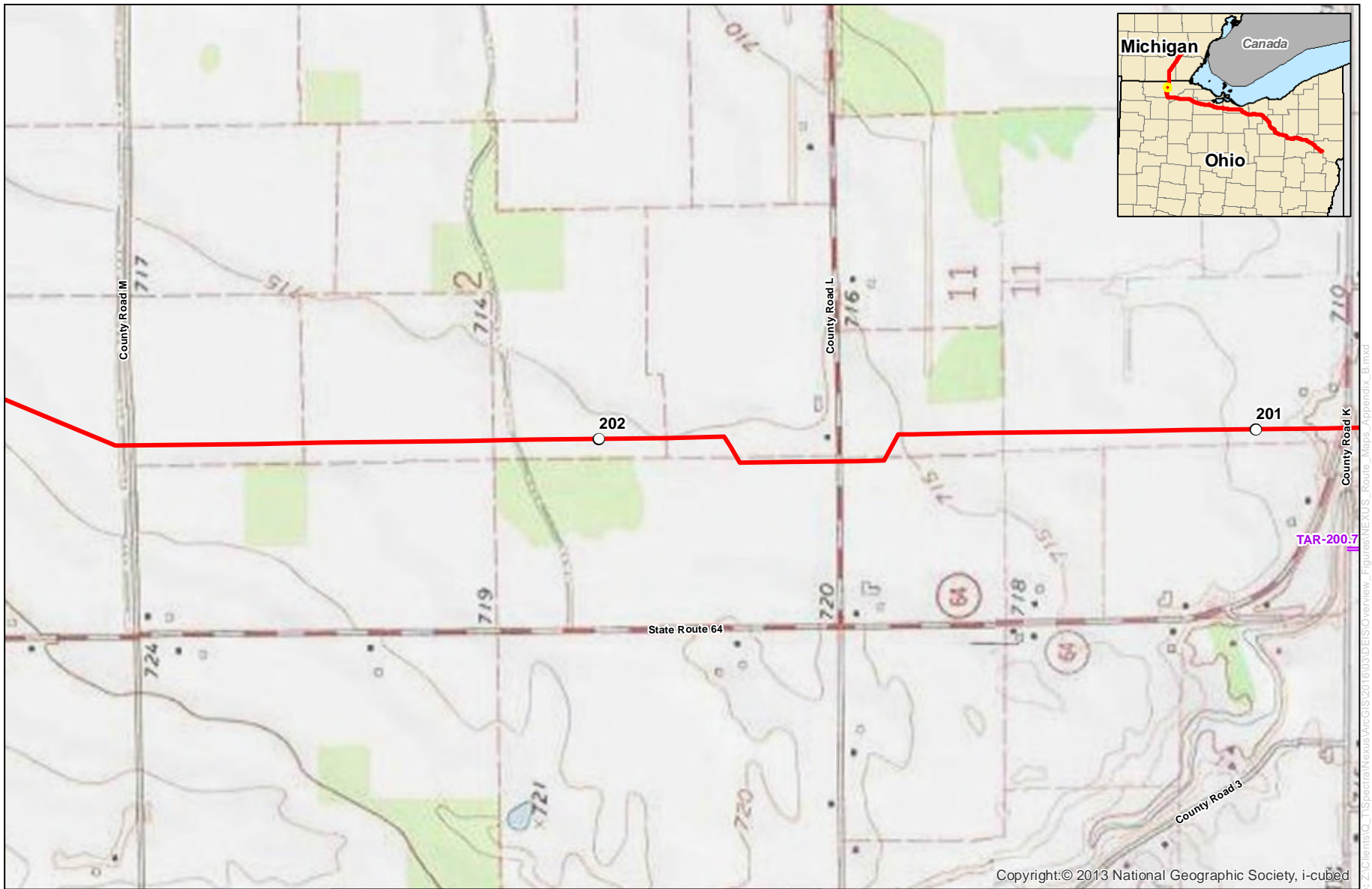


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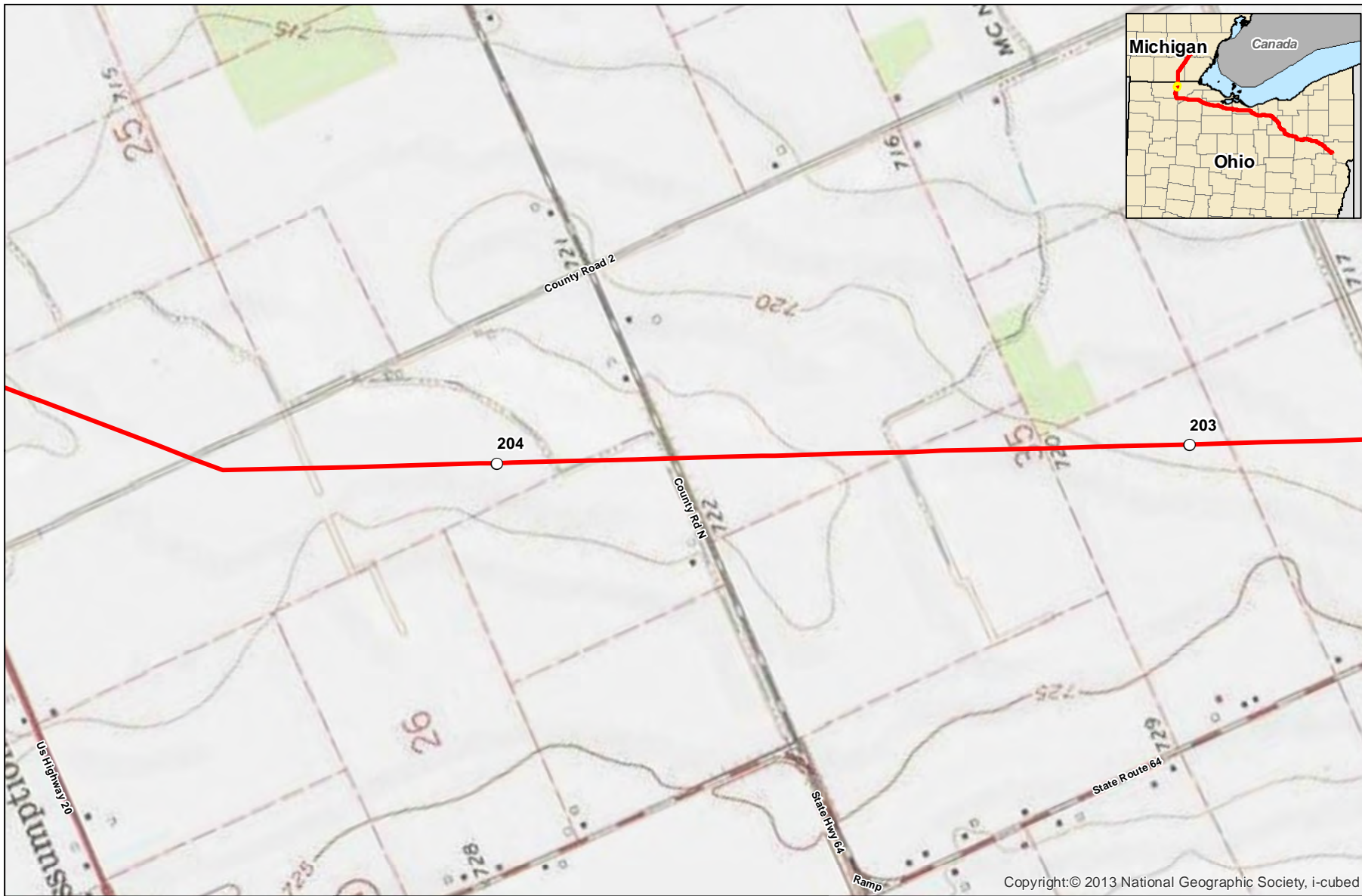
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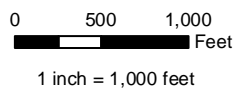


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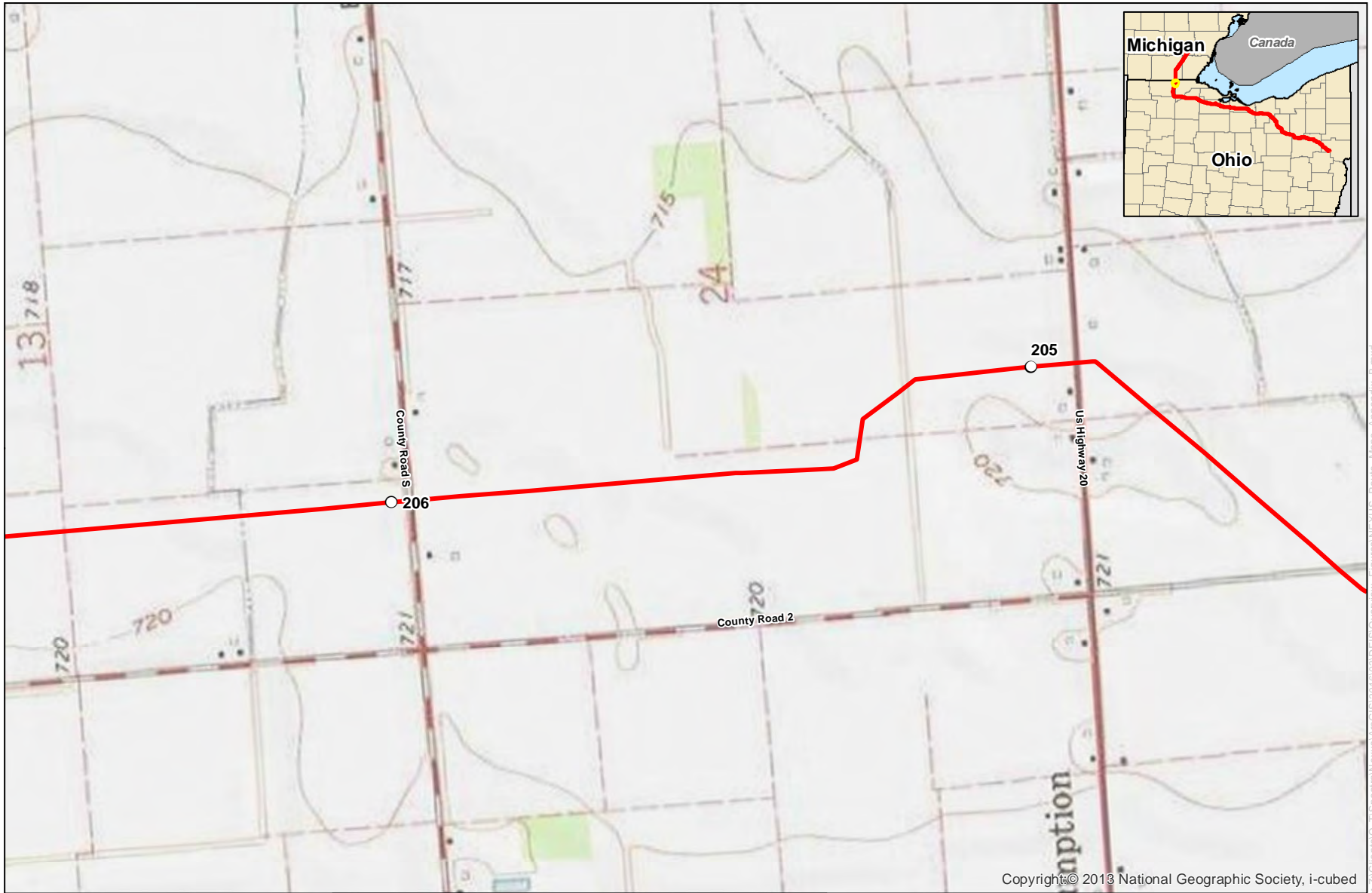


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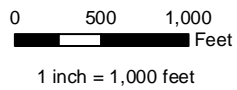


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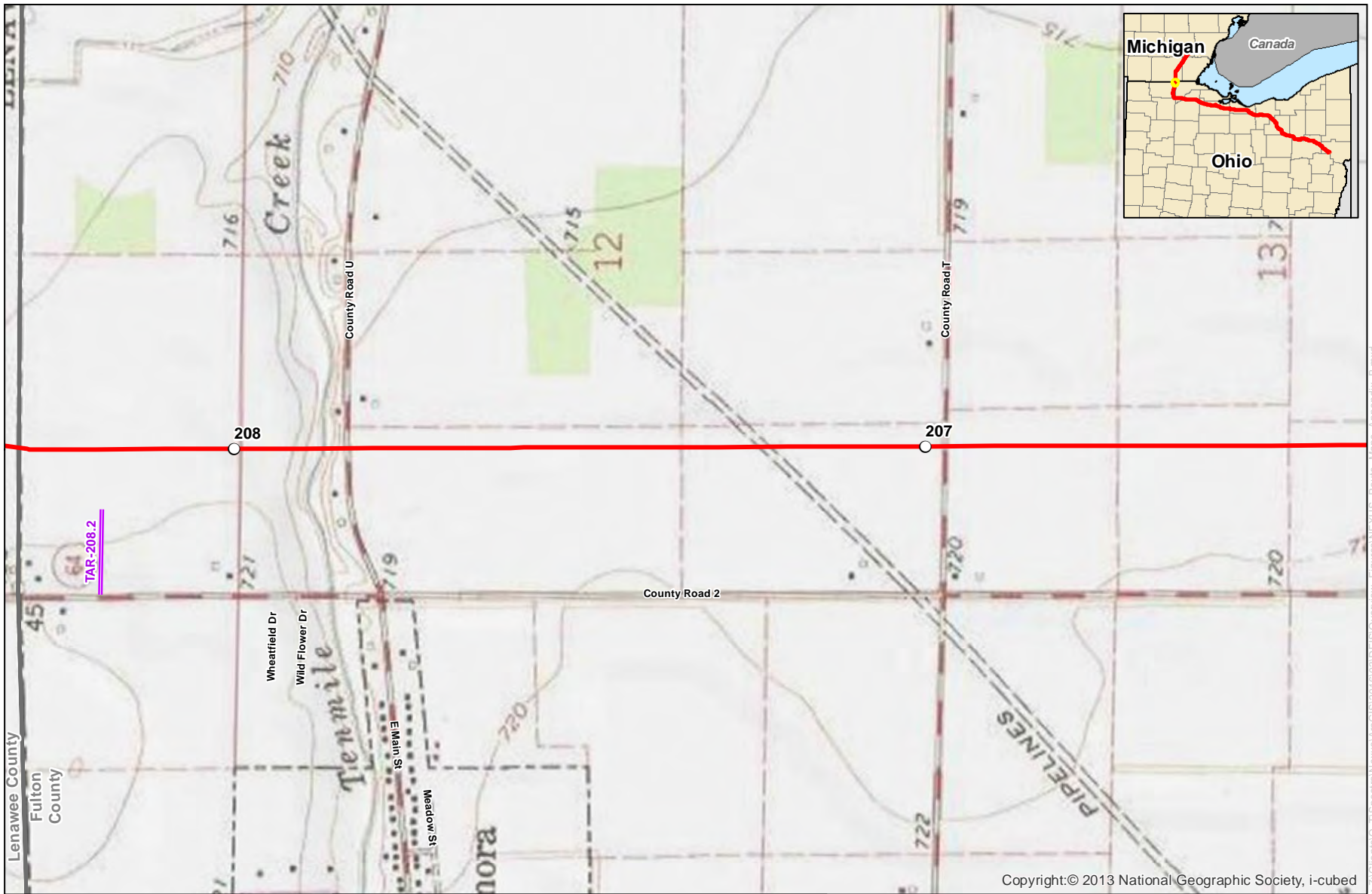


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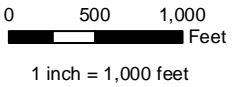


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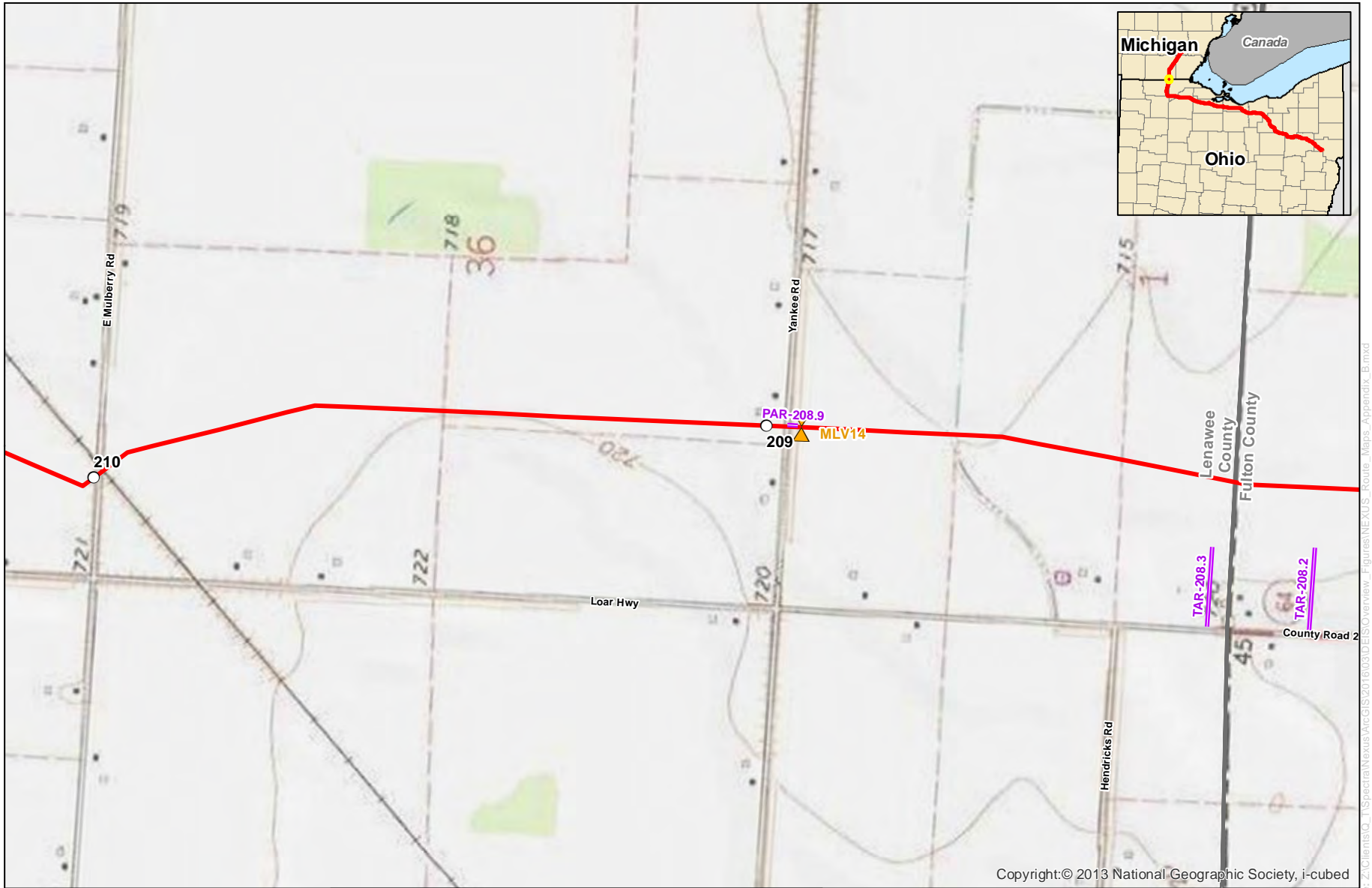


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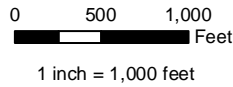


Appendix B-1 NGT Project Route Map

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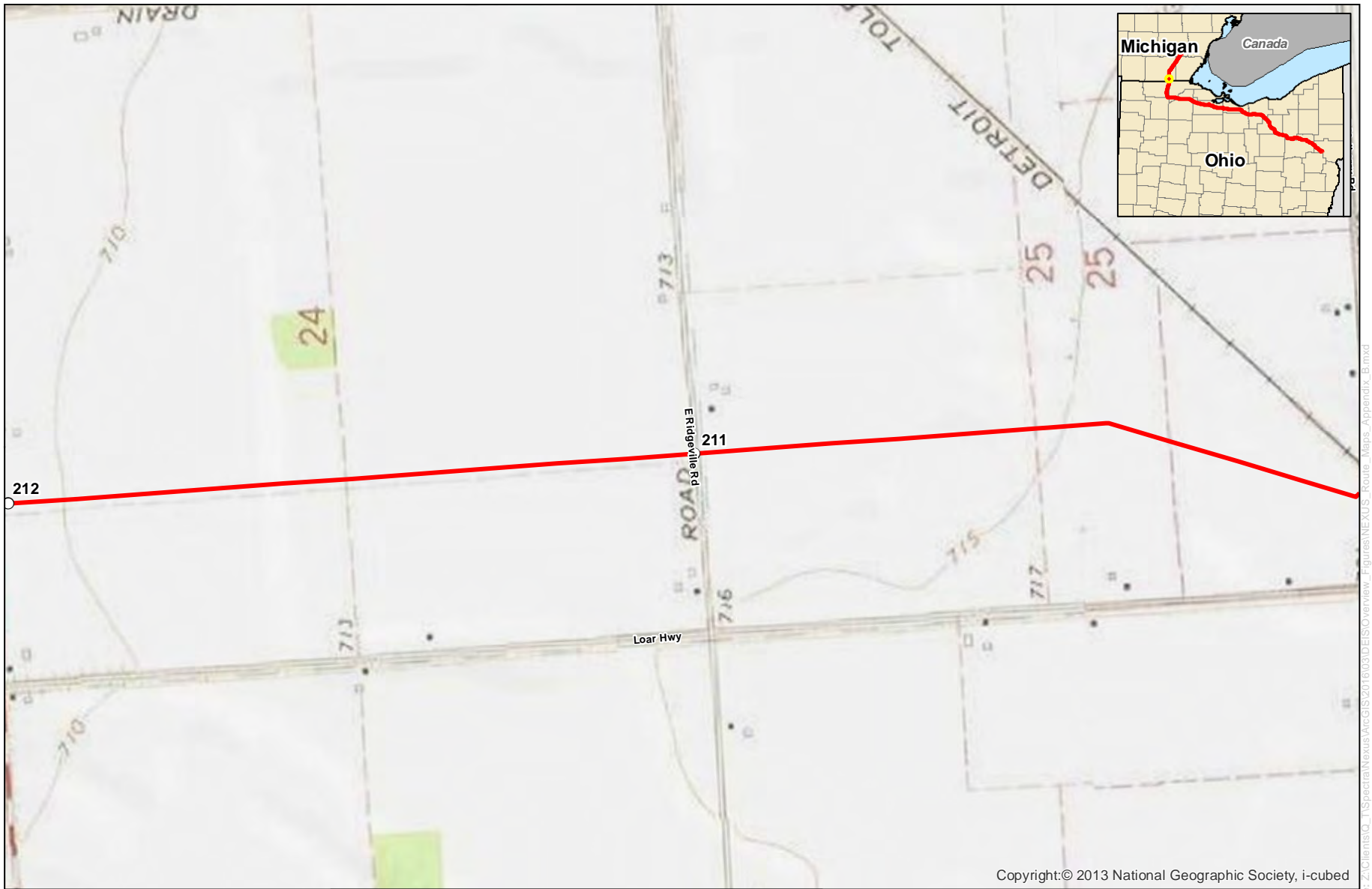


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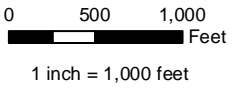


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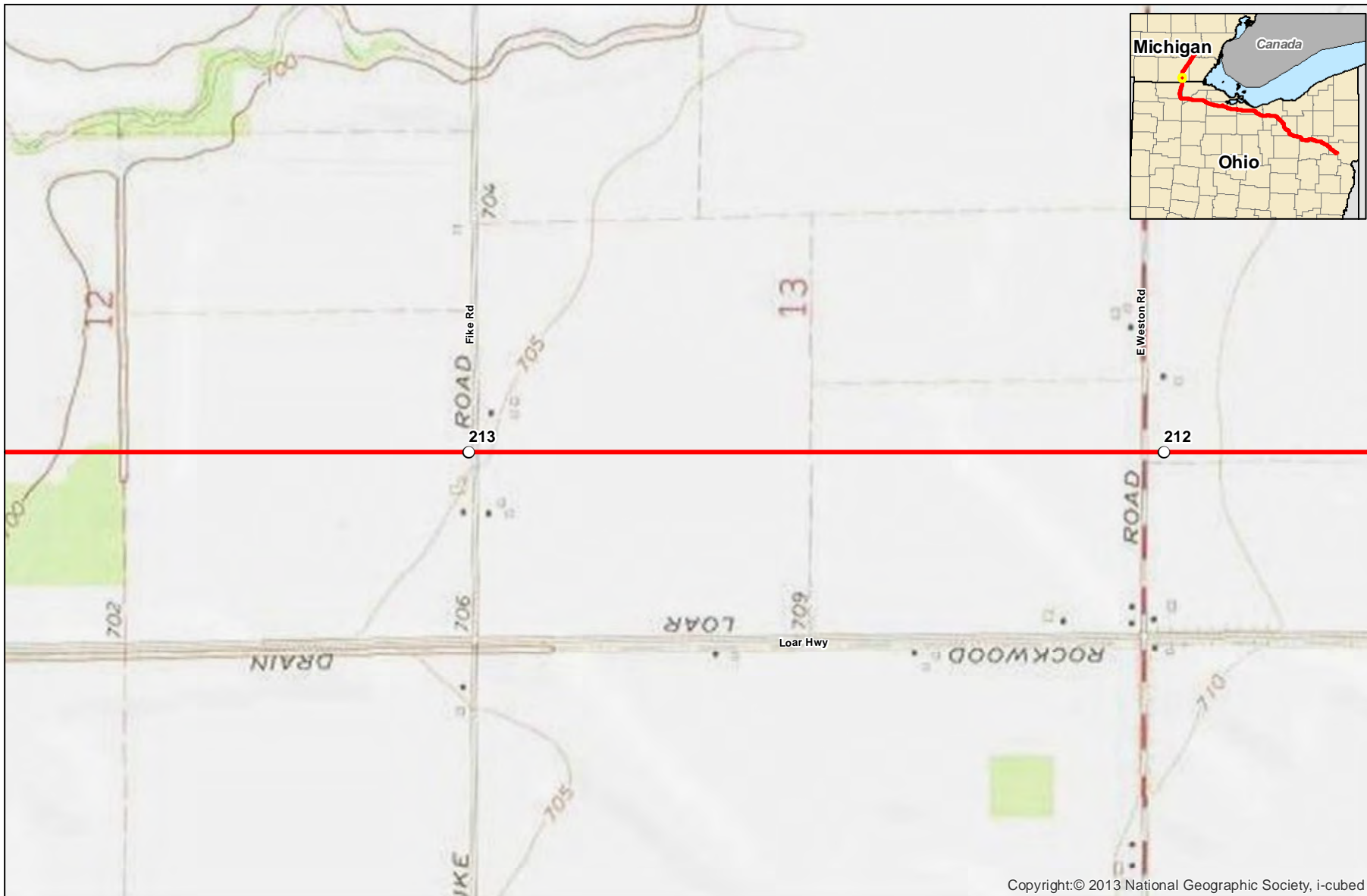


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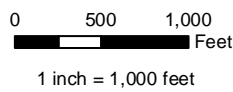


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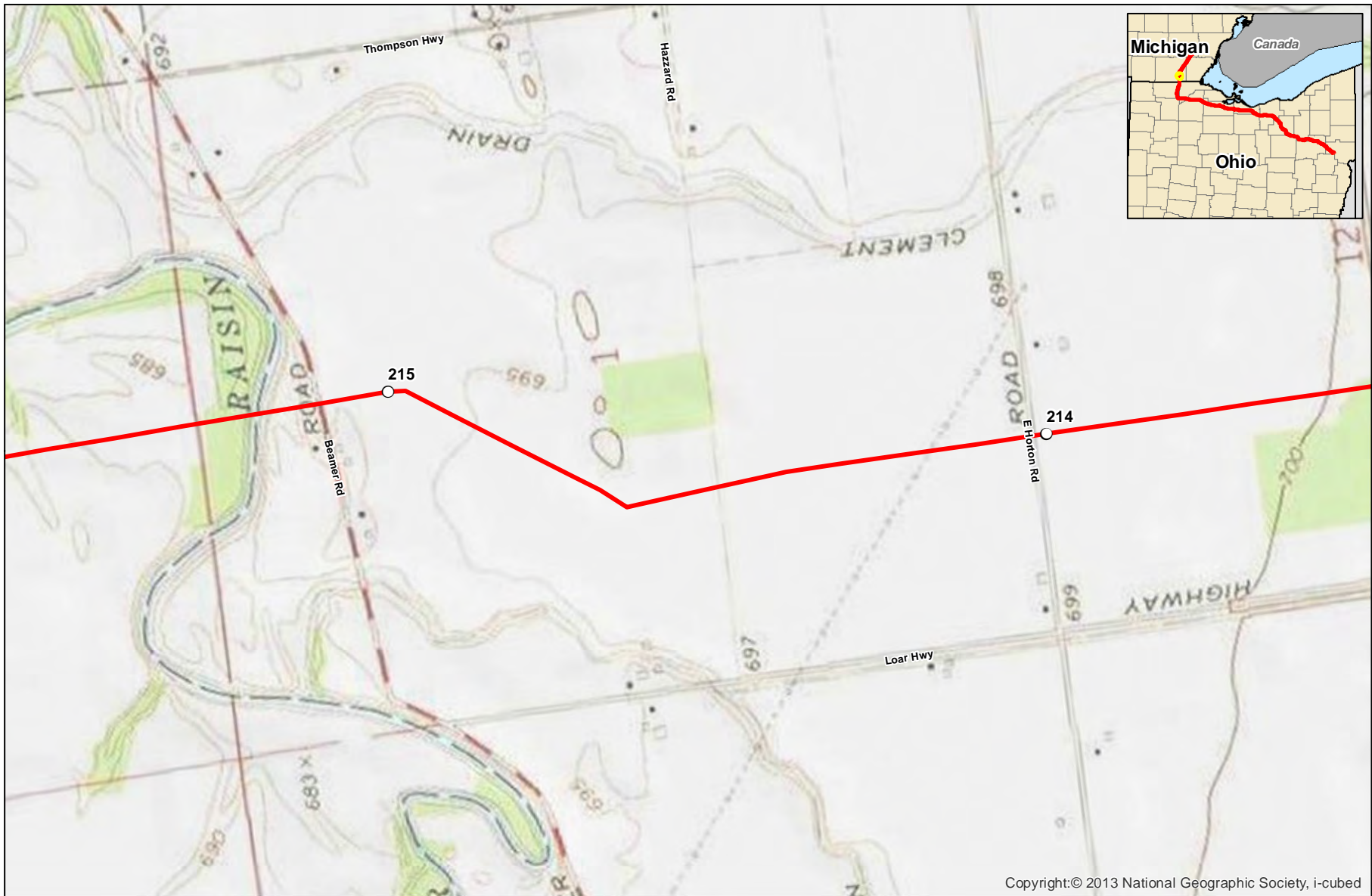


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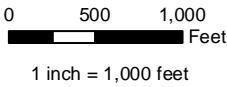


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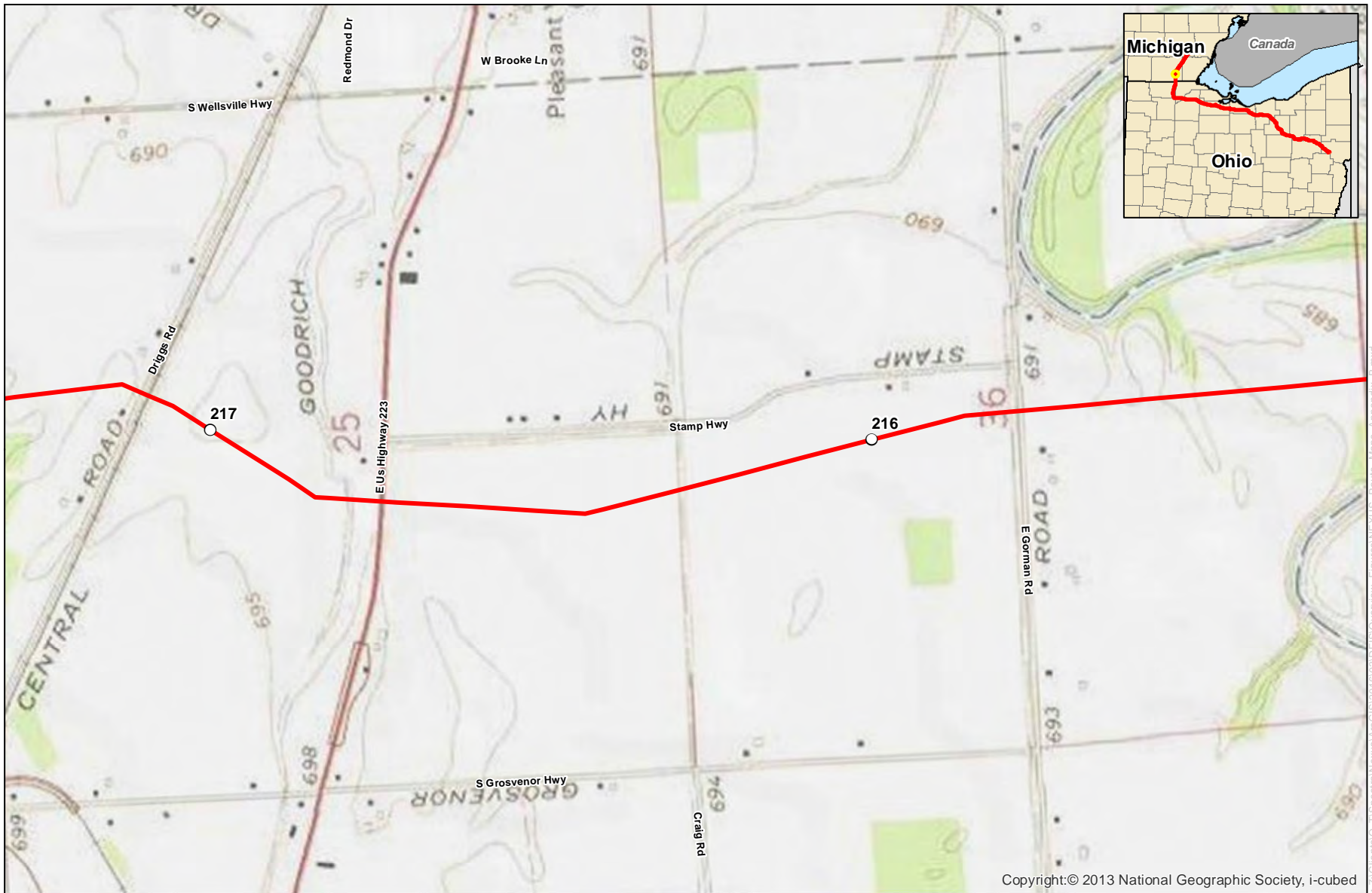


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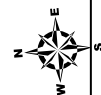


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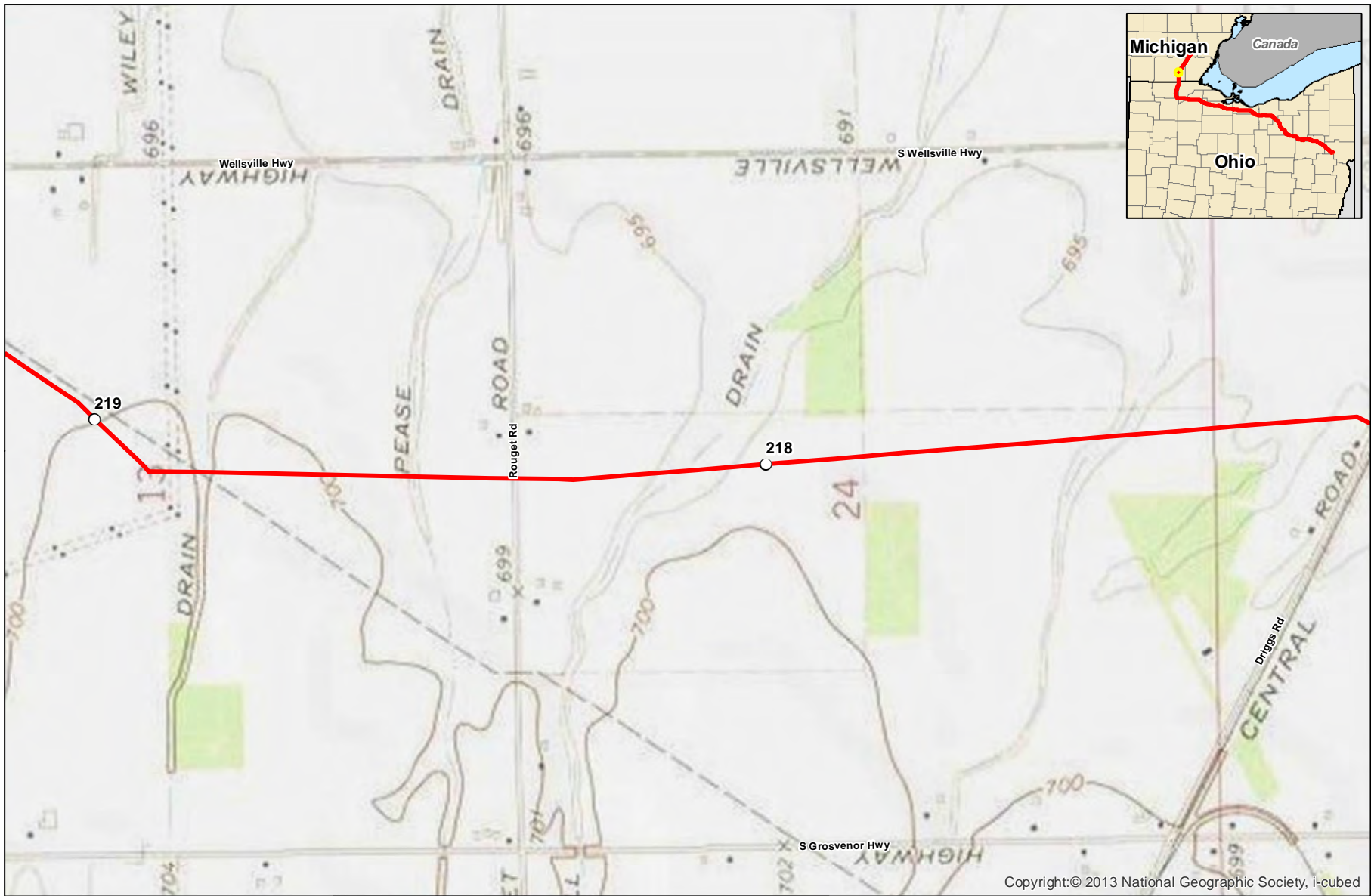


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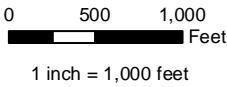


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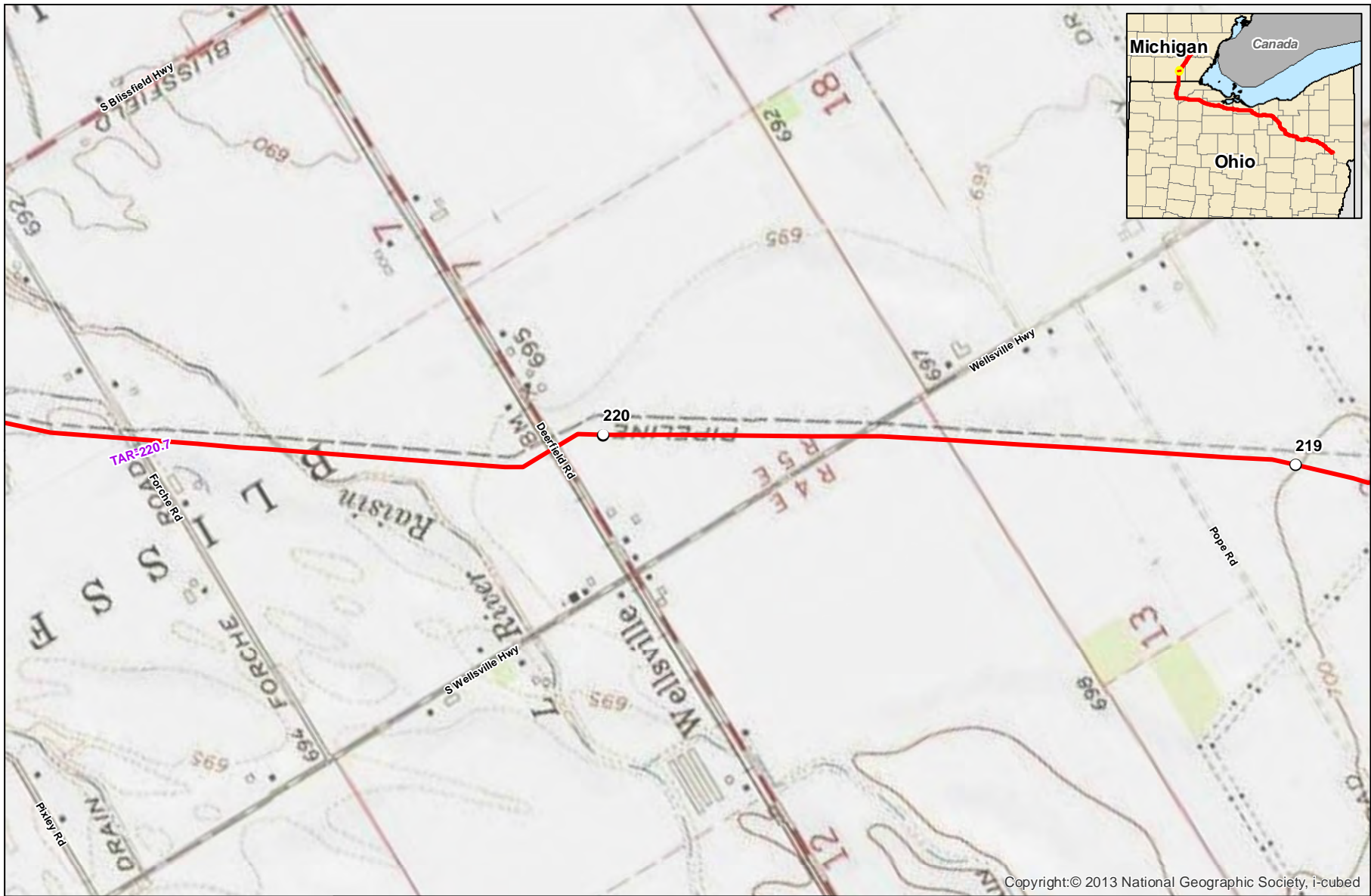


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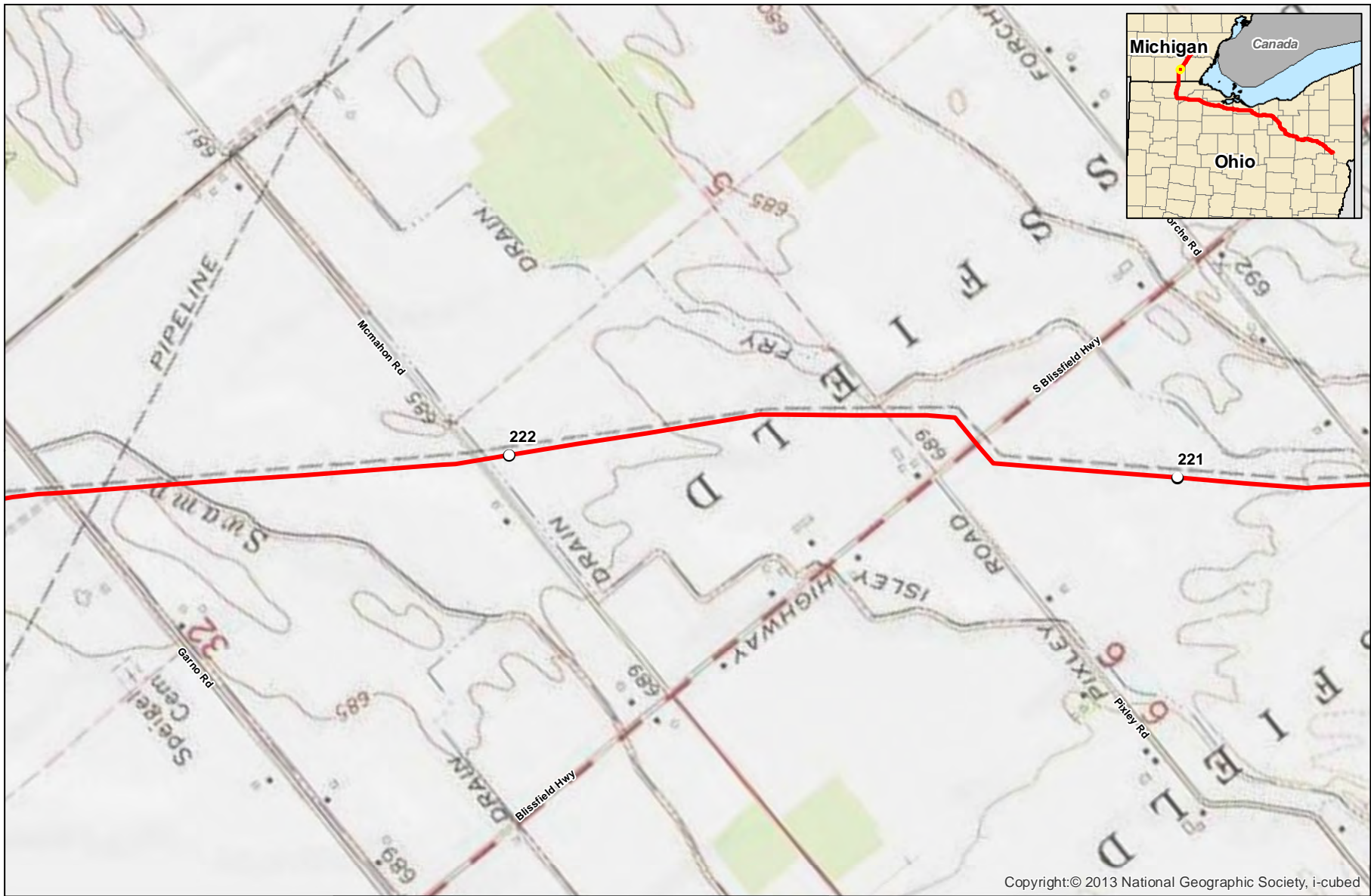
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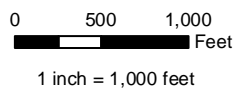


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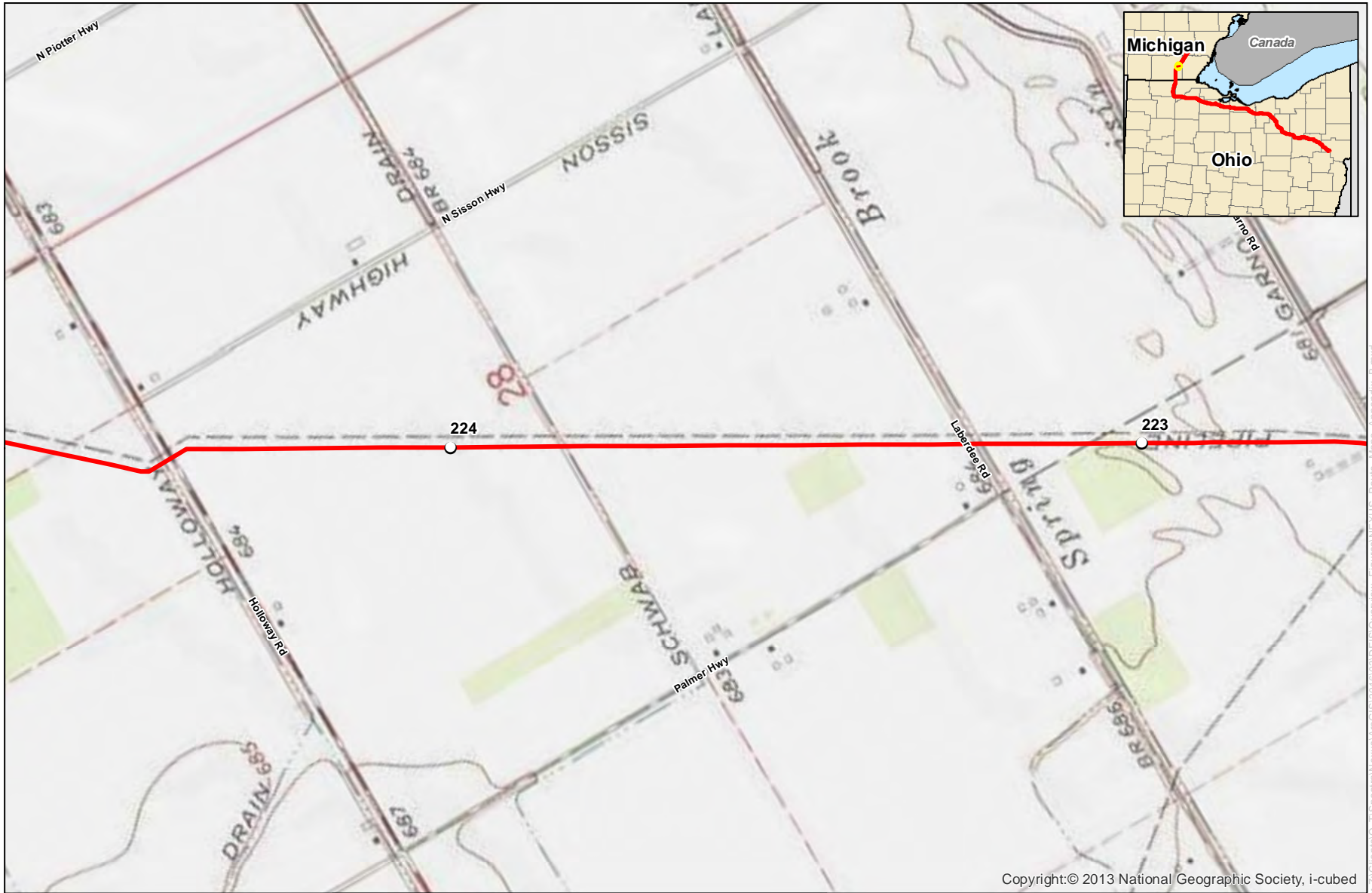


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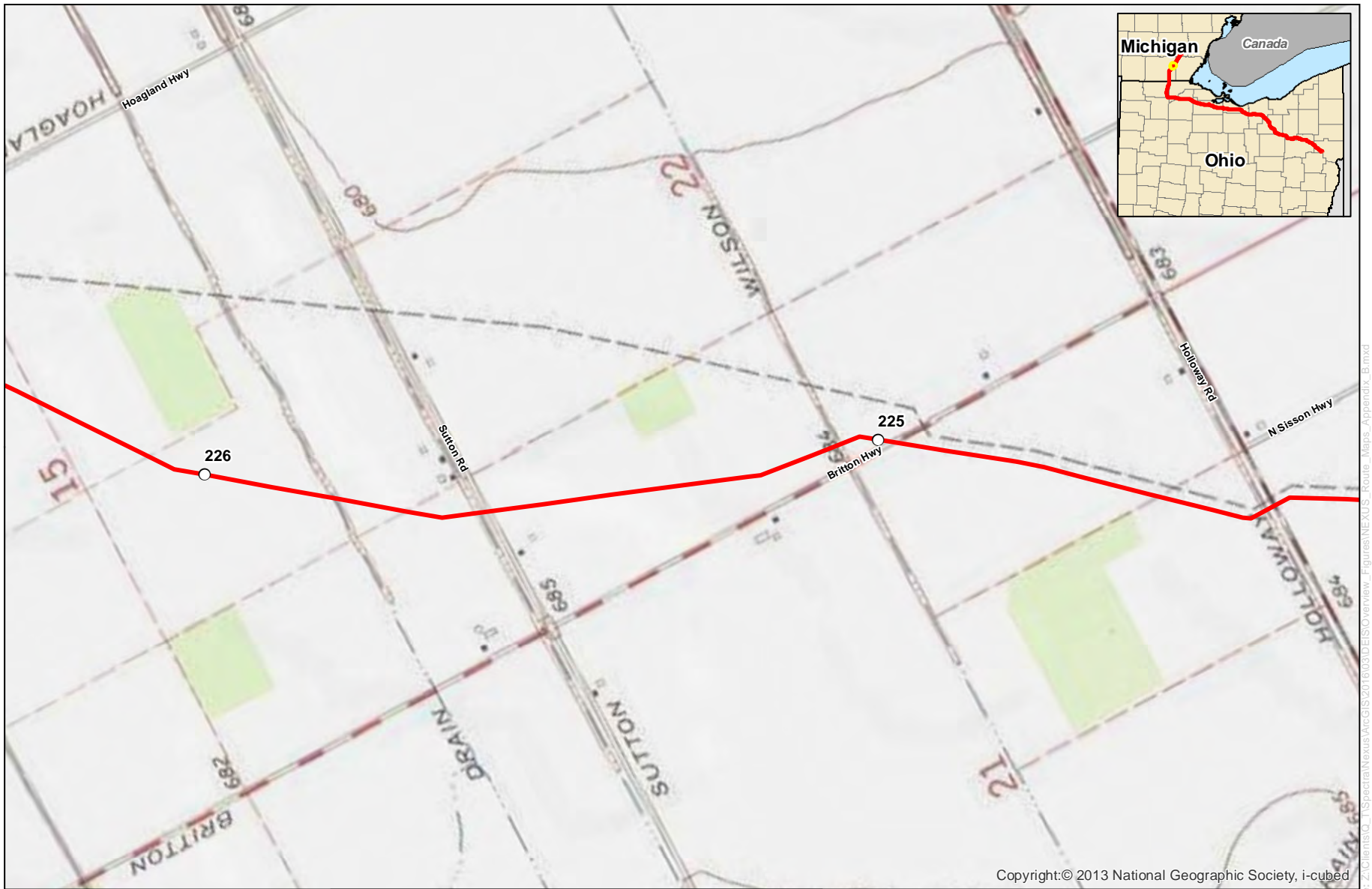


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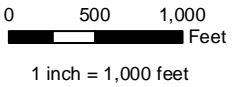


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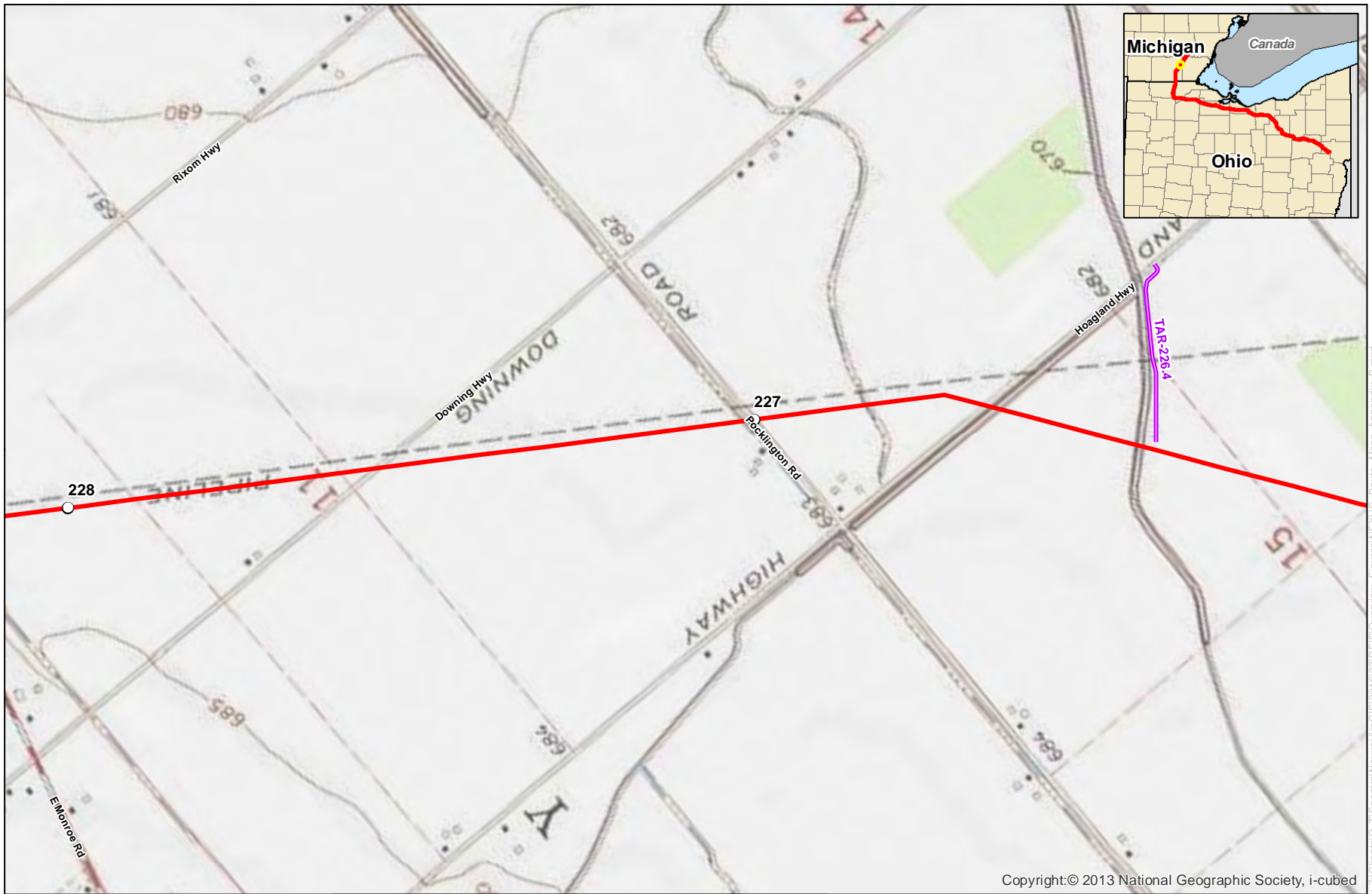


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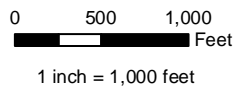


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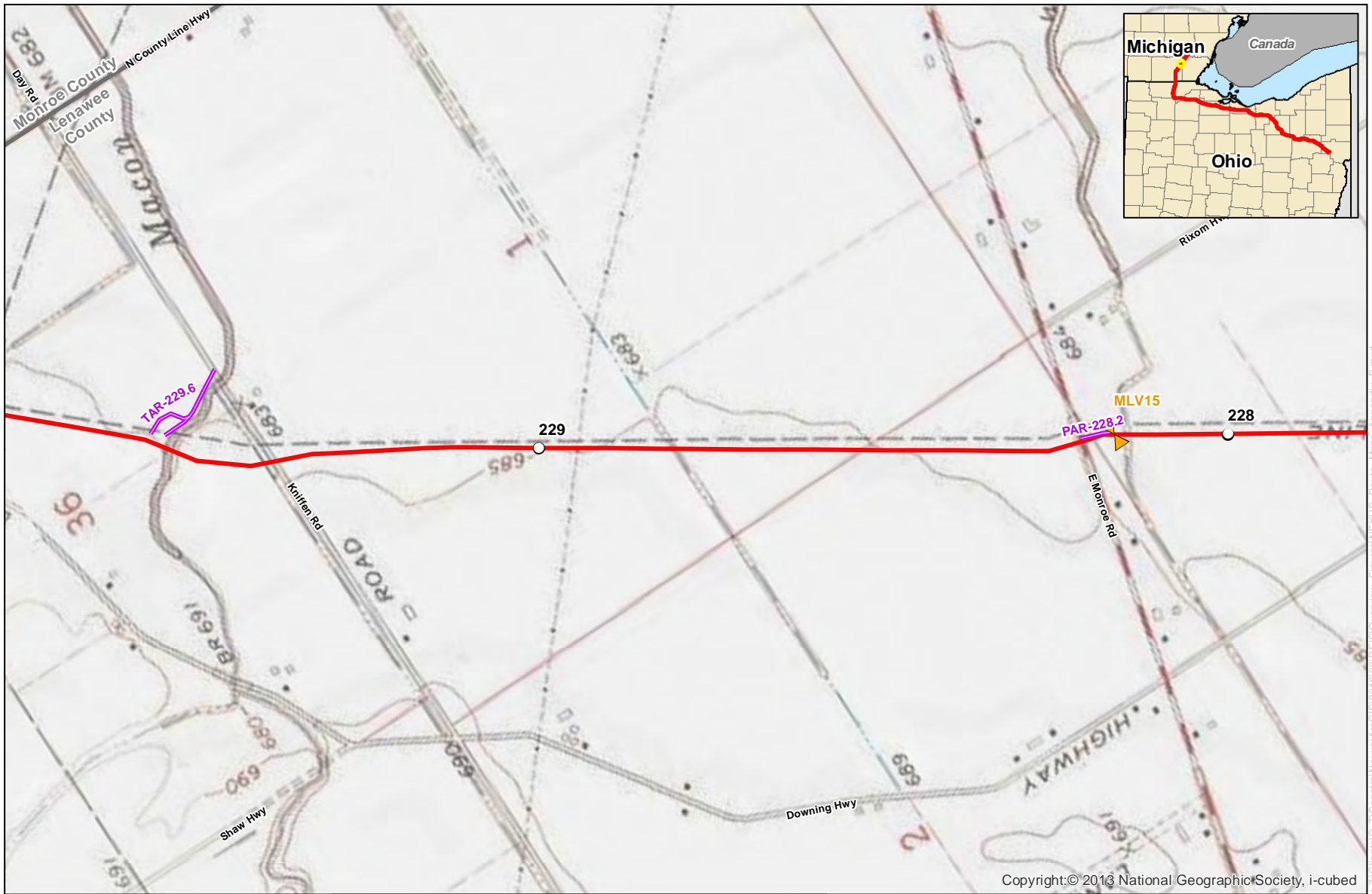


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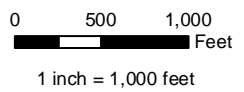


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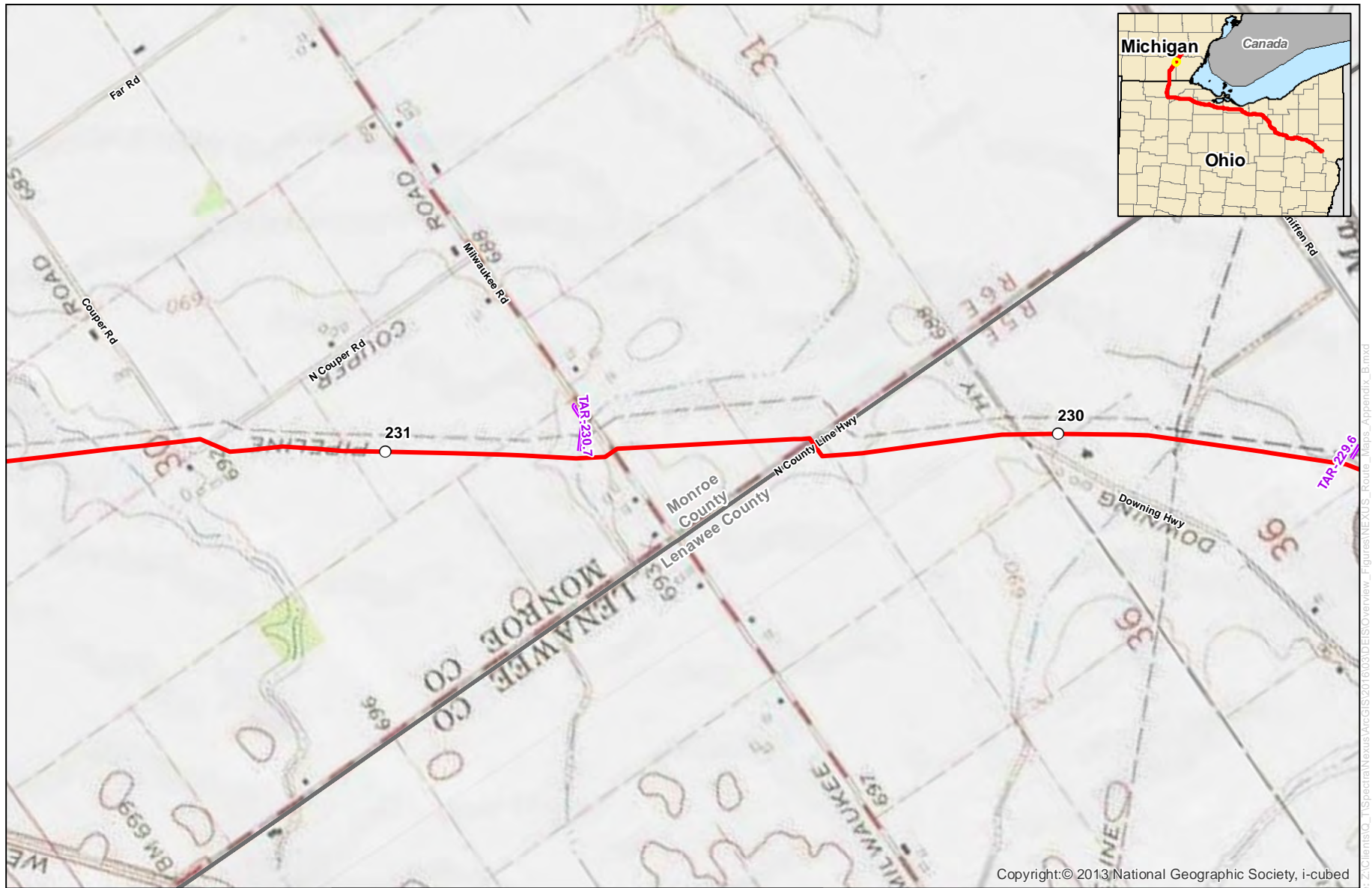


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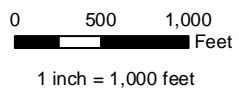
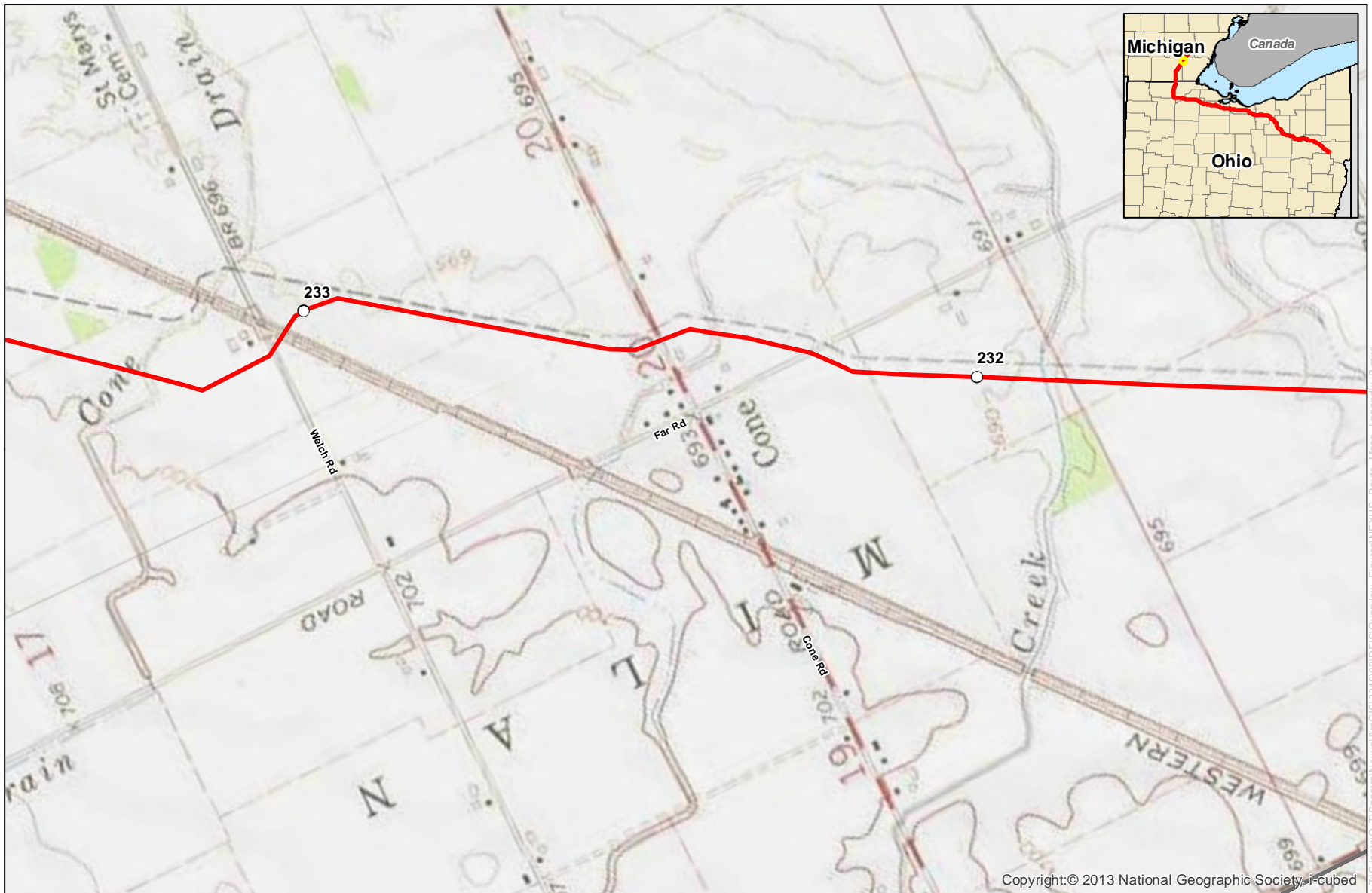


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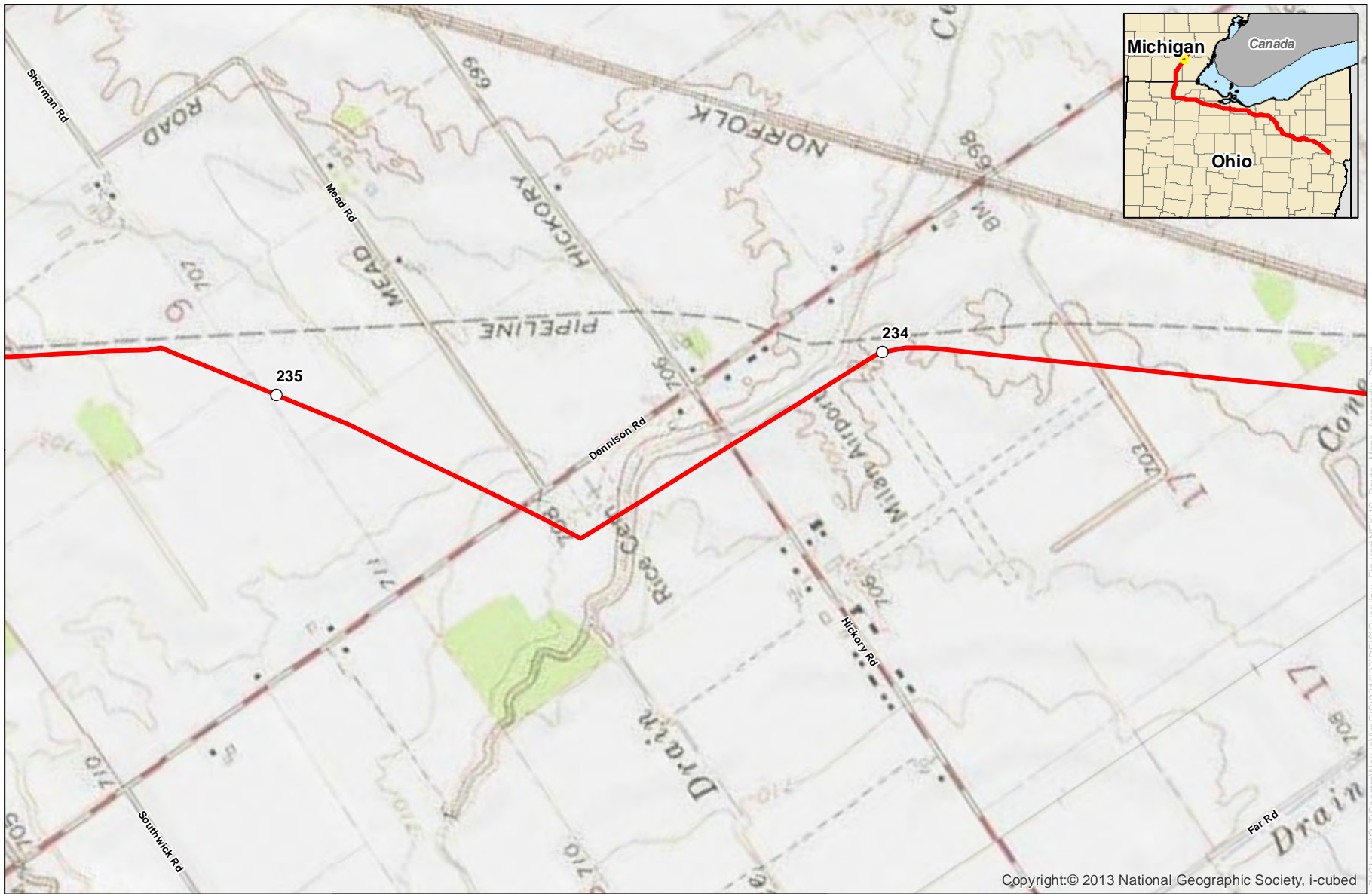
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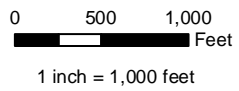


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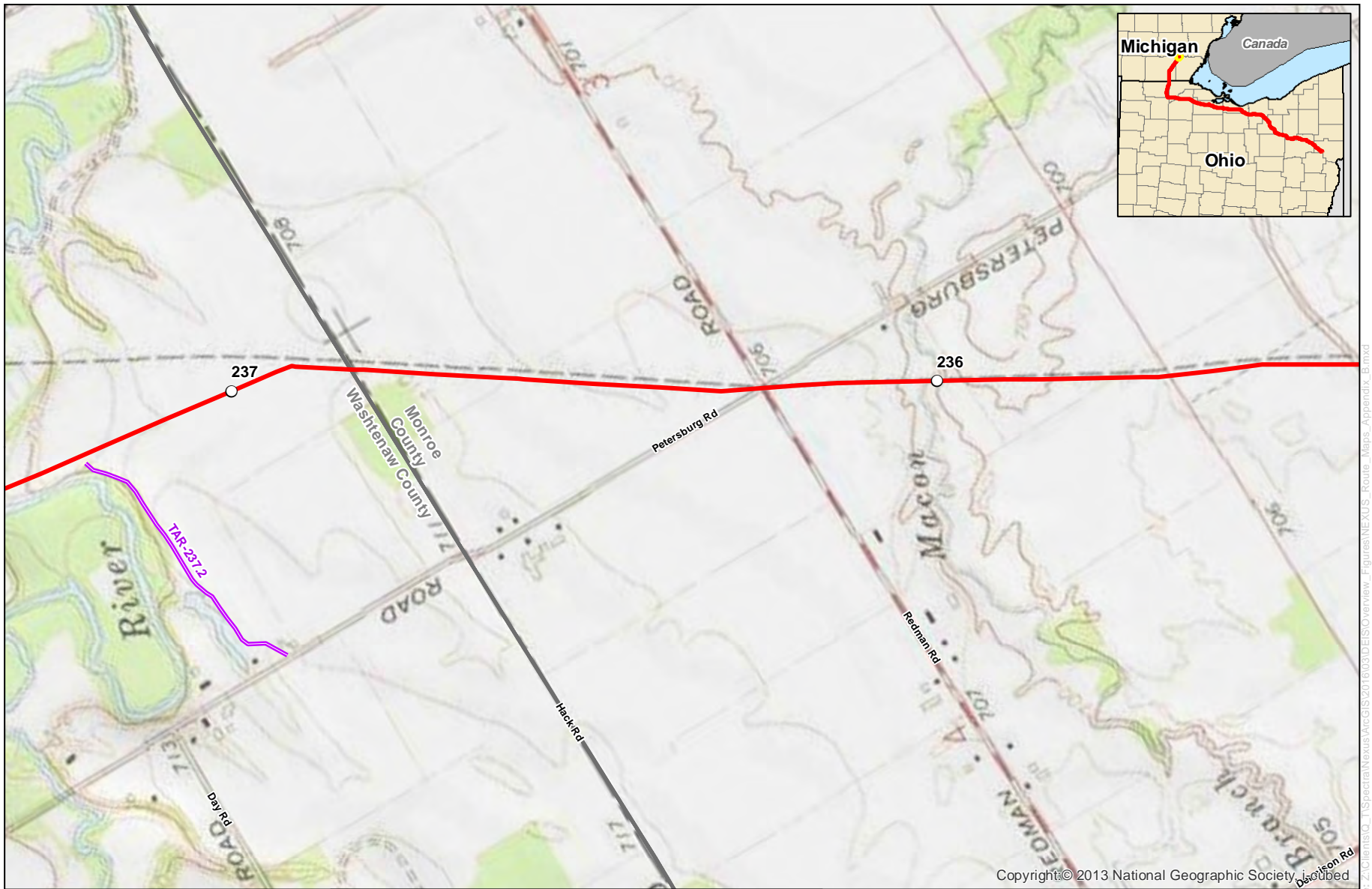


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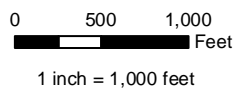


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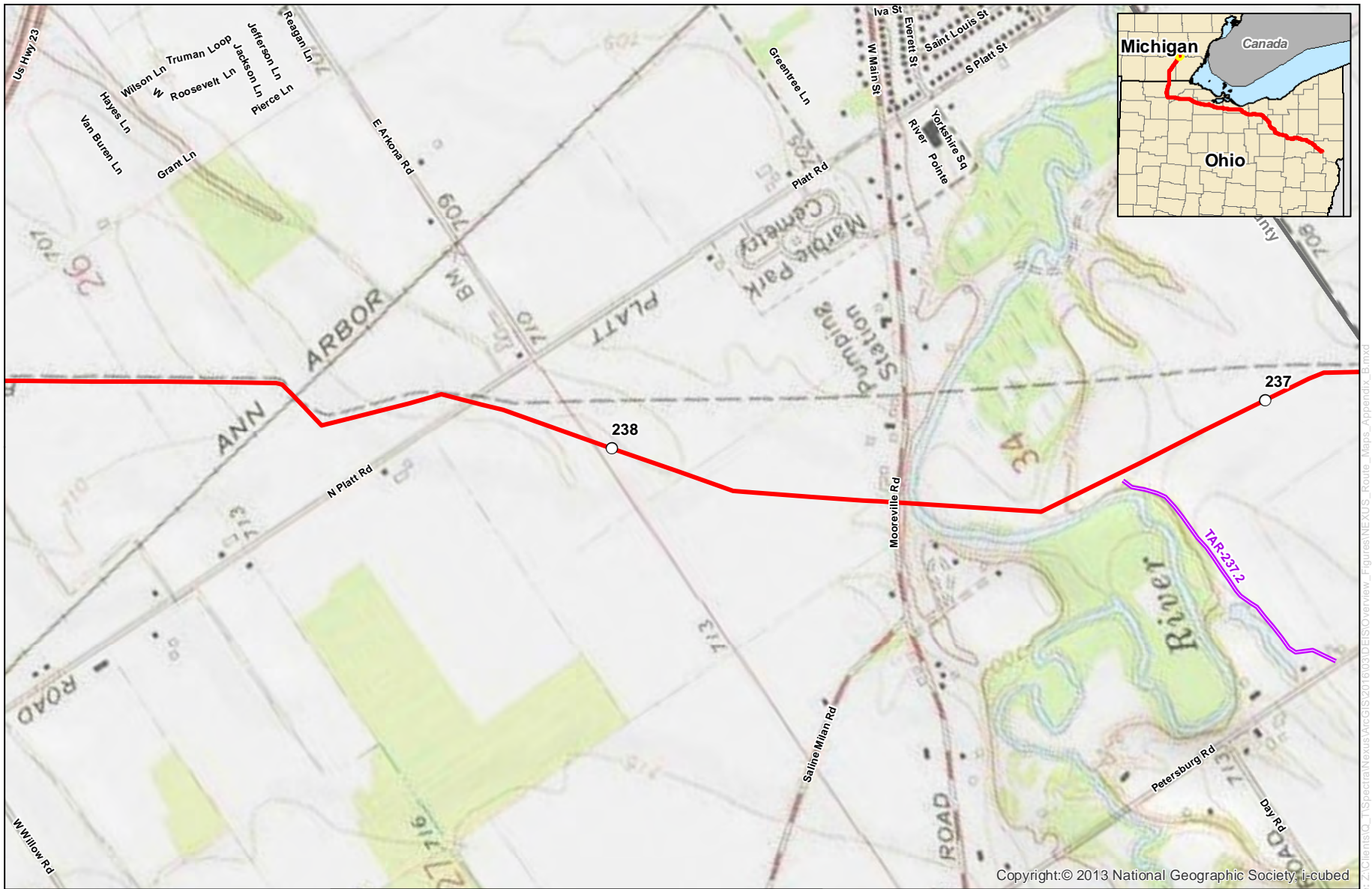


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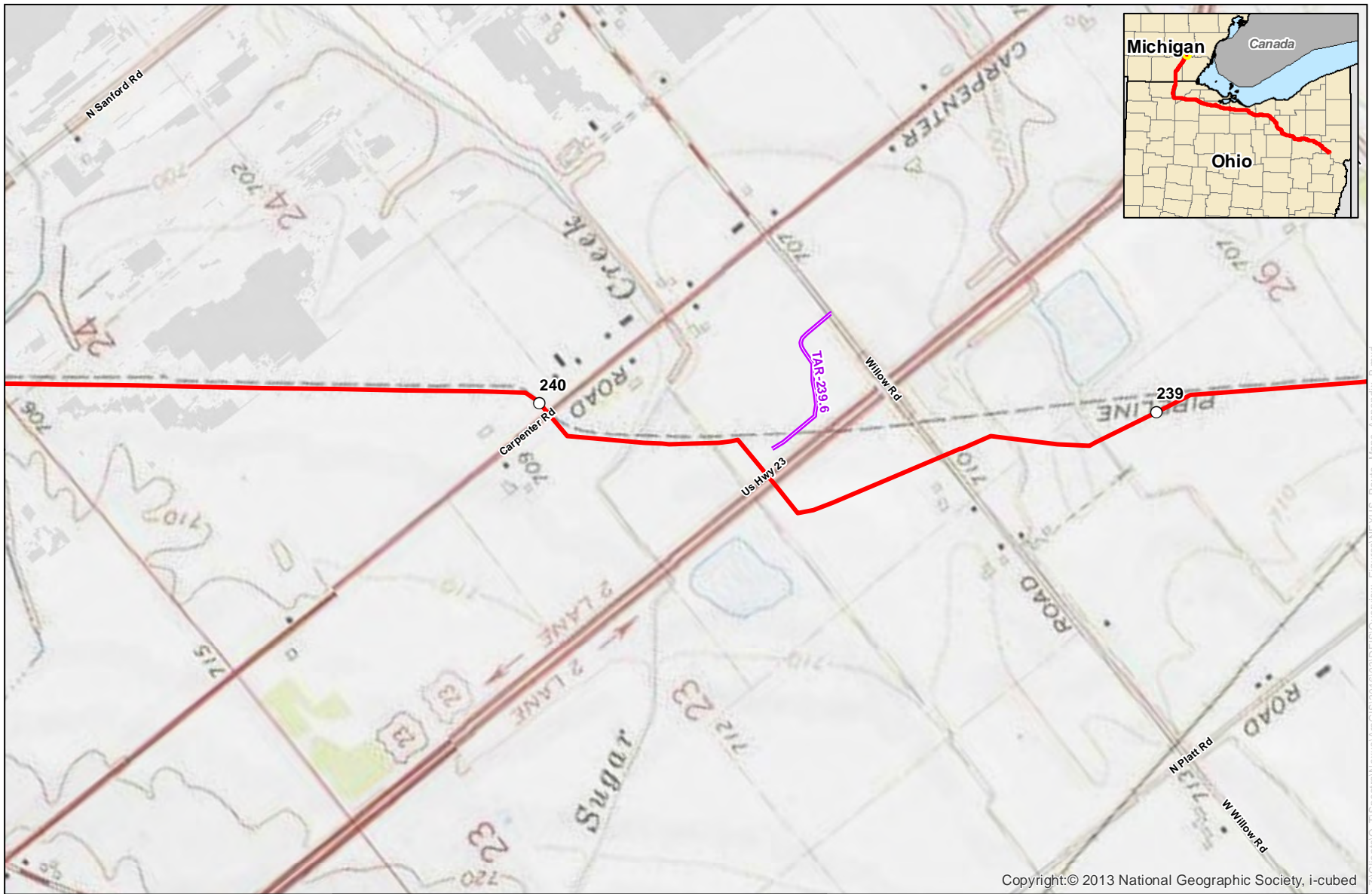


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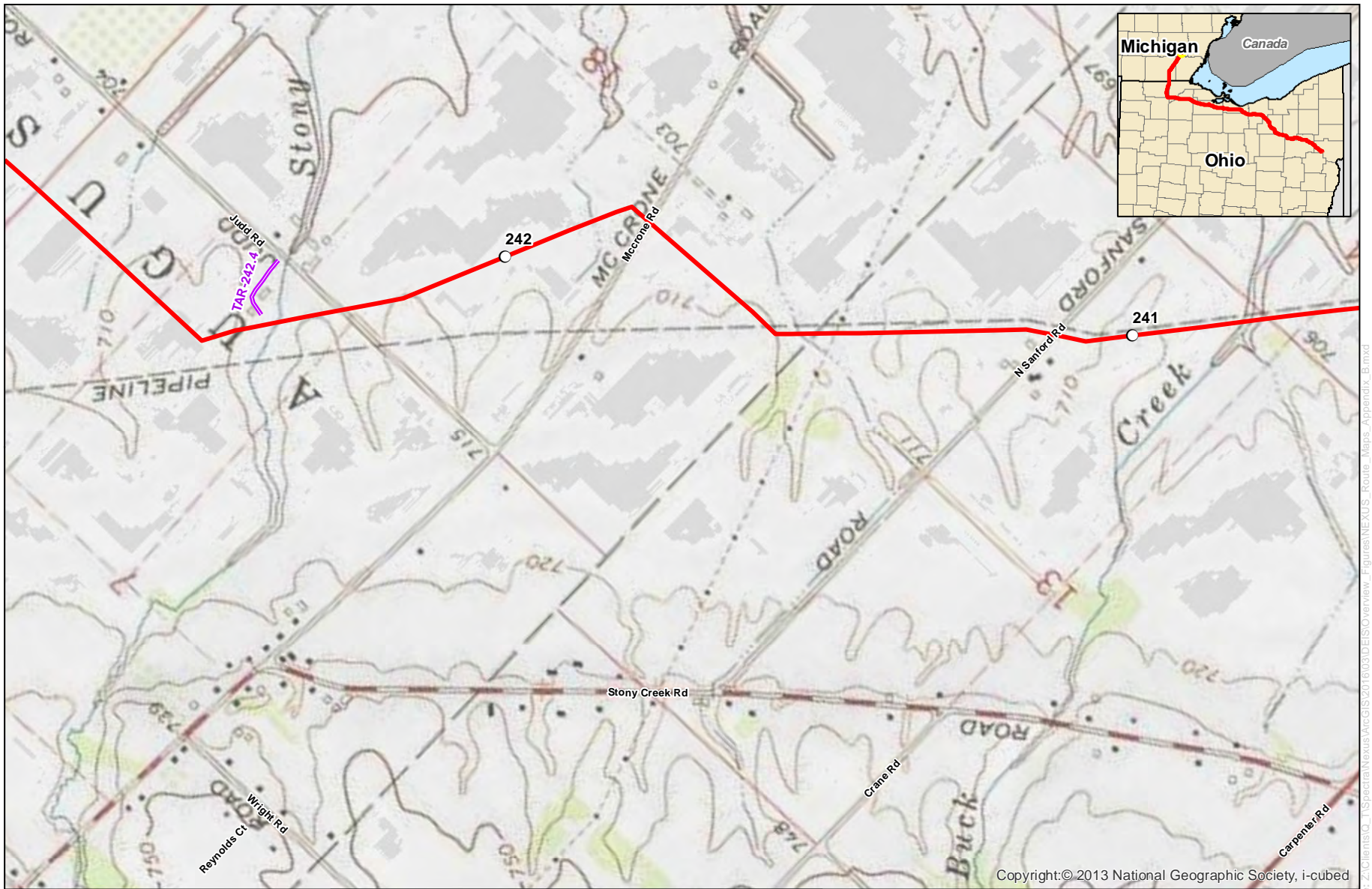
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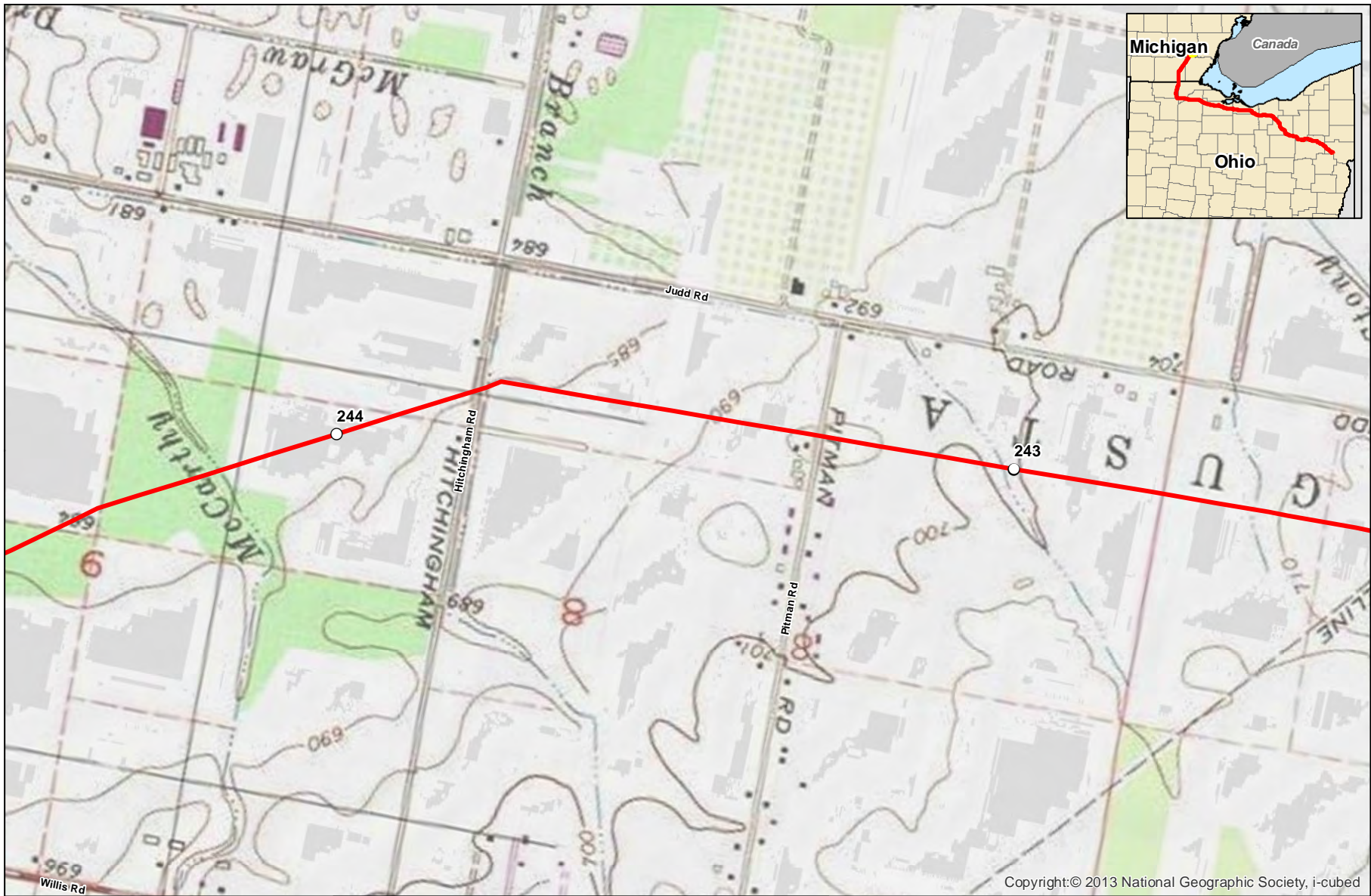


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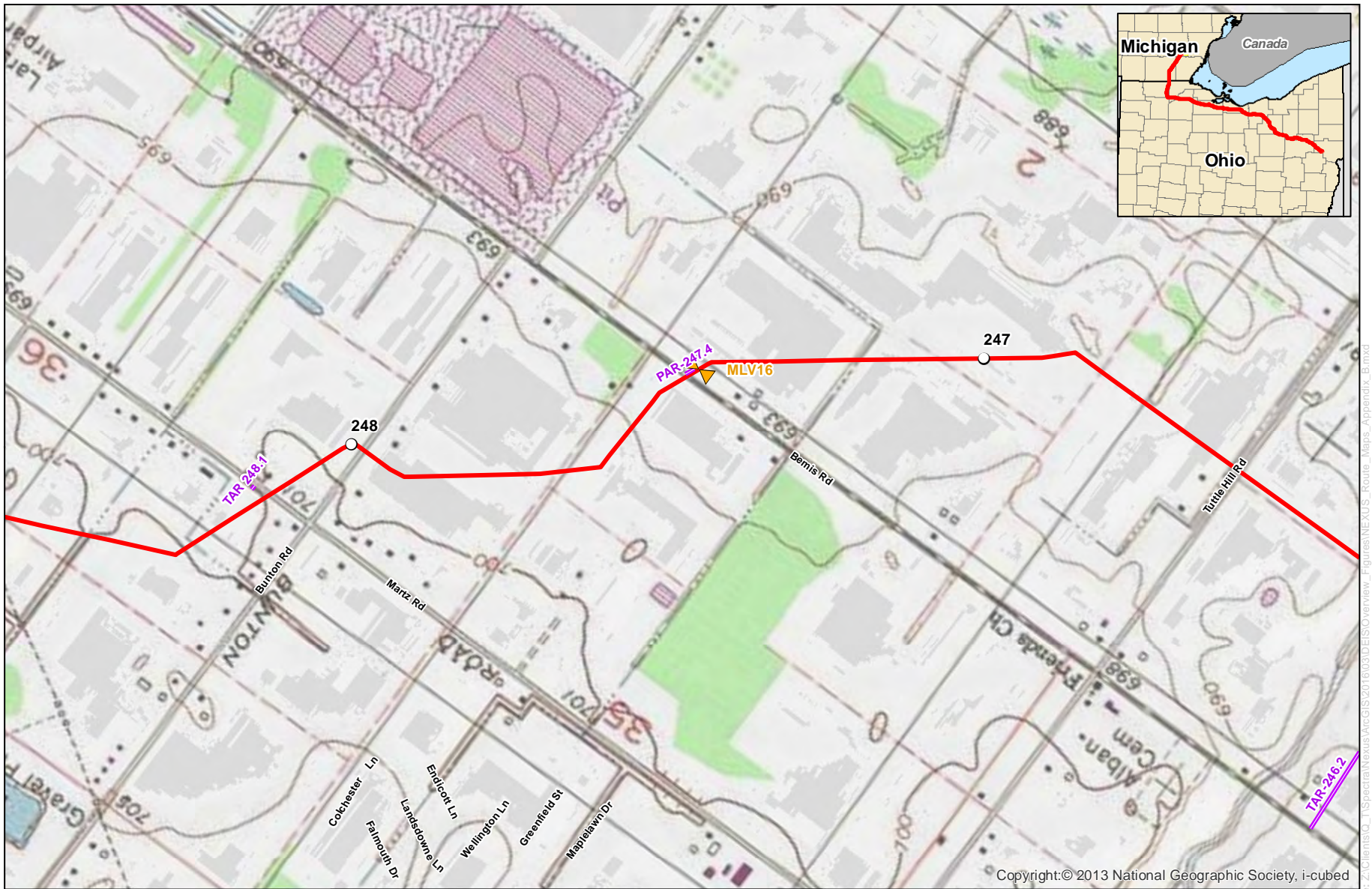


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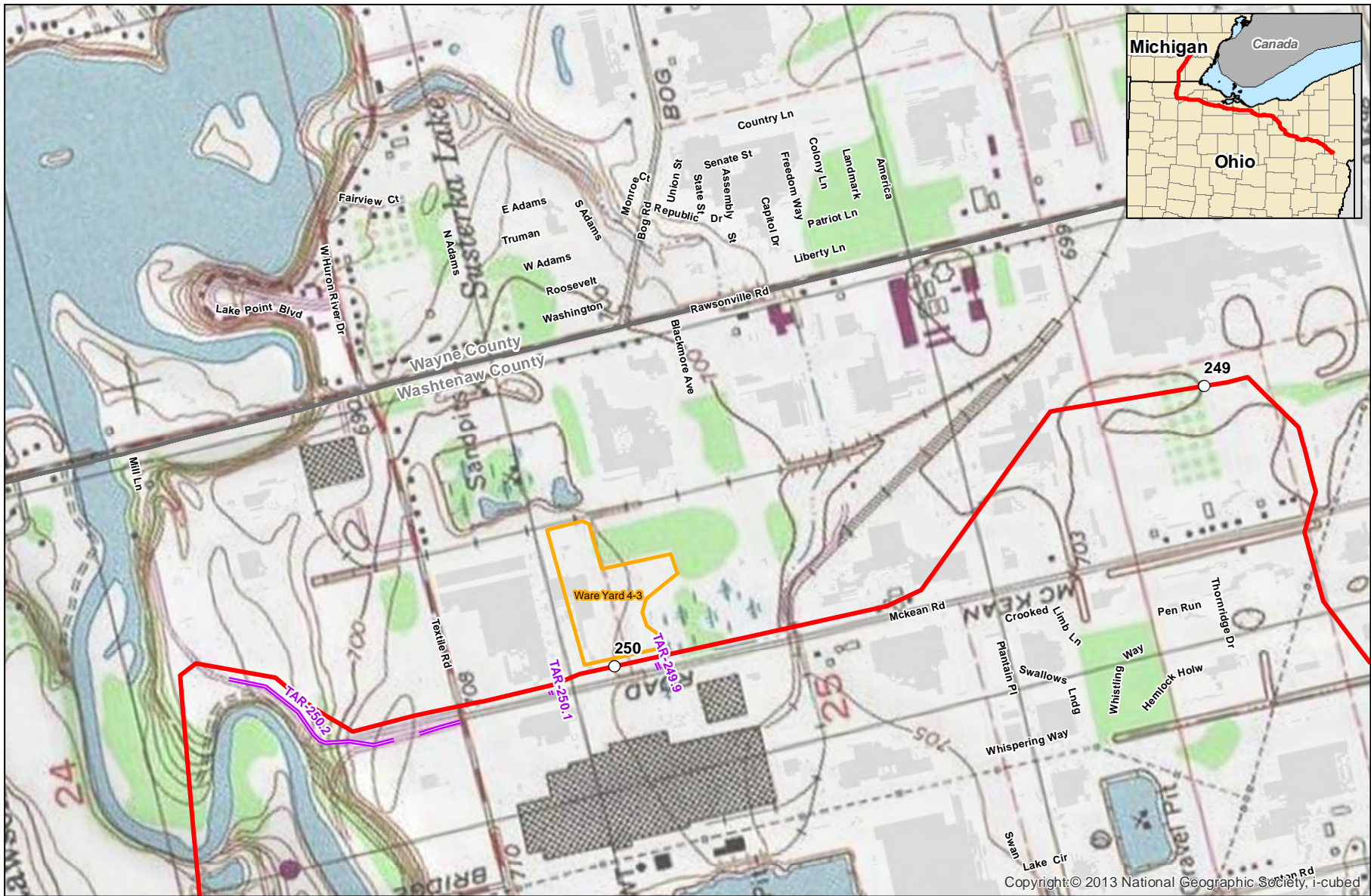
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Appendix B-1 NGT Project Route Map

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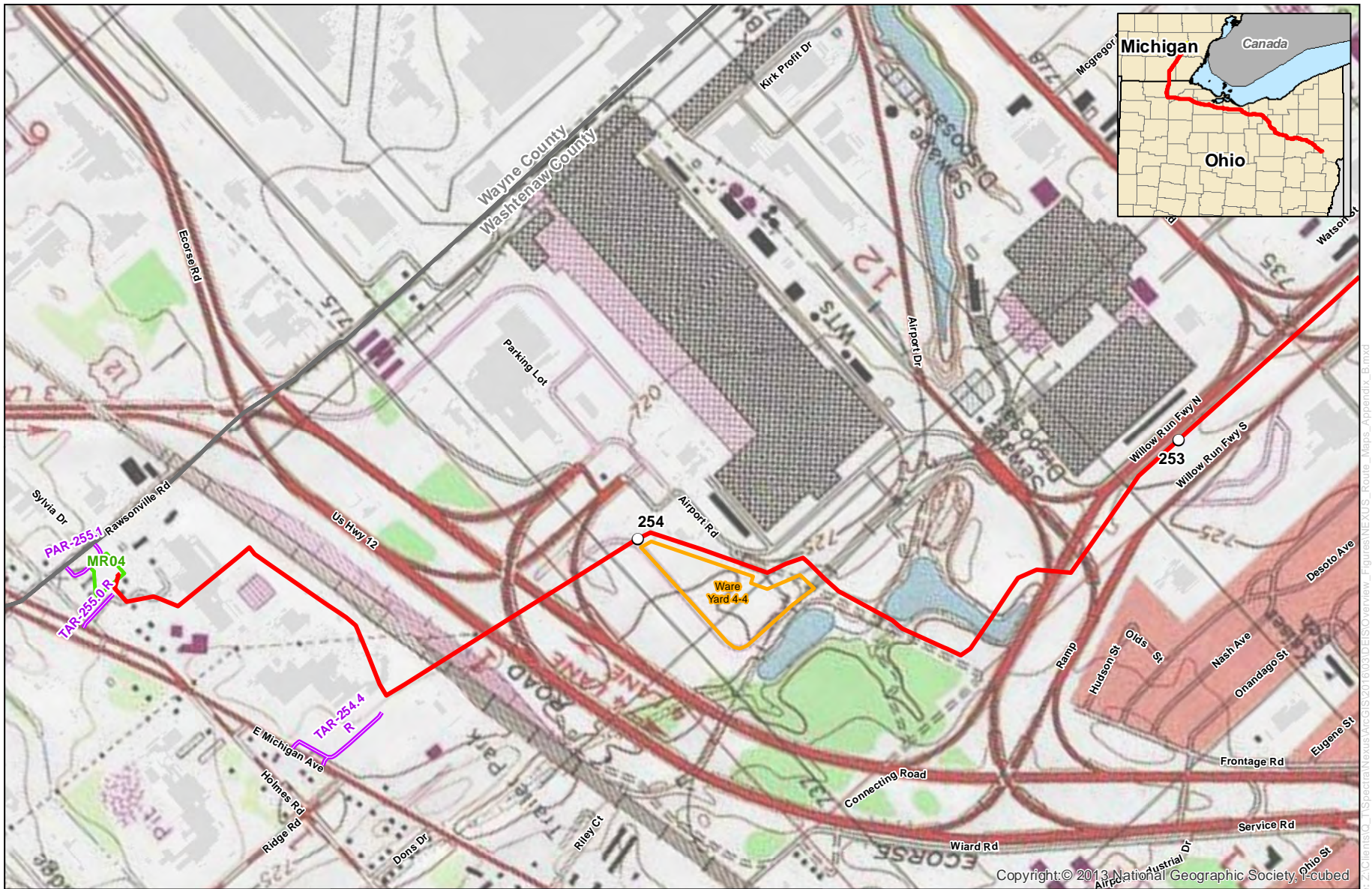


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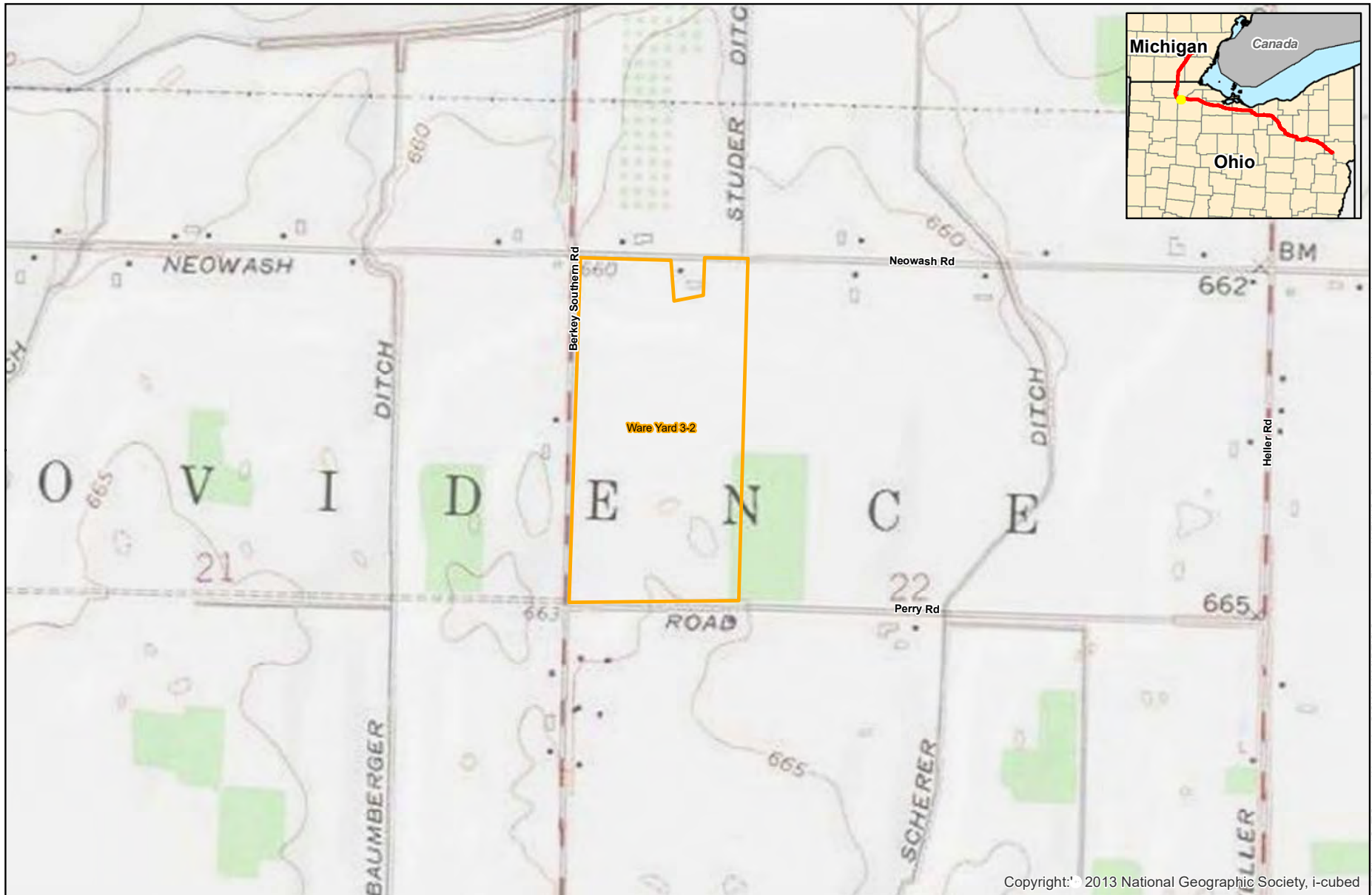


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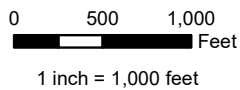
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- Proposed NEXUS Mainline Pipeline
- Proposed TEAL Connecting Pipeline
- Proposed TGP Interconnect
- Proposed Access Road
- Proposed Compressor Station
- Proposed Ware Yard
- M&R Station

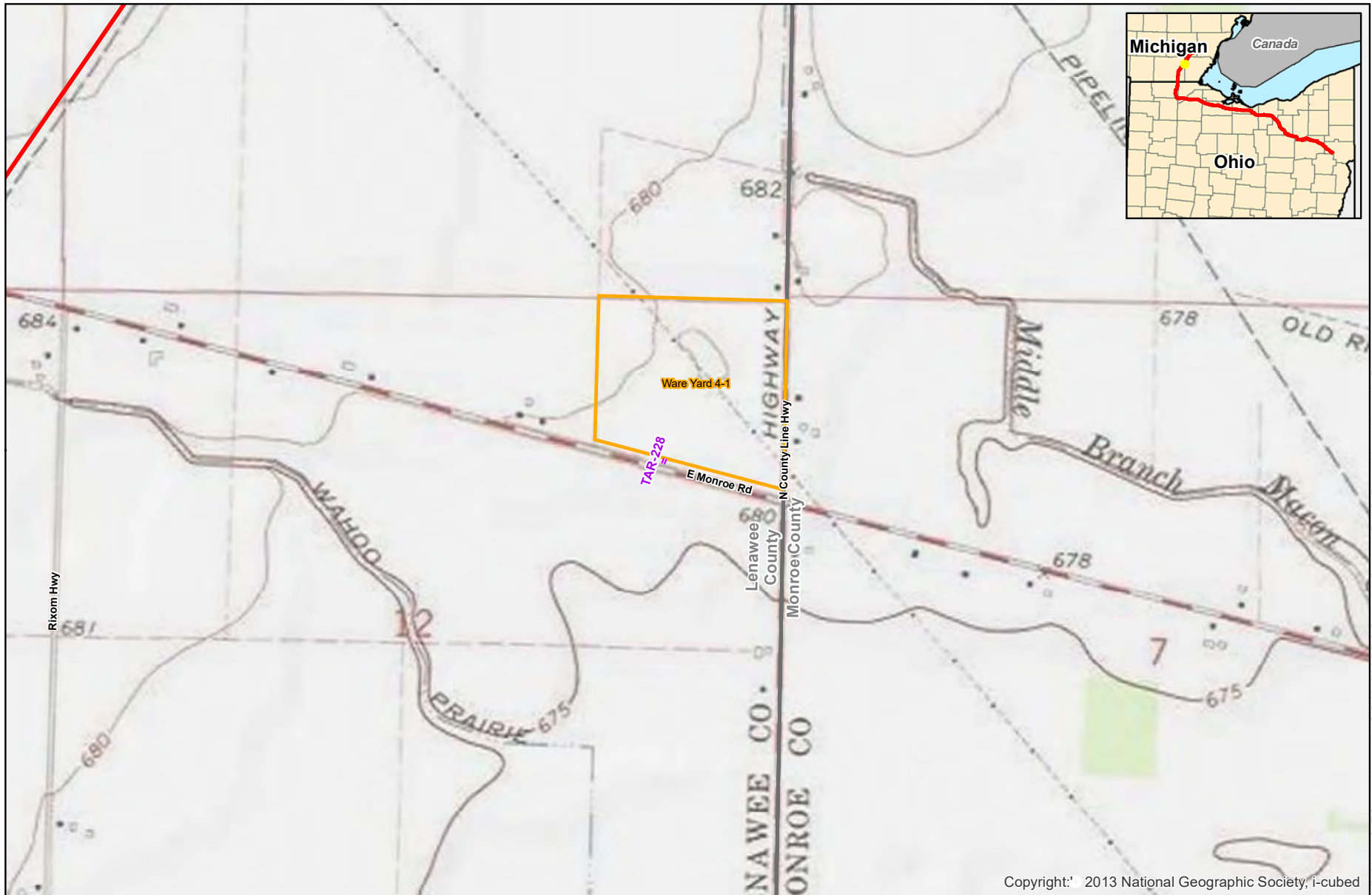


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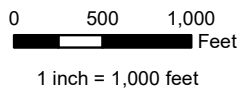


Appendix B-1 NGT Project Route Map

- Milepost
- Tee-Tap Location
- ✕ Proposed Main Line Valve
- Proposed NEXUS Mainline Pipeline
- - - Proposed TEAL Connecting Pipeline
- Proposed TGP Interconnect
- Proposed Access Road
- Proposed Compressor Station
- Proposed Ware Yard
- M&R Station



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Appendix B-1 NGT Project Route Map

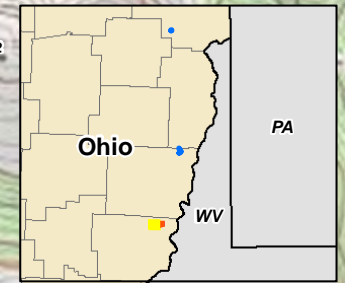
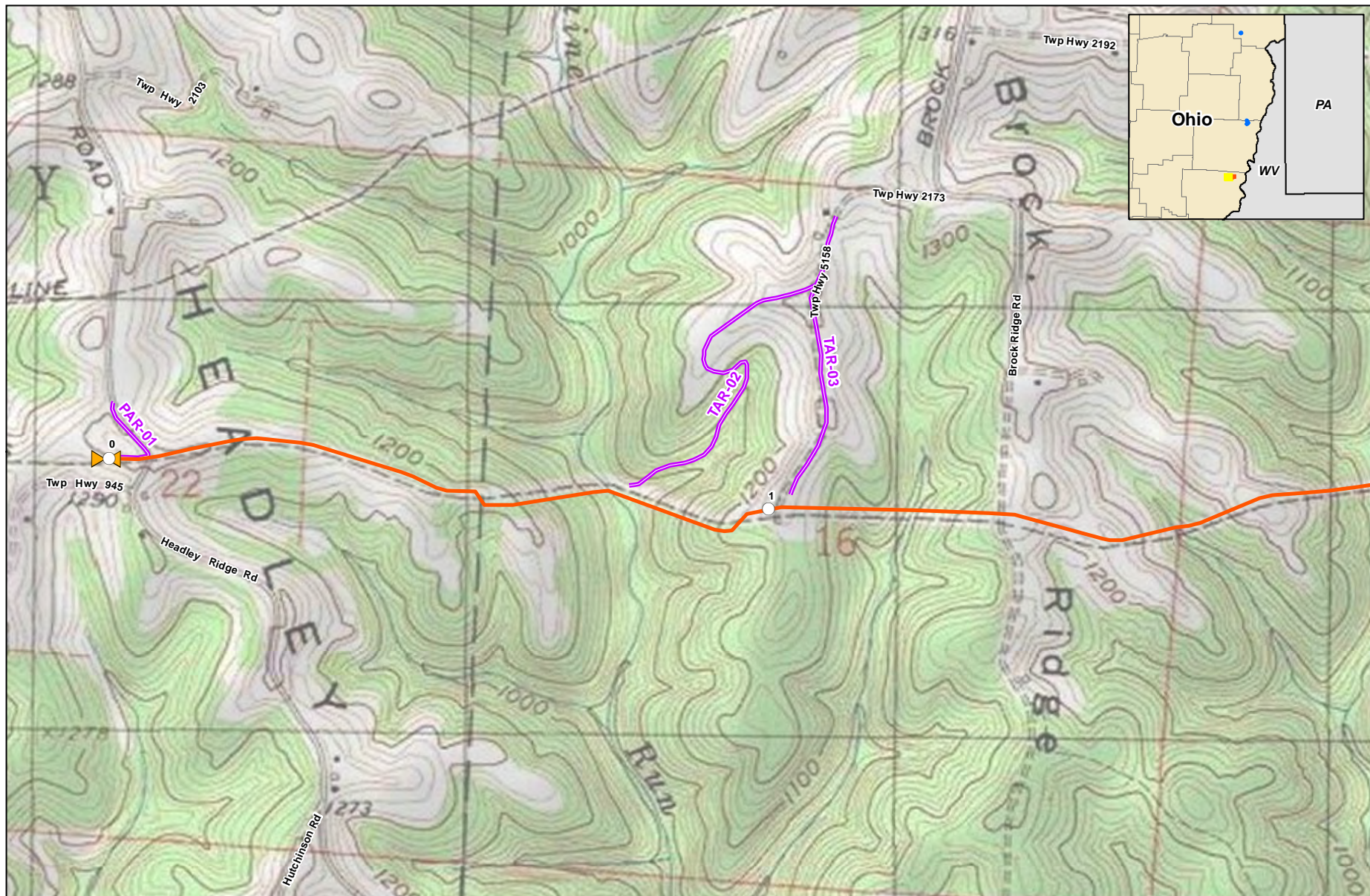
- Milepost
- Tee-Tap Location
- ⚡ Proposed Main Line Valve
- Proposed NEXUS Mainline Pipeline
- - - Proposed TEAL Connecting Pipeline
- Proposed TGP Interconnect
- Proposed Access Road
- Proposed Compressor Station
- Proposed Ware Yard
- M&R Station

For Environmental Review Purposes Only

Ware Yard 4-1

APPENDIX B-2

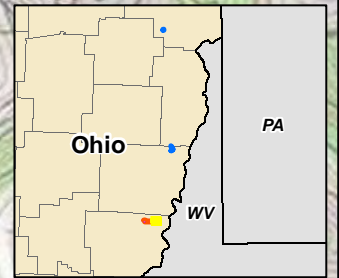
TEAL PROJECT ROUTE MAPS



Appendix B-2 TEAL Project Route Map

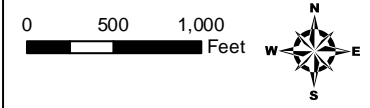
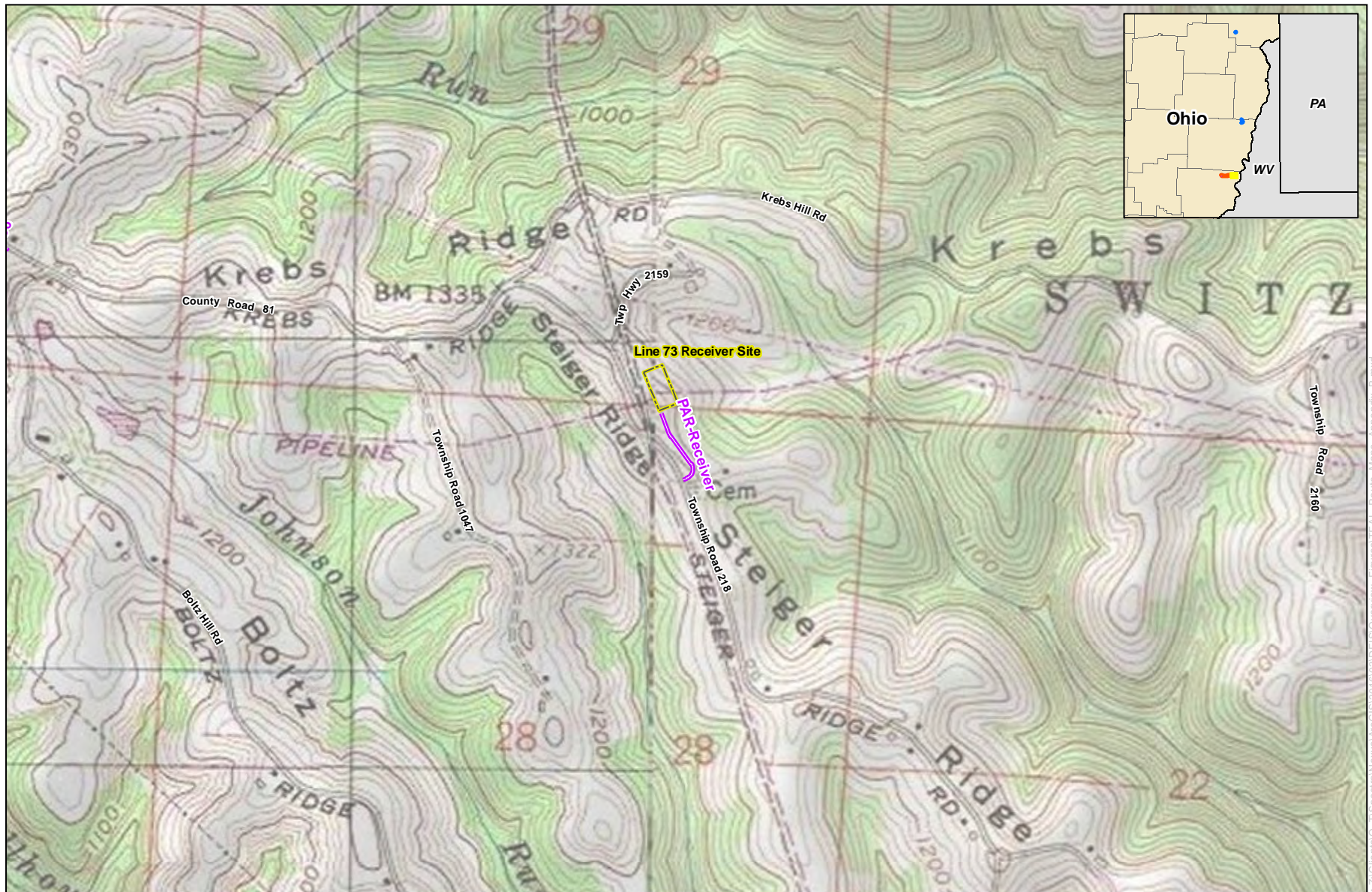
- Milepost
- Proposed TEAL Valve
- Proposed TEAL Pipeline Loop
- Proposed Access Road
- Proposed Compressor Station
- Proposed Regulator/Receiver Site

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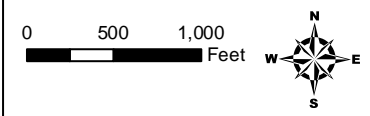
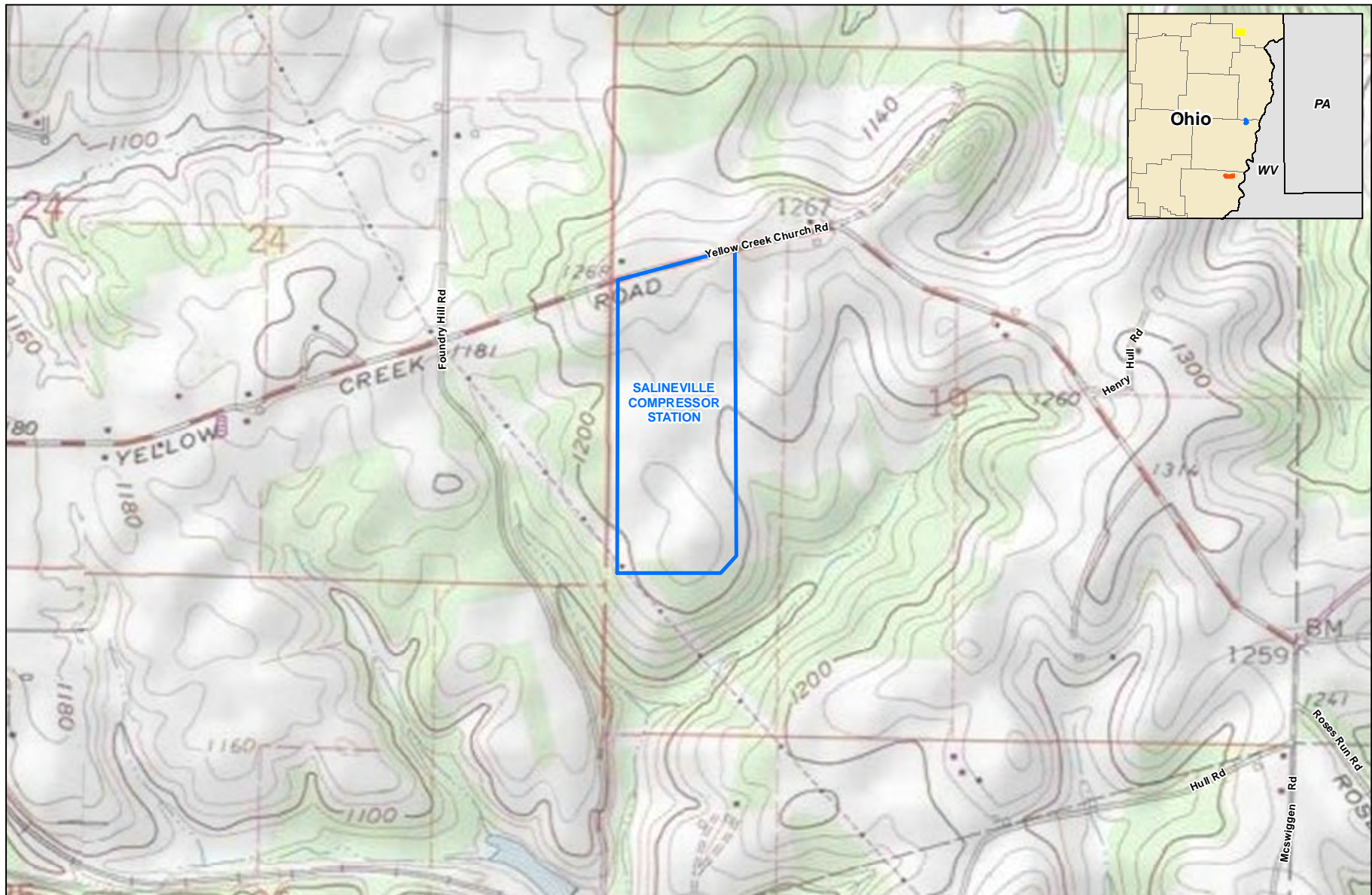
Appendix B-2 TEAL Project Route Map

- Milepost
- Proposed TEAL Valve
- Proposed TEAL Pipeline Loop
- Proposed Access Road
- Proposed Compressor Station
- Proposed Regulator/Receiver Site



Appendix B-2 TEAL Project Route Map

-  Milepost
-  Proposed TEAL Valve
-  Proposed TEAL Pipeline Loop
-  Proposed Access Road
-  Proposed Compressor Station
-  Proposed Regulator/Receiver Site



Appendix B-2 TEAL Project Route Map

- Milepost
- Proposed TEAL Valve
- Proposed TEAL Pipeline Loop
- Proposed Access Road
- Proposed Compressor Station
- Proposed Regulator/Receiver Site

Date: 16/20/2016 Source: Z:\Client\GIS\MapXpress\GIS\2016\03\DEIS\O\vieww_Figures\TEAL_Route_Maps_Appendix_B.mxd

APPENDIX C

PROJECT DESCRIPTION TABLES

- C-1: SUMMARY OF NGT PIPELINE CO-LOCATION WITH EXISTING RIGHTS-OF-WAY**
- C-2: SUMMARY OF ATWS ASSOCIATED WITH THE NGT PIPELINE PROJECT**
- C-3: PIPE/CONTRACTOR YARDS AND STAGING AREAS FOR THE NGT PROJECT**
- C-4: PROPOSED NEW, IMPROVED, AND PRIVATE ACCESS ROADS FOR THE NGT AND TEAL PROJECTS**
- C-5: SUMMARY OF ATWS ASSOCIATED WITH THE TEAL PIPELINE PROJECT**

APPENDIX C-1

**SUMMARY OF NGT PIPELINE CO-LOCATION WITH EXISTING RIGHTS-
OF-WAY**

APPENDIX C-1

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
OHIO										
TGP Interconnecting Pipeline										
Access Midstream X2	Pipeline	0.2	0.7	0.6	0.6	165	2	100	0-25	108
M3 Ohio Midstream X2	Pipeline	0.2	0.7	0.6			2			114
M3 Ohio Midstream Fiber	Fiber Optic	0.6	0.7	0.1			2			55
Tunnel Hill Road Unknown	Road Power Line	0.6 0.6	0.9 0.9	0.3 0.3	0.3	54	2 2	26	0	82 63
Mainline										
S&S Energy Corp Midstream X2	Pipeline	0.4	1.0	0.7	0.7	100	1	25	0	44
Williams	Pipeline	0.4	1.0	0.6			1			80
First Energy	Pipeline	0.4	1.0	0.6			1			63
First Energy	Power Line	1.3	1.4	0.2	0.2	215	2	25	0	85
Unknown	Powerline	2.0	2.0	0.1	0.1	50	2	25	0	77
Unknown	Pipeline	3.3	3.3	0.1	0.1	25	1	0	0	192
First Energy	Power Line	3.4	4.4	1	1.0	200	2	25	0	157
General Telephone Company	Telephone Line	3.6	3.7	0.1			1			200
First Energy X5	Power Line	5.2	6.2	1	1.0	220	2	25	0	76
Atlas Energy	Pipeline	6.3	6.4	0.1	0.1	50	1	0	0	55
Atlas Energy	Pipeline	7.0	7.2	0.2	0.2	25	1	20	0	116
SR 172	Road	7.0	7.2	0.2			1			99
Unknown	Powerline	7.0	7.2	0.2			1			70
America Oil	Pipeline	7.6	7.6	0.1	0.1	25	1	0	0	106
Unknown	Pipeline	8.6	8.9	0.3	0.4	150	1, 2	25	0	64
First Energy	Power Line	8.6	9.0	0.3			2			136
First Energy	Power Line	9.8	10.8	1	1.0	210	2	25	0	95
Columbia Gas	Pipeline	11.2	11.3	0.1	0.1	50	1	0	0	206
Unknown	Powerline	11.3	11.4	0.1	0.1	75	1	0	0	87
First Energy	Power Line	11.7	13.1	1.4	1.4	215	2	25	0	92
Unknown	Powerline	13.2	13.3	0.1	0.1	75	2	0	0	208
First Energy	Power Line	13.6	14.7	1.1	1.1	215	2	25	0	110
Salem Church Rd	Road	14.1	14.1	0.1			1			66
Unknown	Pipeline	15.8	16.2	0.4	0.4	50	1	0	0	56
Atlas Energy	Pipeline	17.3	17.4	0.1	0.4	50	1	0	0	170
Unknown	Pipeline	17.4	17.8	0.4			1			130
Unknown	Powerline	22.0	22.2	0.2	0.4	100	1, 2	0	0	201
Marlboro Rd	Road	22.0	22.2	0.2			1, 2			172
Enervest Energy Partners	Pipeline	22.0	22.4	0.4			1, 2			172
Enervest Energy Partners	Pipeline	23.1	23.2	0.2	0.2	25	1	0	0	116
Enervest Energy Partners	Pipeline	23.9	24.0	0.1	0.1	25	1	0	0	218

C-1-1

APPENDIX C-1 (cont'd)

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
Enervest Energy Partners	Pipeline	24.2	24.5	0.3	0.3	25	1	0	0	98
Enervest Energy Partners	Pipeline	24.9	25.0	0.1	0.1	25	1	0	0	156
Enervest Energy Partners	Pipeline	25.5	25.7	0.1	0.1	25	2	0	0	127
Enervest Energy Partners	Pipeline	26.3	26.4	0.1	0.1	25	1	0	0	163
MB Operating	Pipeline	28.1	28.2	0.1	0.1	25	1	0	0	142
Enervest Energy Partners	Pipeline	28.2	28.4	0.2	0.3	25	1	0	0	125
First Energy	Power Line	29.9	29.9	0.1	0.1	150	2	0	0	230
First Energy	Power Line	30.2	30.7	0.5	0.5	150	2	25	0	107
First Energy	Power Line	31.0	31.4	0.3	0.3	150	2	43	0	110
First Energy	Power Line	31.5	31.8	0.3	0.3	150	2	48	0	125
Enervest Energy Partners	Pipeline	31.8	32.0	0.2	0.2	150	1	0	0	261
Unknown	Power Line	31.8	32.0	0.2			2			241
Midway St NW	Road	31.8	32.0	0.2			2			257
First Energy	Power Line	32.1	32.8	0.7	0.7	150	2	51	0	90
Dotwood St NW	Road	32.7	32.8	0.1			2			268
Lake Township Water	Utility	32.7	32.8	0.1			1			287
Stark County Sanitary Sewer	Utility	32.7	32.8	0.1			2			255
Dominion	Pipeline	32.7	32.8	0.1			2			296
AT&T	Utility	32.7	32.8	0.1			1			242
Unknown	Powerline	32.8	33.1	0.3	0.3	50	2	0-10	0	207
Unknown	Cable	32.9	32.9	0.1			1			58
Dominion East Ohio	Pipeline	32.9	33.0	0.1			2			288
Cleveland Ave	Road	33.1	33.2	0.2	0.2	150	2	72	25	50
Unknown	Power Line	33.1	33.2	0.2			2			84
Unknown	Telephone Line	33.1	33.2	0.2			2			14
Unknown	Sewer Line	33.3	33.7	0.4	0.4	20	1	0	0	90
First Energy	Power Line	35.4	36.0	0.6	0.6	200	2	25	0	84
First Energy	Power Line	36.0	36.4	0.3	0.3	150	2	25	0	174
Unknown	Power Line	36.2	36.4	0.2			1			75
Dominion East Ohio	Pipeline	36.4	36.9	0.4	0.4	50	2	0	0	100
East Ohio Gas Company	Pipeline	37.3	37.3	0.1	0.1	50	1	0-25	0	57
Unknown	Power Line	39.0	39.1	0.1	0.1	75	2	0	0	58
Unknown	Power Line	41.2	41.3	0.1	0.1	50	2, 3	0-25	0	60
Dominion East Ohio	Pipeline	41.3	41.5	0.3	0.3	50	2	0-50	0	70
Unknown	Power Line	41.5	42.0	0.5	0.5	60	2	0-50	0	84
Unknown	Power Line	41.5	41.7	0.2			1			89
Dominion East Ohio	Pipeline	41.9	42.0	0.1	0.1	60	2	10	0	54
Dominion East Ohio	Pipeline	42.2	42.6	0.4	0.4	60	2	13	0	44
Dominion East Ohio	Pipeline	43.3	43.5	0.2	0.2	60	2	0-20	0	96

C-1-2

APPENDIX C-1 (cont'd)

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
Ohio East Gas Company	Pipeline	43.3	43.5	0.2			2			101
Dominion East Ohio	Pipeline	43.8	44.0	0.2	0.2	60	1	0	0	75
Dominion East Ohio	Pipeline	44.3	44.7	0.4	0.4	60	2	25	0	71
Dominion East Ohio X2	Pipeline	44.8	45.2	0.4	0.4	60	2	13	0	67
Dominion East Ohio	Pipeline	45.3	46.3	1	2.0	60	1	0-30	0	26
Dominion East Ohio	Pipeline	46.2	47.3	1.1			2			47
First Energy	Power Line	47.8	49.1	1.4	1.4	150	2, 3	47	0	61
First Energy	Power Line	49.7	50.4	0.7	0.7	150	2	0-50	0	89
First Energy X2	Power Line	50.4	52.7	2.2	2.2	275	2	50	0	92
SH 585	Road	53.5	53.9	0.4	0.4	50	1	0	0	120
Unknown	Utility	54.0	54.1	0.1	0.1	30	1	0	0	17
Unknown	Power Line	54.5	54.6	0.1	0.1	50	1	0	0	158
Unknown	Cable	54.5	54.6	0.1			1			144
CR18	Road	57.7	58.0	0.3	0.3	60	3	0	0	247
Enervest Energy Partners	Pipeline	59.7	60.7	1	1.0	50	1	50	0	68
Dominion East Ohio	Pipeline	59.7	60.2	0.5		80	1			43
Bass Energy	Pipeline	59.9	60.7	0.8		50	1			64
Unknown	Power Line	66.4	66.4	0.1	0.1	50	1	0	0	96
Unknown	Pipeline	66.4	66.5	0.1			2			140
Unknown	Power Line	69.1	69.1	0.1	0.1	40	1	0	0	78
Columbia Gas	Pipeline	69.1	69.2	0.1			1			91
CSX	Railroad	69.5	69.8	0.4	0.4	82	2	0	0	110
Carlton Road	Road	72.0	72.5	0.5	0.5	62	3	0	0	206
Unknown	Power Line	72.0	72.5	0.5			2			172
Gatherco, Inc.	Pipeline	72.7	73.1	0.4	0.4	50	1	25	0	63
CSX	Railroad	73.2	73.6	0.4	0.5	107	1	50	0	110
Columbia Gas	Pipeline	73.4	73.7	0.3			1			65
CSX	Railroad	73.7	74.2	0.6	0.6	107	1	0	0	143
Columbia Gas X2	Pipeline	75.0	75.3	0.3	0.3	100	1	0	0	45
CSX	Railroad	75.6	75.8	0.3	0.3	95	1	0	0	250
Columbia Gas	Pipeline	75.7	76.4	0.7	0.7	50	1	50	0	68
Columbia Gas	Pipeline	80.4	81.2	0.9	0.9	150	2	40	0	62
First Energy	Power Line	80.4	81.2	0.9			2			75
First Energy	Power Line	81.6	82.5	0.9	0.9	150	2	40	0	75
First Energy	Power Line	82.6	83.2	0.7	0.7	150	2	49	0	95
Columbia Gas	Pipeline	82.9	83.1	0.2			1			180
First Energy	Power Line	83.5	83.7	0.2	0.5	150	1	43	0	93
First Energy	Power Line	85.0	85.3	0.3	0.3	150	2	53	0	86
First Energy	Power Line	86.9	87.8	0.9	0.9	150	2	63	0	77
Dominion X2	Pipeline	88.5	89.7	1.2	1.2	80	2	25	0	55
Dominion X2	Pipeline	91.3	92.0	0.9	0.9	80	2	25	0	68
Dominion X2	Pipeline	92.4	92.8	0.4	0.4	80	2	20	0	302
Dominion X2	Pipeline	93.3	93.4	0.1	0.1	86	1	0	0	235
Dominion X2	Pipeline	93.6	94.5	0.9	1.7	80	2	26	0	65
Buckeye Pipeline Company, LP	Pipeline	94.2	95.3	1.2			1			50

C-1-3

APPENDIX C-1 (cont'd)

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
Buckeye Pipeline Company, LP	Pipeline	95.6	97.1	1.5	1.5	35	1	15	0	44
Buckeye Pipeline Company, LP	Pipeline	98.3	99.0	0.7	0.7	50	1	25	0	45
North Coast Gas	Pipeline	98.3	99.0	0.7			1			52
Dominion X2	Pipeline	106.2	107.2	0.9	1.0	80	2	26	0	65
First Energy	Power Line	112.6	113.6	1	1.0	225	2	89	0	145
AEP Ohio	Power Line	112.6	113.6	1			2			50
AEP Ohio	Power Line	114.2	114.3	0.2	0.2	225	2	29	0	148
First Energy	Power Line	114.2	114.3	0.2			2			251
First Energy	Power Line	115.1	118.0	2.9	2.9	225	2	85	0	167
AEP Ohio	Power Line	115.1	118.0	2.9			2			60
Sanitary Sewer	Utility	118.1	119.2	1.1	1.1	225	1	15	0	61
First Energy	Power Line	118.3	119.2	0.9			1			140
Columbus Southern Power	Power Line	118.3	119.2	0.9			1			250
Unknown	Power Line	119.4	119.5	0.1	0.1	75	1	30	0	61
First Energy	Power Line	121.1	122.8	1.8	1.8	225	2	62	0	139
AEP Ohio	Power Line	121.1	122.8	1.8		225	2	93	0	50
Dominion X2	Pipeline	125.3	125.9	0.5	0.5	105	1	0	0	47
Dominion X2	Pipeline	127.0	127.7	0.7	0.7	102	2	29	0	133
Dominion	Pipeline	128.3	128.8	0.5	1.0	105	1	16	0	45
Ohio East Gas Company	Pipeline	128.4	129.3	1			1			77
Dominion X2	Pipeline	129.9	130.5	0.7	0.7	80	2	25	0	45
Dominion	Pipeline	130.9	132.0	1.1	1.1	80	2	25	0	74
I-80	Road	132.6	132.7	0.1	0.1	240	1	0	0	260
I-80	Road	132.8	133.4	0.6	0.6	240	1	0	0	230
Dominion	Pipeline	135.2	135.6	0.4	0.4	60	2	0	0	218
Dominion	Pipeline	137.5	138.9	1.4	1.5	80	2	24	0	64
Ohio East Gas Company	Pipeline	137.5	138.9	1.4			1			84
Ohio East Gas Company	Pipeline	139.6	140.4	0.7	0.7	80	1	24	0	85
Dominion	Pipeline	139.3	140.4	1			2			65
Dominion	Pipeline	140.8	140.9	0.1	0.1	80	1	0	0	125
Ohio East Gas Company	Pipeline	140.8	140.9	0.1			1			100
I-80	Road	144.8	144.9	0.1	0.1	240	2	0	0	240
CR 99	Road	146.5	146.6	0.1	0.1	28	2	11	0	100
Dominion	Pipeline	150.5	154.0	3.5	3.5	80	2	25	0	63
Ohio East Gas Company	Pipeline	150.5	154.0	3.5			1			26
Dominion	Pipeline	157.0	161.9	4.9	4.9	80	2	25	0	65
Ohio East Gas Company	Pipeline	157.0	161.9	4.9			1			85
Dominion	Pipeline	162.8	163.9	1.1	1.1	90	2	27	0	45
Ohio East Gas Company	Pipeline	162.8	163.9	1.1			2			75

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APPENDIX C-1 (cont'd)

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
Dominion	Pipeline	164.5	167.2	2.6	2.6	90	2	25	0	60
Ohio East Gas Company	Pipeline	164.5	167.2	2.6			1			95
Dominion	Pipeline	167.3	168.3	1	1.0	80	2	25	0	65
Ohio East Gas Company	Pipeline	167.3	168.3	1			1			
First Energy X2	Power Line	168.3	175.3	7	7.0	245	2	98	0	45
Kinder Morgan	Pipeline	173.8	174.2	0.4			1			45
First Energy X3	Power Line	176.3	179.0	2.6	2.6	245	2	100	0	48
First Energy X2	Power Line	184.1	185.4	1.3	1.3	200	1	80	0	60
First Energy	Power Line	187.6	188.1	0.4	0.4	200	1	0	0	50
AT&T	Fiber Optic	189.7	189.9	0.2	0.2	30	1, 2	15	0	58
First Energy X2	Power Line	192.5	193.7	1.2	1.2	150	2	29	0	88
First Energy X3	Power Line	200.7	204.5	3.8	3.8	150	2	34	0	48
First Energy X3	Power Line	205.3	208.3	3	3.0	150	2	27	0	78
				Ohio Total:	89.3					
MICHIGAN										
Mainline										
Transcanada X2	Pipeline	218.8	225.0	6.3	6.5	100	1	0-10	0	65
Britton Highway	Road	224.9	225.2	0.2			2			147
Unknown	Power Line	224.9	225.2	0.2			1			177
Transcanada X2	Pipeline	226.6	233.0	6.4	6.4	70	1	0-10	0	66
Transcanada X2	Pipeline	233.6	234.0	0.5	0.5	70	1	0-10	0	117
Transcanada X2	Pipeline	235.1	237.0	1.9	1.9	70	1	0-18	0	65
Petersburg Rd	Road	236.2	236.3	0.1			2			115
Transcanada X2	Pipeline	238.1	239.0	0.9	0.9	70	1	20	0	65
Unknown	Pipeline	238.3	238.4	0.1			1			129
Transcanada X2	Pipeline	239.2	239.3	0.1	0.1	70	1	0	0	250
Transcanada X2	Pipeline	239.7	241.6	1.9	2.0	70	1	20	0	65
Transcanada X2	Pipeline	242.4	242.5	0.1	0.1	70	1	0-10	0	284
BP	Pipeline	248.6	248.9	0.4	0.4	50	1	0	0	65
Michcon	Pipeline	248.9	249.2	0.3	0.3	50	1	0	0	64
Norfolk Southern Railway Company	Railroad	249.3	249.6	0.3	0.9	330	1	0	0	187
McKean Road	Road	249.5	250.4	0.9			2			84
Michigan Bell	Utility	249.7	249.9	0.1			1			135
Unknown	Power Line	249.7	250.2	0.5			1			52
YCUA Water	Utility	250.2	250.4	0.2			1			113
Michcon Gas X2	Pipeline	250.2	250.5	0.2			1			55
Ypsilanti County Utility	Sewer line	251.0	251.1	0.1	0.1	20	1	0-20	0	73
Michcon Gas (DTE)	Pipeline	251.1	252.0	0.8	0.9	200	1	0	0	45
Unknown X4	Power Line	251.1	252.0	0.9			1			70
Bridge Road	Road	251.1	251.4	0.3			2			160
DTE	Pipeline	251.1	251.4	0.3			1			194
YCUA Water	Utility	251.1	252.0	0.9			1			15
Unknown	Power Line	252.0	252.2	0.1	0.1	75	2	0	0	195
Transcanada X2	Pipeline	252.4	253.3	0.9	0.9	100	1	50	0	74
Michcon X2	Pipeline	252.4	253.3	0.9			1	50	0	52

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APPENDIX C-1 (cont'd)

Summary of NGT Pipeline Co-location with Existing Rights-of-Way

State, Facility, Utility ^a	Utility Type	Beginning Milepost ^a	Ending Milepost ^a	Length Adjacent to or Within Existing ROW (miles)	Total Co-location Length (miles)	Width of Existing Right-of-Way (feet)	Notes ^b	Width of Existing Right-of-Way Used for NGT Construction (feet)	Width of Existing Right-of-Way Used for NGT Operation (feet)	NEXUS Centerline Offset from Utility Centerline (feet) ^c
Ypsilanti County Utility Authority X3	Utility	252.4	253.5	0.2	1.0	100	1	100	0	163
ANR Transcanada Willow Run Fwy	Road	252.4	253.5	1.0						77
DTE X2	Pipeline	253.5	254.0	0.5	0.5	150	1	75		130
Ypsilanti County Water Authority X3	Utility	253.5	253.8	0.4			1			75
Old Escorse Rd	Road	253.5	253.7	0.2			1			116
Unknown	Power Line	253.5	253.7	0.2			1			40
Hydramatic Rd	Road	253.8	253.9	0.1			1			58
Ypsilanti County Water Authority	Utility	253.8	254.0	0.1			1			120
DTE Energy X2	Pipeline	254.6	254.8	0.2	0.2	80	1	80	0	70
Unknown	Power Line	254.6	254.7	0.1			1			100
Michigan Pipeline Total:					23.7					100
Total NGT Project Co-location with Existing Rights-of-Way:					113.0					118

a Approximate mileposts along the pipeline rounded to the nearest tenth.

b Notes: 1) Estimated maintained ROW and overlap widths are based on aerial photo interpretation; 2) Easement and overland widths obtained by civil survey or coordination with utility personnel; 3) Workspace associated with HDD. Utilities followed by 'X' and associated number, designates the number of utilities at crossing.

c Approximate offset due to existing utility centerline not being uniformly parallel.

APPENDIX C-2

SUMMARY OF ATWS ASSOCIATED WITH THE NGT PIPELINE PROJECT

APPENDIX C-2

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
OHIO									
TGP Interconnecting Pipeline									
Columbiana	ATWS-3700	0.0	0.1	Right	193	50	0.2	AG,ID,FW,OL	Road Crossing
Columbiana	ATWS-1869	0.0	0.1	Right	323	75	0.6	AG,ID,FW	Road Crossing
Columbiana	ATWS-4430	0.1	0.1	Left	124	20	0.1	ID,FW,RE	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4429	0.1	0.1	Left	118	20	0.1	ID,FW	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-3702	0.1	0.2	Left	348	25	0.2	AG,FW	Bend Installation
Columbiana	ATWS-1870	0.1	0.3	Right	928	50	1.1	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-1871	0.2	0.5	Left	1,420	25	0.8	AG,OL	Topsoil Segregation
Columbiana	ATWS-1872	0.5	0.6	Left	503	50	0.6	OL	Bend Installation and Road and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-3470	0.6	0.6	Right	100	75	0.2	ID,FW,OL	Road and Existing Pipeline Crossing
Columbiana	ATWS-3307	0.6	0.7	Right	345	50	0.4	ID,FW,OL	Road Crossing and Side Slope/ Hill Construction
Columbiana	ATWS-3306	0.6	0.6	Left	186	50	0.2	ID,OL	Road Crossing
Columbiana	ATWS-4423	0.6	0.6	Left	118	20	0.1	ID,FW,OL,RE	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4422	0.6	0.6	Left	68	25	0	ID,OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-2054	0.6	0.7	Left	106	50	0.1	ID,OL	Road and Waterbody Crossing
Columbiana	ATWS-4427	0.7	0.7	Left	150	25	0.1	OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4425	0.7	0.7	Left	150	20	0.1	AG,ID,OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4428	0.7	0.7	Left	50	78	0.1	OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4426	0.7	0.7	Left	190	20	0.1	AG,ID,OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
Columbiana	ATWS-4424	0.7	0.7	Left	99	25	0.1	ID,OL	Extending Width of Road Turn Radius for Vehicle/ Material Movement
TGP Interconnecting Pipeline - Subtotal							5.2		
Mainline									
Columbiana	ATWS-727	0.2	0.2	Right	252	50	0.3	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-3989	0.2	0.2	Left	148	25	0.1	AG,FW	Bend Installation
Columbiana	ATWS-1109	0.2	0.3	Right	486	25	0.3	AG	Topsoil Segregation
Columbiana	ATWS-3039	0.3	0.3	Right	102	50	0.1	AG	Topsoil Segregation and Existing Pipeline Crossing
Columbiana	ATWS-2354	0.3	0.4	Right	283	50	0.3	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-2355	0.4	0.5	Right	668	25	0.4	AG,OL	Topsoil Segregation
Columbiana	ATWS-725	0.7	0.7	Right	293	75	0.5	AG,OL	Topsoil Segregation, Wetland Crossing and Waterbody Crossing
Columbiana	ATWS-1092	0.7	0.8	Right	559	25	0.3	AG	Topsoil Segregation
Columbiana	ATWS-3041	0.8	0.9	Right	187	75	0.3	AG,OL	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-3040	0.9	0.9	Left	198	75	0.3	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-2340	0.9	0.9	Left	155	50	0.2	AG	Wetland Crossing and Topsoil Segregation
Columbiana	ATWS-2341	1.0	1.1	Left	358	50	0.4	AG,ID,FW,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-724	1.0	1.1	Right	208	75	0.4	AG,ID,FW,OL	Road Crossing
Columbiana	ATWS-1874	1.1	1.1	Left	239	75	0.4	AG,ID,OL	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Columbiana	ATWS-723	1.1	1.1	Right	195	50	0.2	AG,ID,FW	Road Crossing
Columbiana	ATWS-3301	1.1	1.1	Left	172	25	0.1	AG	Bend Installation
Columbiana	ATWS-3302	1.1	1.1	Right	157	25	0.1	AG,FW	Topsoil Segregation
Columbiana	ATWS-2345	1.2	1.3	Right	247	25	0.1	AG,FW	Topsoil Segregation
Columbiana	ATWS-3042	1.4	1.5	Right	411	25	0.2	AG	Topsoil Segregation
Columbiana	ATWS-3690	1.5	1.6	Left	154	25	0.1	FW	Steep Terrain Construction
Columbiana	ATWS-3043	1.6	1.6	Left	154	25	0.1	FW	Existing Pipeline Crossing
Columbiana	ATWS-2344	1.6	1.7	Left	327	25	0.2	FW	Bend Installation and Existing Pipeline Crossing
Columbiana	ATWS-2343	1.7	1.8	Right	466	25	0.3	AG,ID,FW	Bend and Sideslope Construction
Columbiana	ATWS-3691	1.8	1.8	Left	41	25	0	AG	Existing Pipeline Crossing
Columbiana	ATWS-3044	1.8	1.8	Left	220	50	0.3	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-2498	1.8	1.8	Right	125	50	0.1	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-3046	1.8	1.9	Right	467	25	0.3	AG,ID,OL,RE	Topsoil Segregation
Columbiana	ATWS-3045	1.8	1.9	Left	75	25	0	AG,OL	Existing Pipeline Crossing
Columbiana	ATWS-2342	1.9	2.0	Right	450	95	0.7	ID,OL,RE	Road and Waterbody Crossing
Columbiana	ATWS-2570	2.0	2.1	Left	286	100	0.7	AG,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-2618	2.0	2.1	Right	275	75	0.6	AG,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-3047	2.1	2.2	Right	167	75	0.3	AG,ID,OL	Road and Wetland Crossing
Columbiana	ATWS-1096	2.2	2.2	Right	177	75	0.3	AG,ID,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-4453	2.2	2.2	Left	123	50	0.1	AG	Road Crossing
Columbiana	ATWS-4452	2.2	2.2	Left	144	50	0.1	AG,ID,OL,RE	Existing Pipeline Crossing Access Around Waterbody
Columbiana	ATWS-3048	2.2	2.3	Left	343	25	0.2	AG	Bend Installation and Existing Pipeline Crossing
Columbiana	ATWS-1105	2.2	2.7	Right	2,566	25	1.5	AG,ID	Topsoil Segregation
Columbiana	ATWS-3990	2.4	2.4	Left	185	25	0.1	AG,FW	Bend Installation
Columbiana	ATWS-2225	2.7	2.9	Right	787	25	0.5	AG	Topsoil Segregation
Columbiana	ATWS-2226	2.9	3.1	Right	1,012	25	0.6	AG,FW,OL	Topsoil Segregation
Columbiana	ATWS-2228	3.1	3.1	Left	177	25	0.1	AG	Bend Installation
Columbiana	ATWS-4360	3.1	3.2	Right	284	25	0.2	AG	Topsoil Segregation
Columbiana	ATWS-4196	3.2	3.2	Left	100	25	0.1	AG,FW,OL	Existing Pipeline Crossing
Columbiana	ATWS-2227	3.2	3.3	Right	610	25	0.3	AG	Topsoil Segregation
Columbiana	ATWS-31	3.3	3.3	Right	170	100	0.3	AG,ID	Road Crossing
Columbiana	ATWS-30	3.3	3.4	Right	148	75	0.3	AG,ID	Road Crossing
Columbiana	ATWS-1111	3.4	3.4	Right	113	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-3992	3.5	3.5	Left	326	50	0.4	ID,FW	Road Crossing
Columbiana	ATWS-3703	3.5	3.5	Right	141	50	0.2	ID,FW	Road Crossing and Bend Installation
Columbiana	ATWS-3	3.5	3.5	Right	307	75	0.5	AG,ID,FW,OL	Road Crossing
Columbiana	ATWS-3991	3.5	3.5	Left	152	50	0.2	ID,FW,OL	Road Crossing
Columbiana	ATWS-4198	3.9	3.9	Left	105	50	0.1	FW,OL	Waterbody Crossing
Columbiana	ATWS-4197	3.9	3.9	Right	106	50	0.1	FW	Waterbody Crossing
Columbiana	ATWS-4200	3.9	3.9	Left	101	50	0.1	FW,OL	Waterbody Crossing
Columbiana	ATWS-4199	3.9	3.9	Right	103	50	0.1	FW	Waterbody Crossing
Columbiana	ATWS-569	4.0	4.2	Left	760	25	0.4	FW	Bend Installation
Columbiana	ATWS-570	4.0	4.1	Right	366	25	0.2	FW	Bend Installation and Topsoil Segregation
Columbiana	ATWS-1106	4.3	4.6	Right	1,297	25	0.7	AG,OL	Topsoil Segregation
Columbiana	ATWS-4345	4.4	4.4	Left	205	25	0.1	AG	Bend Installation
Columbiana	ATWS-3053	4.5	4.5	Left	305	25	0.2	AG	Bend Installation
Columbiana	ATWS-15	4.8	4.8	Right	370	75	0.6	AG,FW	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-3051	4.8	4.9	Left	406	50	0.5	AG	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-3050	4.9	5.0	Left	286	25	0.2	FW,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-3049	4.9	5.0	Right	317	50	0.4	OL	Road and Wetland Crossing
Columbiana	ATWS-4201	5.0	5.0	Left	279	25	0.2	ID,OL	Road, Waterbody and Wetland Crossing
Columbiana	ATWS-4	5.0	5.1	Right	245	75	0.4	AG,FW	Road Crossing
Columbiana	ATWS-633	5.0	5.1	Left	139	75	0.2	AG,ID	Road Crossing
Columbiana	ATWS-1107	5.1	5.1	Right	426	25	0.2	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Columbiana	ATWS-3071	5.1	5.2	Left	305	25	0.2	AG	Bend Installation
Columbiana	ATWS-498	5.1	5.2	Right	425	75	0.7	AG	Wetland Crossing, Topsoil Segregation and Side Slope Construction
Columbiana	ATWS-3993	5.2	5.2	Left	151	25	0.1	AG	Bend Installation
Columbiana	ATWS-27	5.5	5.6	Left	170	75	0.3	ID,FW,OL	Road Crossing
Columbiana	ATWS-2302	5.5	5.6	Left	158	75	0.3	ID,OL	Road and Wetland Crossing
Columbiana	ATWS-3994	5.7	5.7	Left	184	25	0.1	FW,RE	Bend Installation
Columbiana	ATWS-3704	5.7	5.8	Left	300	25	0.2	FW	Bend Installation
Columbiana	ATWS-571	5.9	5.9	Right	201	25	0.1	OL	Bend Installation and Topsoil Segregation
Columbiana	ATWS-4202	6.0	6.1	Right	300	25	0.2	AG	Bend Installation
Columbiana	ATWS-3298	6.1	6.2	Right	406	25	0.2	AG	Bend Installation and topsoil segregation
Columbiana	ATWS-1112	5.9	6.2	Left	1,761	25	1	AG,OL	Topsoil Segregation
Columbiana	ATWS-5	6.2	6.3	Right	255	50	0.3	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-3995	6.2	6.3	Left	262	25	0.2	AG	Bend Installation
Columbiana	ATWS-3693	6.3	6.3	Left	211	50	0.2	AG,ID	Road Crossing
Columbiana	ATWS-3692	6.3	6.3	Right	185	75	0.3	AG,ID	Road Crossing
Columbiana	ATWS-3694	6.3	6.4	Left	325	25	0.2	ID,OL,RE	Road Crossing and Bend Installation
Columbiana	ATWS-3300	6.4	6.4	Right	65	50	0.1	OL	Waterbody and Wetland Crossing
Columbiana	ATWS-3695	6.5	6.5	Left	195	50	0.2	AG,OL	Waterbody and Wetland Crossing
Columbiana	ATWS-20	6.5	6.5	Right	197	75	0.3	AG	Waterbody and Wetland Crossing
Columbiana	ATWS-1113	6.5	6.6	Right	709	25	0.4	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-3696	6.5	6.6	Left	397	25	0.2	AG	Bend Installation
Columbiana	ATWS-3697	6.6	6.7	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-3699	6.6	6.8	Left	586	25	0.3	AG	Bend Installation
Columbiana	ATWS-4358	6.7	6.7	Right	113	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-3698	6.7	6.9	Right	683	25	0.4	AG	Topsoil Segregation
Columbiana	ATWS-3054	6.9	6.9	Left	196	25	0.1	OL	Bend Installation
Columbiana	ATWS-2552	6.9	7.0	Right	196	50	0.2	OL	Bend Installation and Topsoil Segregation
Columbiana	ATWS-2555	7.0	7.1	Right	553	25	0.3	OL	Topsoil Segregation
Columbiana	ATWS-4371	7.0	7.2	Left	686	25	0.4	OL	Bend Installation
Columbiana	ATWS-2554	7.1	7.2	Right	537	25	0.3	OL	Topsoil Segregation
Columbiana	ATWS-2560	7.3	7.3	Right	398	25	0.2	OL	Bend Installation and Topsoil Segregation
Columbiana	ATWS-2559	7.3	7.4	Left	348	25	0.2	FW,OL	Bend Installation
Columbiana	ATWS-4462	7.4	7.4	Right	429	25	0.2	FW,OL	Topsoil Segregation
Columbiana	ATWS-2561	7.5	7.6	Right	607	25	0.3	AG,OL	Topsoil Segregation
Columbiana	ATWS-3996	7.5	7.6	Left	239	25	0.1	AG,OL	Bend Installation
Columbiana	ATWS-2562	7.6	7.7	Right	239	75	0.4	AG,ID,OL	Road Crossing and Bend Installation
Columbiana	ATWS-2563	7.6	7.7	Left	321	50	0.4	AG,ID	Road Crossing and Bend Installation
Columbiana	ATWS-2565	7.7	7.7	Right	185	75	0.3	ID,FW,OL,RE	Road Crossing
Columbiana	ATWS-2564	7.7	7.7	Left	152	50	0.2	ID,FW,OL	Road Crossing
Columbiana	ATWS-4203	7.8	7.8	Left	80	25	0	OL	Existing Pipeline Crossing
Columbiana	ATWS-4205	7.8	7.8	Right	126	25	0.1	FW,OL	Bend Installation
Columbiana	ATWS-4204	7.8	7.9	Right	327	75	0.6	FW,OL	HDD Entry Location
Columbiana	ATWS-4206	7.8	7.9	Left	464	25	0.3	OL	HDD Entry Location
Columbiana	ATWS-3997	8.3	8.5	Right	665	125	1.9	AG,FW	HDD Exit Location
Columbiana	ATWS-3999	8.4	8.5	Left	340	50	0.4	AG	HDD Exit Location
Columbiana	ATWS-3998	8.5	8.6	Right	695	25	0.4	AG	Topsoil Segregation
Columbiana	ATWS-3056	8.6	8.6	Left	107	25	0.1	AG	Existing Pipeline Crossing
Columbiana	ATWS-3055	8.6	8.6	Left	175	50	0.2	AG	Existing Pipeline Crossing and Bend Installation
Columbiana	ATWS-4207	8.6	8.6	Left	2,309	100	5.3	AG,OL,RE	HDD Pull Back String
Columbiana	ATWS-3057	8.6	8.9	Left	1,127	25	0.6	AG	Topsoil Segregation
Columbiana	ATWS-3059	8.9	8.9	Left	330	50	0.4	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-3058	8.9	9.0	Left	111	50	0.1	AG	Topsoil Segregation and Existing Pipeline Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Columbiana	ATWS-2557	9.7	9.8	Right	126	50	0.1	AG	Waterbody Crossing
Columbiana	ATWS-652	9.7	9.8	Left	115	75	0.2	AG	Waterbody Crossing
Columbiana	ATWS-653	9.8	9.8	Left	115	75	0.2	AG	Waterbody Crossing
Columbiana	ATWS-2556	9.8	9.8	Right	114	50	0.1	AG	Waterbody Crossing
Columbiana	ATWS-3317	9.8	9.8	Left	234	50	0.3	AG,FW	Bend Installation and Topsoil Segregation
Columbiana	ATWS-1117	9.9	9.9	Left	224	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-3316	9.9	9.9	Left	110	50	0.1	AG	Road Crossing
Columbiana	ATWS-3314	9.9	10.0	Left	106	50	0.1	AG,RE	Road Crossing
Columbiana	ATWS-3315	10.0	10.0	Left	197	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-8	10.0	10.0	Left	179	75	0.3	AG,ID	Road Crossing
Columbiana	ATWS-4208	10.1	10.1	Left	82	75	0.1	OL	Road Crossing
Columbiana	ATWS-25	10.1	10.1	Left	75	50	0.1	OL	Topsoil Segregation and Driveway Crossing
Columbiana	ATWS-3706	10.1	10.2	Left	340	25	0.2	AG,OL	Topsoil Segregation
Columbiana	ATWS-4000	10.2	10.2	Left	200	50	0.2	AG	Bend Installation and Topsoil Segregation
Columbiana	ATWS-1118	10.2	10.3	Right	465	25	0.3	AG	Bend Installation
Columbiana	ATWS-4001	10.2	10.3	Left	222	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-604	10.3	10.3	Right	303	75	0.5	AG,OL	Wetland Crossing
Columbiana	ATWS-3296	10.3	10.3	Left	151	50	0.2	AG,OL	Bend Installation and Topsoil Segregation
Columbiana	ATWS-3707	10.3	10.4	Right	275	25	0.2	AG,FW	Topsoil Segregation
Columbiana	ATWS-3709	10.5	10.5	Left	120	50	0.1	ID,FW,OL	Road Crossing
Columbiana	ATWS-3313	10.5	10.5	Right	150	75	0.3	AG,ID,FW,OL	Road Crossing
Columbiana	ATWS-3708	10.5	10.6	Left	298	50	0.3	AG,ID,FW	Road Crossing
Columbiana	ATWS-9	10.5	10.6	Right	192	75	0.3	AG,ID	Road Crossing
Columbiana	ATWS-3711	10.6	10.6	Left	281	50	0.3	AG,FW	Waterbody Crossing
Columbiana	ATWS-640	10.6	10.6	Right	79	75	0.1	AG,FW	Waterbody and Wetland Crossing
Columbiana	ATWS-3710	10.6	10.6	Right	61	25	0	AG	Topsoil Segregation
Columbiana	ATWS-2151	10.6	10.6	Right	134	75	0.2	AG	Waterbody Crossing
Columbiana	ATWS-3312	10.6	10.7	Right	302	25	0.2	AG	Topsoil Segregation
Columbiana	ATWS-3060	10.7	10.8	Right	313	50	0.4	AG,OL	Bend Installation and Topsoil Segregation
Columbiana	ATWS-4346	10.7	10.8	Left	200	25	0.1	AG	Bend Installation
Columbiana	ATWS-2290	10.8	10.9	Right	833	25	0.5	AG	Topsoil Segregation
Columbiana	ATWS-2288	10.9	11.0	Right	133	75	0.2	AG	Waterbody and Wetland Crossing.
Columbiana	ATWS-2289	10.9	11.0	Left	123	50	0.1	AG	Waterbody and Wetland Crossing.
Columbiana	ATWS-2287	11.0	11.0	Left	160	75	0.3	OL	Waterbody and Wetland Crossing.
Columbiana	ATWS-3061	11.0	11.1	Right	145	75	0.3	AG,OL	Waterbody and Wetland Crossing.
Columbiana	ATWS-3063	11.1	11.1	Left	250	25	0.1	OL	Bend Installation
Columbiana	ATWS-3062	11.1	11.1	Right	110	25	0.1	OL	Topsoil Segregation
Columbiana	ATWS-2286	11.1	11.1	Right	186	25	0.1	OL	Topsoil Segregation
Columbiana	ATWS-2493	11.1	11.2	Left	300	75	0.5	OL	Bend Installation and Rail, Waterbody and Wetland Crossing
Columbiana	ATWS-2635	11.1	11.2	Right	330	250	1	OL	Rail, Waterbody and Wetland Crossing
Columbiana	ATWS-2492	11.2	11.3	Left	225	75	0.4	FW,OL	Rail, Waterbody and Wetland Crossing
Columbiana	ATWS-2279	11.2	11.3	Right	207	100	0.5	FW,OL	Rail, Waterbody and Wetland Crossing
Columbiana	ATWS-2285	11.3	11.3	Left	141	50	0.2	ID,OL	Road and Wetland Crossing
Columbiana	ATWS-2278	11.3	11.4	Right	110	50	0.1	ID,OL,RE	Road Crossing
Columbiana	ATWS-4209	11.3	11.4	Left	169	25	0.1	ID,OL	Road Crossing
Columbiana	ATWS-2277	11.4	11.4	Right	152	50	0.2	ID,OL	Road Crossing
Columbiana	ATWS-4002	11.4	11.4	Left	64	25	0	OL,RE	Bend Installation
Columbiana	ATWS-2276	11.4	11.7	Right	1,094	25	0.6	AG,FW	Topsoil Segregation
Columbiana	ATWS-4210	11.5	11.6	Left	296	25	0.2	AG	Bend Installation
Columbiana	ATWS-4211	11.6	11.6	Left	250	25	0.1	AG	Bend Installation
Columbiana	ATWS-3712	11.7	11.7	Right	131	25	0.6	AG,FW	Bend Installation
Columbiana	ATWS-3064	11.7	11.8	Left	659	25	0.4	AG,RE	Topsoil Segregation
Columbiana	ATWS-1122	11.9	12.2	Left	1,696	25	1	AG,OL	Topsoil Segregation
Columbiana	ATWS-729	12.2	12.2	Left	152	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Columbiana	ATWS-3291	12.3	12.3	Left	297	75	0.5	AG,OL	Waterbody and Existing Pipeline Crossing and Topsoil Segregation
Columbiana	ATWS-3713	12.4	12.4	Left	252	25	0.1	AG	Topsoil Segregation
Columbiana	ATWS-33	12.4	12.5	Left	226	75	0.4	AG,ID,OL	Road Crossing
Columbiana	ATWS-18	12.5	12.5	Left	348	75	0.6	AG,ID,OL	Road Crossing
Stark	ATWS-34	12.5	12.6	Left	263	75	0.5	AG,ID	Road Crossing
Stark	ATWS-1124	12.6	12.9	Left	1,540	25	0.9	AG	Topsoil Segregation
Stark	ATWS-4003	13.0	13.0	Left	323	60	0.4	AG	Drag Section for Wetland Crossing
Stark	ATWS-3714	13.0	13.0	Left	261	50	0.3	AG,FW,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Stark	ATWS-3715	13.0	13.1	Left	120	25	0.1	FW	Bend Installation and Topsoil Segregation
Stark	ATWS-3290	13.1	13.2	Left	237	50	0.3	ID,OL,RE	Road and Wetland Crossing
Stark	ATWS-80	13.1	13.2	Right	216	75	0.4	ID,OL,RE	Road and Wetland Crossing
Stark	ATWS-3716	13.2	13.2	Left	155	50	0.2	ID,FW,OL	Road Crossing
Stark	ATWS-667	13.2	13.2	Right	287	50	0.3	ID,FW,OL	Road Crossing
Stark	ATWS-3319	13.3	13.3	Left	284	25	0.2	OL,RE	Bend Installation
Stark	ATWS-3320	13.3	13.4	Right	376	25	0.2	AG,OL	Topsoil Segregation
Stark	ATWS-4485	13.3	13.4	Right	314	25	0.2	AG,OL,OW	Access To Hydrostatic Test Water
Stark	ATWS-3293	13.3	13.4	Left	122	50	0.1	AG,OL	Bend Installation and Waterbody and Wetland Crossing
Stark	ATWS-3294	13.4	13.4	Right	100	75	0.2	AG	Waterbody Crossing
Stark	ATWS-3295	13.4	13.4	Right	104	75	0.2	AG	Waterbody Crossing
Stark	ATWS-3292	13.4	13.4	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-1126	13.4	13.5	Right	347	25	0.2	AG	Topsoil Segregation
Stark	ATWS-4486	13.4	13.5	Right	880	25	0.6	AG,FW,OL, OW,RE	Access To Hydrostatic Test Water
Stark	ATWS-3717	13.5	13.5	Right	205	25	0.1	FW,OL	Topsoil Segregation
Stark	ATWS-3318	13.5	13.6	Right	399	50	0.5	AG,OL	Bend Installation and Topsoil Segregation
Stark	ATWS-4212	13.5	13.6	Left	200	25	0.1	AG,OL	Bend Installation
Stark	ATWS-2010	13.6	13.6	Right	163	75	0.3	AG	Waterbody and Wetland Crossing
Stark	ATWS-3718	13.6	13.7	Right	54	25	0	AG	Topsoil Segregation
Stark	ATWS-2230	13.7	13.8	Right	278	25	0.2	OL	Topsoil Segregation
Stark	ATWS-35	14.0	14.0	Right	111	50	0.1	FW	Road, Waterbody and Wetland Crossing
Stark	ATWS-3726	14.0	14.1	Left	222	50	0.3	FW	Road and Waterbody Crossing
Stark	ATWS-666	14.0	14.1	Right	578	75	1	AG,ID,OL	Road, Waterbody and Wetland Crossing
Stark	ATWS-3719	14.1	14.2	Right	82	75	0.1	AG,ID,OL	Bend Installation and Road Crossing
Stark	ATWS-642	14.1	14.2	Left	153	195	0.4	AG	Road Crossing
Stark	ATWS-1128	14.2	14.4	Left	975	25	0.6	AG,OL	Bend Installation
Stark	ATWS-3720	14.2	14.3	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-1129	14.3	14.6	Right	1,410	25	0.8	AG	Topsoil Segregation
Stark	ATWS-3727	14.5	14.6	Left	101	25	0.1	AG	Existing Pipeline Crossing
Stark	ATWS-685	14.6	14.7	Right	440	50	0.5	AG,FW	Bend Installation and Topsoil Segregation
Stark	ATWS-4213	14.6	14.7	Left	329	25	0.2	AG	Bend Installation
Stark	ATWS-1130	14.7	14.7	Right	259	25	0.1	AG	Topsoil Segregation
Stark	ATWS-36	14.7	14.8	Left	189	50	0.2	AG,ID,OL	Road Crossing
Stark	ATWS-3065	14.7	14.8	Right	163	75	0.3	AG,ID,OL	Road Crossing
Stark	ATWS-4214	14.8	14.8	Right	200	75	0.3	AG,ID,OL	Road and Wetland Crossing
Stark	ATWS-1131	14.8	14.8	Left	164	50	0.2	AG,ID,OL	Road Crossing
Stark	ATWS-1132	14.8	15.0	Right	850	25	0.5	AG	Topsoil Segregation
Stark	ATWS-499	15.0	15.0	Right	290	75	0.5	AG	Wetland Crossing and Topsoil Segregation
Stark	ATWS-4005	15.0	15.0	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-4531	15.0	15.1	Right	245	25	0.1	AG,OL	Topsoil Segregation
Stark	ATWS-4479	15.1	15.2	Left	75	25	0	AG,FW	Existing Pipeline Crossing
Stark	ATWS-1878	15.2	15.3	Right	517	75	0.9	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Stark	ATWS-4006	15.5	15.5	Left	226	25	0.1	AG	Bend Installation
Stark	ATWS-1134	15.5	15.7	Right	1,229	25	0.7	AG	Topsoil Segregation
Stark	ATWS-3722	15.7	15.7	Left	268	50	0.3	AG	Wetland Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-1879	15.7	15.7	Right	90	25	0.1	AG	Wetland Crossing
Stark	ATWS-3721	15.8	15.8	Left	120	50	0.1	AG,OL	Bend Installation and Topsoil Segregation
Stark	ATWS-3311	15.8	15.8	Right	360	75	0.6	AG	Bend Installation, Topsoil Segregation and Wetland Crossing
Stark	ATWS-4458	15.8	15.9	Left	730	25	0.4	AG	Bend Installation
Stark	ATWS-3310	16.0	16.0	Left	269	25	0.2	AG	Existing Pipeline Crossing
Stark	ATWS-37	15.8	16.2	Right	1,659	25	1	AG	Topsoil Segregation
Stark	ATWS-1135	16.2	16.2	Right	167	75	0.3	AG, ID	Topsoil Segregation
Stark	ATWS-38	16.2	16.2	Right	201	75	0.3	AG,ID	Road Crossing
Stark	ATWS-39	16.2	16.3	Left	296	50	0.3	AG,ID	Road Crossing
Stark	ATWS-1136	16.2	16.4	Right	841	25	0.5	AG	Topsoil Segregation
Stark	ATWS-4456	16.4	16.4	Left	293	25	0.2	AG,OL	Bend Installation
Stark	ATWS-4457	16.4	16.4	Right	181	25	0.1	FW,OL	Bend Installation
Stark	ATWS-3723	16.5	16.6	Right	494	25	0.3	AG	Topsoil Segregation
Stark	ATWS-4455	16.5	16.6	Left	174	25	0.1	AG	Bend Installation
Stark	ATWS-3725	16.6	16.7	Right	329	25	0.2	AG, OL	Topsoil Segregation
Stark	ATWS-40	16.7	16.7	Right	140	75	0.2	AG	Road Crossing
Stark	ATWS-4007	16.7	16.7	Left	197	50	0.2	AG,ID	Road Crossing
Stark	ATWS-4480	16.8	16.9	Right	353	75	0.6	AG,FW	Waterbody and Wetland Crossing
Stark	ATWS-1880	16.9	17.0	Right	223	25	0.1	AG,OL	Topsoil Segregation
Stark	ATWS-2006	16.9	17.0	Right	330	50	0.4	AG	Wetland Crossing and Topsoil Segregation
Stark	ATWS-42	17.0	17.1	Right	514	75	0.9	AG, FW	Waterbody, Wetland and Rail / Trail Crossing
Stark	ATWS-4454	17.3	17.4	Right	468	25	0.3	AG	Topsoil Segregation
Stark	ATWS-730	17.4	17.5	Right	311	50	0.4	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-4215	17.4	17.5	Left	195	25	0.1	AG	Bend Installation
Stark	ATWS-551	17.5	17.6	Right	567	25	0.3	AG	Topsoil Segregation
Stark	ATWS-1138	17.6	17.6	Right	165	75	0.3	AG	Wetland Crossing
Stark	ATWS-1140	17.7	17.7	Right	237	25	0.1	AG,FW	Topsoil Segregation
Stark	ATWS-4481	17.7	17.7	Left	74	25	0	AG,FW	Existing Pipeline Crossing
Stark	ATWS-4216	17.7	17.8	Left	171	50	0.2	AG	Road Crossing
Stark	ATWS-44	17.7	17.8	Right	153	75	0.3	AG,OL	Waterbody Crossing
Stark	ATWS-43	17.8	17.8	Right	224	75	0.4	AG	Waterbody Crossing
Stark	ATWS-4217	17.8	17.8	Left	125	50	0.1	AG	Road and Waterbody Crossing
Stark	ATWS-1139	17.8	17.9	Right	458	25	0.3	AG	Topsoil Segregation
Stark	ATWS-1141	18.0	18.2	Right	916	25	0.5	AG,OL	Topsoil Segregation
Stark	ATWS-1881	18.2	18.3	Right	458	25	0.3	AG,OL	Topsoil Segregation
Stark	ATWS-3066	18.3	18.3	Left	292	50	0.3	AG,OL	Road Crossing
Stark	ATWS-45	18.3	18.3	Right	220	75	0.4	AG,OL	Road Crossing and Bend Installation
Stark	ATWS-1142	18.3	18.5	Right	832	25	0.5	AG,ID,OL,RE	Topsoil Segregation
Stark	ATWS-46	18.3	18.4	Left	130	50	0.1	AG,ID,RE	Road Crossing
Stark	ATWS-47	18.4	18.5	Left	509	25	0.3	AG,RE	Bend Installation
Stark	ATWS-48	18.5	18.6	Right	377	75	0.6	AG,ID	Rail and Road Crossing
Stark	ATWS-49	18.6	18.7	Right	335	125	1	AG	Rail and Road Crossing
Stark	ATWS-50	18.6	18.7	Left	346	75	0.6	AG,OL	Rail and Road Crossing
Stark	ATWS-2239	18.7	18.9	Right	1,038	25	0.6	AG	Topsoil Segregation
Stark	ATWS-2238	18.9	19.0	Right	330	50	0.4	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Stark	ATWS-4218	18.9	18.9	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-2240	19.0	19.3	Right	1,587	25	0.9	AG,OL	Topsoil Segregation
Stark	ATWS-2241	19.2	19.3	Left	198	25	0.1	AG	Bend Installation
Stark	ATWS-2924	19.3	19.3	Right	154	75	0.3	AG	Waterbody and Wetland Crossing
Stark	ATWS-2543	19.5	19.6	Right	881	75	1.5	AG,ID,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Stark	ATWS-2547	19.6	19.6	Left	323	50	0.4	AG,ID	Road Crossing
Stark	ATWS-2546	19.6	19.7	Left	151	50	0.2	AG,ID	Road Crossing
Stark	ATWS-2545	19.6	19.7	Right	150	75	0.3	AG,ID	Road Crossing
Stark	ATWS-3068	19.7	19.8	Right	1,010	25	0.6	AG,FW	Topsoil Segregation
Stark	ATWS-3067	19.8	19.9	Right	250	50	0.3	AG,FW	Bend Installation and Topsoil Segregation
Stark	ATWS-4219	19.9	19.9	Left	177	25	0.1	AG	Bend Installation
Stark	ATWS-2572	19.9	20.3	Right	2,083	25	1.2	AG	Topsoil Segregation
Stark	ATWS-3069	19.9	20.0	Left	300	25	0.2	AG	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-3070	20.1	20.2	Left	297	25	0.2	AG	Bend Installation
Stark	ATWS-2534	20.3	20.4	Right	375	125	1.1	AG	Road Crossing
Stark	ATWS-3126	20.3	20.4	Left	271	75	0.5	AG	Road Bore Pull Back String
Stark	ATWS-2535	20.3	20.4	Left	241	75	0.4	AG	Road Crossing
Stark	ATWS-2573	20.4	20.5	Right	307	75	0.5	FW,OL	Waterbody, Wetland and Road Crossing
Stark	ATWS-2575	20.4	20.5	Left	177	75	0.3	FW,OL	Road and Waterbody Crossing
Stark	ATWS-4220	20.5	20.6	Right	340	125	1	AG	Waterbody Crossing and Topsoil Segregation
Stark	ATWS-4347	20.5	20.6	Left	300	25	0.2	AG	Bend Installation
Stark	ATWS-2574	20.6	20.7	Right	658	25	0.4	AG	Topsoil Segregation
Stark	ATWS-2588	20.7	20.8	Right	286	75	0.5	AG,ID	Road Crossing
Stark	ATWS-3073	20.7	20.8	Left	211	50	0.2	AG,ID	Road Crossing
Stark	ATWS-3072	20.8	20.8	Left	241	50	0.3	AG	Road Crossing
Stark	ATWS-2587	20.8	20.8	Right	165	75	0.3	AG,ID	Road Crossing
Stark	ATWS-2577	20.8	21.1	Right	1,550	25	0.9	AG	Topsoil Segregation
Stark	ATWS-2470	21.1	21.2	Right	251	75	0.4	AG,ID	Road Crossing and Bend Installation
Stark	ATWS-2468	21.1	21.2	Left	359	50	0.4	AG,ID	Road Crossing and Bend Installation
Stark	ATWS-2467	21.2	21.2	Right	238	75	0.4	AG,ID	Road Crossing
Stark	ATWS-2469	21.2	21.2	Left	185	50	0.2	AG,ID	Road Crossing
Stark	ATWS-2576	21.2	21.3	Right	368	25	0.2	AG	Topsoil Segregation
Stark	ATWS-3127	21.3	21.3	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-4008	21.3	21.3	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-2583	21.3	21.7	Right	1,814	25	1	AG,ID	Topsoil Segregation
Stark	ATWS-2497	21.6	21.7	Left	207	75	0.4	AG,ID	Road Crossing
Stark	ATWS-2581	21.7	21.7	Left	179	75	0.3	AG,ID	Road Crossing
Stark	ATWS-2582	21.7	21.7	Right	228	75	0.4	AG,ID	Road Crossing
Stark	ATWS-2586	21.7	21.8	Right	145	25	0.1	AG	Topsoil Segregation
Stark	ATWS-3128	21.7	21.8	Left	197	50	0.2	AG	Waterbody Crossing
Stark	ATWS-2585	21.8	21.8	Right	102	75	0.2	AG,OL	Waterbody Crossing
Stark	ATWS-3129	21.8	21.8	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-2584	21.8	21.8	Right	108	75	0.2	AG	Waterbody Crossing
Stark	ATWS-2580	21.8	22.0	Right	824	25	0.5	AG	Topsoil Segregation
Stark	ATWS-4009	21.8	21.9	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-2283	22.0	22.0	Left	199	50	0.2	AG,OL	Road and Waterbody Crossing
Stark	ATWS-2755	22.0	22.1	Right	341	75	0.6	AG	Road and Waterbody Crossing
Stark	ATWS-2282	22.0	22.1	Left	490	50	0.6	AG,ID	Road and Waterbody Crossing
Stark	ATWS-2471	22.1	22.1	Right	249	75	0.4	AG,ID	Road and Waterbody Crossing
Stark	ATWS-2908	22.1	22.2	Right	529	25	0.3	AG	Topsoil Segregation
Stark	ATWS-3201	22.2	22.2	Left	100	25	0.1	AG	Bend Installation
Stark	ATWS-2303	22.2	22.2	Left	126	75	0.2	AG,ID	Road and Waterbody Crossing
Stark	ATWS-2601	22.2	22.2	Right	254	75	0.4	AG,ID	Waterbody, Wetland and Road Crossing
Stark	ATWS-2602	22.3	22.3	Right	148	75	0.3	AG,OL	Waterbody, Wetland and Road Crossing
Stark	ATWS-1154	22.3	22.7	Right	2,194	25	1.3	AG	Topsoil Segregation
Stark	ATWS-4010	22.5	22.6	Left	300	25	0.2	AG	Bend Installation
Stark	ATWS-3202	22.7	22.8	Left	145	50	0.2	AG,OL	Waterbody Crossing
Stark	ATWS-689	22.7	22.7	Right	105	75	0.2	AG,OL	Waterbody Crossing
Stark	ATWS-688	22.8	22.8	Right	142	75	0.2	AG	Waterbody Crossing
Stark	ATWS-3203	22.8	22.8	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-1885	22.8	23.0	Right	1,008	25	0.6	AG	Topsoil Segregation
Stark	ATWS-3207	23.0	23.0	Right	125	50	0.1	AG	Waterbody Crossing
Stark	ATWS-3204	23.0	23.0	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-3205	23.0	23.0	Left	131	50	0.2	AG	Waterbody Crossing
Stark	ATWS-3206	23.0	23.0	Right	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-4401	23.0	23.1	Right	285	25	0.2	AG	Topsoil Segregation
Stark	ATWS-2002	23.1	23.1	Left	75	25	0	AG	Existing Pipeline Crossing
Stark	ATWS-2003	23.1	23.1	Left	76	25	0	AG	Existing Pipeline Crossing
Stark	ATWS-1155	23.1	23.2	Right	685	25	0.4	AG	Topsoil Segregation
Stark	ATWS-3130	23.2	23.2	Left	136	25	0.1	AG	Road Crossing
Stark	ATWS-60	23.2	23.2	Right	136	75	0.2	AG	Road Crossing
Stark	ATWS-59	23.2	23.3	Right	130	75	0.2	AG,ID	Road and Existing Pipeline Crossing
Stark	ATWS-2001	23.2	23.3	Left	305	50	0.3	AG,ID	Road and Existing Pipeline Crossing
Stark	ATWS-1156	23.3	23.5	Right	1,116	25	0.6	AG	Topsoil Segregation
Stark	ATWS-3133	23.5	23.5	Left	170	25	0.1	AG,ID	Road Crossing
Stark	ATWS-3132	23.5	23.6	Right	345	75	0.6	AG,ID	Road Crossing
Stark	ATWS-3131	23.5	23.6	Left	337	25	0.2	ID,OL	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-61	23.6	23.6	Right	157	75	0.3	ID,OL	Road Crossing
Stark	ATWS-1157	23.6	23.8	Right	1,271	25	0.7	FW,OL	Topsoil Segregation
Stark	ATWS-734	23.8	23.9	Right	307	50	0.4	AG,OL	Bend Installation and Topsoil Segregation
Stark	ATWS-4011	23.8	23.9	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-1158	23.9	24.1	Right	1,083	25	0.6	AG	Topsoil Segregation
Stark	ATWS-733	23.9	24.0	Left	295	15	0.1	AG	Bend Installation
Stark	ATWS-10	24.1	24.1	Right	75	50	0.1	AG	Waterbody Crossing
Stark	ATWS-2	24.1	24.1	Right	97	50	0.1	AG	Waterbody Crossing
Stark	ATWS-1886	24.1	24.2	Right	408	25	0.2	AG	Topsoil Segregation
Stark	ATWS-3074	24.2	24.2	Left	171	50	0.2	AG,ID,OL	Road Crossing
Stark	ATWS-64	24.2	24.2	Right	168	75	0.3	AG,ID	Road Crossing
Stark	ATWS-63	24.2	24.3	Right	152	75	0.3	AG,ID	Road Crossing
Stark	ATWS-1159	24.3	24.4	Right	868	25	0.5	AG	Topsoil Segregation
Stark	ATWS-4221	24.4	24.5	Left	300	25	0.2	AG	Bend Installation
Stark	ATWS-1160	24.4	24.5	Right	304	75	0.5	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Stark	ATWS-77	24.7	24.7	Right	275	75	0.5	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Stark	ATWS-1162	24.7	25.0	Right	1,316	25	0.8	AG,OL	Topsoil Segregation
Stark	ATWS-65	25.0	25.0	Right	98	75	0.2	AG,OL	Road Crossing
Stark	ATWS-2936	25.0	25.0	Left	97	50	0.1	AG,OL	Road Crossing
Stark	ATWS-2937	25.0	25.0	Left	96	50	0.1	ID,OL	Road Crossing
Stark	ATWS-66	25.0	25.0	Right	94	75	0.2	ID,OL	Road Crossing
Stark	ATWS-1161	25.0	25.1	Right	267	25	0.2	OL	Topsoil Segregation
Stark	ATWS-550	25.2	25.2	Left	268	25	0.2	FW,OL	Bend Installation
Stark	ATWS-1164	25.3	25.3	Right	262	25	0.2	AG,FW	Topsoil Segregation
Stark	ATWS-3134	25.3	25.4	Right	380	50	0.4	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-4012	25.3	25.4	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-1165	25.4	25.4	Right	148	75	0.3	AG	Wetland Crossing
Stark	ATWS-1166	25.5	25.5	Right	266	50	0.3	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Stark	ATWS-4013	25.5	25.5	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-573	25.5	25.5	Right	118	75	0.2	AG	Road Crossing
Stark	ATWS-2938	25.5	25.6	Left	180	50	0.2	AG,ID	Road Crossing
Stark	ATWS-67	25.5	25.6	Right	200	75	0.3	AG,ID,OL	Road Crossing
Stark	ATWS-2939	25.6	25.6	Left	140	50	0.2	AG,ID,OL	Road Crossing
Stark	ATWS-1167	25.6	25.7	Right	718	25	0.4	AG	Topsoil Segregation
Stark	ATWS-3135	25.7	25.7	Left	108	50	0.1	AG,FW	Waterbody Crossing
Stark	ATWS-646	25.7	25.7	Right	147	75	0.3	AG	Waterbody Crossing
Stark	ATWS-3136	25.7	25.8	Left	153	50	0.2	AG	Waterbody Crossing
Stark	ATWS-645	25.8	25.8	Right	96	75	0.2	AG	Waterbody Crossing
Stark	ATWS-1163	25.8	25.9	Right	711	25	0.4	AG,FW	Topsoil Segregation
Stark	ATWS-3468	26.0	26.0	Left	102	25	0.1	FW	Existing Pipeline Crossing
Stark	ATWS-3208	26.0	26.0	Left	69	25	0	FW,OL	Existing Pipeline Crossing
Stark	ATWS-1171	26.1	26.3	Right	1,007	25	0.6	AG,FW	Topsoil Segregation
Stark	ATWS-2000	26.3	26.3	Right	155	50	0.2	AG	Extra Workspace for Construction Near Residential Building
Stark	ATWS-68	26.3	26.4	Left	88	25	0.1	AG,FW	Road Crossing
Stark	ATWS-1170	26.4	26.5	Right	538	25	0.3	AG,FW,OL	Topsoil Segregation
Stark	ATWS-69	26.4	26.4	Left	145	75	0.2	AG,ID	Road Crossing
Stark	ATWS-3137	26.4	26.4	Left	195	25	0.1	AG	Bend Installation
Stark	ATWS-70	26.5	26.7	Left	997	25	0.6	AG,FW	Bend Installation
Stark	ATWS-1173	26.5	26.7	Right	993	25	0.6	AG,FW	Topsoil Segregation
Stark	ATWS-2490	26.7	26.8	Right	188	75	0.3	AG	Waterbody and Wetland Crossing
Stark	ATWS-2491	26.8	26.8	Right	156	25	0.1	AG	Topsoil Segregation
Stark	ATWS-2489	26.8	26.8	Right	125	75	0.2	AG	Waterbody Crossing
Stark	ATWS-3139	26.8	26.8	Left	54	50	0.1	AG,FW	Waterbody Crossing
Stark	ATWS-3138	26.8	26.9	Left	110	50	0.1	OL	Waterbody Crossing
Stark	ATWS-2488	26.8	26.9	Right	166	75	0.3	OL	Waterbody and Wetland Crossing
Stark	ATWS-4482	26.9	26.9	Right	214	25	0.1	OL	Topsoil Segregation
Stark	ATWS-2487	26.9	27.2	Right	1,248	25	0.7	AG	Topsoil Segregation
Stark	ATWS-2486	27.2	27.2	Right	197	50	0.2	AG,ID	Road Crossing
Stark	ATWS-2485	27.2	27.2	Left	223	75	0.4	AG,ID	Road Crossing
Stark	ATWS-2484	27.2	27.3	Left	161	75	0.3	ID,OL	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-2483	27.2	27.3	Right	164	75	0.3	AG,OL	Road Crossing and Bend Installation
Stark	ATWS-3140	27.3	27.3	Left	388	25	0.2	AG,OL	Bend Installation and Existing Pipeline Crossing
Stark	ATWS-2482	27.3	27.3	Right	110	50	0.1	AG	Existing Pipeline Crossing
Stark	ATWS-2481	27.3	27.4	Right	465	25	0.3	AG	Topsoil Segregation
Stark	ATWS-3141	27.3	27.4	Left	269	25	0.2	AG	Bend Installation and Existing Pipeline Crossing
Stark	ATWS-2301	27.4	27.4	Right	125	75	0.2	AG	Wetland Crossing
Stark	ATWS-2300	27.4	27.4	Left	120	50	0.1	AG	Wetland Crossing
Stark	ATWS-2298	27.4	27.5	Right	95	75	0.2	AG	Wetland Crossing
Stark	ATWS-2299	27.5	27.5	Left	150	50	0.2	AG,OL	Wetland Crossing
Stark	ATWS-4222	27.5	27.5	Right	198	25	0.1	AG	Topsoil Segregation
Stark	ATWS-4014	27.5	27.5	Left	198	25	0.1	AG	Bend Installation
Stark	ATWS-2297	27.5	27.6	Right	695	75	1.2	AG	Wetland Crossing and Topsoil Segregation
Stark	ATWS-4223	27.6	27.7	Right	319	125	0.9	AG	Waterbody Crossing
Stark	ATWS-2296	27.7	27.7	Left	132	50	0.2	AG	Waterbody Crossing
Stark	ATWS-2293	27.7	27.7	Right	173	75	0.3	AG	Waterbody and Wetland Crossing
Stark	ATWS-2295	27.7	27.8	Left	119	50	0.1	AG	Waterbody Crossing
Stark	ATWS-2294	27.7	27.8	Right	343	25	0.2	AG	Topsoil Segregation
Stark	ATWS-4440	27.8	27.8	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-4015	27.8	28.0	Right	777	25	0.4	FW,OL	Wetland Crossing and Moving Equipment
Stark	ATWS-4017	27.9	27.9	Left	200	25	0.1	OL	Bend Installation
Stark	ATWS-735	28.0	28.0	Left	141	295	0.9	OL	Rail and Wetland Crossing
Stark	ATWS-500	28.0	28.1	Right	360	100	0.8	FW,OL	Rail and Wetland Crossing
Stark	ATWS-736	28.0	28.1	Left	144	75	0.2	OL,RE	Rail Crossing
Stark	ATWS-501	28.1	28.1	Right	295	75	0.5	RE	Rail Crossing
Stark	ATWS-2940	28.1	28.2	Left	420	50	0.5	RE	Road and Existing Pipeline Crossing and Bend Installation
Stark	ATWS-85	28.2	28.2	Right	80	50	0.1	RE	Road Crossing
Stark	ATWS-2941	28.2	28.2	Left	151	50	0.2	AG,ID,OL	Road Crossing
Stark	ATWS-84	28.2	28.2	Right	316	125	0.9	AG,ID,OL	Road Crossing
Stark	ATWS-3076	28.2	28.3	Right	526	25	0.3	AG	Topsoil Segregation
Stark	ATWS-3075	28.3	28.4	Right	310	50	0.4	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-4016	28.4	28.4	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-1177	28.4	28.6	Right	1,000	25	0.6	AG,FW	Topsoil Segregation
Stark	ATWS-4348	28.5	28.6	Left	254	25	0.1	AG,FW	Bend Installation
Stark	ATWS-3143	28.7	28.8	Left	676	50	0.8	AG	Wetland Crossing
Stark	ATWS-4018	28.7	28.8	Right	562	75	1	AG,FW	Wetland Crossing and Topsoil Segregation
Stark	ATWS-1176	28.8	28.9	Right	369	25	0.2	AG	Topsoil Segregation
Stark	ATWS-4349	28.8	28.8	Left	137	25	0.1	AG	Bend Installation
Stark	ATWS-1178	29.0	29.1	Left	411	75	0.7	AG,FW	Wetland Crossing and Topsoil Segregation
Stark	ATWS-3234	29.2	29.2	Left	166	50	0.2	FW	Waterbody, Wetland and Road Crossing
Stark	ATWS-86	29.2	29.2	Right	248	50	0.3	FW	Wetland Crossing
Stark	ATWS-1179	29.3	29.3	Left	172	75	0.3	AG,ID	Bend Installation and Road and Waterbody Crossing
Stark	ATWS-737	29.3	29.4	Right	405	75	0.7	AG	Waterbody Crossing
Stark	ATWS-738	29.3	29.4	Left	183	25	0.1	AG	Bend Installation
Stark	ATWS-1180	29.4	29.6	Right	1,086	25	0.6	AG	Topsoil Segregation
Stark	ATWS-3235	29.6	29.6	Left	144	50	0.2	AG	Waterbody Crossing
Stark	ATWS-1181	29.6	29.6	Right	131	75	0.2	AG	Waterbody Crossing
Stark	ATWS-739	29.6	29.7	Right	471	75	0.8	AG	Waterbody and Wetland Crossing
Stark	ATWS-2233	29.7	29.7	Left	140	50	0.2	AG,FW	Bend Installation and Topsoil Segregation
Stark	ATWS-2501	29.7	29.8	Right	421	50	0.5	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-4019	29.8	29.8	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-3145	29.9	30.0	Left	287	25	0.2	FW,OL	Bend Installation
Stark	ATWS-4224	30.1	30.1	Left	200	25	0.1	AG	Bend Installation
Stark	ATWS-4359	30.0	30.2	Right	550	50	0.6	AG,OL	Bend Installation and Topsoil Segregation
Stark	ATWS-3144	30.1	30.3	Left	642	25	0.4	AG,OL	Bend Installation and Topsoil Segregation
Stark	ATWS-87	30.3	30.3	Left	171	75	0.2	AG,ID,RE	Road Crossing
Stark	ATWS-88	30.3	30.4	Left	227	75	0.4	AG,ID	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-1999	30.4	30.4	Left	272	25	0.2	AG	Topsoil Segregation
Stark	ATWS-1182	30.4	30.5	Left	335	25	0.2	AG	Topsoil Segregation
Stark	ATWS-2160	30.5	30.6	Left	642	25	0.4	AG,OL	Topsoil Segregation
Stark	ATWS-3236	30.6	30.7	Left	364	50	0.4	AG	Waterbody Crossing, Bend Installation and Topsoil Segregation
Stark	ATWS-2496	30.7	30.7	Right	133	25	0.1	AG	Topsoil Segregation
Stark	ATWS-6	30.7	30.7	Right	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-3237	30.7	30.7	Right	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-3238	30.7	30.7	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-2232	30.7	30.8	Right	404	25	0.2	AG	Topsoil Segregation
Stark	ATWS-3146	30.8	30.8	Left	150	50	0.2	AG,ID	Road Crossing
Stark	ATWS-2231	30.8	30.8	Right	149	75	0.3	AG,ID	Road Crossing
Stark	ATWS-612	30.8	30.9	Right	288	75	0.5	AG,ID	Road and Waterbody Crossing
Stark	ATWS-3147	30.8	30.9	Left	480	50	0.4	AG,ID	Road and Waterbody Crossing
Stark	ATWS-613	30.9	31.0	Right	150	75	0.3	AG,OL	Waterbody Crossing
Stark	ATWS-3240	30.9	31.0	Left	180	50	0.2	AG	Waterbody Crossing
Stark	ATWS-1186	31.0	31.3	Right	1,918	25	1.1	AG	Topsoil Segregation
Stark	ATWS-3241	31.0	31.1	Left	303	25	0.2	AG	Bend Installation
Stark	ATWS-3242	31.1	31.2	Left	473	25	0.3	AG	Bend Installation
Stark	ATWS-3243	31.3	31.3	Right	150	75	0.3	AG	Wetland Crossing and Topsoil Segregation (Outside of Wetland)
Stark	ATWS-4225	31.4	31.5	Left	164	50	0.2	OL	Waterbody Crossing and Topsoil Segregation
Stark	ATWS-3151	31.5	31.6	Right	452	25	0.3	OL	Topsoil Segregation
Stark	ATWS-3148	31.6	31.6	Right	100	75	0.2	OL	Waterbody Crossing
Stark	ATWS-3149	31.6	31.6	Left	100	50	0.1	OL	Waterbody Crossing
Stark	ATWS-2254	31.6	31.6	Right	154	75	0.3	AG,OL	Waterbody Crossing
Stark	ATWS-3150	31.6	31.6	Left	100	50	0.1	AG	Waterbody Crossing
Stark	ATWS-2165	31.6	31.8	Right	1,122	25	0.6	AG	Topsoil Segregation
Stark	ATWS-3077	31.7	31.8	Left	290	25	0.2	AG	Bend Installation
Stark	ATWS-89	31.8	31.9	Left	350	50	0.4	AG,ID	Road Crossing and Bend Installation
Stark	ATWS-2251	31.8	31.9	Right	188	75	0.3	AG,ID	Road Crossing
Stark	ATWS-2252	31.9	31.9	Right	151	75	0.3	AG,ID	Road Crossing
Stark	ATWS-4511	31.9	31.9	Right	106	75	0.1	AG	Road Crossing
Stark	ATWS-2250	31.9	32.0	Left	363	50	0.4	AG,ID	Bend Installation and Road and Waterbody Crossing
Stark	ATWS-2253	31.9	32.0	Right	244	25	0.1	AG	Topsoil Segregation
Stark	ATWS-691	32.0	32.0	Right	110	75	0.2	AG	Waterbody Crossing
Stark	ATWS-2249	32.0	32.0	Left	114	50	0.1	AG	Waterbody Crossing
Stark	ATWS-3244	32.0	32.0	Right	100	75	0.2	AG	Waterbody Crossing
Stark	ATWS-1386	32.0	32.1	Right	297	25	0.2	AG	Topsoil Segregation
Stark	ATWS-90	32.1	32.1	Left	160	50	0.2	AG,OL	Road Crossing
Stark	ATWS-3245	32.1	32.1	Right	199	75	0.3	AG	Road Crossing
Stark	ATWS-3246	32.1	32.2	Right	255	75	0.4	AG,ID	Road and Wetland Crossing
Stark	ATWS-1384	32.2	32.2	Right	99	75	0.2	AG,OL	Waterbody Crossing
Stark	ATWS-740	32.2	32.3	Right	169	75	0.3	AG	Waterbody and Wetland Crossing
Stark	ATWS-1385	32.3	32.5	Right	1,416	25	0.8	AG	Topsoil Segregation
Stark	ATWS-1393	32.5	32.6	Right	537	50	0.6	AG	Bend Installation and Topsoil Segregation
Stark	ATWS-3247	32.6	32.7	Left	214	25	0.1	FW,OL	Bend Installation
Stark	ATWS-3248	32.7	32.7	Right	275	50	0.2	FW,OL	Bend Installation and Road and Wetland Crossing
Stark	ATWS-4020	32.7	32.7	Left	194	25	0.1	FW,OL	Bend Installation
Stark	ATWS-3250	32.7	32.8	Left	132	70	0.1	FW,OL	Bend Installation and Road and Wetland Crossing
Stark	ATWS-647	32.8	32.8	Left	287	75	0.5	ID,FW,OL	Road and Wetland Crossing
Stark	ATWS-3249	32.8	32.8	Right	220	50	0.2	FW,OL,RE	Road and Wetland Crossing
Stark	ATWS-2255	32.9	33.0	Left	220	195	0.9	ID,OL	Road Crossing
Stark	ATWS-2256	33.0	33.0	Right	103	20	0	ID,OL	Road Crossing
Stark	ATWS-3078	33.0	33.0	Right	150	25	0.1	ID,OL	Road Crossing
Stark	ATWS-3251	33.0	33.0	Left	129	50	0.1	ID,RE	Road Crossing
Stark	ATWS-3252	33.0	33.0	Right	104	65	0.1	OL,RE	Road Crossing
Stark	ATWS-3253	33.0	33.0	Right	45	25	0	OL,RE	Bend Installation
Stark	ATWS-3254	33.1	33.1	Right	147	105	0.3	FW,OL,RE	Road Crossing
Stark	ATWS-2258	33.1	33.1	Left	250	200	1.1	ID,FW,OL	Road and Wetland Crossing
Stark	ATWS-3255	33.1	33.1	Left	74	25	0	ID,OL	Road Crossing
Stark	ATWS-2260	33.3	33.3	Left	307	75	0.5	FW,OL,RE	Bend and Long Bore Installation
Stark	ATWS-3256	33.3	33.3	Right	130	135	0.5	ID,OL	Long Bore Pull Back String

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Stark	ATWS-2259	33.3	33.3	Right	52	60	0.1	FW,OL	Long Bore Installation
Stark	ATWS-4266	33.3	33.5	Left	881	25	0.5	FW,OL	Bend Installation
Stark	ATWS-4021	33.5	33.6	Left	279	25	0.2	FW	Bend Installation
Stark	ATWS-4022	33.7	33.7	Left	152	25	0.1	FW	Waterbody and Wetland Crossing
Stark	ATWS-2628	33.7	33.8	Left	211	50	0.2	FW	Waterbody and Wetland Crossing
Stark	ATWS-2629	33.8	33.9	Left	192	25	0.1	FW	Waterbody and Wetland Crossing
Stark	ATWS-2630	33.8	33.8	Left	99	50	0.1	FW	Waterbody and Wetland Crossing
Stark	ATWS-2235	33.9	33.9	Left	72	50	0.1	FW	Bend Installation and Waterbody and Wetland Crossing
Stark	ATWS-3152	33.9	33.9	Right	191	75	0.3	AG,FW,OL	Waterbody and Wetland Crossing
Stark	ATWS-2378	33.9	33.9	Left	105	50	0.1	OL	Waterbody Crossing
Stark	ATWS-2381	33.9	33.9	Right	123	75	0.2	OL	Waterbody Crossing
Stark	ATWS-2234	33.9	34.0	Right	111	25	0.1	OL	Topsoil Segregation
Stark	ATWS-2379	34.0	34.0	Right	228	75	0.4	ID,OL	Road Crossing
Stark	ATWS-3191	34.0	34.0	Left	200	50	0.2	ID,OL	Road Crossing
Stark	ATWS-2380	34.0	34.1	Right	524	75	0.9	AG,ID	Road Crossing and Bend Installation
Stark	ATWS-3192	34.0	34.1	Left	361	50	0.4	AG,ID	Road Crossing and Bend Installation
Stark/Summit	ATWS-4228	34.1	34.2	Right	300	125	0.9	AG,FW	Wetland Crossing and Topsoil Segregation
Summit	ATWS-2385	34.3	34.3	Left	216	75	0.4	OL	Rail Crossing
Summit	ATWS-2384	34.3	34.3	Right	222	100	0.5	OL	Rail Crossing
Summit	ATWS-2386	34.3	34.4	Left	156	75	0.3	OL	Rail Crossing
Summit	ATWS-2382	34.3	34.4	Right	315	100	0.7	FW,OL	Bend Installation and Rail Crossing
Summit	ATWS-3265	34.4	34.4	Left	75	25	0	OL	Existing Pipeline Crossing
Summit	ATWS-4229	34.4	34.6	Right	1,181	25	0.7	FW,OL,RE	Wetland Crossing and Equipment Movement
Summit	ATWS-3264	34.4	34.4	Left	75	25	0	OL	Existing Pipeline Crossing
Summit	ATWS-2359	34.6	34.7	Left	526	75	0.9	OL,RE	Waterbody and Wetland Crossing
Summit	ATWS-2357	34.7	34.7	Right	111	25	0.1	RE	Waterbody and Wetland Crossing
Summit	ATWS-4230	34.8	34.9	Right	667	75	1.1	AG,FW	Waterbody Crossing, Bend Installation and Topsoil Segregation
Summit	ATWS-2362	34.8	34.9	Left	495	25	0.3	AG	Bend Installation
Summit	ATWS-3155	34.9	34.9	Left	100	50	0.1	AG	Waterbody Crossing
Summit	ATWS-2363	34.9	35.0	Right	506	125	1.5	AG,ID,OL	Road and Waterbody Crossing and Topsoil Segregation
Summit	ATWS-2364	35.0	35.0	Left	246	50	0.3	AG,ID,FW,OL	Road and Waterbody Crossing
Summit	ATWS-2377	35.0	35.0	Right	134	50	0.2	ID,RE	Road Crossing
Summit	ATWS-2365	35.0	35.0	Left	105	60	0.1	ID,RE	Road Crossing
Summit	ATWS-3080	35.0	35.1	Left	240	25	0.1	OL,RE	Bend Installation
Summit	ATWS-2356	35.2	35.3	Right	400	75	0.7	OL	Wetland Crossing
Summit	ATWS-3158	35.2	35.2	Left	75	25	0	OL	Existing Pipeline Crossing
Summit	ATWS-3157	35.2	35.2	Left	75	25	0	OL	Existing Pipeline Crossing
Summit	ATWS-93	35.4	35.5	Right	436	100	1	AG	Bend Installation and Road and Wetland Crossing
Summit	ATWS-2337	35.4	35.4	Left	339	50	0.4	AG,FW,OL	Road and Wetland Crossing
Summit	ATWS-94	35.5	35.6	Right	204	100	0.5	FW	Road and Wetland Crossing
Summit	ATWS-4231	35.6	35.6	Right	288	25	0.2	AG,FW	Wetland Crossing and Topsoil Segregation
Summit	ATWS-2335	35.7	35.7	Right	331	75	0.6	AG	Wetland Crossing
Summit	ATWS-2336	35.7	35.8	Right	299	25	0.2	AG	Topsoil Segregation
Summit	ATWS-4483	35.8	35.9	Right	535	75	0.9	AG	Wetland Crossing and Topsoil Segregation
Summit	ATWS-2338	35.9	36.0	Left	324	25	0.2	AG	Bend Installation
Summit	ATWS-2333	36.0	36.0	Left	218	50	0.3	AG	Bend Installation and Topsoil Segregation
Summit	ATWS-4024	36.2	36.2	Left	272	25	0.2	FW	Bend Installation
Summit	ATWS-3160	36.4	36.4	Right	214	25	0.1	FW,OL	Bend Installation and Road and Wetland Crossing
Summit	ATWS-2339	36.4	36.5	Left	371	25	0.2	FW	Bend Installation and Existing Pipeline Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Summit	ATWS-4232	36.5	36.6	Right	162	25	0.1	FW,OL	Wetland Crossing
Summit	ATWS-3082	36.6	36.7	Right	423	25	0.2	OL	Wetland Crossing and Bend Installation
Summit	ATWS-4233	36.6	36.6	Left	129	75	0.2	FW	Waterbody and Wetland Crossing
Summit	ATWS-4025	36.7	36.7	Right	117	25	0.1	OL	Waterbody Crossing
Summit	ATWS-3211	36.8	36.8	Left	242	75	0.2	ID,RE	Road and Waterbody Crossing
Summit	ATWS-4026	36.8	36.8	Right	88	50	0.1	RE	Waterbody Crossing
Summit	ATWS-2351	36.8	36.8	Right	155	75	0.3	AG,OL,RE	Road Crossing and Bend Installation
Summit	ATWS-2350	36.8	36.9	Left	254	50	0.3	AG	Bend Installation and Road and Wetland Crossing
Summit	ATWS-4447	36.8	36.9	Right	324	25	0.2	OL	Topsoil Segregation
Summit	ATWS-4027	37.2	37.3	Right	517	75	0.9	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Summit	ATWS-4350	37.2	37.3	Left	210	25	0.1	AG,FW	Bend Installation
Summit	ATWS-2323	37.3	37.3	Right	88	50	0.1	AG,FW	Bend Installation and Topsoil Segregation
Summit	ATWS-2326	37.3	37.3	Right	181	75	0.3	FW	Road Crossing
Summit	ATWS-3212	37.4	37.4	Left	116	50	0.1	ID	Road Crossing
Summit	ATWS-2325	37.4	37.4	Left	159	75	0.3	ID,FW	Waterbody, Wetland and Road Crossing
Summit	ATWS-2324	37.4	37.4	Right	85	75	0.1	ID,FW	Waterbody, Wetland and Road Crossing
Summit	ATWS-2349	37.5	37.5	Right	186	25	0.1	OL	Topsoil Segregation
Summit	ATWS-2327	37.6	37.7	Right	635	75	1.1	AG	Wetland Crossing and Topsoil Segregation
Summit	ATWS-2328	37.6	37.7	Left	298	25	0.2	AG	Bend Installation
Summit	ATWS-2329	37.7	37.8	Left	205	50	0.2	FW	Bend Installation and Wetland Crossing
Summit	ATWS-3161	37.8	37.8	Left	103	50	0.1	ID,RE	Road Crossing
Summit	ATWS-3268	37.8	37.9	Left	181	50	0.2	ID,FW,RE	Road Crossing
Summit	ATWS-2330	37.8	37.9	Right	97	50	0.1	ID,FW,RE	Road Crossing
Summit	ATWS-2331	37.9	37.9	Right	265	25	0.2	FW,RE	Bend Installation
Summit	ATWS-4234	38.0	38.1	Right	463	50	0.5	FW	Existing Pipeline Crossing
Summit	ATWS-2322	38.2	38.2	Right	309	25	0.2	FW	Bend Installation
Summit	ATWS-2347	38.3	38.3	Left	118	50	0.1	FW	Road Crossing
Summit	ATWS-2265	38.3	38.3	Right	139	50	0.2	FW	Road Crossing
Summit	ATWS-2346	38.3	38.3	Left	82	50	0.1	ID,FW	Road Crossing
Summit	ATWS-2264	38.3	38.3	Right	85	50	0.1	ID,FW	Road Crossing
Summit	ATWS-4028	38.4	38.5	Right	433	50	0.5	FW,OL	Bend Installation and Topsoil Segregation
Summit	ATWS-3270	38.6	38.7	Right	75	25	0	OL	Driveway Crossing
Summit	ATWS-3167	38.9	38.9	Right	709	25	0.4	AG	Topsoil Segregation
Summit	ATWS-2312	38.9	39.0	Right	248	205	0.8	AG,ID,FW	Road Crossing
Summit	ATWS-2313	38.9	39.0	Left	292	50	0.3	AG,FW	Bend Installation and Road Crossing
Summit	ATWS-2315	39.0	39.0	Right	165	50	0.2	ID,RE	Road Crossing
Summit	ATWS-2314	39.0	39.0	Left	168	25	0.1	ID,RE	Road Crossing
Summit	ATWS-2316	39.1	39.1	Left	275	25	0.2	AG,FW,OL	Bend Installation
Summit	ATWS-2263	39.1	39.1	Right	318	25	0.2	AG,FW	Topsoil Segregation
Summit	ATWS-3272	39.2	39.2	Right	163	25	0.1	FW,RE	Topsoil Segregation
Summit	ATWS-2317	39.2	39.3	Right	290	50	0.3	RE	Bend Installation and Topsoil Segregation
Summit	ATWS-2262	39.3	39.3	Right	344	25	0.2	RE	Topsoil Segregation
Summit	ATWS-2318	39.3	39.3	Right	87	75	0.1	RE	Waterbody and Wetland Crossing
Summit	ATWS-2311	39.4	39.4	Right	151	75	0.3	AG	Waterbody and Wetland Crossing
Summit	ATWS-2319	39.4	39.4	Left	135	75	0.2	AG	Waterbody and Wetland Crossing
Summit	ATWS-2274	39.4	39.5	Right	452	25	0.3	AG	Wetland Crossing and Topsoil Segregation
Summit	ATWS-2320	39.5	39.5	Right	121	75	0.2	AG,FW	Waterbody Crossing and Topsoil Segregation
Summit	ATWS-2321	39.5	39.5	Left	115	50	0.1	AG,FW	Waterbody Crossing
Summit	ATWS-1401	39.5	39.6	Left	148	50	0.2	AG,FW,OL	Bend Installation and Waterbody Crossing
Summit	ATWS-2275	39.5	39.5	Right	328	50	0.4	AG	Waterbody Crossing, Bend Installation and Topsoil Segregation
Summit	ATWS-577	39.6	39.7	Right	295	50	0.3	FW,OL	Wetland Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Summit	ATWS-99	39.8	39.8	Left	152	50	0.2	ID,OL	Road and Wetland Crossing
Summit	ATWS-3274	39.8	39.8	Right	154	75	0.3	ID,OL	Road and Wetland Crossing
Summit	ATWS-4505	39.8	39.8	Right	38	75	0.1	ID,FW	Road Crossing
Summit	ATWS-4525	39.8	39.8	Right	48	50	0.1	OL	CP Installation (Deep Well Anodes)
Summit	ATWS-743	39.8	39.8	Right	60	75	0.1	FW,RE	Road Crossing
Summit	ATWS-3171	39.8	39.9	Left	258	50	0.3	ID,FW,OL,RE	Bend Installation and Road Crossing
Summit	ATWS-101	40.0	40.1	Right	190	25	0.1	OL	Bend Installation and Wetland Crossing
Summit	ATWS-100	40.1	40.1	Left	173	25	0.1	OL	Bend Installation and Wetland Crossing
Summit	ATWS-3276	40.1	40.2	Left	152	25	0.1	OL	Bend Installation
Summit	ATWS-627	40.2	40.2	Left	165	75	0.3	ID,OL	Road Crossing
Summit	ATWS-3275	40.2	40.3	Left	204	75	0.4	RE	Road Crossing
Summit	ATWS-3172	40.3	40.3	Right	293	25	0.2	FW	Bend Installation
Summit	ATWS-3213	40.4	40.5	Right	501	25	0.3	OL	Topsoil Segregation
Summit	ATWS-2089	40.5	40.5	Left	337	25	0.2	FW,OL	Bend Installation
Summit	ATWS-102	40.6	40.6	Right	144	100	0.3	FW,OL	Wetland Crossing
Summit	ATWS-1991	40.6	40.6	Left	246	25	0.1	FW,OL	Bend Installation
Summit	ATWS-4415	40.7	40.8	Left	166	50	0.2	AG,OL,RE	Waterbody Crossing
Summit	ATWS-103	40.8	40.9	Left	494	25	0.3	AG	Bend Installation and Waterbody Crossing
Summit	ATWS-2927	40.8	40.9	Right	570	25	0.3	AG,RE	Topsoil Segregation
Summit	ATWS-1402	40.9	40.9	Right	137	50	0.2	AG	Bend Installation and Waterbody Crossing
Summit	ATWS-2091	40.9	41.0	Left	420	125	1.2	AG	HDD Entry Location
Summit	ATWS-548	41.3	41.4	Left	656	125	1.9	AG	HDD Exit Location
Summit	ATWS-3214	41.5	41.6	Right	177	50	0.2	ID,OL	Road and Existing Pipeline Crossing
Summit	ATWS-4484	41.5	41.6	Left	537	170	1.3	AG,FW	HDD Pullback String
Summit	ATWS-4029	41.5	41.6	Left	467	50	0.5	ID,FW	Road and Waterbody Crossing and Side Slope Construction
Summit	ATWS-744	42.0	42.1	Right	284	25	0.2	OL,RE	Bend Installation and Road and Wetland Crossing
Summit	ATWS-2273	42.1	42.1	Left	282	75	0.5	ID,OL	Bend Installation and Road Crossing
Summit	ATWS-2272	42.1	42.2	Left	276	50	0.3	ID,FW,RE	Road Crossing
Summit	ATWS-2271	42.1	42.2	Right	160	75	0.3	FW,OL	Road Crossing
Summit	ATWS-4450	42.2	42.2	Right	182	25	0.1	FW,RE	Bend Installation
Summit	ATWS-3279	42.4	42.3	Left	150	25	0.1	RE	Existing Pipeline Crossing
Summit	ATWS-4451	42.2	42.3	Right	161	25	0.1	FW,OL	Bend Installation
Summit	ATWS-104	42.3	42.3	Right	177	50	0.2	OL	Topsoil Segregation
Summit	ATWS-3174	42.4	42.5	Right	100	50	0.1	OL	Waterbody Crossing
Summit	ATWS-3280	42.5	42.5	Left	100	50	0.1	FW,OL	Waterbody Crossing
Summit	ATWS-3175	42.5	42.5	Right	100	50	0.1	OL	Waterbody Crossing
Summit	ATWS-3281	42.5	42.6	Left	495	25	0.3	FW,OL,RE	Bend Installation and Additional Workspace for Construction Around Pond
Summit	ATWS-1403	42.6	42.6	Right	157	25	0.1	AG,RE	Topsoil Segregation
Summit	ATWS-105	42.6	42.7	Right	136	75	0.2	AG	Road Crossing
Summit	ATWS-106	42.7	42.7	Right	118	75	0.2	ID,FW,RE	Road Crossing
Summit	ATWS-3180	42.7	42.7	Left	115	45	0.1	ID,FW,RE	Road Crossing
Summit	ATWS-3216	42.8	42.8	Right	359	25	0.2	FW,OL,RE	Bend Installation
Summit	ATWS-745	42.8	42.9	Left	405	25	0.2	FW	Bend Installation
Summit	ATWS-1404	43.1	43.2	Right	414	25	0.2	OL	Topsoil Segregation
Summit	ATWS-3282	43.2	43.2	Left	75	25	0	FW	Existing Pipeline Crossing
Summit	ATWS-3283	43.2	43.2	Left	75	25	0	AG,FW	Existing Pipeline Crossing
Summit	ATWS-2157	43.2	43.2	Right	243	25	0.1	AG	Topsoil Segregation
Summit	ATWS-692	43.2	43.3	Right	145	75	0.2	AG,FW	Waterbody Crossing
Summit	ATWS-3219	43.3	43.3	Left	124	50	0.1	FW	Waterbody Crossing
Summit	ATWS-693	43.3	43.3	Right	176	50	0.2	AG	Waterbody and Existing Pipeline Crossing and Topsoil Segregation
Summit	ATWS-3218	43.3	43.3	Left	149	25	0.1	AG,FW	Existing Pipeline Crossing
Summit	ATWS-109	43.4	43.4	Right	130	50	0.1	AG	Ravine Crossing, Topsoil Segregation and Bend Installation
Summit	ATWS-4235	43.4	43.4	Left	253	25	0.1	AG,FW	Bend Installation
Summit	ATWS-3284	43.4	43.4	Right	290	25	0.2	AG	Topsoil Segregation
Summit	ATWS-110	43.5	43.6	Left	380	25	0.2	AG,FW	Bend Installation and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Summit	ATWS-1990	43.6	43.6	Left	228	75	0.4	AG,ID,OL,RE	Road Crossing
Summit	ATWS-107	43.6	43.6	Right	252	25	0.1	AG,ID,FW,OL	Road Crossing
Summit	ATWS-108	43.7	43.7	Right	175	50	0.2	FW,RE	Road Crossing
Summit	ATWS-1407	43.8	43.9	Left	194	25	0.1	FW,OL	Bend Installation
Summit	ATWS-1408	44.0	44.0	Left	213	25	0.1	AG	Topsoil Segregation
Summit	ATWS-4472	44.0	44.0	Left	91	25	0.1	AG,OL	Topsoil Segregation
Summit	ATWS-112	44.0	44.1	Right	535	75	0.9	AG,FW,OL	Waterbody and Wetland Crossing
Summit	ATWS-4389	44.2	44.2	Left	252	25	0.1	AG	Existing Pipeline Crossing
Summit	ATWS-2548	44.3	44.3	Left	115	75	0.2	AG	Road Crossing
Summit	ATWS-1365	44.2	44.4	Right	756	25	0.4	AG,OL	Topsoil Segregation
Summit	ATWS-3285	44.4	44.4	Left	256	45	0.3	OL	Topsoil Segregation
Summit	ATWS-1364	44.4	44.5	Right	239	20	0.1	AG,OL,RE	Topsoil Segregation
Summit	ATWS-2549	44.4	44.5	Left	100	50	0.1	AG,OL	Existing Pipeline Crossing
Summit	ATWS-2550	44.5	44.5	Left	100	50	0.1	AG	Existing Pipeline Crossing
Summit	ATWS-1366	44.5	44.6	Left	753	25	0.4	AG	Topsoil Segregation
Summit	ATWS-113	44.6	44.7	Left	162	75	0.3	AG	Bend Installation and Existing Pipeline Crossing
Summit	ATWS-3178	44.7	44.8	Left	114	25	0.1	FW	Bend Installation
Summit	ATWS-3177	44.7	44.8	Right	213	25	0.1	AG,FW	Topsoil Segregation
Summit	ATWS-3179	44.8	44.8	Left	79	50	0.1	AG,FW	Bend Installation and Existing Pipeline Crossing
Summit	ATWS-3176	44.8	44.8	Right	119	50	0.1	AG	Topsoil Segregation and Existing Pipeline Crossing
Summit	ATWS-1367	44.8	44.9	Right	319	25	0.2	AG,FW,OL	Topsoil Segregation
Summit	ATWS-114	44.8	44.8	Left	118	25	0.1	AG,FW	Existing Pipeline Crossing
Summit	ATWS-3287	44.8	44.9	Left	75	25	0	AG	Existing Pipeline Crossing
Summit	ATWS-1989	44.9	44.9	Right	94	25	0.1	AG,OL	Topsoil Segregation
Summit	ATWS-115	44.9	44.9	Right	238	75	0.4	AG,ID,OL	Road Crossing
Summit	ATWS-3220	45.0	45.1	Right	613	50	0.7	FW,RE	Wetland and Existing Pipeline Crossing
Summit	ATWS-1986	45.3	45.4	Left	189	25	0.1	OL	Bend Installation and Wetland and Existing Pipeline Crossing
Summit	ATWS-2479	45.4	45.4	Left	52	75	0.1	OL	Wetland and Existing Pipeline Crossing
Summit	ATWS-1985	45.4	45.5	Left	281	75	0.5	ID,OL	Road, Wetland and Existing Pipeline Crossing
Summit	ATWS-3288	45.4	45.5	Right	247	25	0.1	OL	Road, Wetland and Existing Pipeline Crossing
Summit	ATWS-3182	45.5	45.5	Left	136	50	0.2	ID,OL,RE	Road Crossing
Summit	ATWS-3289	45.5	45.5	Right	255	25	0.1	ID,OL	Bend Installation and Road Crossing
Summit	ATWS-3181	45.5	45.5	Left	100	25	0.1	OL	Existing Pipeline Crossing
Summit	ATWS-746	45.5	45.6	Left	252	25	0.1	FW,OL	Bend Installation
Summit	ATWS-579	45.7	45.8	Left	294	25	0.2	FW	Bend Installation
Summit	ATWS-1410	45.8	45.9	Left	676	75	1.2	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Summit	ATWS-4030	45.9	46.0	Left	106	50	0.1	FW	Waterbody and Wetland Crossing
Summit	ATWS-118	46.1	46.2	Right	120	75	0.2	ID,FW,OL	Road Crossing
Summit	ATWS-120	46.2	46.2	Left	245	25	0.1	OL,RE	Bend Installation
Summit	ATWS-4236	46.2	46.2	Right	115	100	0.2	OL	Waterbody Crossing
Summit	ATWS-1984	46.3	46.3	Right	241	50	0.3	OL,RE	Bend Installation
Summit	ATWS-580	46.3	46.4	Left	281	50	0.3	FW, RE	Bend Installation and Waterbody Crossing
Summit	ATWS-4490	46.5	46.5	Right	244	50	0.3	FW	Wetland Crossing
Summit	ATWS-2194	46.6	46.6	Right	428	25	0.2	AG,FW	Topsoil Segregation
Summit	ATWS-1370	46.7	46.7	Right	265	25	0.2	AG	Topsoil Segregation
Summit	ATWS-747	46.7	46.8	Right	261	75	0.4	AG,OL	Waterbody, Wetland and Existing Pipeline Crossing and Topsoil Segregation
Summit	ATWS-4402	46.7	46.8	Left	180	90	0.2	OL,RE	Waterbody, Wetland and Driveway Crossing
Summit	ATWS-3183	46.8	46.8	Right	98	75	0.2	AG,ID,OL,RE	Road, Waterbody, Wetland and Existing Pipeline Crossing
Summit	ATWS-121	46.8	46.8	Right	132	75	0.2	ID,FW,OL	Road and Waterbody Crossing
Summit	ATWS-1369	46.9	46.9	Right	287	25	0.2	AG,OL	Topsoil Segregation
Summit	ATWS-4031	47.0	47.0	Right	142	50	0.2	FW	Waterbody Crossing
Summit	ATWS-1411	47.2	47.3	Right	444	25	0.3	AG,FW,OL	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Summit	ATWS-607	47.3	47.3	Right	314	50	0.4	AG,OL	Bend Installation and Topsoil Segregation
Summit	ATWS-1371	47.3	47.6	Right	1,595	25	0.9	AG,FW,OL	Topsoil Segregation
Summit	ATWS-2503	47.6	47.7	Right	102	25	0.1	AG,OL	Topsoil Segregation
Summit	ATWS-4386	47.7	47.8	Right	580	510	5.8	AG,FW	HDD Entry Location and Spread Move-Around Location
Summit	ATWS-4387	47.7	47.8	Left	505	25	0.3	AG	HDD Entry Location and Spread Move-Around Location
Summit	ATWS-4512	48.1	48.1	Right	120	25	0.1	AG,OL	Access To Hydrostatic Test Water
Summit	ATWS-4032	48.4	48.4	Right	350	100	0.8	AG,OL,RE	HDD Exit Location
Summit	ATWS-3323	48.4	48.5	Right	354	50	0.4	AG,OL,RE	Bend Installation and Topsoil Segregation
Summit	ATWS-1373	48.5	48.7	Right	1,261	25	0.7	AG,OL,RE	Topsoil Segregation
Summit	ATWS-581	48.5	48.7	Left	853	25	0.5	AG,OL,RE	Bend Installation
Summit	ATWS-909	48.6	48.8	Right	819	210	2.6	AG	HDD Pull Back String
Summit	ATWS-124	48.7	48.8	Right	229	75	0.4	AG	Road Crossing
Summit	ATWS-3327	48.7	48.8	Left	477	25	0.3	ID,OL	Road Crossing
Summit	ATWS-3326	48.8	48.9	Left	330	25	0.2	ID,OL,RE	Bend Installation and Road Crossing
Summit	ATWS-3328	48.8	48.8	Right	148	25	0.1	ID,OL,RE	Road Crossing
Summit	ATWS-125	48.8	48.9	Right	181	75	0.3	OL,RE	Road and Waterbody Crossing
Summit	ATWS-2504	48.9	49.0	Right	333	50	0.4	AG,OL	Bend Installation and Waterbody Crossing and Topsoil Segregation
Summit	ATWS-3329	48.9	49.0	Left	433	25	0.2	AG,OL	Bend Installation and Existing Pipeline Crossing
Summit	ATWS-3325	49.0	49.0	Right	272	25	0.2	AG	Topsoil Segregation
Summit	ATWS-3330	49.0	49.0	Left	75	25	0	AG	Existing Pipeline Crossing
Summit	ATWS-2505	49.0	49.1	Right	483	25	0.3	AG	Topsoil Segregation
Summit	ATWS-3184	49.1	49.1	Left	309	25	0.2	AG	Bend Installation
Summit	ATWS-2847	49.1	49.2	Right	385	25	0.2	AG,FW	Topsoil Segregation
Summit	ATWS-4033	49.2	49.2	Right	150	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation
Summit	ATWS-4034	49.2	49.2	Left	93	50	0.1	AG,FW	Waterbody Crossing
Summit	ATWS-3233	49.3	49.3	Left	98	75	0.2	OL	Long Bore Pull Back String
Summit	ATWS-3232	49.3	49.3	Right	304	50	0.3	FW,OL,RE	Bend Installation
Summit	ATWS-4237	49.3	49.4	Right	151	25	0.1	FW,OL,RE	Road and Wetland Crossing
Summit	ATWS-2516	49.5	49.5	Right	164	50	0.2	FW,OL,RE	Road Crossing (Long Bore)
Summit	ATWS-2517	49.5	49.6	Right	485	25	0.3	FW	Bend Installation
Summit	ATWS-4465	49.6	49.6	Left	152	25	0.1	FW	Bend Installation and Waterbody Crossing
Summit	ATWS-4467	49.6	49.6	Left	64	25	0	FW	Waterbody Crossing
Summit	ATWS-3185	49.7	49.7	Left	277	25	0.2	FW,OL	Bend Installation
Summit	ATWS-4468	49.7	49.7	Right	200	25	0.1	FW,OL	Wetland and Waterbody Crossing
Summit	ATWS-4535	49.9	49.9	Left	70	25	0	ID,FW	Road Crossing
Summit	ATWS-128	49.9	50.0	Left	454	25	0.3	FW	Bend Installation and Road Crossing
Summit	ATWS-4536	49.9	50.0	Right	210	50	0.2	FW	Road and Wetland Crossing
Summit	ATWS-127	50.0	50.0	Right	150	50	0.2	FW,OL	Waterbody Crossing
Summit	ATWS-3331	50.0	50.0	Left	132	50	0.2	FW,OL	Waterbody Crossing and Existing Pipeline Crossing
Summit	ATWS-3332	50.0	50.0	Left	199	25	0.1	FW,OL	Bend Installation and Existing Pipeline Crossing
Summit	ATWS-3334	50.2	50.2	Right	184	50	0.2	RE	Bend Installation and Topsoil Segregation
Summit	ATWS-3186	50.2	50.3	Right	153	25	0.1	FW,RE	Bend Installation
Summit	ATWS-3187	50.3	50.3	Left	245	25	0.1	RE	Bend Installation
Wayne/Summit	ATWS-129	50.4	50.4	Right	125	75	0.2	RE	Road Crossing
Wayne/Summit	ATWS-3083	50.4	50.4	Left	123	50	0.1	RE	Road Crossing
Wayne	ATWS-130	50.4	50.5	Right	359	75	0.6	AG,ID	Road and Waterbody Crossing
Wayne	ATWS-2942	50.4	50.4	Left	246	50	0.3	AG,ID	Road and Waterbody Crossing
Wayne	ATWS-3335	50.5	50.5	Left	100	50	0.1	AG,OL	Waterbody Crossing
Wayne	ATWS-3336	50.5	50.5	Right	100	50	0.1	AG,OL	Waterbody Crossing
Wayne	ATWS-3338	50.5	50.6	Right	540	25	0.3	AG	Topsoil Segregation
Wayne	ATWS-3337	50.6	50.7	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Wayne	ATWS-4351	50.6	50.6	Left	200	25	0.1	AG	Bend Installation
Wayne	ATWS-1979	50.7	51.0	Right	1,760	25	1	AG,OL	Topsoil Segregation
Wayne	ATWS-168	51.0	51.1	Right	335	125	1	AG	Road Crossing
Wayne	ATWS-169	51.1	51.2	Right	360	125	1	FW,OL	Road Crossing
Wayne	ATWS-1375	51.2	51.3	Right	697	25	0.4	AG,FW	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Wayne	ATWS-1978	51.3	51.4	Left	685	25	0.4	AG	Bend Installation
Wayne	ATWS-583	51.3	51.4	Right	211	50	0.2	AG	Bend Installation and Topsoil Segregation
Wayne	ATWS-694	51.4	51.4	Left	135	75	0.2	AG,ID,RE	Road and Waterbody Crossing
Wayne	ATWS-3339	51.4	51.5	Right	201	25	0.1	OL	Road and Waterbody Crossing and Topsoil Segregation
Wayne	ATWS-170	51.4	51.5	Left	123	75	0.2	FW	Road and Waterbody Crossing
Wayne	ATWS-3340	51.5	51.6	Right	197	25	0.1	FW,OL	Topsoil Segregation
Wayne	ATWS-749	51.6	51.6	Left	198	25	0.1	FW	Bend Installation
Wayne	ATWS-3225	51.7	51.8	Left	189	25	0.1	AG	Topsoil Segregation
Wayne	ATWS-3223	51.8	51.8	Left	110	50	0.1	AG	Existing Pipeline Crossing
Wayne	ATWS-3224	51.8	51.8	Left	99	50	0.1	AG	Existing Pipeline Crossing
Wayne	ATWS-1377	51.8	52.0	Left	1,103	25	0.6	AG,ID	Topsoil Segregation
Wayne	ATWS-131	52.0	52.0	Right	194	75	0.3	AG,ID	Bend Installation and Road Crossing
Wayne	ATWS-584	52.0	52.1	Left	447	50	0.5	AG,ID	Bend Installation and Road Crossing
Wayne	ATWS-132	52.0	52.1	Right	208	75	0.4	AG,ID	Road Crossing
Wayne	ATWS-1378	52.1	52.1	Right	510	25	0.3	AG	Topsoil Segregation
Wayne	ATWS-1416	52.1	52.2	Right	150	75	0.3	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Wayne	ATWS-1379	52.2	52.4	Right	751	25	0.4	AG	Topsoil Segregation
Wayne	ATWS-4035	52.4	52.4	Left	85	25	0	AG	Existing Pipeline Crossing
Wayne	ATWS-1977	52.4	52.5	Right	312	25	0.2	AG	Topsoil Segregation
Wayne	ATWS-585	52.5	52.6	Right	523	75	0.9	AG,FW	Waterbody and Wetland Crossing
Wayne	ATWS-3753	52.6	52.6	Left	248	25	0.1	OL	Bend Installation and Wetland Crossing
Wayne	ATWS-2513	52.7	52.7	Left	325	50	0.4	AG,FW	Waterbody and Wetland Crossing
Wayne	ATWS-2512	52.7	52.7	Right	191	75	0.3	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Wayne	ATWS-2600	52.8	52.9	Left	139	50	0.2	ID,FW	Road Crossing
Wayne	ATWS-2599	52.8	52.9	Right	149	50	0.2	ID,FW	Road, Waterbody and Wetland Crossing
Wayne	ATWS-3343	52.9	52.9	Left	148	50	0.2	OL,RE	Road Crossing
Wayne	ATWS-2844	53.0	53.0	Left	167	50	0.2	ID,FW,OL	Road Crossing
Wayne	ATWS-2842	53.0	53.0	Right	96	50	0.1	FW	Road Crossing
Wayne	ATWS-2843	53.0	53.1	Right	159	50	0.2	ID,FW,OL	Road Crossing
Wayne	ATWS-3754	53.0	53.1	Left	155	50	0.2	ID,FW,RE	Road Crossing
Wayne	ATWS-3188	53.1	53.2	Left	746	25	0.4	ID,FW,OL	Bend Installation and Driveway Crossing
Wayne	ATWS-2929	53.3	53.4	Right	343	25	0.2	FW,OL	Bend Installation
Wayne	ATWS-3755	53.4	53.5	Left	300	25	0.2	ID,OL	Bend Installation
Wayne	ATWS-2930	53.5	53.5	Right	182	50	0.2	FW,OL	Road Crossing
Wayne	ATWS-2515	53.5	53.5	Left	230	120	0.4	ID,FW,OL,RE	Road Crossing
Wayne	ATWS-2159	53.5	53.6	Left	453	50	0.5	ID,FW,OL	Bend Installation and Road Crossing
Wayne	ATWS-3440	53.5	53.6	Right	218	75	0.4	ID,OL	Bend Installation and Road Crossing
Wayne	ATWS-2514	53.6	53.7	Right	514	50	0.6	ID,FW,OL	Bend Installation and Road Crossing
Wayne	ATWS-3441	53.6	53.7	Left	258	50	0.3	ID,FW,OL	Bend Installation and Road Crossing
Wayne	ATWS-3756	53.7	53.7	Left	212	25	0.1	FW,OL	Bend Installation
Wayne	ATWS-3227	53.8	53.9	Right	307	25	0.2	FW	Bend Installation
Wayne	ATWS-2023	54.0	54.0	Left	291	75	0.5	FW	Road Crossing (Long Bore)
Wayne	ATWS-2055	54.0	54.0	Right	291	75	0.5	FW	Road Crossing (Long Bore)
Wayne	ATWS-4529	54.1	54.1	Right	11	75	0	OL,RE	Road Crossing
Wayne	ATWS-3438	54.1	54.2	Left	406	50	0.5	OL,RE	Road Crossing
Wayne	ATWS-166	54.1	54.2	Right	314	75	0.5	OL	Road Crossing
Wayne	ATWS-753	54.2	54.3	Right	609	25	0.3	FW,OL	Topsoil Segregation
Wayne	ATWS-3439	54.2	54.2	Left	283	25	0.2	OL	Bend Installation
Wayne	ATWS-4399	54.4	54.5	Left	664	25	0.4	AG,RE	Bend Installation
Wayne	ATWS-3347	54.3	54.6	Right	1,379	25	0.8	AG,RE	Topsoil Segregation
Wayne	ATWS-139	54.6	54.6	Right	210	75	0.4	AG,OL	Road Crossing
Wayne	ATWS-2944	54.6	54.6	Left	264	50	0.3	AG,OL	Road Crossing
Wayne	ATWS-140	54.6	54.7	Right	166	50	0.2	AG,ID	Road Crossing
Wayne	ATWS-2943	54.6	54.7	Left	177	50	0.2	AG	Road Crossing
Wayne	ATWS-4398	54.7	54.7	Left	213	25	0.1	AG	Existing Pipeline Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Wayne	ATWS-4400	54.7	54.7	Right	370	25	0.2	AG,OL	Topsoil Segregation
Wayne	ATWS-1420	54.7	54.8	Right	429	25	0.2	AG	Topsoil Segregation
Wayne	ATWS-3348	54.7	54.8	Left	245	25	0.1	AG	Bend Installation
Wayne	ATWS-1421	54.8	54.9	Right	232	75	0.4	AG,FW,OL	Waterbody Crossing and Topsoil Segregation
Wayne	ATWS-4238	54.9	54.9	Left	100	50	0.1	AG	Waterbody Crossing
Wayne	ATWS-4239	54.9	54.9	Right	100	75	0.2	FW,OL	Waterbody Crossing and Topsoil Segregation
Wayne	ATWS-1382	54.9	55.2	Right	1,606	25	0.9	OL	Topsoil Segregation
Wayne	ATWS-3349	55.2	55.2	Left	75	25	0	OL	Existing Pipeline Crossing
Wayne	ATWS-3350	55.2	55.2	Left	75	25	0	OL	Existing Pipeline Crossing
Wayne	ATWS-141	55.2	55.3	Right	138	75	0.2	OL	Waterbody and Wetland Crossing
Wayne	ATWS-2945	55.2	55.3	Left	193	50	0.2	OL	Waterbody and Wetland Crossing
Wayne	ATWS-608	55.3	55.3	Right	140	75	0.2	AG,OL	Waterbody and Wetland Crossing
Wayne	ATWS-2946	55.3	55.3	Left	131	50	0.2	AG	Waterbody and Wetland Crossing
Wayne	ATWS-1348	55.3	55.4	Right	430	25	0.2	AG	Topsoil Segregation
Wayne	ATWS-2022	55.5	55.6	Right	527	25	0.3	AG	Topsoil Segregation
Wayne	ATWS-3351	55.6	55.6	Right	128	25	0.1	AG,FW	Topsoil Segregation
Wayne	ATWS-4240	55.6	55.6	Left	268	25	0.2	AG	Bend Installation
Wayne	ATWS-2948	55.6	55.7	Right	266	25	0.2	AG,ID,FW,R E	Road Crossing
Wayne	ATWS-2947	55.6	55.7	Left	199	75	0.3	AG,RE	Road Crossing
Wayne	ATWS-2949	55.7	55.8	Left	230	75	0.4	AG,OL	Road and Wetland Crossing
Wayne	ATWS-1423	55.7	55.9	Right	738	50	0.8	AG,OL	Bend Installation and Road and Wetland Crossing
Wayne	ATWS-4036	55.8	55.8	Left	100	25	0.1	AG	Bend Installation
Wayne	ATWS-1349	55.9	56.1	Right	1,314	25	0.8	AG	Topsoil Segregation
Wayne	ATWS-3189	56.1	56.1	Left	314	25	0.2	AG	Bend Installation
Wayne	ATWS-4487	56.2	56.2	Right	88	50	0.1	AG	Parking Area
Wayne	ATWS-1422	56.1	56.3	Right	886	25	0.5	AG	Topsoil Segregation
Wayne	ATWS-3353	56.3	56.3	Right	157	50	0.2	AG,FW	Bend Installation and Topsoil Segregation
Wayne	ATWS-4037	56.3	56.3	Left	200	25	0.1	AG,FW	Bend Installation
Wayne	ATWS-3352	56.3	56.3	Right	153	25	0.1	FW	Bend Installation
Wayne	ATWS-3354	56.4	56.5	Left	698	25	0.4	AG,FW,RE	Bend Installation and Topsoil Segregation
Wayne	ATWS-142	56.5	56.6	Right	274	75	0.5	OL,RE	Road Crossing
Wayne	ATWS-3231	56.5	56.6	Left	188	50	0.2	OL,RE	Road Crossing
Medina	ATWS-143	56.6	56.6	Right	252	75	0.4	AG,ID	Road Crossing
Medina	ATWS-3230	56.6	56.6	Left	176	50	0.2	AG,ID	Road Crossing
Medina	ATWS-4416	56.6	56.7	Right	439	25	0.3	AG	Topsoil Segregation
Medina	ATWS-144	56.7	56.8	Right	352	100	0.8	AG,FW,OL	Rail, Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-754	56.7	56.8	Left	285	75	0.5	AG	Rail, Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-755	56.8	56.9	Left	418	75	0.7	AG,ID	Bend Installation and Rail, Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-145	56.8	56.9	Right	560	75	1	AG,ID	Bend Installation and Rail, Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-1425	56.9	57.1	Right	1,359	25	0.8	AG	Topsoil Segregation
Medina	ATWS-3355	57.0	57.0	Left	301	25	0.2	AG,OL	Bend Installation
Medina	ATWS-2261	57.1	57.2	Left	336	50	0.4	AG	Bend Installation and Road and Wetland Crossing
Medina	ATWS-146	57.1	57.2	Right	180	75	0.3	OL	Road and Wetland Crossing
Medina	ATWS-4038	57.2	57.2	Right	106	50	0.1	OL,RE	Road and Wetland Crossing
Medina	ATWS-2237	57.2	57.2	Left	246	50	0.3	OL,RE	Bend Installation, Road and Waterbody Crossing
Medina	ATWS-271	57.3	57.3	Left	382	75	0.7	FW,OL	Road, Waterbody and Wetland Crossing
Wayne	ATWS-3356	57.4	57.4	Left	287	75	0.5	AG	Road, Waterbody and Wetland Crossing
Wayne	ATWS-4445	57.4	57.4	Right	225	30	0.2	AG	Road, Waterbody and Wetland Crossing
Wayne	ATWS-586	57.4	57.5	Left	222	25	0.1	AG	Topsoil Segregation
Wayne	ATWS-1426	57.5	57.6	Right	593	25	0.3	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Wayne	ATWS-2536	57.6	57.6	Right	237	75	0.3	AG,OL	Bend Installation and Waterbody Crossing and Topsoil Segregation
Wayne	ATWS-2537	57.6	57.6	Left	103	50	0.1	AG	Bend Installation and Waterbody Crossing
Wayne	ATWS-4507	57.6	57.6	Left	59	50	0.1	AG,OL	Bend Installation and Waterbody Crossing
Wayne	ATWS-2306	57.6	57.7	Right	174	75	0.3	AG,ID,OL	Road, Waterbody and Wetland Crossing
Wayne	ATWS-2305	57.7	57.7	Left	222	50	0.3	AG,ID,OL	Road, Waterbody and Wetland Crossing
Medina	ATWS-2304	57.7	57.7	Left	169	50	0.2	AG	Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-649	57.7	57.7	Right	161	75	0.3	AG	Road, Waterbody and Existing Pipeline Crossing
Medina	ATWS-1351	57.7	58.0	Right	1,450	25	0.8	AG,OL	Topsoil Segregation
Medina	ATWS-2307	57.9	58.0	Left	354	45	0.3	AG,ID,OL	Bend Installation and Road Crossing
Medina	ATWS-2308	58.0	58.0	Right	150	75	0.3	ID,OL,RE	Road Crossing
Medina	ATWS-2309	58.0	58.0	Right	148	75	0.3	AG,ID	Road Crossing
Medina	ATWS-2310	58.0	58.2	Right	437	50	0.6	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-4040	58.1	58.1	Left	275	25	0.2	AG	Bend Installation
Medina	ATWS-614	58.2	58.2	Right	454	25	0.3	AG	Topsoil Segregation
Medina	ATWS-2057	58.3	58.3	Right	192	75	0.3	AG,ID	Road and Wetland Crossing
Medina	ATWS-2056	58.3	58.3	Left	145	50	0.2	AG,ID	Road Crossing
Medina	ATWS-3357	58.3	58.4	Left	213	100	0.5	ID,FW	Road and Wetland Crossing
Medina	ATWS-756	58.4	58.5	Right	405	75	0.7	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Medina	ATWS-1350	58.5	58.7	Right	1,019	25	0.6	AG	Topsoil Segregation
Medina	ATWS-3257	58.7	58.8	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-3260	58.8	58.9	Left	301	25	0.2	AG	Bend Installation
Medina	ATWS-4488	59.1	59.1	Right	650	25	0.4	AG,OW	Access To Hydrostatic Test Water
Medina	ATWS-757	59.1	59.1	Left	369	25	0.2	AG	Bend Installation
Medina	ATWS-4041	58.8	59.2	Right	2,055	25	1.2	AG	Topsoil Segregation
Medina	ATWS-1427	59.3	59.3	Right	308	25	0.1	FW,OL	Topsoil Segregation
Medina	ATWS-3261	59.3	59.4	Left	248	25	0.1	OL,RE	Bend Installation
Medina	ATWS-587	59.4	59.4	Right	371	75	0.6	OL	Bend Installation and Road Crossing
Medina	ATWS-758	59.4	59.4	Left	113	50	0.1	ID,OL,RE	Bend Installation and Road Crossing
Medina	ATWS-1428	59.4	59.5	Left	191	50	0.2	AG,RE	Road Crossing
Medina	ATWS-588	59.4	59.5	Right	159	75	0.3	AG,ID	Road Crossing
Medina	ATWS-1429	59.5	59.6	Right	861	25	0.5	AG	Topsoil Segregation
Medina	ATWS-3262	59.5	59.6	Left	300	25	0.2	AG	Bend Installation
Medina	ATWS-3084	59.6	59.7	Right	203	50	0.2	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-4045	59.6	59.7	Left	170	25	0.1	AG,OL	Bend Installation
Medina	ATWS-1430	59.8	59.8	Right	383	75	0.7	FW,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Medina	ATWS-1431	59.9	60.1	Right	1,186	25	0.7	AG,FW,OL	Topsoil Segregation
Medina	ATWS-3085	60.1	60.1	Left	187	50	0.2	AG,FW	Bend Installation and Topsoil Segregation
Medina	ATWS-4046	60.1	60.1	Left	155	25	0.1	AG	Bend Installation
Medina	ATWS-3360	60.2	60.2	Left	75	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-3361	60.2	60.2	Left	80	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-3087	60.2	60.3	Left	223	50	0.3	AG,ID	Road Crossing
Medina	ATWS-1432	60.2	60.3	Right	139	75	0.2	AG,ID	Road Crossing
Medina	ATWS-3086	60.3	60.3	Left	119	50	0.1	AG	Road Crossing
Medina	ATWS-1352	60.3	60.7	Right	2,054	25	1.2	AG	Topsoil Segregation
Medina	ATWS-4243	60.7	60.7	Left	150	75	0.3	AG,FW	Waterbody and Wetland Crossing
Medina	ATWS-3363	60.8	60.8	Right	171	50	0.2	FW,OL	Waterbody and Existing Pipeline Crossing
Medina	ATWS-3362	60.8	60.8	Left	189	50	0.2	FW	Bend Installation and Existing Pipeline Crossing
Medina	ATWS-4043	60.9	60.9	Left	160	50	0.2	AG	Waterbody Crossing
Medina	ATWS-1433	60.9	60.9	Right	135	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-1434	60.9	61.1	Right	913	25	0.5	AG	Topsoil Segregation
Medina	ATWS-151	61.1	61.2	Right	353	50	0.4	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-4044	61.1	61.2	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-1435	61.2	61.3	Right	502	25	0.3	AG	Topsoil Segregation
Medina	ATWS-3089	61.3	61.3	Left	185	50	0.2	AG	Road Crossing
Medina	ATWS-152	61.3	61.4	Right	374	75	0.6	AG,ID	Road Crossing
Medina	ATWS-3088	61.3	61.4	Left	479	50	0.5	AG,ID	Road Crossing
Medina	ATWS-274	61.4	61.4	Right	155	75	0.3	AG,ID	Road Crossing
Medina	ATWS-153	61.4	61.4	Right	212	142	0.7	AG,ID	Road Crossing and Access
Medina	ATWS-3090	61.4	61.5	Left	146	50	0.2	AG,ID	Road Crossing
Medina	ATWS-3364	61.4	61.5	Right	124	75	0.2	AG	Road Crossing
Medina	ATWS-2075	61.5	61.5	Right	156	25	0.1	AG	Topsoil Segregation
Medina	ATWS-1353	61.5	61.8	Right	1,293	25	0.7	AG,OL	Topsoil Segregation
Medina	ATWS-2195	61.8	61.8	Right	184	75	0.3	AG	Waterbody and Wetland Crossing
Medina	ATWS-2439	61.8	61.9	Left	135	50	0.2	AG	Waterbody and Wetland Crossing
Medina	ATWS-2440	61.8	61.9	Right	150	75	0.3	AG	Waterbody and Wetland Crossing
Medina	ATWS-2441	61.9	61.9	Left	149	50	0.2	AG	Waterbody and Wetland Crossing
Medina	ATWS-2422	61.9	62.0	Right	1,172	25	0.7	AG	Topsoil Segregation
Medina	ATWS-3365	62.0	62.0	Left	292	25	0.2	AG	Bend Installation
Medina	ATWS-3366	62.0	62.1	Left	300	25	0.2	AG	Bend Installation
Medina	ATWS-4242	62.1	62.2	Right	357	25	0.2	AG	Topsoil Segregation
Medina	ATWS-3091	62.2	62.3	Right	301	50	0.3	AG,FW	Bend Installation and Topsoil Segregation
Medina	ATWS-4047	62.2	62.2	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-1438	62.3	62.6	Right	1,853	25	1.1	AG,OL	Topsoil Segregation
Medina	ATWS-3092	62.3	62.4	Left	300	25	0.2	AG	Bend Installation
Medina	ATWS-154	62.6	62.6	Right	129	75	0.2	ID,OL	Road Crossing
Medina	ATWS-2950	62.6	62.6	Left	131	50	0.2	ID,OL	Road Crossing
Medina	ATWS-2423	62.6	62.7	Left	183	50	0.2	ID,OL,RE	Road and Wetland Crossing
Medina	ATWS-155	62.6	62.7	Right	182	100	0.4	ID,OL	Road and Wetland Crossing
Medina	ATWS-4491	62.8	62.8	Right	121	50	0.1	OL	Wetland Crossing
Medina	ATWS-4492	62.9	62.9	Right	183	25	0.2	AG,OL	Wetland Crossing
Medina	ATWS-2951	63.0	63.2	Left	1,182	75	2	AG,FW	Bend Installation and Road and Wetland Crossing
Medina	ATWS-759	63.0	63.1	Right	413	50	0.5	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-156	63.1	63.2	Right	472	100	1.1	AG	Road Crossing
Medina	ATWS-157	63.2	63.3	Right	421	75	0.7	AG,FW	Road Crossing
Medina	ATWS-2952	63.2	63.3	Left	424	50	0.5	AG,FW,OL	Road Crossing
Medina	ATWS-3370	63.6	63.7	Right	692	25	0.4	AG	Topsoil Segregation
Medina	ATWS-3369	63.7	63.8	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-4048	63.7	63.8	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-4245	63.8	63.9	Left	75	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-2020	63.8	64.2	Right	1,847	25	1.1	AG	Topsoil Segregation
Medina	ATWS-171	64.1	64.2	Left	578	25	0.3	AG	Bend Installation
Medina	ATWS-2953	64.2	64.2	Left	180	50	0.2	AG	Road Crossing
Medina	ATWS-275	64.2	64.2	Right	250	75	0.4	AG,OL	Road Crossing
Medina	ATWS-2954	64.2	64.3	Left	228	50	0.3	AG	Road Crossing
Medina	ATWS-276	64.2	64.3	Right	171	75	0.3	AG	Road Crossing
Medina	ATWS-1443	64.3	64.4	Right	574	25	0.3	AG	Topsoil Segregation
Medina	ATWS-159	64.4	64.4	Right	229	75	0.4	AG,ID	Bend Installation and Road Crossing
Medina	ATWS-2956	64.4	64.4	Left	153	50	0.2	AG,ID	Road Crossing
Medina	ATWS-158	64.4	64.5	Right	179	75	0.3	AG,ID	Road Crossing
Medina	ATWS-2955	64.4	64.5	Left	158	50	0.2	AG,ID	Road Crossing
Medina	ATWS-1444	64.5	64.5	Right	297	25	0.2	AG	Topsoil Segregation
Medina	ATWS-590	64.5	64.6	Right	167	75	0.3	AG	Wetland Crossing
Medina	ATWS-760	64.6	64.6	Right	125	75	0.2	AG	Wetland Crossing
Medina	ATWS-4397	64.6	64.6	Right	70	25	0	AG	Topsoil Segregation
Medina	ATWS-2155	64.7	64.8	Right	989	25	0.6	AG	Topsoil Segregation
Medina	ATWS-277	65.0	65.1	Left	528	25	0.3	AG,FW	Bend Installation
Medina	ATWS-1354	65.0	65.1	Right	695	25	0.4	AG,FW	Topsoil Segregation
Medina	ATWS-3190	65.1	65.2	Right	433	25	0.2	AG,FW	Topsoil Segregation
Medina	ATWS-696	65.3	65.3	Right	85	50	0.1	FW	Waterbody Crossing
Medina	ATWS-695	65.3	65.3	Right	83	50	0.1	FW	Waterbody Crossing
Medina	ATWS-4246	65.4	65.4	Left	100	50	0.1	FW,OL	Waterbody Crossing
Medina	ATWS-1356	65.4	65.8	Right	2,199	25	1.3	AG,OL	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-278	65.8	65.8	Left	126	50	0.1	ID,FW	Road Crossing
Medina	ATWS-3093	65.8	65.8	Right	226	75	0.4	AG,ID,FW	Road Crossing
Medina	ATWS-279	65.8	65.8	Left	120	50	0.1	AG,ID,RE	Road Crossing
Medina	ATWS-1974	65.8	65.9	Right	87	50	0.1	AG,ID,RE	Road Crossing
Medina	ATWS-2193	65.8	65.9	Left	280	425	2.3	AG,FW,RE	Spoil Storage for Deep Bore Excavation of I-71
Medina	ATWS-160	65.9	66.0	Right	262	90	0.5	OL,RE	Road, Waterbody, Wetland and Existing Pipeline Crossing
Medina	ATWS-2019	65.9	66.0	Left	132	150	0.4	OL	Road, Waterbody, Wetland and Existing Pipeline Crossing
Medina	ATWS-161	66.0	66.1	Right	436	100	1	AG	Road, Waterbody, Wetland and Existing Pipeline Crossing
Medina	ATWS-2957	66.0	66.1	Left	300	75	0.5	AG	Road, Waterbody, Wetland and Existing Pipeline Crossing
Medina	ATWS-654	66.1	66.2	Right	283	75	0.5	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Medina	ATWS-1446	66.3	66.6	Right	1,824	25	1	AG,FW	Topsoil Segregation
Medina	ATWS-3384	66.6	66.6	Left	155	25	0.1	AG	Bend Installation
Medina	ATWS-2959	66.6	66.7	Left	163	50	0.2	AG,ID	Road and Existing Pipeline Crossing
Medina	ATWS-162	66.6	66.7	Right	159	75	0.3	AG	Road and Existing Pipeline Crossing
Medina	ATWS-2958	66.7	66.7	Left	188	50	0.2	AG	Road Crossing
Medina	ATWS-163	66.7	66.7	Right	164	75	0.3	AG	Road Crossing
Medina	ATWS-1357	66.7	67.1	Right	1,937	25	1.1	AG	Topsoil Segregation
Medina	ATWS-164	67.1	67.1	Left	130	50	0.1	AG,ID	Road Crossing
Medina	ATWS-2867	67.1	67.1	Right	132	75	0.2	AG,ID	Road Crossing
Medina	ATWS-2868	67.1	67.1	Right	126	75	0.2	ID,OL,RE	Road and Wetland Crossing and Topsoil Segregation
Medina	ATWS-165	67.1	67.1	Left	125	50	0.1	OL	Road and Wetland Crossing
Medina	ATWS-3383	67.1	67.2	Right	233	50	0.2	OL,RE	Road Crossing and Access
Medina	ATWS-2163	67.2	67.2	Right	123	75	0.2	AG,OL,RE	Driveway Crossing
Medina	ATWS-1447	67.2	67.3	Right	541	25	0.3	AG,OL,RE	Topsoil Segregation
Medina	ATWS-1448	67.3	67.4	Right	234	50	0.3	AG,FW,RE	Bend Installation and Topsoil Segregation
Medina	ATWS-4049	67.3	67.4	Left	174	25	0.1	AG,FW	Bend Installation
Medina	ATWS-280	67.5	67.5	Left	403	125	1.2	AG,FW	Bend Installation and Topsoil Segregation and Wetland Crossing
Medina	ATWS-2366	67.5	67.5	Right	149	25	0.1	AG,FW	Drag Section Bend Installation
Medina	ATWS-4247	67.6	67.7	Left	193	100	0.4	FW,OL	Waterbody and Wetland Crossing and Steep Terrain Construction
Medina	ATWS-4248	67.7	67.8	Left	260	100	0.6	FW	Waterbody and Wetland Crossing and Steep Terrain Construction
Medina	ATWS-4249	67.8	67.8	Left	240	50	0.3	FW	Waterbody and Wetland Crossing and Steep Terrain Construction
Medina	ATWS-172	67.9	67.9	Left	157	25	0.1	FW,OL	Bend Installation
Medina	ATWS-2018	68.0	68.0	Right	380	25	0.2	OL,RE	Topsoil Segregation
Medina	ATWS-3094	68.0	68.1	Right	188	50	0.2	OL,RE	Bend Installation and Topsoil Segregation and Steep Terrain Construction
Medina	ATWS-1450	68.2	68.3	Right	550	75	0.9	AG,ID,FW	Road, Waterbody and Wetland Crossing and Topsoil Segregation
Medina	ATWS-803	68.2	68.3	Left	195	75	0.3	AG,ID	Road Crossing
Medina	ATWS-2284	68.4	68.4	Left	109	100	0.2	AG	Road Crossing (Long Bore)
Medina	ATWS-173	68.4	68.4	Right	315	75	0.5	AG,OL,RE	Road Crossing (Long Bore) and Topsoil Segregation and Waterbody Crossing
Medina	ATWS-1358	68.5	68.6	Right	248	75	0.4	AG,FW	Waterbody Crossing and Topsoil Segregation
Medina	ATWS-4259	68.7	68.7	Left	301	100	0.7	FW,OL	Waterbody Crossing and Topsoil Segregation
Medina	ATWS-2368	68.7	68.7	Right	121	75	0.2	FW,OL	Waterbody Crossing and Topsoil Segregation
Medina	ATWS-4050	68.8	68.8	Left	135	50	0.2	ID,FW	Waterbody Crossing
Medina	ATWS-4052	68.8	68.8	Left	109	75	0.2	FW	Chippewa Rail Trail and Waterbody Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-4054	68.8	68.8	Right	173	50	0.2	FW	Chippewa Rail Trail and Waterbody Crossing
Medina	ATWS-4051	68.8	68.9	Left	165	65	0.1	FW,OL	Chippewa Rail Trail Crossing
Medina	ATWS-4053	68.8	68.9	Right	210	50	0.2	FW,OL	Chippewa Rail Trail Crossing
Medina	ATWS-761	68.9	69.1	Right	878	25	0.5	AG,FW,RE	Topsoil Segregation
Medina	ATWS-3388	69.1	69.1	Right	209	25	0.1	RE	Topsoil Segregation
Medina	ATWS-175	69.1	69.2	Right	442	25	0.3	OL,RE	Topsoil Segregation
Medina	ATWS-1451	69.2	69.3	Left	613	25	0.4	ID,FW,OL,R E	Bend Installation and Road Crossing
Medina	ATWS-4537	69.2	69.3	Right	200	25	0.1	OL	Bend Installation
Medina	ATWS-3371	69.3	69.3	Right	265	75	0.5	ID,FW,OL	Road Crossing
Medina	ATWS-3372	69.4	69.5	Left	495	75	0.9	AG,OL	Road and Rail Crossing
Medina	ATWS-3374	69.4	69.5	Right	514	70	0.9	AG	Road and Rail Crossing
Medina	ATWS-281	69.5	69.6	Left	425	260	1.6	OL	Rail Crossing
Medina	ATWS-1452	69.6	69.7	Left	775	75	1.3	OL	Topsoil Segregation and Waterbody Crossing
Medina	ATWS-176	69.7	69.8	Left	868	75	1.5	OL	Waterbody, Wetland and Existing Pipeline Crossing and Topsoil Segregation and Bend Installation
Medina	ATWS-4055	70.0	70.1	Left	603	25	0.3	OL	Bend Installation
Medina	ATWS-1455	70.0	70.2	Right	868	75	1.5	FW,OL	Bend Installation, Wetland Crossing and Topsoil Segregation
Medina	ATWS-1456	70.2	70.3	Right	645	75	1.1	AG,FW	Wetland Crossing and Topsoil Segregation
Medina	ATWS-3376	70.3	70.3	Right	106	25	0.1	AG,OL	Topsoil Segregation
Medina	ATWS-3380	70.5	70.5	Left	201	25	0.1	AG,OL	Bend Installation and Existing Pipeline Crossing
Medina	ATWS-3381	70.5	70.5	Left	49	25	0	OL	Bend Installation and Existing Pipeline Crossing
Medina	ATWS-4538	70.5	70.5	Right	87	25	0	OL	Topsoil Segregation
Medina	ATWS-4477	70.5	70.6	Right	593	25	0.3	AG,OL	Topsoil Segregation
Medina	ATWS-3379	70.6	70.6	Left	238	25	0.1	AG	Wetland and Existing Pipeline Crossing
Medina	ATWS-3378	70.6	70.7	Left	75	25	0	AG	Wetland and Existing Pipeline Crossing
Medina	ATWS-4476	70.6	70.7	Right	572	25	0.3	AG,OL	Topsoil Segregation
Medina	ATWS-2845	70.7	70.8	Left	188	100	0.4	AG,OL	Chippewa Rail Trail, Waterbody, and Wetland Crossing
Medina	ATWS-2373	70.7	70.8	Right	161	75	0.3	AG,OL	Chippewa Rail Trail, Waterbody, and Wetland Crossing
Medina	ATWS-2846	70.8	70.8	Left	211	75	0.4	AG	Chippewa Rail Trail, Waterbody, and Wetland Crossing
Medina	ATWS-2374	70.8	70.9	Right	434	75	0.7	AG,ID,OL	Chippewa Rail Trail, Road, Waterbody, and Wetland Crossing
Medina	ATWS-3095	70.9	70.9	Left	197	50	0.2	AG,ID,OL	Road and Waterbody Crossing
Medina	ATWS-2375	70.9	71.0	Right	218	75	0.4	AG	Road and Waterbody Crossing
Medina	ATWS-3382	70.9	71.0	Left	183	50	0.2	AG	Road and Waterbody Crossing
Medina	ATWS-3387	71.0	71.0	Left	152	25	0.1	AG	Bend Installation
Medina	ATWS-1360	71.0	71.0	Right	356	25	0.2	AG	Topsoil Segregation
Medina	ATWS-3385	71.0	71.1	Right	379	125	1.1	AG	HDD Entry Location
Medina	ATWS-4056	71.4	71.4	Right	350	125	1	AG	HDD Exit Location
Medina	ATWS-3687	71.4	71.6	Right	949	25	0.5	AG	Topsoil Segregation
Medina	ATWS-3686	71.6	71.6	Right	111	75	0.2	AG	Waterbody and Wetland Crossing
Medina	ATWS-3689	71.6	71.6	Left	100	50	0.1	AG	Waterbody and Wetland Crossing
Medina	ATWS-3685	71.6	71.7	Right	100	75	0.2	AG	Waterbody and Wetland Crossing
Medina	ATWS-3688	71.7	71.7	Left	306	50	0.4	AG	Waterbody and Wetland Crossing
Medina	ATWS-1361	71.7	71.8	Right	744	25	0.4	AG,RE	Topsoil Segregation
Medina	ATWS-3391	71.8	71.9	Right	217	50	0.2	AG,RE	Bend Installation and Topsoil Segregation
Medina	ATWS-4057	71.8	71.9	Left	195	25	0.1	AG,RE	Bend Installation
Medina	ATWS-178	71.9	71.9	Left	182	40	0.1	AG,RE	Bend Installation and Road Crossing
Medina	ATWS-3390	71.9	71.9	Right	285	75	0.5	AG,ID,RE	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-179	71.9	71.9	Left	174	50	0.2	AG,ID,OL	Road Crossing
Medina	ATWS-3096	71.9	71.9	Right	154	75	0.3	AG,ID,RE	Road Crossing
Medina	ATWS-4475	71.9	71.9	Right	80	30	0.1	RE	Access To Hydrostatic Test Water
Medina	ATWS-3098	71.9	72.0	Right	405	25	0.2	AG,RE	Topsoil Segregation
Medina	ATWS-3097	72.0	72.1	Right	301	50	0.3	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-4058	72.0	72.1	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-1460	72.1	72.2	Right	484	75	0.8	AG	Wetland Crossing and Topsoil Segregation
Medina	ATWS-3728	72.1	72.1	Left	300	25	0.2	AG	Bend Installation
Medina	ATWS-3730	72.4	72.4	Right	469	50	0.5	FW	Wetland Crossing
Medina	ATWS-3729	72.5	72.5	Right	362	25	0.2	FW	Wetland Crossing and Equipment Movement
Medina	ATWS-3393	72.5	72.5	Left	157	25	0.1	FW	Bend Installation
Medina	ATWS-181	72.5	72.5	Left	139	75	0.2	ID,FW,OL	Road and Wetland Crossing
Medina	ATWS-3392	72.5	72.6	Right	218	75	0.4	ID,FW,OL	Road and Wetland Crossing
Medina	ATWS-180	72.5	72.6	Left	247	50	0.3	ID,RE	Bend Installation and Road Crossing
Medina	ATWS-283	72.7	72.7	Left	223	75	0.4	RE	Rail and Wetland Crossing
Medina	ATWS-4059	72.8	72.8	Left	151	60	0.1	FW,RE	Rail and Wetland Crossing
Medina	ATWS-182	72.8	72.9	Left	232	75	0.4	OL	Rail and Wetland Crossing
Medina	ATWS-3731	72.9	72.9	Left	133	50	0.2	FW	Waterbody Crossing
Medina	ATWS-3732	72.9	72.9	Left	106	75	0.2	AG,FW	Waterbody Crossing
Medina	ATWS-183	72.9	73.1	Left	674	25	0.4	AG,FW	Topsoil Segregation
Medina	ATWS-763	73.1	73.1	Left	108	25	0.1	AG	Topsoil Segregation
Medina	ATWS-2216	73.1	73.2	Right	281	25	0.2	AG	Bend Installation
Medina	ATWS-2217	73.1	73.2	Left	304	25	0.2	AG	Topsoil Segregation
Medina	ATWS-2218	73.2	73.2	Left	118	75	0.2	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Medina	ATWS-2219	73.2	73.3	Left	286	25	0.2	AG,FW,OL	Bend Installation
Medina	ATWS-3735	73.2	73.2	Right	252	25	0.1	FW,OL	Bend Installation and Waterbody and Wetland Crossing and Equipment Movement
Medina	ATWS-3734	73.3	73.3	Right	62	25	0	FW,OL	Waterbody and Wetland Crossing and Equipment Movement
Medina	ATWS-3733	73.3	73.3	Right	108	25	0.1	FW	Bend Installation and Waterbody and Wetland Crossing and Equipment Movement
Medina	ATWS-3737	73.4	73.4	Left	158	25	0.1	OL	Bend Installation and Waterbody and Wetland Crossing
Medina	ATWS-2014	73.4	73.5	Left	154	75	0.3	OL	Waterbody and Existing Pipeline Crossing
Medina	ATWS-284	73.5	73.6	Left	720	100	1.7	OL	Waterbody, Rail and Existing Pipeline Crossing
Medina	ATWS-285	73.7	73.7	Right	252	75	0.4	FW,OL,RE	Road, Rail and Existing Pipeline Crossing
Medina	ATWS-3736	73.7	73.8	Left	270	50	0.2	AG,RE	Road Crossing
Medina	ATWS-1461	73.7	73.8	Right	512	75	0.9	AG,OL,RE	Road and Wetland Crossing
Medina	ATWS-1463	73.9	73.9	Right	165	75	0.3	AG	Wetland Crossing and Topsoil Segregation
Medina	ATWS-1464	74.0	74.0	Right	243	75	0.4	AG,FW,OL,RE	Wetland Crossing and Topsoil Segregation
Medina	ATWS-1465	74.0	74.1	Right	320	25	0.2	AG	Topsoil Segregation
Medina	ATWS-2960	74.1	74.1	Left	172	50	0.2	AG,ID,FW	Road Crossing
Medina	ATWS-184	74.1	74.1	Right	160	75	0.3	AG,ID	Road Crossing
Medina	ATWS-185	74.1	74.2	Left	148	50	0.2	AG,ID	Road Crossing
Medina	ATWS-1345	74.2	74.7	Right	2,815	25	1.6	AG,FW,RE	Topsoil Segregation
Medina	ATWS-4060	74.2	74.2	Left	148	25	0.1	AG	Bend Installation
Medina	ATWS-4493	74.7	74.8	Right	510	25	0.3	AG	Topsoil Segregation
Medina	ATWS-4494	74.8	75.0	Right	626	25	0.4	AG	Topsoil Segregation
Medina	ATWS-3099	74.9	74.9	Left	299	25	0.2	AG	Bend Installation
Medina	ATWS-2961	75.0	75.0	Right	249	75	0.4	AG,ID	Bend Installation and Road Crossing
Medina	ATWS-186	75.0	75.0	Left	174	50	0.2	AG,ID	Bend Installation and Road Crossing
Medina	ATWS-187	75.0	75.0	Left	133	75	0.2	AG,ID	Road Crossing
Medina	ATWS-3739	75.0	75.1	Right	178	25	0.1	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-3738	75.0	75.1	Left	121	25	0.1	AG	Existing Pipeline Crossing
Medina	ATWS-4543	75.1	75.1	Left	145	75	0.1	AG,OL	Existing Pipeline and Waterbody Crossing
Medina	ATWS-3100	75.1	75.1	Right	70	75	0.1	AG	Waterbody Crossing
Medina	ATWS-2731	75.1	75.1	Right	75	75	0.1	AG,OL	Waterbody Crossing
Medina	ATWS-3101	75.1	75.1	Left	80	50	0.1	AG,OL	Waterbody Crossing
Medina	ATWS-1467	75.1	75.3	Right	844	25	0.5	AG	Topsoil Segregation
Medina	ATWS-2388	75.3	75.3	Right	229	50	0.3	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-3102	75.3	75.3	Left	171	25	0.1	AG	Existing Pipeline Crossing
Medina	ATWS-2393	75.3	75.3	Right	249	25	0.1	AG	Topsoil Segregation
Medina	ATWS-2392	75.3	75.4	Right	281	50	0.3	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-3741	75.4	75.4	Right	214	75	0.4	AG	Wetland Crossing and Topsoil Segregation
Medina	ATWS-2732	75.4	75.4	Left	100	50	0.1	AG	Wetland Crossing
Medina	ATWS-2396	75.4	75.5	Left	296	75	0.5	AG,FW,OL	Rail, Waterbody and Wetland Crossing
Medina	ATWS-2397	75.4	75.5	Right	355	90	0.7	AG,FW,OL	Rail, Waterbody and Wetland Crossing
Medina	ATWS-2399	75.5	75.6	Left	554	100	1.3	AG	Rail Crossing
Medina	ATWS-2398	75.5	75.6	Right	157	75	0.3	AG	Rail Crossing
Medina	ATWS-2400	75.6	75.7	Right	420	25	0.2	AG	Topsoil Segregation
Medina	ATWS-2632	75.7	75.8	Right	406	75	0.7	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Medina	ATWS-3742	75.9	75.9	Left	225	25	0.1	FW,OL	Bend Installation and Topsoil Segregation
Medina	ATWS-3743	75.9	75.9	Right	110	25	0.1	OL	Topsoil Segregation
Medina	ATWS-2633	76.0	76.0	Left	164	25	0.1	AG,FW	Existing Pipeline and Waterbody Crossing
Medina	ATWS-2634	76.0	76.1	Left	198	25	0.1	AG,FW	Existing Pipeline Crossing
Medina	ATWS-2405	76.1	76.2	Left	398	25	0.2	AG	Bend Installation
Medina	ATWS-2401	76.2	76.3	Right	486	25	0.3	AG	Topsoil Segregation
Medina	ATWS-4061	76.3	76.3	Left	140	25	0.1	AG,FW	Bend Installation and Waterbody and Wetland Crossing
Medina	ATWS-2592	76.3	76.3	Left	98	75	0.2	ID,FW,OL	Road, Waterbody and Wetland Crossing
Medina	ATWS-2591	76.3	76.3	Right	123	75	0.1	ID,OL	Road, Waterbody and Wetland Crossing
Medina	ATWS-2593	76.3	76.4	Right	133	50	0.2	ID,OL,RE	Road Crossing
Medina	ATWS-2962	76.3	76.4	Left	88	75	0.2	ID,FW,OL	Road Crossing
Medina	ATWS-2407	76.5	76.6	Right	656	25	0.4	AG	Topsoil Segregation
Medina	ATWS-3745	76.5	76.6	Left	330	25	0.2	AG	Bend Installation and Existing Pipeline Crossing
Medina	ATWS-2411	76.6	76.8	Right	1,159	25	0.7	AG,FW,RE	Topsoil Segregation
Medina	ATWS-3744	76.6	76.6	Left	75	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-4062	76.6	76.7	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-4064	76.8	76.8	Left	51	25	0	AG	Farm Road Crossing
Medina	ATWS-4063	76.8	76.8	Left	50	25	0	AG	Farm Road Crossing
Medina	ATWS-2412	76.8	76.9	Right	151	25	0.1	AG	Topsoil Segregation
Medina	ATWS-2413	76.9	76.9	Right	194	75	0.3	AG,OL	Bend Installation and Waterbody and Wetland Crossing
Medina	ATWS-4065	76.9	76.9	Left	185	25	0.1	AG	Bend Installation
Medina	ATWS-3398	77.0	77.0	Right	112	50	0.1	OL	Waterbody and Wetland Crossing
Medina	ATWS-3397	77.0	77.0	Left	100	50	0.1	OL	Waterbody and Wetland Crossing
Medina	ATWS-2417	77.0	77.0	Right	161	75	0.3	ID,OL	Road, Waterbody and Wetland Crossing
Medina	ATWS-3396	77.0	77.0	Left	135	50	0.2	ID,OL	Road, Waterbody and Wetland Crossing
Medina	ATWS-2415	77.0	77.1	Right	211	75	0.4	AG,ID,FW,OL	Road Crossing
Medina	ATWS-3399	77.0	77.1	Left	208	50	0.2	AG,ID,FW,OL	Road Crossing
Medina	ATWS-2416	77.1	77.3	Right	1,485	25	0.9	AG	Topsoil Segregation
Medina	ATWS-3746	77.3	77.4	Left	300	25	0.2	AG	Bend Installation
Medina	ATWS-2419	77.4	77.4	Right	238	25	0.1	AG	Topsoil Segregation
Medina	ATWS-4504	77.4	77.4	Right	141	75	0.2	AG	Wetland Crossing
Medina	ATWS-3747	77.5	77.5	Right	142	25	0.1	AG,FW	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Medina	ATWS-2421	77.5	77.6	Right	250	50	0.3	AG,FW	Bend Installation and Topsoil Segregation
Medina	ATWS-4066	77.5	77.5	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-2389	77.6	77.6	Right	177	25	0.1	AG	Topsoil Segregation
Medina	ATWS-4469	77.6	77.6	Right	242	50	0.3	AG	Wetland Crossing
Medina	ATWS-4466	77.6	77.7	Right	96	25	0.1	AG	Topsoil Segregation
Medina	ATWS-2387	77.7	77.8	Right	432	25	0.2	AG	Topsoil Segregation
Medina	ATWS-2390	77.8	77.8	Right	115	50	0.1	AG,FW	Bend Installation and Waterbody and Wetland Crossing
Medina	ATWS-3400	77.8	77.8	Left	128	25	0.1	AG,FW	Existing Pipeline Crossing
Medina	ATWS-3401	77.8	77.8	Left	64	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-2597	77.8	77.9	Right	366	25	0.2	AG	Topsoil Segregation
Medina	ATWS-3170	77.8	77.8	Left	99	50	0.1	AG	Bend Installation and Waterbody and Wetland Crossing
Medina	ATWS-3169	77.8	77.9	Left	138	25	0.1	AG	Bend Installation
Medina	ATWS-2594	77.9	77.9	Right	295	25	0.2	AG	Topsoil Segregation
Medina	ATWS-3748	77.9	77.9	Left	100	25	0.1	AG	Bend Installation
Medina	ATWS-2964	77.9	78.0	Left	148	50	0.2	AG	Road and Waterbody Crossing
Medina	ATWS-2932	77.9	78.0	Right	158	75	0.3	AG	Road and Waterbody Crossing
Medina	ATWS-2931	78.0	78.0	Right	166	75	0.3	AG,ID,OL	Road and Waterbody Crossing
Medina	ATWS-2963	78.0	78.0	Left	160	50	0.2	AG,ID,OL	Road and Waterbody Crossing
Medina	ATWS-4067	78.0	78.0	Right	181	25	0.1	AG	Topsoil Segregation
Medina	ATWS-2596	78.0	78.2	Right	806	25	0.5	AG	Topsoil Segregation
Medina	ATWS-2598	78.2	78.3	Right	512	25	0.3	AG,OL	Topsoil Segregation
Medina	ATWS-1481	78.3	78.3	Right	211	50	0.2	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Medina	ATWS-4068	78.3	78.4	Left	122	25	0.1	AG	Bend Installation and Wetland Crossing
Medina	ATWS-1484	78.3	78.9	Right	2,797	25	1.6	AG,OL	Topsoil Segregation
Medina	ATWS-3749	78.6	78.6	Left	75	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-3750	78.6	78.7	Left	75	25	0	AG	Existing Pipeline Crossing
Medina	ATWS-3405	78.9	78.9	Left	130	50	0.1	AG	Waterbody Crossing
Medina	ATWS-3403	78.9	78.9	Right	130	75	0.2	AG,OL	Waterbody Crossing
Medina	ATWS-3404	78.9	78.9	Right	169	75	0.3	AG,OL	Waterbody Crossing
Medina	ATWS-3406	78.9	78.9	Left	128	50	0.1	AG,OL,RE	Waterbody Crossing
Medina	ATWS-1485	78.9	79.0	Right	528	25	0.3	AG	Topsoil Segregation
Medina	ATWS-3103	79.0	79.1	Left	122	50	0.1	AG,ID	Waterbody Crossing
Medina	ATWS-195	79.0	79.1	Right	163	75	0.3	AG,ID	Waterbody Crossing
Medina	ATWS-3407	79.1	79.1	Left	180	50	0.2	AG,RE	Waterbody Crossing
Medina	ATWS-196	79.1	79.1	Right	134	75	0.2	AG,OL,RE	Waterbody Crossing
Medina	ATWS-1486	79.1	79.2	Right	339	25	0.2	AG	Topsoil Segregation
Medina	ATWS-764	79.2	79.2	Right	315	50	0.4	AG,OL	Bend Installation and Topsoil Segregation
Medina	ATWS-4069	79.2	79.2	Left	200	25	0.1	AG	Bend Installation
Medina	ATWS-2058	79.2	79.3	Right	635	25	0.4	AG	Topsoil Segregation
Medina	ATWS-3751	79.3	79.3	Left	212	25	0.1	AG	Bend Installation
Medina	ATWS-2013	79.3	79.5	Right	827	25	0.5	AG	Topsoil Segregation
Medina	ATWS-1487	79.5	79.6	Right	380	25	0.2	AG	Topsoil Segregation
Medina	ATWS-765	79.6	79.6	Right	173	75	0.3	AG,ID,OL	Road Crossing
Medina	ATWS-2965	79.6	79.6	Left	127	50	0.1	AG,ID,OL	Road Crossing
Medina	ATWS-2966	79.6	79.7	Left	222	50	0.3	AG,ID,OL	Road Crossing
Medina	ATWS-766	79.6	79.7	Right	176	75	0.3	AG,ID,OL	Road Crossing
Medina	ATWS-3105	79.7	79.7	Right	321	25	0.2	AG	Topsoil Segregation
Medina	ATWS-3104	79.7	79.8	Right	307	50	0.4	AG	Bend Installation and Topsoil Segregation
Medina	ATWS-1347	79.8	80.3	Right	2,995	25	1.7	AG,OL	Topsoil Segregation
Medina	ATWS-767	80.1	80.1	Left	320	25	0.2	AG,FW,OL	Bend Installation
Medina	ATWS-3752	80.4	80.4	Left	252	25	0.1	AG,FW,OL	Bend Installation
Lorain	ATWS-1489	80.6	80.7	Right	760	75	1.3	AG	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-3758	80.7	81.0	Right	1,239	25	0.7	AG	Topsoil Segregation
Lorain	ATWS-4070	81.0	81.0	Right	250	75	0.4	AG	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1335	81.1	81.2	Right	369	25	0.2	AG,OL	Topsoil Segregation
Lorain	ATWS-197	81.2	81.2	Right	153	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-2934	81.2	81.2	Left	174	50	0.2	AG,OL	Road Crossing
Lorain	ATWS-198	81.2	81.2	Right	172	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-2933	81.2	81.2	Left	137	50	0.2	AG,ID,OL	Road Crossing
Lorain	ATWS-1490	81.2	81.3	Right	637	25	0.4	AG	Topsoil Segregation
Lorain	ATWS-3759	81.3	81.4	Left	100	50	0.1	AG	Waterbody Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lorain	ATWS-2542	81.3	81.4	Right	100	75	0.2	AG	Waterbody Crossing
Lorain	ATWS-2541	81.4	81.4	Right	100	75	0.2	AG	Waterbody Crossing
Lorain	ATWS-2424	81.4	81.4	Left	297	25	0.2	AG	Bend Installation
Lorain	ATWS-199	81.4	81.5	Right	391	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-3107	81.6	81.6	Right	207	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-3106	81.6	81.7	Right	313	50	0.4	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4071	81.6	81.7	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-1336	81.7	82.0	Right	1,477	25	0.8	AG,OL	Topsoil Segregation
Lorain	ATWS-3760	82.0	82.0	Right	185	25	0.1	AG,FW	Topsoil Segregation
Lorain	ATWS-1337	82.1	82.4	Right	1,455	25	0.8	AG,FW	Topsoil Segregation
Lorain	ATWS-3761	82.4	82.5	Right	444	50	0.5	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-2729	82.5	82.6	Right	561	25	0.3	AG,OL	Topsoil Segregation
Lorain	ATWS-2243	82.5	82.6	Left	324	50	0.4	AG,ID,OL	Bend Installation and Road and Wetland Crossing
Lorain	ATWS-2242	82.6	82.6	Right	163	75	0.3	AG,ID,OL	Road and Wetland Crossing
Lorain	ATWS-201	82.6	82.6	Left	128	50	0.1	OL	Road and Wetland Crossing
Lorain	ATWS-768	82.6	82.6	Right	59	75	0.1	OL,RE	Road and Wetland Crossing
Lorain	ATWS-594	82.7	82.7	Right	182	75	0.3	ID,FW,OL	Road and Wetland Crossing
Lorain	ATWS-593	82.7	82.8	Right	333	75	0.6	AG,FW	Road and Wetland Crossing
Lorain	ATWS-4072	82.7	82.8	Left	333	25	0.2	AG,ID	Road and Wetland Crossing
Lorain	ATWS-595	82.9	83.0	Right	260	75	0.4	AG	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-288	83.0	83.1	Right	660	75	1.1	AG	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-769	83.2	83.2	Right	240	50	0.3	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4073	83.2	83.2	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-1338	83.2	83.3	Right	396	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-770	83.3	83.3	Left	191	25	0.1	AG,FW	Bend Installation
Lorain	ATWS-3767	83.3	83.3	Right	201	75	0.3	AG,FW	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-4267	83.4	83.4	Right	112	75	0.2	AG,FW	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-3762	83.4	83.4	Left	130	25	0.1	FW	Bend Installation
Lorain	ATWS-289	83.4	83.5	Right	149	50	0.2	FW	Wetland Crossing
Lorain	ATWS-3764	83.5	83.6	Right	278	25	0.2	FW	Bend Installation and Wetland Crossing and Equipment Movement
Lorain	ATWS-596	83.6	83.6	Right	253	50	0.3	FW	Wetland Crossing
Lorain	ATWS-771	83.6	83.7	Left	300	25	0.2	FW,OL	Bend Installation
Lorain	ATWS-657	83.9	83.9	Right	150	75	0.3	ID,RE	Road Crossing
Lorain	ATWS-3408	83.9	83.9	Left	152	50	0.1	ID,RE	Road Crossing
Lorain	ATWS-2967	83.9	83.9	Left	177	50	0.2	AG,ID,OL	Road Crossing
Lorain	ATWS-658	83.9	83.9	Right	169	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-1339	83.9	84.2	Right	1,210	25	0.7	AG,FW	Topsoil Segregation
Lorain	ATWS-3766	84.1	84.2	Left	325	25	0.2	AG	Bend Installation
Lorain	ATWS-1492	84.2	84.3	Right	491	25	0.3	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-3768	84.4	84.4	Left	198	25	0.1	FW	Bend Installation and Waterbody and Wetland Crossing
Lorain	ATWS-699	84.4	84.5	Right	149	50	0.2	OL	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-3769	84.5	84.5	Left	76	25	0	AG	Bend Installation
Lorain	ATWS-2730	84.5	84.7	Right	979	25	0.6	AG,ID,FW,RE	Topsoil Segregation
Lorain	ATWS-202	84.6	84.7	Left	164	75	0.3	AG,ID	Road Crossing
Lorain	ATWS-203	84.7	84.7	Left	151	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-2144	84.7	84.7	Right	146	50	0.2	AG,ID,OL,RE	Road Crossing
Lorain	ATWS-1340	84.7	85.0	Right	1,349	25	0.8	AG	Topsoil Segregation
Lorain	ATWS-4075	85.0	85.0	Right	246	50	0.3	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1494	85.0	85.0	Left	204	50	0.2	AG	Waterbody and Wetland Crossing
Lorain	ATWS-3770	85.1	85.1	Left	131	25	0.1	OL	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Lorain	ATWS-204	85.2	85.4	Right	758	75	1.3	AG,FW	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1341	85.4	85.7	Right	1,684	25	1	AG	Topsoil Segregation
Lorain	ATWS-1495	85.7	85.8	Right	508	75	0.9	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1497	85.9	85.9	Right	231	25	0.1	AG	Bend Installation
Lorain	ATWS-597	85.9	85.9	Right	204	75	0.4	AG	Road Crossing
Lorain	ATWS-1496	85.9	85.9	Left	197	25	0.1	AG,ID,FW,OL	Road, Waterbody and Wetland Crossing
Lorain	ATWS-4076	85.9	85.9	Right	61	75	0.1	AG,ID,OL	Road Crossing
Lorain	ATWS-3409	85.9	86.0	Right	99	75	0.2	ID,OL	Road, Waterbody and Wetland Crossing
Lorain	ATWS-1498	86.0	86.0	Left	378	75	0.7	AG,OL	Bend Installation and Road, Waterbody and Wetland Crossing
Lorain	ATWS-1342	86.0	86.1	Right	655	25	0.4	AG	Topsoil Segregation
Lorain	ATWS-3771	86.1	86.3	Right	299	187	1.3	AG	HDD Pull Back String
Lorain	ATWS-4495	86.1	86.1	Left	75	25	0	AG	Existing Pipeline Crossing
Lorain	ATWS-910	86.2	86.4	Left	748	25	0.4	AG,FW	HDD Pull Back String
Lorain	ATWS-3772	86.2	86.3	Right	489	25	0.3	AG,FW	Topsoil Segregation
Lorain	ATWS-4379	86.3	86.4	Right	402	25	0.2	AG,FW,OW	Access To Hydrostatic Test Water
Lorain	ATWS-4489	86.4	86.4	Right	70	55	0.1	AG	Access To Hydrostatic Test Water
Lorain	ATWS-911	86.4	86.6	Left	617	100	1.4	AG	HDD Exit Location
Lorain	ATWS-772	86.9	87.0	Left	750	125	1.9	AG	HDD Entry Location
Lorain	ATWS-2025	86.9	86.9	Right	117	25	0.1	AG	HDD Entry Location and Topsoil Segregation
Lorain	ATWS-3773	87.0	87.1	Right	311	75	0.5	AG,FW	Rail, Road and Waterbody Crossing
Lorain	ATWS-205	87.1	87.1	Right	254	75	0.4	AG,ID	Rail, Road and Waterbody Crossing
Lorain	ATWS-1501	87.1	87.3	Right	638	25	0.4	AG	Topsoil Segregation
Lorain	ATWS-3774	87.3	87.3	Right	137	75	0.2	AG,OL	Waterbody Crossing
Lorain	ATWS-3410	87.3	87.3	Right	125	75	0.2	AG,OL	Waterbody Crossing
Lorain	ATWS-1343	87.3	87.5	Right	578	25	0.3	AG	Topsoil Segregation
Lorain	ATWS-2168	87.5	87.5	Right	372	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-4499	87.5	87.7	Right	494	75	0.8	AG	Wetland Crossing
Lorain	ATWS-773	87.7	87.8	Left	280	25	0.2	OL	Bend Installation
Lorain	ATWS-2733	87.8	87.8	Right	369	75	0.6	AG,FW,OL	Bend Installation and Topsoil Segregation
Lorain	ATWS-3775	87.8	87.9	Left	300	25	0.2	AG	Bend Installation
Lorain	ATWS-1502	87.8	88.0	Right	809	25	0.5	AG	Topsoil Segregation
Lorain	ATWS-3411	88.0	88.0	Right	120	75	0.2	AG	Waterbody Crossing
Lorain	ATWS-3413	88.0	88.0	Left	75	25	0	AG	Waterbody Crossing
Lorain	ATWS-3412	88.0	88.1	Right	100	75	0.2	AG,FW	Waterbody Crossing
Lorain	ATWS-4463	88.1	88.1	Right	171	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-1503	88.1	88.2	Right	236	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-3108	88.2	88.2	Left	98	50	0.1	AG	Road Crossing
Lorain	ATWS-206	88.2	88.2	Right	86	75	0.1	AG,RE	Road Crossing
Lorain	ATWS-3109	88.2	88.2	Left	124	50	0.1	AG	Road Crossing
Lorain	ATWS-207	88.2	88.2	Right	124	75	0.2	AG	Road Crossing
Lorain	ATWS-703	88.2	88.3	Right	469	50	0.5	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4268	88.2	88.3	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-1344	88.3	88.4	Right	696	25	0.4	AG,OL	Topsoil Segregation
Lorain	ATWS-3420	88.4	88.5	Right	122	50	0.1	OL	Existing Pipeline Crossing and Topsoil Segregation
Lorain	ATWS-3776	88.5	88.5	Left	82	50	0.1	OL	Wetland Crossing
Lorain	ATWS-1505	88.5	88.5	Right	186	75	0.3	OL	Wetland and Existing Pipeline Crossing and Topsoil Segregation
Lorain	ATWS-4403	88.5	88.6	Right	254	25	0.1	FW	Bend Installation
Lorain	ATWS-4449	88.5	88.6	Left	107	25	0.1	OL	Existing Pipeline Crossing
Lorain	ATWS-290	88.8	89.0	Right	962	75	1.7	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1295	89.0	89.1	Right	605	25	0.3	AG	Topsoil Segregation
Lorain	ATWS-3423	89.1	89.1	Right	100	50	0.1	AG	Existing Pipeline Crossing and Topsoil Segregation
Lorain	ATWS-3422	89.1	89.1	Right	100	50	0.1	AG,OL	Existing Pipeline Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lorain	ATWS-3425	89.1	89.2	Right	342	25	0.2	AG,OL,RE	Topsoil Segregation
Lorain	ATWS-3431	89.2	89.2	Right	153	50	0.2	AG,RE	Road and Waterbody Crossing
Lorain	ATWS-701	89.3	89.3	Right	235	75	0.4	AG	Road and Waterbody Crossing
Lorain	ATWS-700	89.3	89.3	Right	92	75	0.2	AG	Waterbody Crossing
Lorain	ATWS-3778	89.3	89.5	Right	1,029	25	0.6	AG	Topsoil Segregation
Lorain	ATWS-3777	89.5	89.6	Right	150	50	0.2	AG	Existing Pipeline Crossing and Topsoil Segregation
Lorain	ATWS-2170	89.6	89.8	Right	1,072	25	0.6	AG,OL	Topsoil Segregation
Lorain	ATWS-3780	89.8	89.8	Left	297	25	0.2	AG	Bend Installation
Lorain	ATWS-1296	89.8	89.9	Right	959	25	0.6	AG,OL	Topsoil Segregation
Lorain	ATWS-3426	89.9	90.0	Right	238	75	0.4	AG,FW	Waterbody Crossing
Lorain	ATWS-3779	89.9	90.0	Left	238	25	0.1	AG	Bend Installation
Lorain	ATWS-4500	90.0	90.0	Left	204	50	0.2	AG,FW	Waterbody Crossing
Lorain	ATWS-209	90.1	90.1	Left	100	50	0.1	AG,FW	Waterbody Crossing
Lorain	ATWS-2727	90.1	90.1	Right	150	75	0.3	AG	Waterbody Crossing
Lorain	ATWS-3417	90.1	90.2	Right	861	25	0.5	AG	Topsoil Segregation
Lorain	ATWS-3430	90.2	90.2	Left	411	25	0.2	AG	Bend Installation
Lorain	ATWS-2726	90.2	90.3	Right	219	75	0.4	AG,ID	Road Crossing
Lorain	ATWS-702	90.2	90.3	Left	205	50	0.2	AG,ID	Road Crossing
Lorain	ATWS-210	90.3	90.3	Left	200	50	0.2	AG,ID	Road Crossing
Lorain	ATWS-1294	90.5	90.6	Left	632	25	0.4	AG	Bend Installation
Lorain	ATWS-4534	90.6	90.7	Left	380	25	0.2	AG	Bend Installation
Lorain	ATWS-2734	90.8	91.0	Left	672	25	0.4	AG,OL	Bend Installation
Lorain	ATWS-3416	90.4	91.2	Right	4,059	25	2.3	AG,OL,RE	Topsoil Segregation
Lorain	ATWS-3418	91.2	91.2	Left	203	50	0.2	AG	Bend Installation and Waterbody Crossing
Lorain	ATWS-3428	91.2	91.2	Left	166	25	0.1	AG	Bend Installation
Lorain	ATWS-774	91.2	91.3	Right	75	50	0.1	AG	Waterbody Crossing
Lorain	ATWS-1297	91.3	91.3	Left	75	50	0.1	AG	Waterbody Crossing
Lorain	ATWS-211	91.3	91.4	Right	340	75	0.6	AG,ID	Road Crossing
Lorain	ATWS-2735	91.3	91.4	Left	363	50	0.4	AG,ID,FW	Road Crossing
Lorain	ATWS-659	91.3	91.4	Right	448	75	0.8	AG,ID	Road and Waterbody Crossing
Lorain	ATWS-292	91.4	91.4	Right	163	75	0.3	FW,OL	Bend Installation and Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-2059	91.4	91.4	Left	140	75	0.2	AG	Bend Installation and Existing Pipeline Crossing
Lorain	ATWS-3781	91.4	91.4	Left	193	50	0.2	AG,ID	Road Crossing
Lorain	ATWS-3782	91.4	91.5	Left	225	100	0.5	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-2736	91.5	91.7	Left	1,292	25	0.7	AG	Topsoil Segregation
Lorain	ATWS-777	91.7	91.8	Left	294	100	0.7	AG,FW	Waterbody Crossing and Topsoil Segregation
Lorain	ATWS-1298	91.8	92.1	Right	1,774	25	1	AG	Waterbody Crossing and Topsoil Segregation
Lorain	ATWS-776	91.8	91.9	Left	321	100	0.7	AG	Bend Installation and Waterbody Crossing
Lorain	ATWS-4354	91.8	92.2	Left	1,521	130	3.3	AG,FW,OL	HDD Pull Back String
Lorain	ATWS-4417	92.0	92.1	Left	532	120	0.8	AG	HDD Pull Back String
Lorain	ATWS-778	92.1	92.2	Right	409	125	1.2	AG	HDD Exit Location
Lorain	ATWS-4473	92.4	92.4	Right	146	185	0.5	AG,ID,FW,OL	Access To Hydrostatic Test Water
Lorain	ATWS-779	92.5	92.6	Left	511	100	1.2	AG,OL	HDD Entry Location and Wetland Crossing
Lorain	ATWS-4385	92.5	92.5	Right	230	75	0.4	AG,OL	HDD Entry Location and Wetland Crossing
Lorain	ATWS-780	92.6	92.7	Right	320	75	0.5	AG,OL	Waterbody, Wetland and Existing Pipeline Crossing and Topsoil Segregation
Lorain	ATWS-1512	92.7	92.7	Left	249	25	0.1	AG	Existing Pipeline Crossing
Lorain	ATWS-4448	92.7	92.8	Left	210	25	0.1	AG,OL	Bend Installation
Lorain	ATWS-1299	92.8	93.0	Right	1,359	25	0.8	AG,OL	Topsoil Segregation
Lorain	ATWS-782	93.0	93.0	Left	162	25	0.1	AG	Bend Installation
Lorain	ATWS-2173	93.0	93.3	Right	1,534	25	0.9	AG	Topsoil Segregation
Lorain	ATWS-783	93.3	93.4	Right	209	50	0.2	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4269	93.3	93.4	Left	204	25	0.1	AG	Bend Installation
Lorain	ATWS-1513	93.4	93.4	Right	187	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-2968	93.4	93.4	Left	169	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-4077	93.4	93.4	Left	230	50	0.3	ID,FW,OL	Road and Waterbody Crossing
Lorain	ATWS-213	93.4	93.4	Right	197	75	0.3	ID,OL	Road and Waterbody Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Lorain	ATWS-214	93.4	93.5	Right	435	75	0.7	ID,OL	Bend Installation and Road Crossing
Lorain	ATWS-660	93.5	93.5	Left	291	25	0.2	ID,OL	Bend Installation and Road Crossing
Lorain	ATWS-1514	93.5	93.6	Right	319	25	0.2	OL	Topsoil Segregation
Lorain	ATWS-215	93.6	93.6	Left	301	25	0.2	AG,FW,OL,RE	Bend Installation
Lorain	ATWS-1970	93.6	93.6	Left	88	50	0.1	AG	Existing Pipeline Crossing
Lorain	ATWS-784	93.6	93.7	Left	515	50	0.6	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4078	93.7	93.7	Right	260	25	0.1	AG,FW	Bend Installation
Lorain	ATWS-1300	93.7	94.1	Left	1,865	25	1.1	AG	Topsoil Segregation
Lorain	ATWS-785	94.1	94.2	Left	562	75	1	AG,FW	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-1893	94.3	94.3	Left	77	25	0	FW	Existing Pipeline Crossing
Lorain	ATWS-786	94.4	94.4	Left	205	25	0.1	FW	Bend Installation
Lorain	ATWS-1301	94.4	94.5	Right	631	25	0.4	AG	Topsoil Segregation
Lorain	ATWS-216	94.6	94.6	Right	151	75	0.3	AG,ID,RE	Road Crossing
Lorain	ATWS-1304	94.7	95.1	Right	1,913	25	1.1	AG	Topsoil Segregation
Lorain	ATWS-1515	95.1	95.2	Right	474	25	0.3	AG	Topsoil Segregation
Lorain	ATWS-3110	95.2	95.2	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-3111	95.2	95.3	Right	388	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-4270	95.3	95.4	Right	250	75	0.4	AG,FW	Road Crossing
Lorain	ATWS-3783	95.4	95.5	Right	295	75	0.5	AG	Road and Wetland Crossing
Lorain	ATWS-3784	95.5	95.5	Right	232	25	0.1	AG,FW	Topsoil Segregation
Lorain	ATWS-2178	95.5	95.5	Left	66	50	0.1	AG,FW	Wetland Crossing
Lorain	ATWS-1302	95.5	95.5	Right	192	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-802	95.5	95.6	Left	190	25	0.1	AG	Bend Installation
Lorain	ATWS-2176	95.6	95.6	Right	327	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-787	95.8	96.0	Right	1,492	75	2	AG,OL	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-4404	96.0	96.1	Right	345	125	1	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Lorain	ATWS-4406	96.3	96.3	Right	120	50	0.2	FW	Abandoned Rail, Waterbody and Wetland Crossing
Lorain	ATWS-4405	96.3	96.3	Left	150	50	0.2	FW,OL	Abandoned Rail, Waterbody and Wetland Crossing
Lorain	ATWS-4407	96.3	96.4	Right	190	50	0.2	AG,FW	Abandoned Rail and Existing Pipeline Crossing
Lorain	ATWS-3785	96.3	96.4	Left	155	50	0.2	AG,FW	Abandoned Rail and Existing Pipeline Crossing
Lorain	ATWS-2704	96.4	96.5	Right	411	50	0.5	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-3786	96.4	96.4	Left	100	50	0.1	AG	Existing Pipeline Crossing
Lorain	ATWS-2738	96.4	96.5	Left	283	50	0.3	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-2875	96.5	96.7	Left	1,249	25	0.7	AG,OL	Topsoil Segregation
Lorain	ATWS-2870	96.7	96.7	Left	194	75	0.3	AG,ID	Road and Wetland Crossing
Lorain	ATWS-2871	96.7	96.8	Left	236	75	0.4	AG,ID,OL	Road and Wetland Crossing
Lorain	ATWS-3787	96.8	97.1	Left	1,410	25	0.8	AG	Topsoil Segregation
Lorain	ATWS-2701	97.1	97.1	Left	332	50	0.4	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-2872	97.1	97.3	Right	963	25	0.6	AG	Topsoil Segregation
Lorain	ATWS-3433	97.3	97.3	Left	219	50	0.3	AG	Waterbody and Wetland Crossing
Lorain	ATWS-2739	97.3	97.3	Right	138	75	0.2	AG,FW	Waterbody and Wetland Crossing
Lorain	ATWS-2746	97.3	97.4	Right	210	75	0.4	AG	Waterbody and Wetland Crossing
Lorain	ATWS-3112	97.3	97.4	Left	100	50	0.1	AG	Waterbody and Wetland Crossing
Lorain	ATWS-2703	97.4	97.5	Right	638	25	0.4	AG	Topsoil Segregation
Lorain	ATWS-2699	97.5	97.5	Right	279	50	0.3	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4079	97.5	97.5	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-2700	97.5	97.6	Right	452	25	0.3	AG	Topsoil Segregation
Lorain	ATWS-2460	97.6	97.7	Left	181	50	0.2	AG,ID,OL	Road Crossing
Lorain	ATWS-2449	97.6	97.7	Right	176	75	0.3	AG,ID,OL	Road Crossing
Lorain	ATWS-2448	97.7	97.7	Right	161	75	0.3	AG,ID	Road Crossing
Lorain	ATWS-2459	97.7	97.7	Left	157	50	0.2	AG,ID	Road Crossing
Lorain	ATWS-2450	97.7	97.9	Right	1,233	25	0.7	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lorain	ATWS-2698	97.9	98.0	Right	410	125	1.2	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4080	98.0	98.0	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-2697	98.0	98.1	Right	212	50	0.2	AG	Road and Existing Pipeline Crossing
Lorain	ATWS-3788	98.1	98.1	Left	212	75	0.4	AG	Road Crossing
Lorain	ATWS-2695	98.1	98.2	Right	287	125	0.8	AG	Road Crossing
Lorain	ATWS-3789	98.1	98.2	Left	260	50	0.3	AG	Road Crossing
Lorain	ATWS-2693	98.2	98.3	Right	527	25	0.3	AG	Road Crossing
Lorain	ATWS-2696	98.3	98.3	Left	100	50	0.1	AG	Existing Pipeline and Waterbody Crossing
Lorain	ATWS-2747	98.3	98.3	Right	96	75	0.2	AG	Existing Pipeline and Waterbody Crossing
Lorain	ATWS-3434	98.3	98.4	Right	148	75	0.3	AG	Waterbody Crossing
Lorain	ATWS-2694	98.4	98.4	Left	140	50	0.2	AG	Waterbody and Wetland Crossing
Lorain	ATWS-3113	98.4	98.4	Right	161	75	0.3	AG	Waterbody and Wetland Crossing
Lorain	ATWS-2707	98.4	98.5	Right	140	50	0.2	AG	Road Crossing
Lorain	ATWS-2711	98.5	98.6	Right	313	75	0.5	AG, OL	Road Crossing
Lorain	ATWS-3790	98.6	98.8	Right	1,385	25	0.8	AG, OL	Topsoil Segregation
Lorain	ATWS-2706	98.8	98.9	Right	170	75	0.3	OL	Waterbody Crossing
Lorain	ATWS-2969	98.9	99.0	Right	115	75	0.2	AG	Waterbody Crossing
Lorain	ATWS-4082	99.0	99.0	Right	254	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-4083	99.0	99.1	Left	566	25	0.3	AG	Bend Installation
Lorain	ATWS-2458	99.0	99.2	Right	1,141	25	0.7	AG	Topsoil Segregation
Lorain	ATWS-2444	99.1	99.2	Left	266	25	0.2	AG, RE	Bend Installation
Lorain	ATWS-2461	99.1	99.2	Left	166	50	0.2	AG, ID, OL	Road Crossing
Lorain	ATWS-2457	99.1	99.2	Right	210	75	0.4	AG, ID, OL	Road Crossing
Lorain	ATWS-2462	99.2	99.2	Left	209	50	0.2	AG	Bend Installation and Road and Existing Pipeline Crossing
Lorain	ATWS-2456	99.2	99.2	Right	95	75	0.2	AG, ID, OL, RE	Road and Existing Pipeline Crossing
Lorain	ATWS-2455	99.2	99.3	Left	147	25	0.1	AG	Bend Installation
Lorain	ATWS-3791	99.2	99.3	Right	134	75	0.2	AG, FW, OL	Waterbody Crossing
Lorain	ATWS-3792	99.3	99.3	Left	106	100	0.2	OL	Waterbody Crossing
Lorain	ATWS-2443	99.3	99.3	Right	170	75	0.3	AG	Waterbody Crossing
Lorain	ATWS-3793	99.3	99.4	Left	254	50	0.3	AG, FW	Waterbody Crossing
Lorain	ATWS-3435	99.3	99.4	Right	290	25	0.2	AG	Topsoil Segregation
Lorain	ATWS-2438	99.4	99.5	Left	320	25	0.2	AG	Bend Installation
Lorain	ATWS-2442	99.4	99.6	Right	962	25	0.6	AG	Topsoil Segregation
Lorain	ATWS-2454	99.6	99.9	Right	1,410	25	0.8	AG	Topsoil Segregation
Lorain	ATWS-3114	99.9	99.9	Right	392	50	0.4	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-4084	99.9	99.9	Left	200	25	0.1	AG	Bend Installation
Lorain	ATWS-2919	99.9	100.0	Left	116	75	0.2	AG	Road Crossing
Lorain	ATWS-2453	99.9	100.0	Right	162	75	0.3	AG, ID, OL	Road Crossing
Lorain	ATWS-2437	100.0	100.0	Right	158	75	0.3	AG, ID, OL	Road Crossing
Lorain	ATWS-2463	100.0	100.0	Left	152	75	0.3	AG, ID, OL	Road Crossing
Lorain	ATWS-3437	100.0	100.0	Right	212	25	0.1	AG	Topsoil Segregation
Lorain	ATWS-3436	100.0	100.1	Right	306	50	0.4	AG	Bend Installation and Topsoil Segregation
Lorain	ATWS-2435	100.1	100.3	Right	809	25	0.5	AG	Topsoil Segregation
Lorain	ATWS-2433	100.3	100.3	Left	238	25	0.1	AG, FW	Bend Installation
Lorain	ATWS-2434	100.3	100.4	Right	593	25	0.3	AG	Topsoil Segregation
Lorain	ATWS-4086	100.4	100.4	Right	277	75	0.5	AG	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-2432	100.6	100.6	Right	133	75	0.2	ID, FW	Road Crossing
Lorain	ATWS-2970	100.6	100.6	Left	126	50	0.1	ID, FW	Road Crossing
Lorain	ATWS-2445	100.6	100.6	Left	169	75	0.3	ID, OL, RE	Road Crossing
Lorain	ATWS-3795	100.6	100.6	Right	98	50	0.1	ID, OL, RE	Road Crossing
Lorain	ATWS-2430	100.6	100.8	Right	680	25	0.4	AG, OL	Topsoil Segregation
Lorain	ATWS-4089	101.0	101.3	Left	1,528	25	0.9	AG, OL	Wetland Crossing and Topsoil Segregation
Lorain	ATWS-4088	101.1	101.2	Right	1,241	50	1.4	AG, OL	Topsoil Segregation
Lorain	ATWS-2465	101.3	101.3	Left	153	75	0.3	AG	Road and Waterbody Crossing
Lorain	ATWS-2428	101.3	101.3	Right	155	50	0.2	AG	Road and Waterbody Crossing
Huron	ATWS-2464	101.3	101.3	Left	164	50	0.2	AG, ID	Road and Waterbody Crossing
Huron	ATWS-2451	101.3	101.3	Right	158	75	0.3	AG, ID	Road and Waterbody Crossing
Huron	ATWS-2452	101.3	101.6	Right	1,311	25	0.8	AG	Topsoil Segregation
Huron	ATWS-2705	101.6	101.6	Right	307	50	0.4	AG, FW	Bend Installation and Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Huron	ATWS-4090	101.6	101.6	Left	200	25	0.1	AG	Bend Installation
Huron	ATWS-2427	101.7	101.8	Right	864	25	0.5	AG	Topsoil Segregation
Huron	ATWS-2447	101.8	101.9	Right	287	75	0.5	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Huron	ATWS-2425	101.9	102.0	Left	407	25	0.2	AG	Bend Installation
Huron	ATWS-2784	101.9	102.2	Right	1,370	25	0.8	AG,OL	Topsoil Segregation
Huron	ATWS-4091	102.2	102.2	Right	300	75	0.5	AG	Wetland Crossing and Topsoil Segregation
Huron	ATWS-4092	102.2	102.3	Right	293	25	0.2	AG,FW	Topsoil Segregation
Huron	ATWS-2785	102.3	102.3	Left	225	75	0.4	AG	Road, Waterbody and Wetland Crossing
Huron	ATWS-2781	102.3	102.4	Right	120	75	0.2	ID,FW,OL	Road, Waterbody and Wetland Crossing
Huron	ATWS-2820	102.4	102.4	Left	221	75	0.4	AG,ID,FW,O L	Road, Waterbody and Wetland Crossing
Huron	ATWS-2780	102.4	102.4	Right	267	75	0.5	AG,ID,OL	Road Crossing
Huron	ATWS-2782	102.4	102.5	Right	554	25	0.3	AG	Topsoil Segregation
Huron	ATWS-3115	102.5	102.6	Right	304	50	0.3	AG	Bend Installation and Topsoil Segregation
Huron	ATWS-2783	102.6	102.9	Right	1,909	25	1.1	AG	Topsoil Segregation
Huron	ATWS-3444	102.9	103.0	Left	168	50	0.2	AG	Waterbody Crossing
Huron	ATWS-2802	102.9	103.0	Right	131	75	0.2	AG	Waterbody Crossing
Huron	ATWS-2801	103.0	103.0	Right	121	75	0.2	AG	Waterbody Crossing
Huron	ATWS-3445	103.0	103.0	Left	100	50	0.1	AG,OL	Waterbody Crossing
Huron	ATWS-2800	103.0	103.1	Right	628	25	0.4	AG	Topsoil Segregation
Huron	ATWS-3446	103.0	103.0	Left	196	25	0.1	AG	Bend Installation
Huron	ATWS-2815	103.2	103.3	Right	602	25	0.3	AG	Topsoil Segregation
Huron	ATWS-2816	103.3	103.4	Right	641	25	0.4	AG	Topsoil Segregation
Huron	ATWS-2797	103.4	103.7	Right	1,462	25	0.8	AG	Topsoil Segregation
Huron	ATWS-2798	103.7	103.7	Right	324	50	0.4	AG	Bend Installation and Topsoil Segregation
Huron	ATWS-4093	103.7	103.7	Left	200	25	0.1	AG	Bend Installation
Huron	ATWS-2799	103.7	103.9	Right	668	25	0.4	AG	Topsoil Segregation
Huron	ATWS-2821	103.9	103.9	Left	207	50	0.2	AG,ID,OL	Road Crossing
Huron	ATWS-2805	103.9	103.9	Right	161	75	0.3	AG,ID,OL	Road Crossing
Huron	ATWS-2809	103.9	103.9	Right	212	75	0.4	AG,ID	Road Crossing
Huron	ATWS-2822	103.9	103.9	Left	164	50	0.2	AG,ID	Road Crossing
Huron	ATWS-2810	103.9	104.0	Right	335	25	0.2	AG	Topsoil Segregation
Huron	ATWS-2803	104.0	104.1	Right	506	75	0.9	AG	HDD Entry Location
Huron	ATWS-2804	104.0	104.1	Left	506	75	0.9	AG	HDD Entry Location
Huron/Erie	ATWS-2811	104.6	104.7	Right	543	75	0.9	AG,ID,OL	HDD Exit Location
Huron	ATWS-2812	104.7	104.7	Left	397	75	0.7	AG,OL	HDD Exit Location
Huron/Erie	ATWS-3796	104.7	105.2	Left	2,641	25	1.4	AG,FW	HDD Pull Back String
Erie	ATWS-2795	104.8	104.9	Right	762	25	0.4	AG,FW	Topsoil Segregation
Erie	ATWS-2796	104.9	105.2	Right	1,252	25	0.7	AG	Topsoil Segregation
Erie	ATWS-2794	105.2	105.2	Right	316	50	0.4	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2814	105.2	105.2	Left	296	100	0.7	AG	Bend Installation and HDD Pull Back String
Erie	ATWS-4355	105.2	105.3	Left	502	100	1.2	AG,OL	HDD Pull Back String
Erie	ATWS-2793	105.2	105.8	Right	3,319	25	1.9	AG,OL	Topsoil Segregation
Erie	ATWS-3116	105.5	105.6	Left	300	25	0.2	AG	Bend Installation
Erie	ATWS-2792	105.7	105.8	Left	442	25	0.3	AG,OL	Bend Installation
Erie	ATWS-2819	105.8	105.9	Left	251	50	0.3	ID,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-2791	105.8	105.9	Right	254	75	0.4	ID,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-2818	105.9	106.0	Left	227	50	0.3	AG	Road, Waterbody and Wetland Crossing
Erie	ATWS-2790	105.9	106.0	Right	209	75	0.4	AG,FW,RE	Road, Waterbody and Wetland Crossing
Erie	ATWS-3447	106.0	106.0	Right	278	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2789	106.0	106.1	Right	172	75	0.3	AG,ID	Bend Installation and Road Crossing
Erie	ATWS-2824	106.0	106.1	Left	141	50	0.2	AG,ID	Road Crossing
Erie	ATWS-2788	106.1	106.1	Right	188	75	0.3	AG	Road Crossing
Erie	ATWS-2823	106.1	106.1	Left	175	50	0.2	AG,ID	Road Crossing
Erie	ATWS-2786	106.1	106.2	Right	332	25	0.2	AG	Topsoil Segregation
Erie	ATWS-3797	106.1	106.3	Right	1,156	50	1.3	AG	Wetland Crossing Drag Section
Erie	ATWS-2787	106.2	106.3	Right	392	25	0.2	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Erie	ATWS-1534	106.2	106.3	Left	406	50	0.5	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2859	106.3	106.4	Left	247	75	0.4	AG	Wetland Crossing and Topsoil Segregation
Erie	ATWS-1535	106.9	107.1	Left	1,153	75	2	AG	Wetland Crossing and Topsoil Segregation
Erie	ATWS-3118	107.1	107.1	Left	202	50	0.2	AG	Bend Installation and Existing Pipeline Crossing
Erie	ATWS-795	107.1	107.2	Right	445	50	0.5	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1536	107.2	107.5	Right	1,969	25	1.1	AG	Topsoil Segregation
Erie	ATWS-3119	107.4	107.4	Left	283	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-3798	107.5	107.6	Left	298	25	0.2	AG,OL	Bend Installation and Road Crossing
Erie	ATWS-711	107.5	107.6	Right	178	75	0.3	AG,ID,OL	Road Crossing
Erie	ATWS-3448	107.6	107.6	Left	180	50	0.2	AG,ID,OL	Road Crossing
Erie	ATWS-712	107.6	107.6	Right	157	75	0.3	AG,ID,OL	Road Crossing
Erie	ATWS-3121	107.6	107.8	Right	798	25	0.5	AG,OL	Topsoil Segregation
Erie	ATWS-3120	107.8	107.9	Right	480	50	0.6	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4094	107.8	107.8	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-1537	107.9	108.4	Right	2,665	25	1.5	AG	Topsoil Segregation
Erie	ATWS-713	108.0	108.0	Left	253	25	0.1	AG	Bend Installation
Erie	ATWS-4271	108.3	108.3	Left	100	25	0.1	AG	Existing Pipeline Crossing
Erie	ATWS-714	108.4	108.5	Right	462	50	0.5	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4095	108.4	108.5	Left	477	25	0.3	AG	Bend Installation
Erie	ATWS-1538	108.5	108.6	Right	770	25	0.4	AG	Topsoil Segregation
Erie	ATWS-2973	108.6	108.6	Left	115	75	0.2	AG,ID	Road Crossing
Erie	ATWS-716	108.6	108.6	Right	139	50	0.2	AG,ID	Road Crossing
Erie	ATWS-2972	108.6	108.7	Left	166	75	0.3	AG,ID	Road Crossing
Erie	ATWS-715	108.6	108.7	Right	139	50	0.2	AG,ID,OL	Road Crossing
Erie	ATWS-1317	108.7	109.1	Right	2,417	25	1.4	AG	Topsoil Segregation
Erie	ATWS-797	108.7	108.8	Left	313	25	0.2	AG	Bend Installation
Erie	ATWS-3800	108.8	108.9	Left	300	25	0.2	AG	Bend Installation
Erie	ATWS-798	109.1	109.2	Right	314	50	0.4	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4096	109.1	109.2	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-1539	109.2	109.4	Right	1,048	25	0.6	AG	Topsoil Segregation
Erie	ATWS-1540	109.4	109.5	Right	262	75	0.5	AG	Wetland Crossing and Topsoil Segregation
Erie	ATWS-1320	109.5	109.7	Right	1,272	25	0.7	AG,OL	Topsoil Segregation
Erie	ATWS-3200	109.7	109.8	Right	186	75	0.3	AG,FW	Wetland Crossing and Topsoil Segregation
Erie	ATWS-2082	109.8	110.0	Right	1,281	25	0.7	AG	Topsoil Segregation
Erie	ATWS-3197	110.0	110.1	Right	448	75	0.8	AG	HDD Exit Location
Erie	ATWS-4356	110.0	110.1	Left	448	50	0.5	AG	HDD Exit Location
Erie	ATWS-3196	110.3	110.4	Right	543	250	2.3	AG	HDD Entry Location
Erie	ATWS-3195	110.3	110.4	Left	308	50	0.4	AG	HDD Entry Location and Bend Installation
Erie	ATWS-2827	110.4	110.6	Right	1,059	25	0.6	AG	Topsoil Segregation
Erie	ATWS-3122	110.5	110.6	Left	625	25	0.4	AG	Bend Installation
Erie	ATWS-1542	110.6	111.0	Right	1,970	25	1.1	AG,OL	Topsoil Segregation
Erie	ATWS-3123	110.7	110.9	Left	714	25	0.4	AG	Bend Installation and Wetland Crossing
Erie	ATWS-4097	110.9	111.0	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-1543	111.0	111.1	Right	533	25	0.3	AG,OL	Topsoil Segregation
Erie	ATWS-2779	111.1	111.1	Right	187	75	0.3	AG,ID	Road Crossing
Erie	ATWS-317	111.1	111.1	Left	238	75	0.4	AG,ID	Road Crossing
Erie	ATWS-318	111.2	111.2	Right	254	75	0.4	AG	Road Crossing
Erie	ATWS-1319	111.2	111.3	Right	614	25	0.4	AG	Topsoil Segregation
Erie	ATWS-2826	111.2	111.2	Left	191	25	0.1	AG,RE	Bend Installation
Erie	ATWS-804	111.3	111.4	Left	213	25	0.1	AG	Bend Installation
Erie	ATWS-547	111.3	111.4	Right	263	75	0.5	AG	Wetland Crossing and Topsoil Segregation
Erie	ATWS-4098	111.4	111.4	Left	200	25	0.1	AG,OL	Bend Installation
Erie	ATWS-805	111.4	111.5	Right	209	50	0.2	AG,OL	Bend Installation and Topsoil Segregation
Erie	ATWS-1318	111.5	111.5	Right	438	25	0.3	AG	Topsoil Segregation
Erie	ATWS-2083	111.5	111.6	Right	410	25	0.2	AG	Topsoil Segregation
Erie	ATWS-4099	111.6	111.7	Right	300	75	0.5	AG,FW	Wetland Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Erie	ATWS-1544	112.0	112.0	Right	155	25	0.1	OL	Bend Installation
Erie	ATWS-4460	112.0	112.0	Left	95	25	0.1	OL	Bend Installation
Erie	ATWS-319	112.0	112.1	Right	201	75	0.3	OL	Road Crossing
Erie	ATWS-1888	112.0	112.1	Left	168	50	0.2	OL	Road Crossing
Erie	ATWS-4461	112.1	112.1	Left	149	50	0.2	ID,OL,RE	Road Crossing
Erie	ATWS-3124	112.1	112.2	Left	142	50	0.2	OL,RE	Bend Installation and Road Crossing
Erie	ATWS-321	112.1	112.2	Right	265	75	0.5	OL	Bend Installation and Road Crossing
Erie	ATWS-1321	112.2	112.8	Right	3,441	25	2	AG,FW,OL	Topsoil Segregation
Erie	ATWS-4100	112.4	112.4	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-720	112.6	112.6	Left	308	25	0.2	AG	Bend Installation
Erie	ATWS-3802	112.8	112.9	Right	470	50	0.5	AG,FW,OL	Wetland Crossing and Topsoil Segregation
Erie	ATWS-807	113.0	113.1	Left	298	50	0.3	OL,RE	Bend Installation and Road, Waterbody and Wetland Crossing
Erie	ATWS-296	113.0	113.1	Right	205	75	0.4	OL	Bend Installation and Road, Waterbody and Wetland Crossing
Erie	ATWS-3452	113.1	113.1	Right	240	50	0.3	ID,OL,RE	Bend Installation and Road Crossing
Erie	ATWS-295	113.1	113.1	Left	275	75	0.5	ID,OL,RE	Bend Installation and Road and Waterbody Crossing
Erie	ATWS-3804	113.1	113.1	Right	160	25	0.1	OL,RE	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-3803	113.2	113.2	Left	130	75	0.2	FW	Waterbody and Wetland Crossing
Erie	ATWS-809	113.3	113.5	Left	805	75	1.4	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Erie	ATWS-721	113.4	113.5	Right	235	25	0.1	AG	Bend Installation
Erie	ATWS-3805	113.5	113.5	Right	160	50	0.2	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-3806	113.5	113.5	Left	146	25	0.1	AG	Bend Installation
Erie	ATWS-1322	113.5	113.8	Right	1,223	25	0.7	AG	Topsoil Segregation
Erie	ATWS-623	113.6	113.7	Left	354	25	0.2	AG	Bend Installation
Erie	ATWS-241	113.8	113.8	Right	176	75	0.3	AG	Road Crossing
Erie	ATWS-2975	113.8	113.8	Left	181	50	0.2	AG	Road Crossing
Erie	ATWS-3807	113.8	113.8	Left	160	50	0.2	ID,FW	Road, Waterbody and Wetland Crossing
Erie	ATWS-242	113.8	113.8	Right	159	50	0.2	ID,FW	Road, Waterbody and Wetland Crossing
Erie	ATWS-4101	113.9	114.0	Right	489	50	0.6	AG,FW	Waterbody and Wetland Crossing
Erie	ATWS-808	114.0	114.0	Left	215	25	0.1	AG	Bend Installation
Erie	ATWS-1547	114.0	114.1	Right	491	75	0.8	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1323	114.1	114.2	Right	426	25	0.2	AG	Topsoil Segregation
Erie	ATWS-1548	114.2	114.2	Right	241	75	0.4	AG,FW	Bend Installation and Waterbody and Wetland Crossing and Topsoil Segregation
Erie	ATWS-4102	114.2	114.2	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-1549	114.3	114.4	Right	598	25	0.3	AG,FW	Topsoil Segregation
Erie	ATWS-1550	114.5	114.6	Right	286	25	0.2	AG	Topsoil Segregation
Erie	ATWS-2971	114.6	114.6	Left	202	50	0.2	AG,ID	Road Crossing
Erie	ATWS-297	114.6	114.6	Right	228	75	0.4	AG,ID	Road Crossing
Erie	ATWS-722	114.6	114.7	Left	275	25	0.2	AG,ID,RE	Bend Installation
Erie	ATWS-4103	114.6	114.6	Right	46	75	0.1	AG,ID	Road Crossing
Erie	ATWS-521	114.6	114.7	Right	209	75	0.4	AG	Bend Installation and Road Crossing
Erie	ATWS-1324	114.7	115.0	Right	1,657	25	1	AG	Topsoil Segregation
Erie	ATWS-243	115.0	115.0	Right	161	75	0.3	AG	Road Crossing
Erie	ATWS-2974	115.0	115.0	Left	189	50	0.2	AG,ID	Road Crossing
Erie	ATWS-244	115.0	115.0	Right	154	75	0.3	AG,ID	Road Crossing
Erie	ATWS-2976	115.0	115.0	Left	151	50	0.2	AG,ID,RE	Road Crossing
Erie	ATWS-1551	115.0	115.2	Right	831	25	0.5	AG	Topsoil Segregation
Erie	ATWS-3453	115.1	115.1	Left	303	25	0.2	AG	Bend Installation
Erie	ATWS-3808	115.2	115.3	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Erie	ATWS-1552	115.3	115.3	Right	498	75	0.9	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Erie	ATWS-1553	115.5	115.7	Right	1,148	75	2	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Erie	ATWS-245	115.8	115.8	Right	290	75	0.4	AG,FW,OL	Rail and Waterbody Crossing
Erie	ATWS-4441	115.8	115.9	Left	256	45	0.2	AG	Rail Crossing
Erie	ATWS-4442	115.9	115.9	Right	145	25	0.1	RE	Topsoil Segregation
Erie	ATWS-4443	115.9	115.9	Right	337	75	0.6	AG,RE	Rail Crossing
Erie	ATWS-246	115.9	116.0	Right	108	75	0.2	FW,RE	Rail and Waterbody Crossing
Erie	ATWS-247	116.2	116.3	Right	186	75	0.3	AG,OL	Road Crossing
Erie	ATWS-248	116.3	116.4	Right	310	75	0.6	OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-4393	116.3	116.3	Right	194	50	0.2	AG,OL	Remote Blow-off
Erie	ATWS-4533	116.3	116.3	Right	165	75	0.3	AG,ID,OL	Road Crossing
Erie	ATWS-3809	116.5	116.5	Right	153	25	0.1	FW	Rail Trail, Waterbody and Wetland Crossing
Erie	ATWS-3810	116.5	116.5	Left	196	50	0.2	FW,OL	Rail Trail, Waterbody and Wetland Crossing
Erie	ATWS-1968	116.5	116.6	Right	407	75	0.7	FW	Rail Trail, Waterbody and Wetland Crossing
Erie	ATWS-810	116.7	116.8	Right	409	100	0.9	AG	HDD Entry Location
Erie	ATWS-2828	117.2	117.3	Left	390	25	0.2	AG	HDD Exit Location
Erie	ATWS-811	117.2	117.3	Right	390	100	0.9	AG	HDD Exit Location
Erie	ATWS-4104	117.3	117.4	Right	503	25	0.3	AG	Topsoil Segregation
Erie	ATWS-3812	117.3	117.4	Left	432	50	0.5	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1554	117.4	117.8	Right	2,103	100	4.8	AG,FW,OL,O W	HDD Pull Back String
Erie	ATWS-4106	117.4	117.5	Left	130	25	0.1	AG	Topsoil Segregation
Erie	ATWS-3813	117.4	117.5	Right	267	25	0.2	AG	Bend Installation
Erie	ATWS-4105	117.5	117.5	Left	200	50	0.2	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2767	117.5	117.6	Left	491	25	0.3	AG	Topsoil Segregation
Erie	ATWS-2765	117.6	117.6	Left	202	75	0.3	AG,OL	Waterbody Crossing
Erie	ATWS-2766	117.6	117.7	Left	202	75	0.3	AG	Waterbody Crossing
Erie	ATWS-2768	117.7	117.9	Left	1,432	25	0.8	AG	Topsoil Segregation
Erie	ATWS-3456	117.9	118.0	Left	313	50	0.4	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-3455	118.0	118.1	Left	358	25	0.2	AG	Topsoil Segregation
Erie	ATWS-2770	118.1	118.1	Right	175	75	0.3	AG,ID	Road Crossing
Erie	ATWS-249	118.1	118.1	Left	212	50	0.2	AG,ID	Road Crossing
Erie	ATWS-2769	118.1	118.2	Right	209	50	0.2	ID,OL,RE	Road and Existing Pipeline Crossing
Erie	ATWS-250	118.1	118.2	Left	195	75	0.3	OL	Road and Existing Pipeline Crossing
Erie	ATWS-3814	118.2	118.2	Right	211	25	0.1	OL	Topsoil Segregation
Erie	ATWS-2772	118.3	118.4	Left	538	50	0.6	AG,OL	Bend Installation and Waterbody and Wetland Crossing
Erie	ATWS-3815	118.3	118.4	Right	471	50	0.5	AG,OL	Bend Installation and Waterbody and Wetland Crossing
Erie	ATWS-814	118.5	118.7	Left	1,064	25	0.6	AG	Topsoil Segregation
Erie	ATWS-2778	118.7	118.8	Left	174	75	0.3	AG,ID,OL	Road Crossing
Erie	ATWS-2777	118.7	118.8	Left	212	75	0.4	AG,ID,OL	Road and Waterbody Crossing
Erie	ATWS-3816	118.9	119.0	Left	100	50	0.1	FW	Waterbody Crossing
Erie	ATWS-3817	119.0	119.0	Left	118	50	0.1	AG,FW	Waterbody Crossing
Erie	ATWS-2776	119.0	119.1	Left	665	25	0.4	AG	Topsoil Segregation
Erie	ATWS-2775	119.1	119.2	Left	312	50	0.4	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2773	119.2	119.2	Left	149	75	0.3	AG	Road Crossing
Erie	ATWS-251	119.2	119.2	Right	165	75	0.3	AG	Road Crossing
Erie	ATWS-2774	119.2	119.3	Left	206	75	0.4	AG,ID	Road Crossing
Erie	ATWS-252	119.2	119.2	Right	193	75	0.3	AG,ID	Road Crossing
Erie	ATWS-2860	119.2	119.3	Right	514	25	0.3	AG	Topsoil Segregation
Erie	ATWS-3818	119.3	119.4	Left	300	25	0.2	AG	Bend Installation
Erie	ATWS-2853	119.4	119.4	Right	193	50	0.2	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-2857	119.4	119.5	Left	453	25	0.3	AG,ID,OL	Bend Installation
Erie	ATWS-2854	119.4	119.5	Right	434	125	1.2	AG,ID,OL	Road Crossing
Erie	ATWS-2856	119.5	119.5	Left	275	75	0.5	AG,ID,OL	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Erie	ATWS-2855	119.5	119.6	Right	447	125	1.3	AG,ID,OL	Road Crossing
Erie	ATWS-2850	119.6	119.9	Right	1,800	25	1	AG	Topsoil Segregation
Erie	ATWS-2848	119.9	120.0	Right	134	75	0.2	AG	Waterbody Crossing
Erie	ATWS-3819	120.0	120.0	Left	175	50	0.2	AG	Waterbody Crossing
Erie	ATWS-2849	120.0	120.0	Right	200	75	0.3	AG	Waterbody Crossing
Erie	ATWS-2851	120.0	120.1	Right	500	25	0.3	AG,OL	Topsoil Segregation
Erie	ATWS-2852	120.1	120.2	Left	321	25	0.2	AG,OL	Bend Installation
Erie	ATWS-1561	120.1	120.3	Right	1,057	25	0.6	AG,OL	Topsoil Segregation
Erie	ATWS-3820	120.3	120.4	Left	308	50	0.4	AG	Bend Installation and Waterbody Crossing and Topsoil Segregation
Erie	ATWS-2064	120.4	120.4	Right	205	75	0.4	AG,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-3821	120.4	120.4	Left	121	50	0.1	FW,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-821	120.4	120.4	Right	186	75	0.3	ID,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-3824	120.5	120.5	Left	161	50	0.2	OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-3457	120.5	120.5	Right	148	75	0.3	OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-3822	120.5	120.6	Left	175	75	0.3	AG,OL	Road and Wetland Crossing
Erie	ATWS-3823	120.6	120.7	Left	499	25	0.3	AG	Topsoil Segregation
Erie	ATWS-1562	120.7	120.7	Right	376	25	0.2	AG	Topsoil Segregation
Erie	ATWS-2166	120.7	120.8	Right	475	25	0.3	AG	Topsoil Segregation
Erie	ATWS-819	120.7	120.8	Left	231	25	0.1	AG	Bend Installation
Erie	ATWS-822	120.8	120.9	Right	269	75	0.5	AG,ID,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-2979	120.8	120.9	Left	190	50	0.2	AG,ID,OL	Road, Waterbody and Wetland Crossing
Erie	ATWS-2980	120.9	120.9	Left	252	50	0.3	AG	Road, Waterbody and Wetland Crossing
Erie	ATWS-823	120.9	120.9	Right	173	75	0.3	AG	Road, Waterbody and Wetland Crossing
Erie	ATWS-2825	120.9	121.0	Right	666	25	0.4	AG	Topsoil Segregation
Erie	ATWS-1563	121.0	121.1	Right	351	50	0.4	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4107	121.1	121.1	Left	201	25	0.1	AG	Bend Installation
Erie	ATWS-3443	121.1	122.0	Right	4,384	25	2.5	AG	Topsoil Segregation
Erie	ATWS-3458	122.0	122.0	Right	157	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-256	122.0	122.1	Right	213	75	0.4	AG,OL	Road and Waterbody Crossing
Erie	ATWS-257	122.1	122.1	Right	379	75	0.7	AG,ID,OL	Road and Waterbody Crossing
Erie	ATWS-825	122.1	122.2	Right	158	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-2181	122.2	122.5	Right	1,706	25	1	AG	Topsoil Segregation
Erie	ATWS-1966	122.5	123.0	Right	2,816	25	1.6	AG	Topsoil Segregation
Erie	ATWS-826	122.6	122.7	Left	694	25	0.4	AG	Bend Installation
Erie	ATWS-827	122.7	122.8	Left	609	25	0.3	AG	Bend Installation
Erie	ATWS-3459	123.0	123.1	Right	100	75	0.2	AG	Waterbody Crossing
Erie	ATWS-3825	123.0	123.1	Left	87	50	0.1	AG	Waterbody Crossing
Erie	ATWS-3826	123.1	123.1	Left	112	50	0.1	AG	Waterbody Crossing
Erie	ATWS-3460	123.1	123.1	Right	101	75	0.2	AG	Waterbody Crossing
Erie	ATWS-1565	123.1	123.2	Right	702	25	0.4	AG	Topsoil Segregation
Erie	ATWS-2984	123.2	123.2	Left	132	50	0.2	AG	Road Crossing
Erie	ATWS-300	123.2	123.2	Right	136	75	0.2	AG	Road Crossing
Erie	ATWS-2983	123.2	123.3	Left	139	50	0.2	AG,ID	Road Crossing
Erie	ATWS-258	123.2	123.3	Right	136	75	0.2	AG,ID	Road Crossing
Erie	ATWS-1566	123.3	123.5	Right	1,378	25	0.8	AG	Topsoil Segregation
Erie	ATWS-4434	123.4	123.4	Left	34	25	0	FW,OL	Access To Hydrostatic Test Water
Erie	ATWS-4433	123.4	123.4	Left	99	25	0.1	AG	Access To Hydrostatic Test Water
Erie	ATWS-3827	123.5	123.6	Left	150	100	0.3	AG,FW,OL	Abandoned Rail and Wetland Crossing
Erie	ATWS-301	123.5	123.6	Right	145	75	0.2	AG,FW	Abandoned Rail and Wetland Crossing and Topsoil Segregation
Erie	ATWS-3828	123.6	123.6	Left	196	96	0.3	AG	Abandoned Rail and Wetland Crossing
Erie	ATWS-302	123.6	123.6	Right	147	75	0.3	AG,OL	Abandoned Rail and Wetland Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Erie	ATWS-1567	123.6	124.0	Right	1,998	25	1.1	AG	Topsoil Segregation
Erie	ATWS-545	124.0	124.0	Right	120	75	0.2	AG	Road and Waterbody Crossing
Erie	ATWS-3829	124.0	124.0	Left	100	85	0.2	AG	Road and Waterbody Crossing
Erie	ATWS-3830	124.0	124.1	Left	122	50	0.1	AG	Road and Waterbody Crossing
Erie	ATWS-546	124.0	124.1	Right	111	75	0.2	AG	Road and Waterbody Crossing
Erie	ATWS-1568	124.1	124.8	Right	3,773	25	2.2	AG	Topsoil Segregation
Erie	ATWS-259	124.3	124.3	Left	304	25	0.2	AG	Bend Installation
Erie	ATWS-260	124.8	124.8	Right	157	75	0.3	AG,ID	Road Crossing
Erie	ATWS-2988	124.8	124.8	Left	152	50	0.2	AG,ID	Road Crossing
Erie	ATWS-2989	124.8	124.8	Left	158	50	0.2	AG,ID	Road Crossing
Erie	ATWS-261	124.8	124.9	Right	148	75	0.5	AG,ID	Road Crossing
Erie	ATWS-4272	124.9	124.9	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-3831	124.9	124.9	Right	358	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1331	124.9	125.4	Right	2,472	25	1.4	AG	Topsoil Segregation
Erie	ATWS-3832	125.2	125.3	Left	300	25	0.2	AG	Bend Installation
Erie	ATWS-4273	125.4	125.4	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-2182	125.4	125.7	Right	1,515	25	0.9	AG	Topsoil Segregation
Erie	ATWS-828	125.8	125.8	Right	101	75	0.2	AG	Road, Waterbody and Wetland Crossing
Erie	ATWS-3833	125.8	125.8	Left	133	25	0.1	ID,RE	Road and Waterbody Crossing
Erie	ATWS-829	125.9	125.9	Left	410	75	0.7	AG,OL	Road and Waterbody Crossing
Erie	ATWS-2837	125.9	125.9	Right	179	75	0.2	OL	Road and Waterbody Crossing
Erie	ATWS-2836	125.9	126.2	Right	1,438	25	0.8	AG	Topsoil Segregation
Erie	ATWS-1570	126.1	126.1	Left	314	25	0.2	AG	Bend Installation
Erie	ATWS-2835	126.2	126.2	Left	165	50	0.2	AG,ID,OL	Road Crossing
Erie	ATWS-2834	126.2	126.3	Right	231	75	0.4	AG,ID,OL	Road Crossing
Erie	ATWS-2833	126.2	126.3	Left	228	50	0.3	AG,ID,OL	Road Crossing
Erie	ATWS-2832	126.3	126.3	Right	165	75	0.3	AG,ID,OL,RE	Road Crossing
Erie	ATWS-3834	126.3	126.4	Left	432	25	0.2	AG	Topsoil Segregation
Erie	ATWS-1571	126.4	126.6	Right	1,389	25	0.8	AG	Topsoil Segregation
Erie	ATWS-263	126.6	126.7	Right	169	75	0.3	AG	Road Crossing
Erie	ATWS-2990	126.6	126.7	Left	221	50	0.3	AG,OL,RE	Road Crossing
Erie	ATWS-264	126.7	126.7	Right	423	75	0.7	AG,ID	Road Crossing
Erie	ATWS-2991	126.7	126.7	Left	369	75	0.6	AG,ID	Road Crossing
Erie	ATWS-2183	126.7	126.8	Right	462	25	0.3	AG	Topsoil Segregation
Erie	ATWS-3461	126.8	126.9	Left	304	25	0.2	AG	Bend Installation
Erie	ATWS-3836	126.8	127.0	Right	826	25	0.5	AG	Topsoil Segregation
Erie	ATWS-3835	127.0	127.1	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4108	127.0	127.0	Left	200	25	0.1	AG	Bend Installation
Erie	ATWS-1334	127.1	127.4	Right	1,632	25	0.9	AG,OL	Topsoil Segregation
Erie	ATWS-4274	127.3	127.4	Left	210	25	0.1	AG	Bend Installation
Erie	ATWS-265	127.4	127.4	Right	178	75	0.3	AG	Waterbody Crossing
Erie	ATWS-266	127.4	127.4	Right	151	75	0.3	AG,RE	Waterbody Crossing
Erie	ATWS-1572	127.4	127.6	Right	980	25	0.6	AG	Topsoil Segregation
Erie	ATWS-832	127.6	127.7	Right	169	75	0.3	AG,ID,FW	Bend Installation and Road Crossing
Erie	ATWS-267	127.7	127.7	Left	141	75	0.2	AG,ID,FW	Road Crossing
Erie	ATWS-1574	127.7	127.9	Right	1,216	25	0.7	AG,ID,OL,RE	Topsoil Segregation
Erie	ATWS-268	127.7	127.7	Left	112	75	0.2	AG,ID,RE	Road Crossing
Erie	ATWS-4109	127.7	127.7	Left	99	25	0.1	AG	Bend Installation
Erie	ATWS-1965	127.8	127.9	Left	429	25	0.2	AG,OL	Bend Installation
Erie	ATWS-3464	127.9	127.9	Left	91	50	0.1	AG,OL	Waterbody Crossing
Erie	ATWS-835	127.9	127.9	Right	155	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-3837	127.9	128.0	Left	100	50	0.1	AG	Waterbody Crossing
Erie	ATWS-834	127.9	128.0	Right	121	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-1332	128.0	128.1	Right	654	25	0.4	AG	Topsoil Segregation
Erie	ATWS-3838	128.1	128.1	Left	148	50	0.2	AG	Waterbody Crossing
Erie	ATWS-2830	128.1	128.1	Right	165	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-1333	128.1	128.2	Right	543	25	0.3	AG	Topsoil Segregation
Erie	ATWS-837	128.2	128.2	Left	175	25	0.1	AG	Bend Installation and Waterbody Crossing
Erie	ATWS-304	128.2	128.3	Right	397	125	1.1	AG	Rail and Road Crossing
Erie	ATWS-2992	128.3	128.3	Left	93	50	0.1	AG	Rail and Road Crossing
Erie	ATWS-305	128.4	128.4	Right	197	75	0.3	ID,FW	Rail and Road Crossing
Erie	ATWS-307	128.9	128.9	Right	146	75	0.3	AG	Road Crossing
Erie	ATWS-1576	128.9	129.2	Right	1,645	25	0.9	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Erie	ATWS-3465	129.2	129.2	Right	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-3466	129.3	129.3	Right	289	75	0.5	AG,OL	Waterbody Crossing and Topsoil Segregation
Erie	ATWS-3839	129.3	129.4	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1289	129.4	130.0	Right	3,237	25	1.9	AG	Topsoil Segregation
Erie	ATWS-568	129.7	129.7	Left	305	25	0.2	AG	Bend Installation
Erie	ATWS-3841	130.0	130.0	Right	153	50	0.2	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-308	130.0	130.1	Right	126	75	0.2	AG	Bend Installation and Road Crossing
Erie	ATWS-4506	130.0	130.1	Right	70	75	0.1	AG,ID,OL	Road Crossing
Erie	ATWS-309	130.1	130.1	Right	245	75	0.4	AG,ID	Road Crossing
Erie	ATWS-1577	130.1	130.4	Right	1,788	25	1	AG,FW	Topsoil Segregation
Erie	ATWS-1963	130.4	130.5	Left	239	25	0.1	AG	Topsoil Segregation
Erie	ATWS-838	130.4	130.4	Left	99	50	0.1	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-1964	130.4	130.4	Right	470	25	0.3	AG	Topsoil Segregation
Erie	ATWS-3467	130.5	130.6	Right	317	50	0.4	AG,RE	Bend Installation and Topsoil Segregation
Erie	ATWS-4112	130.6	130.6	Left	286	25	0.2	AG,RE	Bend Installation
Erie	ATWS-3843	130.6	130.7	Left	814	25	0.5	AG,RE	Topsoil Segregation
Erie	ATWS-2074	130.7	130.8	Left	147	75	0.3	AG,ID	Road Crossing
Erie	ATWS-310	130.8	130.8	Right	136	75	0.2	AG,ID,RE	Road Crossing
Erie	ATWS-3842	130.8	130.8	Left	228	50	0.3	ID,FW	Bend Installation and Road Crossing
Erie	ATWS-311	130.8	130.8	Right	141	50	0.2	ID,FW	Bend Installation and Road Crossing
Erie	ATWS-4275	130.8	131.0	Right	754	25	0.4	AG	Topsoil Segregation
Erie	ATWS-839	131.0	131.0	Left	264	50	0.3	AG	Bend Installation and Topsoil Segregation
Erie	ATWS-4276	131.0	131.5	Left	2,337	25	1.3	AG	Topsoil Segregation
Sandusky/Erie	ATWS-2993	131.5	131.5	Left	228	75	0.4	AG,ID	Road Crossing
Sandusky	ATWS-3844	131.5	131.5	Left	148	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1579	131.5	132.6	Right	5,666	25	3.3	AG	Topsoil Segregation
Sandusky	ATWS-3845	131.8	131.9	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-566	132.6	132.7	Left	235	125	0.7	AG,OL	Road Crossing
Sandusky	ATWS-567	132.6	132.7	Right	653	100	1.5	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-636	132.7	132.7	Right	215	50	0.2	AG	Bore Pull Back String
Sandusky	ATWS-270	132.7	132.8	Right	395	75	0.7	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-637	132.7	132.8	Left	678	260	2.1	AG	Bend Installation and Road Crossing
Sandusky	ATWS-1581	133.3	133.3	Right	2,617	25	1.5	AG,OL	Topsoil Segregation
Sandusky	ATWS-3847	133.3	133.3	Left	416	100	1	AG,OL	Road and Wetland Crossing
Sandusky	ATWS-543	133.4	133.4	Left	267	50	0.3	AG,ID,RE	Road and Wetland Crossing
Sandusky	ATWS-1580	133.4	133.5	Right	572	25	0.3	AG,ID	Topsoil Segregation
Sandusky	ATWS-4113	133.4	133.4	Left	151	25	0.1	AG	Bend Installation
Sandusky	ATWS-3513	133.5	133.5	Left	209	50	0.2	AG	Road Crossing
Sandusky	ATWS-272	133.5	133.5	Right	165	75	0.3	AG	Road Crossing
Sandusky	ATWS-273	133.5	133.6	Right	407	75	0.7	AG,ID	Road Crossing
Sandusky	ATWS-2540	133.5	133.6	Left	209	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-1582	133.6	133.9	Right	1,510	25	0.9	AG	Topsoil Segregation
Sandusky	ATWS-3514	133.8	133.8	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-842	134.1	134.1	Right	145	75	0.2	AG,ID	Road Crossing
Sandusky	ATWS-2551	134.1	134.1	Left	149	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-1584	134.1	134.3	Right	610	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-503	134.3	134.3	Right	103	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-2994	134.3	134.3	Left	112	50	0.1	AG,OL	Waterbody Crossing
Sandusky	ATWS-2995	134.3	134.3	Left	98	50	0.1	AG,OL	Waterbody Crossing
Sandusky	ATWS-3510	134.3	134.6	Right	1,514	25	0.9	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3515	134.6	134.6	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-4114	134.6	134.6	Left	200	25	0.1	AG	Bend Installation
Sandusky	ATWS-1291	134.6	135.3	Right	3,579	25	2.1	AG,FW	Topsoil Segregation
Sandusky	ATWS-3516	134.7	134.8	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-2523	135.2	135.3	Left	589	25	0.3	AG	Bend Installation
Sandusky	ATWS-2861	135.3	135.3	Right	96	75	0.2	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-843	135.3	135.3	Left	105	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-2862	135.3	135.4	Right	335	75	0.6	AG	Road and Waterbody Crossing
Sandusky	ATWS-845	135.3	135.4	Left	324	50	0.4	AG,OL	Road and Waterbody Crossing
Sandusky	ATWS-2865	135.4	135.4	Right	165	75	0.3	AG,ID	Road and Waterbody Crossing
Sandusky	ATWS-846	135.4	135.4	Left	163	50	0.2	AG,ID	Road and Waterbody Crossing
Sandusky	ATWS-3846	135.4	135.9	Right	2,457	25	1.4	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3848	135.9	135.9	Left	225	75	0.4	AG	Waterbody Crossing
Sandusky	ATWS-847	136.0	136.0	Left	242	75	0.4	AG	Waterbody Crossing
Sandusky	ATWS-3849	136.0	136.4	Right	2,031	25	1.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-848	136.4	136.4	Left	194	50	0.2	AG	Road and Waterbody Crossing
Sandusky	ATWS-2923	136.4	136.4	Right	196	75	0.3	AG	Road and Waterbody Crossing
Sandusky	ATWS-849	136.4	136.5	Left	204	50	0.2	AG,ID,OL	Road and Waterbody Crossing
Sandusky	ATWS-2922	136.4	136.5	Right	204	50	0.2	AG,ID,OL	Road Crossing
Sandusky	ATWS-3851	136.5	136.9	Right	2,192	25	1.3	AG	Topsoil Segregation
Sandusky	ATWS-3850	136.9	136.9	Right	200	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1962	136.9	136.9	Left	200	50	0.2	AG,OL	Waterbody Crossing
Sandusky	ATWS-2603	136.9	136.9	Left	98	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-3852	136.9	136.9	Right	96	50	0.1	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3853	136.9	137.4	Right	2,288	25	1.3	AG	Topsoil Segregation
Sandusky	ATWS-2998	137.4	137.4	Right	203	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2521	137.4	137.4	Left	202	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-2999	137.4	137.5	Right	227	75	0.4	AG,ID	Bend Installation and Road and Wetland Crossing
Sandusky	ATWS-2522	137.4	137.5	Left	497	50	0.6	AG,ID	Bend Installation and Road Crossing
Sandusky	ATWS-3000	137.5	137.5	Right	231	75	0.4	AG,ID	Road Crossing
Sandusky	ATWS-3519	137.5	137.7	Left	829	50	1	AG,ID	Bend Installation and Road Crossing
Sandusky	ATWS-3854	137.5	137.6	Right	494	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-1241	137.7	138.0	Left	1,665	25	1	AG	Topsoil Segregation
Sandusky	ATWS-852	138.0	138.0	Left	172	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-853	138.0	138.1	Left	169	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1240	138.1	138.2	Left	703	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-3520	138.2	138.3	Left	678	75	1.2	AG	Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1242	138.4	138.6	Left	602	25	0.3	AG,FW	Topsoil Segregation
Sandusky	ATWS-855	138.6	138.6	Left	174	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-3521	138.6	138.6	Left	186	75	0.3	ID,OL	Road and Wetland Crossing
Sandusky	ATWS-3522	138.6	138.6	Right	166	25	0.1	OL	Road, Waterbody and Wetland Crossing
Sandusky	ATWS-856	138.7	138.7	Left	470	75	0.8	AG,FW	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3524	138.7	138.8	Left	292	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-3523	138.8	138.9	Left	300	50	0.3	AG,OL	Bend Installation and Topsoil Segregation
Sandusky	ATWS-1243	138.9	139.0	Left	954	25	0.5	AG	Topsoil Segregation
Sandusky	ATWS-3856	139.0	139.1	Right	225	50	0.3	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-3525	139.0	139.1	Left	125	75	0.2	AG	Waterbody and Wetland Crossing
Sandusky	ATWS-3855	139.1	139.1	Right	86	50	0.1	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-857	139.1	139.1	Left	95	75	0.2	AG,OL	Waterbody and Wetland Crossing
Sandusky	ATWS-1589	139.1	139.2	Left	717	25	0.4	AG,OL	Topsoil Segregation
Sandusky	ATWS-858	139.1	139.2	Right	304	25	0.2	AG,OL	Bend Installation
Sandusky	ATWS-553	139.2	139.3	Left	367	75	0.6	AG	Road and Wetland Crossing
Sandusky	ATWS-2838	139.2	139.3	Right	242	75	0.4	AG,ID,OL	Road and Wetland Crossing
Sandusky	ATWS-2839	139.3	139.4	Right	438	75	0.8	AG,ID	Road and Wetland Crossing
Sandusky	ATWS-313	139.3	139.4	Left	213	75	0.4	AG,ID	Road and Wetland Crossing
Sandusky	ATWS-3527	139.4	139.4	Left	277	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-3526	139.4	139.5	Left	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-3528	139.5	139.6	Left	589	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-859	139.6	139.6	Left	159	75	0.3	AG,ID	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-860	139.6	139.7	Left	163	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1591	139.7	139.8	Left	486	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-861	139.8	139.8	Left	261	75	0.4	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1592	139.9	140.0	Left	345	75	0.6	AG,FW	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1593	140.0	140.1	Left	741	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-862	140.1	140.1	Left	170	75	0.3	AG	Road Crossing
Sandusky	ATWS-863	140.1	140.2	Left	164	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-3534	140.2	140.2	Left	122	25	0.1	AG	Topsoil Segregation
Sandusky	ATWS-3533	140.2	140.3	Left	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-1244	140.3	140.5	Left	1,195	25	0.7	AG	Topsoil Segregation
Sandusky	ATWS-3529	140.5	140.5	Left	165	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3530	140.5	140.5	Right	129	25	0.1	AG,FW	Waterbody Crossing
Sandusky	ATWS-3531	140.5	140.6	Left	149	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-2874	140.6	140.6	Right	228	25	0.1	AG	Bend Installation
Sandusky	ATWS-315	140.6	140.7	Left	549	50	0.6	AG	Bend Installation and Road Crossing
Sandusky	ATWS-1594	140.6	140.7	Right	350	75	0.6	AG	Road Crossing
Sandusky	ATWS-2506	140.7	140.7	Left	435	50	0.5	AG,ID	Road Crossing
Sandusky	ATWS-2280	140.7	140.7	Right	151	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2829	140.7	140.8	Right	367	75	0.6	AG	Road and Existing Pipeline Crossing
Sandusky	ATWS-3858	140.8	1408.0	Left	376	25	0.2	AG	Existing Pipeline Crossing
Sandusky	ATWS-1961	140.8	141.1	Right	1,835	25	1.1	AG	Topsoil Segregation
Sandusky	ATWS-3535	141.1	141.2	Left	179	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-864	141.1	141.2	Right	265	75	0.5	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-2507	141.2	141.3	Left	532	50	0.6	AG	Waterbody Crossing and Road Crossing
Sandusky	ATWS-865	141.2	141.3	Right	534	75	0.9	AG	Waterbody Crossing and Road Crossing
Sandusky	ATWS-2508	141.3	141.3	Left	265	50	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2281	141.3	141.3	Right	158	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1246	141.3	141.6	Right	1,249	25	0.7	AG	Topsoil Segregation
Sandusky	ATWS-3859	141.6	141.6	Right	157	100	0.4	AG,ID,OL	Road and Wetland Crossing
Sandusky	ATWS-2509	141.6	141.6	Left	220	50	0.3	AG,OL	Road and Wetland Crossing
Sandusky	ATWS-866	141.6	141.7	Right	477	75	0.8	AG,ID,FW,OL	Road, Waterbody and Wetland Crossing
Sandusky	ATWS-2510	141.6	141.7	Left	265	50	0.3	AG,ID,OL	Road, Waterbody and Wetland Crossing
Sandusky	ATWS-3537	141.7	141.8	Left	329	50	0.4	AG,FW	Waterbody Crossing
Sandusky	ATWS-868	141.7	141.8	Right	283	75	0.5	AG,FW	Waterbody Crossing
Sandusky	ATWS-1595	141.8	141.8	Right	392	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-2511	141.8	141.9	Left	183	50	0.2	AG,OL	Road Crossing
Sandusky	ATWS-870	141.8	141.9	Right	291	75	0.5	AG,OL	Road Crossing
Sandusky	ATWS-2518	141.9	141.9	Left	263	50	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-869	141.9	141.9	Right	155	75	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-1248	141.9	142.6	Right	3,861	25	2.2	AG	Topsoil Segregation
Sandusky	ATWS-3538	142.3	142.4	Left	299	25	0.2	AG	Bend Installation
Sandusky	ATWS-323	142.6	142.7	Right	167	75	0.3	AG	Road and Waterbody Crossing
Sandusky	ATWS-2519	142.7	142.7	Left	226	50	0.3	AG	Road and Waterbody Crossing
Sandusky	ATWS-324	142.7	142.8	Right	290	75	0.5	AG	Road and Waterbody Crossing
Sandusky	ATWS-2520	142.7	142.8	Left	203	50	0.2	AG,ID	Road and Waterbody Crossing
Sandusky	ATWS-1596	142.8	143.0	Right	1,135	25	0.7	AG	Topsoil Segregation
Sandusky	ATWS-3539	143.0	143.0	Left	93	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-872	143.0	143.0	Right	127	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3540	143.0	143.0	Left	142	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-873	143.0	143.0	Right	102	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1597	143.0	143.2	Right	986	25	0.6	AG	Topsoil Segregation
Sandusky	ATWS-2478	143.2	143.2	Left	165	100	0.4	AG,OL	Road Crossing
Sandusky	ATWS-325	143.2	143.2	Right	189	75	0.3	AG,OL	Road Crossing
Sandusky	ATWS-2477	143.3	143.3	Left	360	50	0.6	AG,ID	Road Crossing and Waterbody Crossing
Sandusky	ATWS-326	143.3	143.3	Right	306	75	0.5	AG,ID	Road Crossing and Waterbody Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-3542	143.3	143.4	Right	95	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3541	143.3	143.4	Left	92	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-1247	143.4	143.7	Right	1,719	25	1	AG	Topsoil Segregation
Sandusky	ATWS-3543	143.5	143.5	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-3545	143.7	143.7	Left	180	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-3546	143.7	143.7	Right	200	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3544	143.7	143.8	Left	200	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-599	143.7	143.8	Right	183	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1601	143.8	143.9	Right	710	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-2291	143.9	143.9	Left	184	100	0.4	AG,ID	Road Crossing
Sandusky	ATWS-386	143.9	143.9	Right	185	75	0.3	AG	Road Crossing
Sandusky	ATWS-2292	143.9	144.0	Left	246	50	0.3	AG,ID	Road Crossing
Sandusky	ATWS-387	144.0	144.0	Right	179	75	0.3	AG	Road Crossing
Sandusky	ATWS-1602	144.0	144.4	Right	2,175	25	1.2	AG	Topsoil Segregation
Sandusky	ATWS-389	144.4	144.4	Right	202	75	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-2403	144.4	144.4	Left	158	50	0.2	AG	Road Crossing
Sandusky	ATWS-2402	144.4	144.5	Left	236	50	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-388	144.4	144.5	Right	196	75	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-3860	144.5	144.6	Right	767	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-1603	144.6	144.8	Right	395	125	1.1	AG	Bend Installation and Road Crossing
Sandusky	ATWS-2524	144.6	144.8	Left	742	75	1.3	AG	Bend Installation and Road Crossing
Sandusky	ATWS-2525	144.8	144.9	Left	161	115	0.4	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-3038	144.8	144.9	Right	773	125	2.1	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-3547	144.9	145.0	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-4278	144.9	145.0	Left	200	25	0.1	AG	Bend Installation
Sandusky	ATWS-2526	145.0	145.2	Right	1,239	25	0.7	AG	Topsoil Segregation
Sandusky	ATWS-2472	145.1	145.7	Left	2,194	100	5	AG,OL	HDD Pull Back String
Sandusky	ATWS-3549	145.1	145.2	Left	415	50	0.5	AG,ID,OL	Bend Installation and Road Crossing
Sandusky	ATWS-3037	145.2	145.2	Right	140	75	0.2	AG	Road Crossing
Sandusky	ATWS-3079	145.2	145.2	Right	5	75	0	ID	Road Crossing
Sandusky	ATWS-3035	145.2	145.3	Right	183	75	0.3	AG,ID,OL	Road Crossing
Sandusky	ATWS-2530	145.2	145.3	Left	179	40	0.2	AG,ID,OL,RE	Road Crossing
Sandusky	ATWS-3036	145.3	145.6	Right	1,825	25	1	AG	Topsoil Segregation
Sandusky	ATWS-2553	145.6	145.8	Left	910	285	2.5	AG	HDD Exit Location
Sandusky	ATWS-3684	145.6	145.8	Right	805	125	2.3	AG	HDD Exit Location
Sandusky	ATWS-2474	146.2	146.4	Right	466	150	1.6	OL	HDD Entry Location
Sandusky	ATWS-4353	146.2	146.4	Left	624	125	1.8	OL	HDD Entry Location
Sandusky	ATWS-3862	146.3	146.4	Right	246	100	0.6	OL,OW	Waterbody Crossing
Sandusky	ATWS-3863	146.4	146.4	Left	208	75	0.4	OL	Waterbody Crossing
Sandusky	ATWS-2475	164.4	164.4	Left	176	75	0.3	AG	Waterbody Crossing
Sandusky	ATWS-3864	146.4	146.4	Right	170	100	0.4	AG,OL	Waterbody Crossing
Sandusky	ATWS-4542	146.4	146.5	Right	264	50	0.3	AG	Topsoil Segregation
Sandusky	ATWS-2882	146.5	146.6	Right	573	25	0.2	AG,ID	Topsoil Segregation
Sandusky	ATWS-3551	146.5	146.6	Left	480	50	0.6	AG,ID	Bend Installation and Road Crossing
Sandusky	ATWS-2884	146.6	146.6	Left	184	50	0.2	AG,OL	Road Crossing
Sandusky	ATWS-3554	146.6	146.6	Right	182	75	0.3	AG,OL	Road Crossing
Sandusky	ATWS-4118	146.6	146.7	Right	767	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-3556	146.6	146.7	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-4117	146.7	146.7	Right	120	75	0.2	AG	Topsoil Segregation and Waterbody Crossing
Sandusky	ATWS-4116	146.7	146.7	Left	184	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-4119	146.7	146.7	Right	100	75	0.2	AG,OL	Topsoil Segregation and Waterbody Crossing
Sandusky	ATWS-2885	146.7	147.1	Right	2,032	25	1.2	AG	Topsoil Segregation
Sandusky	ATWS-3865	147.1	147.2	Left	309	100	0.7	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-3557	147.1	147.2	Right	491	125	1.4	AG,OL	Bend Installation and Road Crossing
Sandusky	ATWS-3559	147.2	147.3	Left	397	100	0.9	AG,OL	Bend Installation and Road and Wetland Crossing
Sandusky	ATWS-3558	147.2	147.3	Right	386	125	1.1	AG,OL	Road and Wetland Crossing
Sandusky	ATWS-2889	147.3	147.4	Right	440	25	0.3	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-3560	147.4	147.4	Right	283	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-4120	147.4	147.4	Left	184	25	0.1	AG	Bend Installation
Sandusky	ATWS-880	147.4	147.5	Left	148	50	0.2	AG,RE	Road, Waterbody and Existing Pipeline Crossing
Sandusky	ATWS-505	147.4	147.5	Right	178	75	0.3	AG,ID	Road, Waterbody and Existing Pipeline Crossing
Sandusky	ATWS-2890	147.5	147.5	Left	259	50	0.3	AG,ID	Road and Waterbody Crossing
Sandusky	ATWS-504	147.5	147.5	Right	187	75	0.3	AG	Road and Waterbody Crossing
Sandusky	ATWS-1605	147.5	147.6	Right	134	25	0.1	AG	Topsoil Segregation
Sandusky	ATWS-392	147.6	147.6	Right	222	90	0.5	AG	Rail and Waterbody Crossing
Sandusky	ATWS-3561	147.6	147.6	Left	205	75	0.4	AG	Rail and Waterbody Crossing
Sandusky	ATWS-3562	147.6	147.7	Left	200	75	0.3	AG	Rail and Waterbody Crossing
Sandusky	ATWS-393	147.6	147.7	Right	178	75	0.3	AG	Rail and Waterbody Crossing
Sandusky	ATWS-3564	147.7	147.7	Right	112	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3563	147.7	147.7	Left	165	50	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3566	147.7	147.8	Right	167	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3565	147.7	147.8	Left	109	50	0.1	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1606	147.8	148.1	Right	1,678	25	1	AG	Topsoil Segregation
Sandusky	ATWS-4121	148.1	148.1	Left	125	25	0.1	AG	Existing Pipeline Crossing
Sandusky	ATWS-4279	148.1	148.2	Right	506	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-394	148.2	148.3	Right	375	75	0.6	AG,ID,OL	Bend Installation and Road Crossing
Sandusky	ATWS-4122	148.2	148.2	Left	151	25	0.1	AG	Bend Installation
Sandusky	ATWS-3568	148.2	148.3	Left	199	50	0.2	AG,OL	Road Crossing
Sandusky	ATWS-3569	148.3	148.3	Left	212	50	0.2	AG,ID,OL	Road Crossing
Sandusky	ATWS-395	148.3	148.3	Right	211	75	0.4	AG,ID,OL	Road Crossing
Sandusky	ATWS-2466	148.3	148.7	Right	2,285	25	1.3	AG	Topsoil Segregation
Sandusky	ATWS-3570	148.7	148.8	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3571	148.7	148.8	Left	100	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-3572	148.8	148.8	Right	100	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3573	148.8	148.8	Left	100	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-1608	148.8	149.3	Right	2,945	25	1.7	AG	Topsoil Segregation
Sandusky	ATWS-882	149.3	149.4	Left	143	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-2569	149.3	149.4	Right	120	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-881	149.4	149.4	Right	153	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3574	149.4	149.4	Left	166	50	0.2	AG	Waterbody Crossing
Sandusky	ATWS-1609	149.4	149.6	Right	974	25	0.6	AG	Topsoil Segregation
Sandusky	ATWS-3575	149.4	149.5	Left	300	25	0.2	AG	Bend Installation
Sandusky	ATWS-883	149.6	149.6	Right	162	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2981	149.6	149.6	Left	174	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-884	149.6	149.7	Right	187	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2982	149.6	149.7	Left	172	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-1251	149.7	150.3	Right	3,129	25	1.8	AG,ID,RE	Topsoil Segregation
Sandusky	ATWS-330	150.2	150.3	Left	179	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2891	150.3	150.3	Right	184	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-331	150.3	150.3	Left	182	50	0.2	AG,ID	Road Crossing
Sandusky	ATWS-1659	150.3	150.5	Right	1,163	25	0.7	AG	Topsoil Segregation
Sandusky	ATWS-3576	150.5	150.6	Right	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-4280	150.5	150.6	Left	200	25	0.1	AG	Bend Installation
Sandusky	ATWS-1660	150.6	150.7	Right	539	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-332	150.7	150.7	Right	195	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-2986	150.7	150.7	Left	167	25	0.1	AG,ID	Road Crossing
Sandusky	ATWS-2985	150.7	150.8	Left	183	25	0.1	AG,ID	Road Crossing
Sandusky	ATWS-333	150.7	150.8	Right	155	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1610	150.8	151.1	Right	1,783	25	1	AG	Topsoil Segregation
Sandusky	ATWS-506	151.1	151.1	Right	126	75	0.2	AG	Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-2987	151.1	151.1	Right	107	75	0.2	AG	Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1250	151.1	151.2	Right	286	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-527	151.2	151.3	Right	346	125	1	AG	Rails To Trails and Wetland Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Sandusky	ATWS-528	151.3	151.4	Right	200	85	0.3	AG	Rails To Trails and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-4281	151.4	151.4	Right	400	125	1.1	AG	Rails To Trails and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1957	151.4	151.5	Right	296	25	0.2	AG,OL	Topsoil Segregation
Sandusky	ATWS-1611	151.6	151.7	Right	496	25	0.3	AG,FW	Topsoil Segregation
Sandusky	ATWS-334	151.7	151.7	Right	205	75	0.4	AG,ID	Road Crossing
Sandusky	ATWS-335	151.7	151.8	Right	346	75	0.4	AG,ID,FW	Road Crossing
Sandusky	ATWS-1252	151.9	152.2	Right	1,696	25	1	AG	Topsoil Segregation
Sandusky	ATWS-628	152.2	152.2	Right	274	75	0.5	AG,FW	Wetland Crossing
Sandusky	ATWS-1253	152.3	152.7	Right	2,147	25	1.2	AG,FW,OL	Topsoil Segregation
Sandusky	ATWS-336	152.7	152.7	Right	236	75	0.4	ID,OL	Road Crossing
Sandusky	ATWS-337	152.7	152.8	Right	228	75	0.4	AG	Road Crossing and Waterbody Crossing
Sandusky	ATWS-1612	152.8	153.2	Right	2,194	25	1.3	AG	Topsoil Segregation
Sandusky	ATWS-1662	153.2	153.2	Right	200	75	0.3	AG,FW	Waterbody Crossing and Wetland Crossing
Sandusky	ATWS-1661	153.4	153.4	Right	180	75	0.3	OL	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-1613	153.4	153.7	Right	1,625	25	0.9	AG,OL	Topsoil Segregation
Sandusky	ATWS-338	153.7	153.8	Right	216	75	0.4	AG,ID	Road Crossing
Sandusky	ATWS-339	153.8	153.8	Right	135	75	0.2	AG	Road Crossing and Waterbody Crossing
Sandusky	ATWS-1614	153.8	153.9	Right	361	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-891	153.9	153.9	Right	405	50	0.5	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-4123	153.9	153.9	Left	125	50	0.1	AG	Existing Pipeline Crossing
Sandusky	ATWS-2892	153.9	154.0	Right	288	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-600	154.0	154.2	Right	827	25	0.5	AG	Topsoil Segregation
Sandusky	ATWS-340	154.2	154.2	Right	531	125	1.5	AG,ID,RE	Bend Installation and Road Crossing
Sandusky	ATWS-892	154.2	154.2	Left	378	50	0.4	AG,ID	Bend Installation and Road Crossing
Sandusky	ATWS-341	154.2	154.3	Right	284	125	0.8	AG,ID,RE	Bend Installation and Road Crossing
Sandusky	ATWS-1954	154.2	154.3	Left	504	50	0.6	AG,ID	Bend Installation and Road Crossing
Sandusky	ATWS-1615	154.3	154.4	Right	478	25	0.3	AG,RE	Topsoil Segregation
Sandusky	ATWS-4363	154.4	154.4	Left	100	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-342	154.4	154.4	Right	114	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3580	154.4	154.5	Left	118	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-671	154.5	154.5	Right	124	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1616	154.5	154.6	Right	554	25	0.3	AG	Road Crossing and Waterbody Crossing
Sandusky	ATWS-4124	154.6	154.7	Right	489	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-1953	154.7	154.7	Left	325	50	0.4	AG,ID	Road Crossing and Waterbody Crossing
Sandusky	ATWS-617	154.7	154.7	Right	199	75	0.3	AG,ID	Road Crossing and Waterbody Crossing
Sandusky	ATWS-343	154.7	154.8	Right	288	75	0.5	AG	Road Crossing and Waterbody Crossing
Sandusky	ATWS-3001	154.7	154.8	Left	208	50	0.2	AG,ID	Road Crossing and Waterbody Crossing
Sandusky	ATWS-1256	154.8	155.1	Right	1,852	25	1.1	AG	Topsoil Segregation
Sandusky	ATWS-601	155.1	155.2	Left	325	50	0.4	AG,OL	Waterbody Crossing
Sandusky	ATWS-2894	155.1	155.2	Right	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-2893	155.2	155.2	Right	285	75	0.5	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-529	155.2	155.2	Left	124	50	0.1	AG,OL	Waterbody Crossing
Sandusky	ATWS-2171	155.2	155.3	Right	374	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-1617	155.3	155.6	Right	1,244	25	0.7	AG,OL	Topsoil Segregation
Sandusky	ATWS-885	155.6	155.6	Right	90	35	0	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-4282	155.6	155.7	Left	412	25	0.2	AG,FW	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-4414	155.6	155.7	Right	137	50	0.1	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-1618	155.7	155.9	Right	1,441	25	0.8	AG,ID,RE	Topsoil Segregation
Sandusky	ATWS-886	155.8	155.9	Left	584	50	0.7	AG,ID,RE	Bend Installation and Road Crossing
Sandusky	ATWS-2896	155.9	156.0	Left	417	50	0.5	AG	Bend Installation and Road and Waterbody Crossing
Sandusky	ATWS-669	155.9	156.0	Right	261	75	0.4	AG	Bend Installation and Road and Waterbody Crossing
Sandusky	ATWS-1257	156.0	156.1	Right	509	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-1952	156.1	156.1	Left	228	50	0.3	AG	Existing Pipeline Crossing
Sandusky	ATWS-2879	156.1	156.1	Right	114	50	0.1	AG	Existing Pipeline Crossing
Sandusky	ATWS-2880	156.1	156.2	Right	225	50	0.3	AG	Existing Pipeline Crossing
Sandusky	ATWS-1951	156.1	156.2	Left	112	50	0.1	AG	Existing Pipeline Crossing
Sandusky	ATWS-2881	156.2	156.2	Right	398	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-1664	156.2	156.3	Right	404	75	0.7	AG,FW	Bend Installation and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-887	156.2	156.3	Left	264	50	0.3	AG,FW	Bend and Wetland Crossing
Sandusky	ATWS-888	156.5	156.6	Left	465	50	0.5	AG,FW	Bend Installation and Waterbody Crossing
Sandusky	ATWS-1255	156.5	156.6	Right	469	75	0.8	AG,FW	Bend Installation and Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-4364	156.6	156.6	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-4365	156.6	156.6	Left	100	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-1950	156.6	156.8	Right	1,369	25	0.8	AG	Topsoil Segregation
Sandusky	ATWS-4366	156.8	156.9	Left	106	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-889	156.8	156.9	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-890	156.9	156.9	Right	101	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-4367	156.9	156.9	Left	100	50	0.1	AG	Waterbody Crossing
Sandusky	ATWS-1254	156.9	157.1	Right	927	25	0.5	AG	Topsoil Segregation
Sandusky	ATWS-893	157.1	157.1	Right	288	75	0.5	AG,ID,OL	Road Crossing
Sandusky	ATWS-2996	157.1	157.1	Left	128	50	0.1	AG,ID,OL	Road and Wetland Crossing
Sandusky	ATWS-895	157.1	157.3	Right	670	75	1.2	AG,ID,FW	Road and Wetland Crossing
Sandusky	ATWS-2997	157.1	157.2	Left	158	50	0.2	AG	Road and Wetland Crossing
Sandusky	ATWS-4125	157.6	157.6	Right	152	75	0.2	ID,FW	Road and Wetland Crossing
Sandusky	ATWS-2877	157.6	157.7	Right	154	75	0.3	AG,ID,RE	Road and Wetland Crossing
Sandusky	ATWS-2878	157.7	157.7	Right	100	25	0.1	AG	Topsoil Segregation
Sandusky	ATWS-2876	157.7	157.8	Right	341	75	0.6	AG,OL,RE	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Sandusky	ATWS-1258	157.7	157.8	Left	284	50	0.3	AG	Bend Installation and Existing Pipeline Crossing and Topsoil Segregation
Sandusky	ATWS-554	157.8	157.8	Left	181	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-555	157.8	157.9	Left	411	75	0.7	AG,FW,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-4127	158.1	158.2	Right	235	25	0.1	FW,OL	Road and Wetland Crossing
Sandusky	ATWS-1948	158.1	158.2	Left	170	75	0.3	ID,FW	Road and Wetland Crossing
Sandusky	ATWS-347	158.2	158.2	Left	289	75	0.5	AG,ID,FW,OL	Road and Wetland Crossing
Sandusky	ATWS-4128	158.2	158.2	Right	218	25	0.1	FW,OL	Road and Wetland Crossing
Sandusky	ATWS-1259	158.2	158.5	Left	1,479	25	0.8	AG	Topsoil Segregation
Sandusky	ATWS-348	158.5	158.6	Left	420	125	1.2	AG,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-4129	158.6	158.6	Right	126	25	0.1	OL	Waterbody and Wetland Crossing
Sandusky	ATWS-899	158.6	158.7	Left	410	75	0.7	AG,OL	Waterbody Crossing
Sandusky	ATWS-4130	158.7	158.8	Left	375	125	1.1	AG,OL	Road, Waterbody and Wetland Crossing
Sandusky	ATWS-1260	158.8	159.0	Left	888	25	0.5	AG	Topsoil Segregation
Sandusky	ATWS-4501	159.0	159.0	Left	15	75	0	AG,ID	Road Crossing
Sandusky	ATWS-901	159.0	159.0	Left	124	75	0.2	AG	Road Crossing
Sandusky	ATWS-900	159.0	159.0	Left	156	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1941	159.0	159.3	Left	1,378	25	0.8	AG	Topsoil Segregation
Sandusky	ATWS-1943	159.4	159.4	Left	97	50	0.1	AG	Existing Pipeline Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Sandusky	ATWS-349	159.4	159.4	Left	262	125	0.8	AG	Bend Installation and Rail Crossing
Sandusky	ATWS-902	159.4	159.5	Left	390	125	1.1	FW	Rail Crossing
Sandusky	ATWS-3587	159.5	159.6	Left	261	25	0.2	FW,OL	Bend Installation
Sandusky	ATWS-904	159.7	159.7	Left	150	75	0.3	FW	Road Crossing
Sandusky	ATWS-903	159.7	159.8	Left	680	75	1.2	AG,ID,FW	Road and Wetland Crossing
Sandusky	ATWS-350	160.2	160.3	Left	395	125	1.1	OL	Road Crossing
Sandusky	ATWS-351	160.2	160.3	Left	403	75	0.7	AG,ID	Road Crossing
Sandusky	ATWS-1262	160.3	160.6	Left	1,597	25	0.9	AG	Road Crossing
Sandusky	ATWS-3672	160.6	160.7	Left	278	75	0.5	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-3671	160.8	160.9	Left	168	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1939	160.9	161.0	Left	1,013	25	0.6	AG	Topsoil Segregation
Sandusky	ATWS-352	161.0	161.1	Left	250	75	0.4	AG,ID	Road Crossing
Sandusky	ATWS-353	161.1	161.1	Left	201	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-1263	161.1	161.2	Left	584	25	0.3	AG	Topsoil Segregation
Sandusky	ATWS-530	161.2	161.3	Left	122	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-531	161.3	161.3	Left	124	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Sandusky	ATWS-1938	161.3	161.8	Left	2,455	25	1.4	AG	Topsoil Segregation
Sandusky	ATWS-906	161.8	161.8	Left	293	50	0.3	AG	Bend Installation and Topsoil Segregation
Sandusky	ATWS-2174	161.8	161.8	Left	273	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-3670	161.9	161.9	Right	167	50	0.2	AG,OL	Road and Waterbody Crossing
Sandusky	ATWS-907	161.9	161.9	Left	162	75	0.3	AG,OL	Road and Waterbody Crossing
Sandusky	ATWS-908	161.9	161.9	Left	176	75	0.3	AG,ID	Road Crossing
Sandusky	ATWS-3609	161.9	161.9	Right	169	50	0.2	AG,ID,OL	Road Crossing
Sandusky	ATWS-1937	161.9	162.3	Left	1,781	25	1	AG,OL	Topsoil Segregation
Sandusky	ATWS-4352	162.0	162.3	Left	1,908	100	4.3	AG,OL	HDD Pull Back String
Sandusky	ATWS-3579	162.3	162.4	Right	473	75	0.8	AG,ID,OL	HDD Exit Location
Sandusky	ATWS-915	162.3	162.4	Left	620	165	0.9	AG,OL	HDD Exit Location
Sandusky	ATWS-4527	162.4	162.4	Right	102	25	0.1	AG	Access To Hydrostatic Test Water
Sandusky	ATWS-4132	162.6	162.7	Right	504	100	1.2	AG,ID	HDD Entry Location
Sandusky	ATWS-4133	162.6	162.7	Left	537	50	0.6	AG,ID	HDD Entry Location
Sandusky	ATWS-4134	162.7	162.9	Right	823	60	1.1	AG	Wetland Crossing Drag Section
Sandusky	ATWS-1934	162.7	162.9	Left	727	25	0.4	AG	Topsoil Segregation
Sandusky	ATWS-4135	162.8	162.8	Right	100	55	0.1	AG	Access To Wetland Crossing Drag Section
Sandusky	ATWS-354	163.0	163.0	Right	163	125	0.5	OL	Road, Wetland and Existing Pipeline Crossing
Sandusky	ATWS-4136	163.1	163.1	Right	200	100	0.5	AG	Road and Wetland Crossing
Sandusky	ATWS-1265	163.1	163.2	Right	317	25	0.2	AG	Topsoil Segregation
Sandusky	ATWS-3471	163.2	163.2	Right	190	50	0.2	AG	Existing Pipeline Crossing
Sandusky	ATWS-918	163.2	163.3	Right	219	50	0.3	AG	Existing Pipeline Crossing
Sandusky	ATWS-1267	163.5	163.6	Right	449	75	0.8	AG	Wetland Crossing and Topsoil Segregation
Sandusky	ATWS-920	163.6	163.7	Right	515	180	1	AG,OL,RE	Bend Installation and Road and Wetland Crossing
Wood	ATWS-921	163.7	163.8	Left	440	75	0.8	AG,ID,OL	Road, Waterbody and Wetland Crossing
Wood	ATWS-4137	163.7	163.8	Right	314	70	0.3	OL	Waterbody and Existing Pipeline Crossing
Wood	ATWS-923	163.8	163.9	Right	148	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Wood	ATWS-3581	163.8	163.8	Left	108	50	0.1	AG,OL	Waterbody Crossing
Wood	ATWS-1271	163.9	164.0	Right	688	25	0.4	AG	Topsoil Segregation
Wood	ATWS-2244	164.0	164.1	Right	583	25	0.3	AG	Topsoil Segregation
Wood	ATWS-2245	164.1	164.2	Right	665	25	0.4	AG,FW	Topsoil Segregation
Wood	ATWS-2246	164.2	164.3	Right	375	25	0.2	AG	Topsoil Segregation
Wood	ATWS-2220	164.3	164.4	Right	329	50	0.4	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-4138	164.3	164.4	Left	200	25	0.1	AG	Bend Installation
Wood	ATWS-2224	164.4	164.4	Right	175	25	0.1	AG	Topsoil Segregation
Wood	ATWS-924	164.4	164.5	Right	193	75	0.3	AG,ID,OL	Road Crossing
Wood	ATWS-3583	164.4	164.5	Left	231	50	0.3	AG,ID,OL	Road Crossing
Wood	ATWS-2223	164.5	164.5	Right	171	70	0.3	FW,OL	Road Crossing
Wood	ATWS-3582	164.5	164.5	Left	135	50	0.2	ID,OL	Road Crossing
Wood	ATWS-3193	164.6	164.6	Left	319	25	0.2	FW,OL	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Wood	ATWS-1273	164.7	164.7	Left	155	50	0.2	AG,FW	Waterbody and Wetland Crossing
Wood	ATWS-356	164.8	164.9	Left	477	75	0.8	ID,FW	Road and Wetland Crossing
Wood	ATWS-357	165.0	165.0	Left	220	75	0.4	AG,ID,OL	Road Crossing
Wood	ATWS-1933	165.0	165.4	Left	2,116	25	1.2	AG,OL	Topsoil Segregation
Wood	ATWS-926	165.4	165.5	Left	290	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1932	165.5	165.5	Left	121	75	0.2	AG	Wetland and Existing Pipeline Crossing
Wood	ATWS-3604	165.5	165.5	Right	133	50	0.2	AG	Wetland and Existing Pipeline Crossing and Topsoil Segregation
Wood	ATWS-933	165.5	165.5	Left	104	75	0.2	AG	Wetland and Existing Pipeline Crossing
Wood	ATWS-3584	165.5	165.5	Right	95	50	0.1	AG	Wetland and Existing Pipeline Crossing and Topsoil Segregation
Wood	ATWS-4140	165.5	165.5	Left	111	25	0.1	AG	Topsoil Segregation
Wood	ATWS-927	165.5	165.6	Right	313	25	0.2	AG	Bend Installation
Wood	ATWS-4139	165.5	165.6	Left	200	50	0.2	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-4141	165.6	165.6	Left	123	25	0.1	AG	Topsoil Segregation
Wood	ATWS-2897	165.6	165.6	Right	114	50	0.1	AG,OL	Topsoil Segregation and Waterbody Crossing
Wood	ATWS-928	165.6	165.6	Left	117	75	0.2	AG	Waterbody Crossing
Wood	ATWS-2898	165.6	165.6	Right	94	75	0.2	AG,OL	Topsoil Segregation and Waterbody Crossing
Wood	ATWS-929	165.6	165.6	Left	115	75	0.2	AG,OL	Waterbody Crossing
Wood	ATWS-1270	165.6	165.7	Left	352	25	0.2	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Wood	ATWS-930	165.8	165.9	Left	566	75	1	AG	Wetland Crossing and Topsoil Segregation
Wood	ATWS-1272	165.9	166.0	Left	670	25	0.4	AG,OL	Topsoil Segregation
Wood	ATWS-931	166.0	166.1	Left	181	75	0.3	OL	Road Crossing
Wood	ATWS-932	166.1	166.1	Left	186	75	0.3	ID,FW	Road Crossing
Wood	ATWS-934	166.3	166.5	Left	865	75	1.5	AG,OL	Waterbody and Wetland Crossing and Topsoil Segregation
Wood	ATWS-1275	166.5	166.5	Left	202	75	0.3	AG,FW	Waterbody and Wetland Crossing
Wood	ATWS-2903	166.7	166.8	Left	250	75	0.3	AG,FW,OL	Rail and Wetland Crossing
Wood	ATWS-4142	166.8	166.9	Left	395	125	1.1	AG	Rail, Waterbody and Wetland Crossing and Topsoil Segregation
Wood	ATWS-2902	166.9	167.1	Left	921	25	0.5	AG	Topsoil Segregation
Wood	ATWS-939	167.1	167.1	Left	290	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1929	167.1	167.1	Left	114	25	0.1	AG	Topsoil Segregation
Wood	ATWS-358	167.1	167.2	Right	175	50	0.2	AG,ID	Road Crossing
Wood	ATWS-3585	167.1	167.2	Left	172	75	0.3	AG	Road Crossing
Wood	ATWS-3586	167.2	167.2	Left	189	75	0.3	AG,ID	Road Crossing
Wood	ATWS-359	167.2	167.2	Right	187	50	0.2	AG,ID	Road Crossing
Wood	ATWS-940	167.2	167.3	Right	360	25	0.2	AG,OL	Bend Installation
Wood	ATWS-4143	167.2	167.2	Left	195	50	0.2	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1928	167.2	167.3	Left	245	25	0.1	AG	Topsoil Segregation
Wood	ATWS-941	167.3	167.3	Right	88	50	0.1	AG,OL	Waterbody Crossing
Wood	ATWS-4368	167.3	167.3	Left	319	75	0.5	AG,FW,OL	Waterbody Crossing and Topsoil Segregation
Wood	ATWS-942	167.3	167.5	Right	588	50	0.7	AG,FW,OL	Waterbody Crossing
Wood	ATWS-3588	167.4	167.4	Left	163	75	0.3	AG,FW,OL	Bend Installation and Waterbody Crossing
Wood	ATWS-3589	167.4	167.5	Left	483	50	0.6	AG,OL	Bend Installation and Topsoil Segregation
Wood	ATWS-1927	167.5	167.6	Left	819	25	0.5	AG	Topsoil Segregation
Wood	ATWS-3592	167.6	167.7	Left	295	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-3591	167.7	167.8	Left	286	25	0.2	AG	Topsoil Segregation
Wood	ATWS-2904	167.7	167.7	Right	88	50	0.1	AG	Existing Pipeline Crossing
Wood	ATWS-943	167.7	167.8	Right	326	75	0.3	AG,ID	Bend Installation and Road and Waterbody Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Wood	ATWS-4144	167.8	167.8	Left	192	50	0.2	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-360	167.8	167.8	Left	252	75	0.4	AG,ID	Road and Waterbody Crossing
Wood	ATWS-944	167.8	167.9	Left	287	75	0.5	AG	Road and Waterbody Crossing
Wood	ATWS-1926	167.9	168.2	Left	1,552	25	0.9	AG	Topsoil Segregation
Wood	ATWS-532	168.2	168.2	Left	128	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Wood	ATWS-361	168.3	168.4	Left	532	75	0.9	AG,ID,OL	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-2899	168.4	168.4	Left	369	75	0.6	AG	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-4145	168.4	168.5	Left	416	25	0.2	AG	Topsoil Segregation
Wood	ATWS-1276	168.4	168.5	Right	555	75	1	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1278	168.5	169.4	Right	4,413	25	2.5	AG	Topsoil Segregation
Wood	ATWS-363	169.4	169.4	Right	172	75	0.3	AG,RE	Road Crossing
Wood	ATWS-364	169.4	169.4	Right	190	75	0.3	AG,ID	Road Crossing
Wood	ATWS-1924	169.4	169.9	Right	2,288	25	1.3	AG	Topsoil Segregation
Wood	ATWS-4146	169.9	170.0	Right	800	75	1.4	AG	Wetland Crossing and Topsoil Segregation
Wood	ATWS-1280	170.2	170.4	Right	1,336	25	0.8	AG,FW	Topsoil Segregation
Wood	ATWS-366	170.4	170.4	Right	170	75	0.3	AG	Road and Waterbody Crossing
Wood	ATWS-367	170.4	170.5	Right	216	75	0.4	AG	Road and Waterbody Crossing
Wood	ATWS-2538	170.5	170.6	Right	337	50	0.4	AG	Existing Pipeline Crossing
Wood	ATWS-2539	170.6	170.6	Right	127	50	0.1	AG	Existing Pipeline Crossing
Wood	ATWS-1921	170.6	170.7	Right	533	25	0.3	AG	Topsoil Segregation
Wood	ATWS-1923	170.7	170.8	Right	200	25	0.1	AG,RE	Topsoil Segregation
Wood	ATWS-368	170.8	170.8	Right	191	75	0.3	AG,OL	Road and Waterbody Crossing
Wood	ATWS-369	170.8	170.9	Right	297	75	0.4	AG,ID	Road and Waterbody Crossing
Wood	ATWS-1920	170.9	171.1	Right	1,191	25	0.7	AG	Topsoil Segregation
Wood	ATWS-533	171.1	171.1	Right	129	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Wood	ATWS-534	171.1	171.2	Right	230	75	0.4	AG,OL	Waterbody Crossing and Topsoil Segregation
Wood	ATWS-1919	171.2	172.5	Right	7,209	25	4.1	AG,OL	Topsoil Segregation
Wood	ATWS-370	172.5	172.6	Right	258	75	0.4	AG,ID	Road and Wetland Crossing
Wood	ATWS-371	172.6	172.6	Right	185	75	0.3	AG	Road and Wetland Crossing
Wood	ATWS-1918	172.6	173.0	Right	1,795	25	1	AG,OL	Topsoil Segregation
Wood	ATWS-2177	173.0	173.3	Right	1,555	25	0.9	AG,FW,OL	Topsoil Segregation
Wood	ATWS-946	173.4	173.5	Right	163	50	0.2	FW	Road Crossing
Wood	ATWS-947	173.5	173.5	Right	179	75	0.3	ID,OL,RE	Road Crossing
Wood	ATWS-4147	173.6	173.8	Right	630	75	1.1	FW,OL	Wetland Crossing
Wood	ATWS-372	173.9	173.9	Right	208	125	0.6	OL	Rail and Wetland Crossing
Wood	ATWS-373	174.0	174.0	Right	300	125	0.9	AG	Rail and Waterbody Crossing
Wood	ATWS-1917	174.0	174.2	Right	978	25	0.6	AG	Topsoil Segregation
Wood	ATWS-3595	174.2	174.2	Right	99	50	0.1	AG	Existing Pipeline Crossing
Wood	ATWS-4148	174.2	174.3	Left	280	25	0.2	AG	Bend Installation and Existing Pipeline Crossing
Wood	ATWS-3594	174.2	174.3	Right	510	50	0.6	AG	Bend Installation
Wood	ATWS-3593	174.3	174.4	Right	644	25	0.4	AG	Topsoil Segregation
Wood	ATWS-374	174.4	174.5	Right	165	75	0.3	AG,ID	Road and Waterbody Crossing
Wood	ATWS-375	174.5	174.5	Right	132	75	0.2	AG	Road and Waterbody Crossing
Wood	ATWS-1916	174.5	175.0	Right	2,649	25	1.5	AG	Topsoil Segregation
Wood	ATWS-376	175.0	175.1	Right	409	125	1.2	AG,OL	Road Crossing
Wood	ATWS-4370	175.2	175.4	Left	1,361	25	0.8	AG	Bend Installation and Waterbody Crossing
Wood	ATWS-3003	175.2	175.3	Right	626	125	1.8	AG	Bend Installation and Road Crossing
Wood	ATWS-3596	175.3	175.4	Right	293	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1915	175.4	175.6	Left	626	25	0.4	AG	Bend Installation and Waterbody Crossing
Wood	ATWS-1913	175.5	175.6	Right	406	50	0.5	AG,ID	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-378	175.6	175.6	Left	170	75	0.3	AG,ID	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-379	175.6	175.6	Left	180	75	0.3	AG	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-3598	175.6	175.6	Right	179	50	0.2	AG	Bend Installation and Road and Waterbody Crossing
Wood	ATWS-4361	175.6	176.0	Left	2,013	25	1.2	AG	Topsoil Segregation
Wood	ATWS-1912	176.0	176.1	Right	293	25	0.2	AG	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Wood	ATWS-4149	176.0	176.0	Left	200	50	0.2	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-4374	176.0	176.2	Left	666	25	0.4	AG,OL	Topsoil Segregation
Wood	ATWS-1914	176.2	176.3	Left	783	25	0.4	AG	Topsoil Segregation
Wood	ATWS-948	176.3	176.4	Left	296	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1911	176.4	176.5	Left	730	25	0.4	AG	Topsoil Segregation
Wood	ATWS-380	176.5	176.6	Left	312	125	0.9	AG,ID,OL	Road Crossing
Wood	ATWS-381	176.6	176.7	Left	291	125	0.8	AG,ID	Road Crossing
Wood	ATWS-4369	176.7	176.9	Left	1,057	25	0.6	AG,RE	Topsoil Segregation
Wood	ATWS-1909	176.9	177.0	Left	830	25	0.5	AG,RE	Topsoil Segregation
Wood	ATWS-950	177.0	177.1	Left	321	50	0.4	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1283	177.1	177.1	Left	283	25	0.2	AG	Topsoil Segregation
Wood	ATWS-951	177.1	177.2	Right	320	50	0.4	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1284	177.2	177.3	Right	668	25	0.4	AG	Topsoil Segregation
Wood	ATWS-382	177.3	177.3	Right	174	75	0.3	AG,ID	Road and Waterbody Crossing
Wood	ATWS-383	177.3	177.4	Right	155	75	0.3	AG	Road and Waterbody Crossing
Wood	ATWS-1908	177.4	178.0	Right	3,607	25	2.1	AG	Topsoil Segregation
Wood	ATWS-384	178.0	178.1	Right	179	75	0.3	AG	Road and Waterbody Crossing
Wood	ATWS-385	178.1	178.1	Right	167	75	0.3	AG	Road and Waterbody Crossing
Wood	ATWS-1907	178.1	178.2	Right	648	25	0.4	AG	Topsoil Segregation
Wood	ATWS-4362	178.2	178.5	Right	1,385	25	0.8	AG	Topsoil Segregation
Wood	ATWS-1906	178.5	178.5	Right	166	75	0.3	AG	Spoil Storage for Private Gun Range Protective Earth Berms and Topsoil Segregation
Wood	ATWS-1905	178.6	178.6	Right	159	75	0.3	AG,OL	Spoil Storage for Private Gun Range Protective Earth Berms and Topsoil Segregation
Wood	ATWS-1904	178.6	178.9	Right	1,544	25	0.9	AG	Topsoil Segregation
Wood	ATWS-3601	178.9	179.0	Right	285	50	0.3	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-4283	178.9	178.9	Left	200	25	0.1	AG	Bend Installation
Wood	ATWS-3600	179.0	179.0	Right	522	25	0.3	AG	Topsoil Segregation
Wood	ATWS-2605	179.0	179.1	Left	313	75	0.5	AG,OL	Rail Crossing
Wood	ATWS-2604	179.0	179.1	Right	303	125	0.9	AG,OL	Rail Crossing
Wood	ATWS-2606	179.1	179.2	Right	298	125	0.9	AG	Rail Crossing
Wood	ATWS-2607	179.1	179.2	Left	292	75	0.5	AG	Rail Crossing
Wood	ATWS-1903	179.2	179.4	Right	1,446	25	0.8	AG	Topsoil Segregation
Wood	ATWS-3602	179.4	179.5	Left	287	50	0.3	AG,OL	Bend Installation and Topsoil Segregation
Wood	ATWS-4510	179.4	179.5	Right	204	75	0.4	AG,OL	HDD Pullback String
Wood	ATWS-4418	179.5	179.8	Right	1,409	50	1.6	AG,OL	HDD Exit Location
Wood	ATWS-4150	179.8	179.8	Right	352	125	1	AG	HDD Exit Location
Wood	ATWS-957	180.1	180.2	Left	615	175	2.2	AG	HDD Entry Location
Wood	ATWS-2900	180.1	180.2	Right	605	265	1.8	AG,FW	HDD Entry Location
Wood	ATWS-3603	180.2	180.3	Left	236	25	0.1	AG	Bend Installation
Wood	ATWS-960	180.2	180.3	Right	207	50	0.2	AG	Bend Installation and Topsoil Segregation
Wood	ATWS-1901	180.3	180.6	Right	1,698	25	1	AG	Topsoil Segregation
Wood	ATWS-4284	180.6	180.7	Right	225	50	0.3	AG,FW	Wetland Crossing and Topsoil Segregation
Wood	ATWS-962	180.7	180.8	Right	125	50	0.1	FW	Waterbody Crossing
Wood	ATWS-4151	180.8	180.8	Left	100	50	0.1	FW	Waterbody Crossing
Wood	ATWS-1287	180.8	180.9	Right	602	25	0.3	AG,ID	Topsoil Segregation
Wood	ATWS-963	180.9	181.0	Right	221	75	0.4	AG,OL	Road, Waterbody and Existing Pipeline Crossing
Wood	ATWS-3002	180.9	181.0	Left	143	50	0.2	AG,OL	Road, Waterbody and Existing Pipeline Crossing
Wood	ATWS-3007	181.0	181.0	Left	257	50	0.3	AG,ID,OL	Road, Waterbody and Existing Pipeline Crossing
Wood	ATWS-964	181.0	181.0	Right	179	75	0.3	AG,ID,OL	Road, Waterbody and Existing Pipeline Crossing
Wood	ATWS-1900	181.0	181.1	Right	461	25	0.3	AG	Topsoil Segregation
Wood	ATWS-2063	181.1	181.2	Left	602	100	1.4	AG,ID	HDD Entry Location
Wood	ATWS-4152	181.1	181.2	Right	439	125	1.3	AG,ID	HDD Entry Location
Wood	ATWS-4435	181.3	181.4	Right	414	25	0.2	AG,FW,OW	Access To Hydrostatic Test Water
Lucas	ATWS-3674	181.9	182.1	Left	1,208	50	1.4	AG,OL	HDD Exit Location
Lucas	ATWS-2077	181.9	182.0	Right	595	100	1.4	AG	HDD Exit Location
Lucas	ATWS-2643	182.0	182.1	Right	607	75	1	AG,OL	HDD Pull Back String and Rail Trail Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lucas	ATWS-2656	182.1	182.5	Left	1,892	25	1.1	AG	HDD Pull Back String
Lucas	ATWS-2642	182.1	182.7	Right	2,966	25	1.7	AG	Topsoil Segregation
Lucas	ATWS-1062	182.5	182.8	Right	1,582	100	3.6	AG	HDD Pull Back String
Lucas	ATWS-3676	182.7	182.7	Left	91	50	0.1	AG,OL	Waterbody Crossing
Lucas	ATWS-2640	182.7	182.7	Right	137	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-3677	182.7	182.8	Left	126	50	0.1	AG,OL	Waterbody Crossing
Lucas	ATWS-2639	182.7	182.8	Right	95	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-2638	182.8	183.1	Right	1,861	25	1.1	AG	Topsoil Segregation
Lucas	ATWS-398	183.1	183.1	Left	177	50	0.2	AG	Road Crossing
Lucas	ATWS-2637	183.1	183.1	Right	164	75	0.3	AG	Road Crossing
Lucas	ATWS-673	183.1	183.2	Right	187	75	0.3	AG,ID	Road Crossing
Lucas	ATWS-3008	183.1	183.2	Left	175	50	0.2	AG,ID	Road Crossing
Lucas	ATWS-1898	183.2	183.2	Right	217	25	0.1	AG	Topsoil Segregation
Lucas	ATWS-4285	183.2	183.3	Right	325	125	0.9	AG	Road and Waterbody Crossing
Lucas	ATWS-3678	183.2	183.3	Left	184	75	0.3	AG	Waterbody Crossing
Lucas	ATWS-675	183.3	183.3	Right	146	75	0.3	AG	Bend Installation and Waterbody and Wetland Crossing
Lucas	ATWS-676	183.3	183.3	Left	241	75	0.4	AG	Bend Installation and Waterbody and Wetland Crossing
Lucas	ATWS-3680	183.4	183.4	Right	175	125	0.3	AG,ID,OL	Road and Waterbody Crossing
Lucas	ATWS-3679	183.4	183.4	Left	340	50	0.4	AG	Road and Waterbody Crossing
Lucas	ATWS-3681	183.6	183.6	Left	123	50	0.1	AG	Waterbody Crossing
Lucas	ATWS-2202	183.6	183.6	Right	90	75	0.2	AG	Waterbody Crossing
Lucas	ATWS-1286	183.6	183.7	Right	489	25	0.3	AG	Topsoil Segregation
Lucas	ATWS-4153	183.7	183.7	Left	106	50	0.1	AG	Waterbody Crossing
Lucas	ATWS-2203	183.7	183.7	Right	132	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4154	183.7	183.7	Left	130	50	0.1	AG	Waterbody Crossing
Lucas	ATWS-2204	183.7	183.7	Right	93	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-1897	183.7	184.1	Right	1,863	25	1.1	AG	Topsoil Segregation
Lucas	ATWS-4155	184.1	184.1	Left	138	50	0.2	AG	Waterbody Crossing
Lucas	ATWS-1063	184.1	184.1	Right	94	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-2201	184.1	184.1	Right	135	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4156	184.1	184.2	Left	468	50	0.5	AG	Bend Installation and Waterbody Crossing
Lucas	ATWS-2200	184.1	184.2	Right	243	25	0.1	AG	Topsoil Segregation
Lucas	ATWS-400	184.2	184.3	Left	196	75	0.3	AG,ID	Road Crossing
Lucas	ATWS-401	184.3	184.3	Left	194	75	0.3	AG,ID	Road Crossing
Lucas	ATWS-1895	184.3	184.7	Left	2,310	25	1.3	AG	Topsoil Segregation
Lucas	ATWS-535	184.7	184.8	Left	177	75	0.3	AG,ID	Road Crossing
Lucas	ATWS-536	184.8	184.8	Left	182	75	0.3	AG,ID,OL	Road Crossing
Lucas	ATWS-1288	184.8	185.1	Left	1,590	25	0.9	AG	Topsoil Segregation
Lucas	ATWS-1064	185.1	185.2	Right	271	50	0.3	AG	Bend Installation and Topsoil Segregation
Lucas	ATWS-966	185.1	185.2	Left	529	50	0.6	AG	Bend Installation and Topsoil Segregation
Lucas	ATWS-1187	185.2	185.2	Right	256	25	0.1	AG	Topsoil Segregation
Lucas	ATWS-2029	185.2	185.3	Right	344	75	0.6	AG	Road and Waterbody Crossing
Lucas	ATWS-2205	185.2	185.3	Left	351	75	0.6	AG,ID	Road and Waterbody Crossing
Lucas	ATWS-2030	185.3	185.3	Right	243	75	0.4	AG,ID	Road and Waterbody Crossing
Lucas	ATWS-3683	185.3	185.3	Left	195	75	0.3	AG,ID,OL	Road and Waterbody Crossing
Lucas	ATWS-1192	185.3	185.8	Right	2,571	25	1.5	AG	Topsoil Segregation
Lucas	ATWS-4157	185.8	185.9	Left	403	25	0.2	AG	Bend Installation
Lucas	ATWS-4158	185.8	185.9	Right	301	50	0.3	AG	Bend Installation and Topsoil Segregation
Lucas	ATWS-4372	185.9	186.3	Right	2,045	25	1.2	AG	Topsoil Segregation
Lucas	ATWS-3009	186.3	186.3	Left	128	50	0.1	AG,ID	Road Crossing
Lucas	ATWS-404	186.3	186.3	Right	121	75	0.2	AG,ID	Road Crossing
Lucas	ATWS-3010	186.3	186.3	Left	123	50	0.1	AG,ID,OL	Road Crossing
Lucas	ATWS-405	186.3	186.3	Right	125	75	0.2	AG,ID,OL	Road Crossing
Lucas	ATWS-2101	186.3	186.6	Right	1,490	25	0.9	AG	Topsoil Segregation
Lucas	ATWS-967	186.4	186.4	Left	321	25	0.2	AG	Bend Installation
Lucas	ATWS-4408	186.5	186.5	Left	200	50	0.2	AG	Waterbody Crossing
Lucas	ATWS-4159	186.6	186.6	Left	250	50	0.3	AG	Waterbody Crossing
Lucas	ATWS-1066	186.6	186.6	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lucas	ATWS-1195	186.7	187.3	Right	3,271	25	1.9	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4286	187.0	187.1	Left	200	25	0.1	AG	Bend Installation
Lucas	ATWS-1068	187.3	187.3	Right	147	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-3004	187.3	187.3	Left	168	50	0.2	AG	Road and Waterbody Crossing
Lucas	ATWS-1018	187.3	187.4	Right	208	75	0.4	AG,ID	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-3005	187.3	187.4	Left	198	50	0.2	AG,ID,OL	Road and Waterbody Crossing
Lucas	ATWS-2102	187.4	187.4	Right	314	25	0.2	AG	Topsoil Segregation
Lucas	ATWS-4163	187.4	187.5	Left	186	50	0.2	AG	Waterbody Crossing
Lucas	ATWS-4162	187.4	187.4	Right	119	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4161	187.5	187.5	Right	159	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4160	187.5	187.5	Left	103	50	0.1	AG	Waterbody Crossing
Lucas	ATWS-2103	187.5	187.6	Right	753	25	0.4	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-968	187.5	187.5	Left	302	25	0.2	AG	Bend Installation
Lucas	ATWS-4287	187.7	187.7	Left	200	75	0.3	AG	Waterbody Crossing
Lucas	ATWS-4288	187.7	187.7	Right	200	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-2104	187.7	187.8	Right	492	25	0.3	AG	Topsoil Segregation
Lucas	ATWS-969	187.8	187.8	Right	202	75	0.3	AG,ID,OL	Road Crossing
Lucas	ATWS-4261	187.9	187.9	Right	245	75	0.4	AG	Road Crossing
Lucas	ATWS-1189	187.9	188.1	Right	636	25	0.4	AG	Topsoil Segregation
Lucas	ATWS-1070	188.1	188.1	Right	178	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4165	188.1	188.1	Left	188	50	0.2	AG	Waterbody Crossing
Lucas	ATWS-2657	188.1	188.2	Right	177	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-4164	188.1	188.2	Left	114	50	0.1	AG	Waterbody Crossing
Lucas	ATWS-1191	188.2	188.4	Right	1,091	25	0.6	AG,ID,OL	Topsoil Segregation
Lucas	ATWS-971	188.3	188.4	Left	189	75	0.3	AG,ID,OL	Road Crossing
Lucas	ATWS-972	188.4	188.4	Left	184	75	0.3	AG,ID,OL	Road Crossing
Lucas	ATWS-2651	188.4	188.8	Right	2,430	25	1.4	AG,ID,OL,RE	Waterbody Crossing and Topsoil Segregation
Lucas	ATWS-973	188.6	188.7	Left	302	25	0.2	AG	Bend Installation
Lucas	ATWS-3006	188.8	188.9	Left	193	50	0.2	AG	Road Crossing
Lucas	ATWS-974	188.8	188.9	Right	160	75	0.3	AG	Road Crossing
Lucas	ATWS-975	188.9	188.9	Right	242	75	0.4	AG,ID	Road Crossing
Lucas	ATWS-4166	188.9	189.0	Left	727	75	1.3	AG,ID,FW	Bend Installation and Road and Wetland Crossing and Topsoil Segregation
Lucas	ATWS-976	188.9	188.9	Right	326	50	0.4	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Lucas	ATWS-2907	189.1	189.1	Right	105	50	0.1	AG,OL	Wetland Crossing and Topsoil Segregation
Lucas	ATWS-1190	189.2	189.3	Right	323	25	0.2	AG	Topsoil Segregation
Lucas	ATWS-3011	189.2	189.3	Left	394	75	0.7	AG,ID	Wetland and Road Crossing
Lucas	ATWS-977	189.3	189.3	Right	153	75	0.3	AG,ID,RE	Road Crossing
Henry	ATWS-4167	189.3	189.3	Left	78	50	0.1	ID,RE	Road Crossing
Henry	ATWS-4169	189.3	189.4	Right	169	25	0.1	AG,OL,RE	Bend Installation and Road and Wetland Crossing
Henry	ATWS-4168	189.4	189.4	Left	283	25	0.2	AG	Bend Installation and Wetland Crossing and Topsoil Segregation
Henry	ATWS-4478	189.4	189.4	Right	240	75	0.4	AG	Road and Wetland Crossing
Henry	ATWS-1188	189.4	189.5	Right	150	75	0.3	AG	Waterbody and Wetland Crossing and Topsoil Segregation
Henry	ATWS-4289	189.4	189.5	Left	109	50	0.1	AG	Waterbody Crossing
Henry	ATWS-4290	189.5	189.5	Left	123	50	0.1	AG	Waterbody and Wetland Crossing
Henry	ATWS-2106	189.5	189.5	Right	301	25	0.2	AG,FW	Topsoil Segregation
Henry	ATWS-979	189.5	189.5	Left	168	25	0.1	AG,FW	Bend Installation
Henry	ATWS-4171	189.6	189.7	Right	107	50	0.1	FW	Waterbody Crossing
Henry	ATWS-4173	189.7	189.7	Right	100	50	0.1	FW	Waterbody Crossing
Henry	ATWS-4172	189.7	189.7	Left	100	50	0.1	FW	Waterbody Crossing
Henry	ATWS-2032	189.8	190.0	Left	831	50	1	AG,FW,OL	Wetland and Existing Pipeline Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Henry	ATWS-2034	189.8	190.0	Right	643	75	1.1	AG,OL	Wetland and Existing Pipeline Crossing.
Henry	ATWS-4174	190.0	190.0	Left	97	50	0.1	FW,OL	Wetland and Existing Pipeline Crossing
Henry	ATWS-2648	190.1	190.2	Right	474	50	0.5	AG	Waterbody and Wetland Crossing
Henry	ATWS-4175	190.1	190.2	Left	120	50	0.1	AG	Waterbody and Wetland Crossing
Henry	ATWS-2650	190.2	190.2	Right	173	95	0.2	AG,ID,OL	Road, Wetland and Waterbody Crossing
Henry	ATWS-2649	190.2	190.2	Left	247	75	0.4	AG,OL	Road, Wetland and Waterbody Crossing
Fulton	ATWS-981	190.2	190.3	Right	431	75	0.7	AG,ID	Road, Wetland and Waterbody Crossing
Fulton	ATWS-3013	190.2	190.3	Left	216	75	0.4	AG,ID	Road, Wetland and Waterbody Crossing
Fulton	ATWS-2108	190.3	190.5	Right	955	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-983	190.5	190.5	Right	205	75	0.4	AG,ID	Road Crossing
Fulton	ATWS-984	190.5	190.5	Right	216	75	0.4	AG,ID	Road Crossing
Fulton	ATWS-2109	190.5	190.7	Right	640	25	0.4	AG	Topsoil Segregation
Fulton	ATWS-985	190.7	190.7	Right	257	50	0.3	AG	Bend Installation and Topsoil Segregation
Fulton	ATWS-4176	190.7	190.7	Left	314	25	0.2	AG	Bend Installation
Fulton	ATWS-1201	190.7	190.9	Right	662	25	0.4	AG	Topsoil Segregation
Fulton	ATWS-4263	190.9	190.9	Left	130	50	0.1	AG	Waterbody Crossing
Fulton	ATWS-1073	190.9	190.9	Right	137	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4439	190.9	190.9	Right	158	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1072	190.9	191.0	Right	147	50	0.2	AG,OL	Waterbody Crossing
Fulton	ATWS-4437	190.9	191.0	Right	622	25	0.4	AG	Topsoil Segregation
Fulton	ATWS-1197	191.0	191.0	Left	441	25	0.3	AG	Bend Installation
Fulton	ATWS-2579	191.0	191.1	Left	117	50	0.1	AG,OL	Waterbody Crossing
Fulton	ATWS-1074	191.0	91.1	Right	143	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-2578	191.1	191.1	Left	109	50	0.1	AG,OL	Waterbody Crossing
Fulton	ATWS-4438	191.1	191.1	Right	130	75	0.2	AG,OL	Waterbody Crossing
Fulton	ATWS-1199	191.1	191.5	Right	1,731	25	1	AG	Topsoil Segregation
Fulton	ATWS-986	191.2	191.3	Left	303	25	0.2	AG	Bend Installation
Fulton	ATWS-987	191.5	191.5	Right	134	75	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-4177	191.5	191.5	Left	276	50	0.3	AG,ID,OL	Road Crossing
Fulton	ATWS-988	191.5	191.5	Right	33	100	0.1	AG,ID	Road Crossing
Fulton	ATWS-4509	191.5	191.5	Right	50	75	0.1	AG	Road Crossing
Fulton	ATWS-4264	191.5	191.5	Left	114	50	0.1	AG,ID	Road and Wetland Crossing
Fulton	ATWS-4265	191.5	191.6	Right	659	25	0.4	AG	Topsoil Segregation
Fulton	ATWS-1200	191.7	192.0	Right	1,727	25	1	AG,OL	Topsoil Segregation
Fulton	ATWS-2112	192.0	192.0	Right	157	25	0.1	AG	Topsoil Segregation
Fulton	ATWS-2113	192.0	192.2	Right	1,151	25	0.7	AG	Topsoil Segregation
Fulton	ATWS-4291	192.0	192.1	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-1019	192.2	192.3	Right	119	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4179	192.3	192.3	Left	100	50	0.1	AG,OL	Waterbody Crossing
Fulton	ATWS-1022	192.3	192.3	Right	118	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-3017	192.3	192.3	Left	129	50	0.1	AG,ID,OL	Road and Waterbody Crossing
Fulton	ATWS-1198	192.3	192.3	Right	108	25	0.1	AG	Topsoil Segregation
Fulton	ATWS-3018	192.3	192.4	Left	250	50	0.3	AG,ID,OL	Road Crossing
Fulton	ATWS-991	192.3	192.4	Right	130	75	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-992	192.3	192.4	Right	144	75	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-2206	192.4	192.5	Right	698	25	0.4	AG	Topsoil Segregation
Fulton	ATWS-4292	192.5	192.6	Left	363	50	0.4	AG	Bend Installation and Topsoil Segregation
Fulton	ATWS-1205	192.6	192.7	Left	992	25	0.6	AG	Topsoil Segregation
Fulton	ATWS-1021	192.7	192.8	Left	123	75	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-3012	192.7	192.8	Right	129	50	0.1	AG,ID,OL	Road Crossing
Fulton	ATWS-1020	192.8	192.8	Left	100	75	0.2	AG,ID	Road Crossing
Fulton	ATWS-3014	192.8	192.8	Right	87	50	0.1	AG,ID	Road Crossing
Fulton	ATWS-2114	192.8	193.1	Left	1,794	25	1	AG,OL	Topsoil Segregation
Fulton	ATWS-1024	193.1	193.2	Left	163	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1023	193.2	193.3	Left	298	75	0.5	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1075	193.6	193.7	Left	269	25	0.2	FW	Bend Installation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Fulton	ATWS-2646	193.8	193.8	Left	289	75	0.5	ID,OL,RE	Road and Wetland Crossing and Bend/ Fitting
Fulton	ATWS-1025	193.8	193.8	Right	90	75	0.2	ID,OL,RE	Road Crossing
Fulton	ATWS-4293	193.8	193.8	Left	150	50	0.1	AG,ID	Road and Waterbody Crossing
Fulton	ATWS-1076	193.8	193.9	Right	346	75	0.6	AG,ID	Road and Waterbody Crossing
Fulton	ATWS-4294	193.9	193.9	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1215	193.9	194.8	Right	4,822	25	2.8	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4180	194.1	194.1	Left	300	25	0.2	AG	Bend Installation
Fulton	ATWS-4181	194.3	194.4	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-1078	194.8	194.8	Left	151	75	0.3	AG	Road Crossing
Fulton	ATWS-2659	194.8	194.9	Left	149	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-4419	194.8	194.9	Right	142	75	0.2	AG,ID	Road Crossing
Fulton	ATWS-2100	194.9	194.9	Right	573	25	0.3	AG	Road Crossing
Fulton	ATWS-1027	194.9	194.9	Left	210	25	0.1	AG	Bend Installation
Fulton	ATWS-2660	194.9	195.0	Left	95	75	0.2	AG	Waterbody Crossing
Fulton	ATWS-1028	194.9	195.0	Right	129	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4182	195.0	195.0	Left	174	50	0.2	AG	Waterbody Crossing
Fulton	ATWS-1029	195.0	195.0	Right	128	75	0.2	AG,FW	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1209	195.0	195.1	Right	503	25	0.3	AG	Topsoil Segregation
Fulton	ATWS-4183	195.1	195.2	Right	267	25	0.2	AG	Topsoil Segregation
Fulton	ATWS-1079	195.2	195.2	Right	133	75	0.2	AG	Waterbody Crossing
Fulton	ATWS-1080	195.2	195.3	Right	152	75	0.3	AG,OL	Waterbody Crossing
Fulton	ATWS-1081	195.3	195.3	Left	265	25	0.2	AG	Waterbody Crossing
Fulton	ATWS-1213	195.3	195.5	Right	1,428	25	0.8	AG,FW	Topsoil Segregation
Fulton	ATWS-4295	195.4	195.4	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-4296	195.5	195.5	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-1031	195.5	195.6	Right	195	75	0.3	AG,ID	Bend Installation and Road Crossing
Fulton	ATWS-3015	195.6	195.6	Left	159	50	0.2	AG,ID	Road Crossing
Fulton	ATWS-1030	195.6	195.7	Right	267	75	0.5	AG,ID	Road Crossing
Fulton	ATWS-3016	195.6	195.7	Left	265	50	0.3	AG,ID	Road Crossing
Fulton	ATWS-2116	195.7	195.8	Right	940	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-4297	195.8	195.9	Left	160	50	0.2	AG	Waterbody Crossing
Fulton	ATWS-1033	195.8	195.9	Right	132	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1032	195.9	195.9	Right	139	75	0.2	AG,OL	Bend Installation and Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4184	195.9	195.9	Left	333	50	0.4	AG	Bend Installation and Waterbody Crossing
Fulton	ATWS-994	195.9	196.0	Right	139	50	0.2	AG	Bend Installation and Topsoil Segregation
Fulton	ATWS-1212	196.0	196.2	Right	1,416	25	0.8	AG	Topsoil Segregation
Fulton	ATWS-995	196.2	196.2	Left	189	25	0.1	AG	Bend Installation
Fulton	ATWS-2636	196.2	196.2	Left	150	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-997	196.2	196.2	Right	148	75	0.3	AG,ID,OL	Road Crossing
Fulton	ATWS-996	196.2	196.3	Right	153	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-4185	196.2	196.3	Left	150	50	0.2	AG,ID,RE	Road Crossing
Fulton	ATWS-2117	196.3	196.3	Right	310	25	0.2	AG	Topsoil Segregation
Fulton	ATWS-999	196.3	196.4	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4186	196.3	196.4	Left	148	50	0.2	AG,OL	Waterbody Crossing
Fulton	ATWS-998	196.4	196.4	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4187	196.4	196.4	Left	141	50	0.2	AG	Waterbody Crossing
Fulton	ATWS-1211	196.4	197.2	Right	4,350	25	2.5	AG	Topsoil Segregation
Fulton	ATWS-4188	197.1	197.1	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-1000	197.2	197.2	Right	106	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-2119	197.3	197.3	Right	195	75	0.3	AG,ID,RE	Road and Waterbody Crossing
Fulton	ATWS-3019	197.3	197.3	Left	164	50	0.2	AG,ID	Road and Waterbody Crossing
Fulton	ATWS-3020	197.3	197.3	Left	199	50	0.2	AG,ID	Road Crossing
Fulton	ATWS-1210	197.3	197.3	Right	200	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-2652	197.3	197.5	Right	798	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-4189	197.5	197.5	Left	104	50	0.1	AG	Waterbody Crossing
Fulton	ATWS-2653	197.5	197.5	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-2118	197.5	197.5	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Approximate Dimensions ^a			ATWS Acres Affected ^b	Existing Land Use ^c	Justification
				Side of Work Area	Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Fulton	ATWS-4190	197.5	197.5	Left	100	50	0.1	AG	Waterbody Crossing
Fulton	ATWS-2654	197.5	197.8	Right	1,345	25	0.8	AG	Topsoil Segregation
Fulton	ATWS-4298	197.8	197.8	Left	151	25	0.1	AG	Bend Installation
Fulton	ATWS-1007	197.8	197.8	Left	230	100	0.5	AG	Rail and Wetland Crossing
Fulton	ATWS-2037	197.8	197.8	Right	280	125	0.8	AG	Rail and Wetland Crossing
Fulton	ATWS-1005	197.9	197.9	Left	314	100	0.7	AG	Rail and Waterbody Crossing
Fulton	ATWS-2038	197.9	197.9	Right	304	125	0.9	AG	Rail and Waterbody Crossing
Fulton	ATWS-1216	197.9	198.3	Right	1,878	25	1.1	AG	Topsoil Segregation
Fulton	ATWS-4300	198.1	198.1	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-4192	198.3	198.3	Left	152	50	0.2	AG,ID	Road Crossing
Fulton	ATWS-1009	198.3	198.3	Right	150	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-4191	198.3	198.3	Left	151	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-1008	198.3	198.3	Right	150	75	0.3	AG,OL	Road Crossing
Fulton	ATWS-2120	198.3	198.6	Right	1,286	25	0.7	AG	Topsoil Segregation
Fulton	ATWS-1010	198.6	198.6	Right	153	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4194	198.6	198.6	Left	150	75	0.3	AG	Waterbody Crossing
Fulton	ATWS-1011	198.6	198.7	Right	172	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4195	198.7	198.7	Left	195	50	0.2	AG	Waterbody Crossing
Fulton	ATWS-2655	198.7	199.0	Right	1,663	25	1	AG	Topsoil Segregation
Fulton	ATWS-1034	199.0	199.0	Right	341	75	0.6	AG,OL	Road Crossing
Fulton	ATWS-1082	199.0	199.0	Left	257	125	0.7	AG,OL	Road Crossing
Fulton	ATWS-1035	199.1	199.2	Right	394	85	0.8	AG	Road and Waterbody Crossing
Fulton	ATWS-1083	199.1	199.2	Left	395	115	1.1	AG	Road and Waterbody Crossing
Fulton	ATWS-2122	199.2	199.3	Right	484	25	0.3	AG	Topsoil Segregation
Fulton	ATWS-3022	199.3	199.3	Left	200	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-1013	199.3	199.3	Right	200	75	0.3	AG,ID,OL,RE	Road Crossing
Fulton	ATWS-3021	199.3	199.3	Left	202	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-1012	199.3	199.3	Right	201	75	0.3	AG,OL	Road Crossing
Fulton	ATWS-1014	199.3	199.4	Right	311	50	0.4	AG	Bend Installation and Topsoil Segregation
Fulton	ATWS-4303	199.4	199.4	Left	200	25	0.1	AG	Bend Installation
Fulton	ATWS-2124	199.4	200.0	Right	2,959	25	1.7	AG	Topsoil Segregation
Fulton	ATWS-1016	200.0	200.0	Right	135	75	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-3024	200.0	200.0	Left	245	50	0.3	AG,ID,OL	Road Crossing
Fulton	ATWS-1015	200.0	200.1	Right	267	75	0.5	AG,ID,OL	Road Crossing
Fulton	ATWS-3023	200.0	200.1	Left	164	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-1217	200.1	200.7	Right	3,669	25	2.1	AG	Topsoil Segregation
Fulton	ATWS-1017	200.7	200.7	Left	361	25	0.2	AG	Bend Installation
Fulton	ATWS-539	200.7	200.8	Right	146	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-444	200.8	200.9	Right	419	75	0.7	AG,ID,RE	Road and Waterbody Crossing
Fulton	ATWS-445	200.9	200.9	Right	197	75	0.3	ID,RE	Road Crossing
Fulton	ATWS-2186	200.9	200.9	Right	97	25	0.1	RE	Topsoil Segregation
Fulton	ATWS-2185	201.0	201.4	Right	2,136	25	1.2	AG	Topsoil Segregation
Fulton	ATWS-1214	201.4	201.6	Right	1,067	25	0.6	AG	Topsoil Segregation
Fulton	ATWS-1036	201.5	201.6	Left	578	25	0.3	AG	Bend Installation
Fulton	ATWS-1038	201.6	201.6	Left	222	75	0.4	AG,ID	Road Crossing
Fulton	ATWS-1037	201.6	201.7	Left	200	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-1218	201.7	201.8	Left	840	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-1084	201.7	201.9	Right	610	50	0.7	AG	Topsoil Segregation and Bend/Fitting
Fulton	ATWS-1222	201.9	202.1	Right	1,313	25	0.8	AG	Topsoil Segregation
Fulton	ATWS-1040	202.1	202.1	Right	150	75	0.3	AG	Waterbody and Wetland Crossing
Fulton	ATWS-1039	202.2	202.2	Right	150	75	0.3	AG	Waterbody and Existing Pipeline Crossing
Fulton	ATWS-2126	202.2	202.6	Right	2,399	25	1.4	AG	Topsoil Segregation
Fulton	ATWS-516	202.6	202.7	Right	200	75	0.3	AG	Road and Waterbody Crossing
Fulton	ATWS-1041	202.7	202.7	Right	235	75	0.4	AG,OL	Road and Waterbody Crossing
Fulton	ATWS-1224	202.7	203.2	Right	2,464	25	1.4	AG	Topsoil Segregation
Fulton	ATWS-4496	203.2	203.4	Right	926	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-1043	203.4	203.4	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1042	203.4	203.5	Right	158	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1221	203.5	203.7	Right	1,251	25	0.7	AG	Topsoil Segregation
Fulton	ATWS-446	203.7	203.8	Right	257	75	0.4	AG,ID	Road and Waterbody Crossing
Fulton	ATWS-447	203.8	203.8	Right	281	75	0.5	AG	Road and Waterbody Crossing
Fulton	ATWS-1045	203.9	203.9	Right	384	75	0.7	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Fulton	ATWS-1044	203.9	204.0	Right	167	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1223	204.0	204.4	Right	2,213	25	1.3	AG	Topsoil Segregation
Fulton	ATWS-4304	204.4	204.4	Left	199	25	0.1	AG	Bend Installation
Fulton	ATWS-1046	204.4	204.4	Right	157	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-4305	204.4	204.5	Left	258	50	0.3	AG,ID	Road Crossing
Fulton	ATWS-1047	204.4	204.5	Right	378	75	0.7	AG,ID	Road Crossing
Fulton	ATWS-4306	204.5	204.5	Left	224	50	0.3	AG,ID	Road Crossing
Fulton	ATWS-2127	204.5	204.9	Right	2,000	25	1.1	AG	Topsoil Segregation
Fulton	ATWS-4307	204.9	204.9	Left	193	50	0.2	AG,ID	Bend Installation and Road Crossing
Fulton	ATWS-448	204.9	204.9	Right	324	75	0.6	AG,ID	Bend Installation and Road Crossing
Fulton	ATWS-4308	204.9	205.0	Left	200	50	0.2	AG,ID,OL	Road Crossing
Fulton	ATWS-1086	204.9	205.0	Right	201	75	0.3	AG,ID,OL	Road Crossing
Fulton	ATWS-1225	205.0	205.2	Right	970	25	0.6	AG	Topsoil Segregation
Fulton	ATWS-4309	205.2	205.2	Left	162	50	0.2	AG	Bend Installation and Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1049	205.2	205.2	Right	161	75	0.3	AG	Bend Installation and Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1048	205.2	205.2	Right	100	75	0.2	AG	Waterbody Crossing
Fulton	ATWS-4302	205.2	205.2	Left	114	50	0.1	AG	Waterbody Crossing
Fulton	ATWS-2128	205.2	205.4	Right	900	25	0.5	AG	Bend Installation
Fulton	ATWS-2093	205.2	205.6	Left	1,817	25	1	AG	Topsoil Segregation
Fulton	ATWS-1050	205.6	205.6	Left	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-2209	205.6	205.6	Left	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1226	205.6	205.9	Left	1,546	25	0.9	AG	Topsoil Segregation
Fulton	ATWS-2039	205.9	206.0	Left	200	75	0.3	AG,OL	Road and Waterbody Crossing
Fulton	ATWS-1087	206.0	206.0	Left	101	75	0.2	AG	Road and Waterbody Crossing
Fulton	ATWS-4502	206.0	206.0	Left	49	75	0.1	AG,ID,OL	Road Crossing
Fulton	ATWS-1227	206.0	206.2	Left	929	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-1088	206.2	206.2	Left	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-1089	206.2	206.3	Left	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-2094	206.3	206.9	Left	3,587	25	2.1	AG	Topsoil Segregation
Fulton	ATWS-1052	206.9	207.0	Left	200	75	0.3	AG,ID,OL	Road and Waterbody Crossing
Fulton	ATWS-1051	207.0	207.0	Left	223	75	0.4	AG	Road and Waterbody Crossing
Fulton	ATWS-2129	207.0	207.2	Left	804	25	0.5	AG	Topsoil Segregation
Fulton	ATWS-2909	207.2	207.2	Left	139	75	0.2	AG	Existing Pipeline Crossing and Topsoil Segregation
Fulton	ATWS-2040	207.3	207.3	Left	200	75	0.3	AG	Existing Pipeline Crossing and Topsoil Segregation
Fulton	ATWS-4311	207.3	207.3	Left	191	25	0.1	AG	Topsoil Segregation
Fulton	ATWS-4310	207.3	207.4	Left	150	75	0.3	AG	Wetland Crossing and Topsoil Segregation
Fulton	ATWS-1229	207.4	207.8	Left	2,322	25	1.3	AG	Topsoil Segregation
Fulton	ATWS-1054	207.8	207.8	Left	200	75	0.3	AG,ID	Road Crossing
Fulton	ATWS-1053	207.8	207.9	Left	171	75	0.3	ID,OL	Road and Waterbody Crossing
Fulton	ATWS-1055	207.9	207.9	Left	151	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Fulton	ATWS-4312	207.9	208.3	Left	2,189	25	1.3	AG	Topsoil Segregation
Mainline - Ohio Subtotal							1,073.9		
MICHIGAN									
Mainline									
Lenawee	ATWS-1232	208.3	208.7	Right	2,035	25	1.2	AG	Topsoil Segregation
Lenawee	ATWS-1057	208.7	208.7	Right	128	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4313	208.7	208.7	Left	132	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-1056	208.7	208.8	Right	135	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4314	208.7	208.8	Left	134	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-1230	208.8	208.9	Right	917	25	0.5	AG	Topsoil Segregation
Lenawee	ATWS-3026	208.9	209.0	Left	239	50	0.3	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-1671	208.9	209.0	Right	235	75	0.4	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lenawee	ATWS-1670	209.0	209.0	Right	172	75	0.3	AG,ID,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3025	209.0	209.0	Left	173	50	0.2	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-1672	209.0	209.9	Right	4,689	25	2.7	AG	Topsoil Segregation
Lenawee	ATWS-4315	209.6	209.7	Left	304	25	0.2	AG	Bend Installation
Lenawee	ATWS-678	209.9	210.0	Left	406	75	0.7	AG,OL	Rail, Road and Waterbody Crossing
Lenawee	ATWS-452	209.9	210.0	Right	472	75	0.8	AG,ID,OL,OW	Rail, Road and Waterbody Crossing
Lenawee	ATWS-453	210.0	210.1	Right	240	75	0.4	AG,OL	Bend Installation and Rail, Road and Waterbody Crossing
Lenawee	ATWS-2662	210.0	210.1	Left	417	100	1	AG,ID	Bend Installation and Rail, Road and Waterbody Crossing
Lenawee	ATWS-1673	210.1	211.0	Right	4,802	25	2.8	AG	Topsoil Segregation
Lenawee	ATWS-4316	210.4	210.4	Left	305	25	0.2	AG	Bend Installation
Lenawee	ATWS-3028	211.0	211.0	Left	150	50	0.2	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-454	211.0	211.0	Right	157	75	0.3	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-3027	211.0	211.0	Left	153	50	0.2	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-455	211.0	211.0	Right	151	75	0.3	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-1239	211.0	212.0	Right	5,098	25	2.9	AG	Topsoil Segregation
Lenawee	ATWS-3030	212.0	212.0	Left	167	50	0.2	AG	Road and Waterbody Crossing
Lenawee	ATWS-456	212.0	212.0	Right	167	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-457	212.0	212.1	Right	150	75	0.3	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-3029	212.0	212.1	Left	149	50	0.2	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-1235	212.1	213.0	Right	4,675	25	2.7	AG	Topsoil Segregation
Lenawee	ATWS-4317	212.7	212.8	Left	75	25	0	AG	Existing Pipeline Crossing
Lenawee	ATWS-2041	212.8	212.8	Left	75	25	0	AG	Existing Pipeline Crossing
Lenawee	ATWS-458	213.0	213.0	Right	200	75	0.3	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-3032	213.0	213.0	Left	197	50	0.2	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-459	213.0	213.0	Right	200	75	0.3	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-3031	213.0	213.0	Left	192	50	0.2	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-2088	213.0	213.5	Right	2,312	25	1.3	AG	Topsoil Segregation
Lenawee	ATWS-679	213.5	213.5	Right	140	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4318	213.5	213.5	Left	136	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-4319	213.5	213.5	Left	138	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-680	213.5	213.5	Right	138	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1236	213.5	214.0	Right	2,390	25	1.4	AG	Topsoil Segregation
Lenawee	ATWS-3034	214.0	214.0	Left	150	50	0.2	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-460	214.0	214.0	Right	149	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3033	214.0	214.1	Left	150	50	0.2	AG	Road and Waterbody Crossing
Lenawee	ATWS-461	214.0	214.1	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1237	214.1	215.0	Right	4,845	25	2.8	AG	Topsoil Segregation
Lenawee	ATWS-4321	214.6	214.7	Left	510	25	0.3	AG	Bend Installation
Lenawee	ATWS-463	215.0	215.1	Left	462	75	0.8	AG	HDD Entry Location
Lenawee	ATWS-462	215.0	215.1	Right	516	125	1.5	AG	HDD Entry Location
Lenawee	ATWS-2760	215.3	215.4	Left	400	75	0.7	AG	HDD Exit Location
Lenawee	ATWS-2761	215.3	215.4	Right	400	125	1.1	AG,OL	HDD Exit Location
Lenawee	ATWS-2762	215.4	215.7	Right	1,472	25	0.8	AG	Topsoil Segregation
Lenawee	ATWS-4384	215.7	215.7	Right	544	25	0.3	AG,FW,OW	Access To Hydrostatic Test Water
Lenawee	ATWS-4409	215.7	215.7	Right	150	50	0.2	AG	Access To Hydrostatic Test Water
Lenawee	ATWS-4497	215.7	215.7	Right	430	25	0.2	AG	Topsoil Segregation
Lenawee	ATWS-1674	215.7	215.8	Right	201	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-2097	215.7	215.8	Left	207	50	0.2	AG	Road and Waterbody Crossing
Lenawee	ATWS-1059	215.8	215.8	Right	158	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-2757	215.8	215.8	Left	151	50	0.2	AG	Road and Waterbody Crossing
Lenawee	ATWS-1678	215.8	216.3	Right	2,336	25	1.3	AG	Topsoil Segregation
Lenawee	ATWS-4327	215.8	215.9	Left	317	25	0.2	AG	Bend Installation
Lenawee	ATWS-4322	216.3	216.3	Left	137	50	0.2	AG	Waterbody Crossing
Lenawee	ATWS-2616	216.3	216.3	Right	105	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-2617	216.3	216.3	Right	130	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4323	216.3	216.3	Left	100	50	0.1	AG	Waterbody Crossing
Lenawee	ATWS-1679	216.3	216.7	Right	1,948	25	1.1	AG	Topsoil Segregation
Lenawee	ATWS-4328	216.4	216.4	Left	200	25	0.1	AG	Bend Installation
Lenawee	ATWS-464	216.7	216.7	Right	199	75	0.3	AG,ID	Road Crossing
Lenawee	ATWS-2763	216.7	216.7	Left	195	75	0.3	AG,ID	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lenawee	ATWS-2042	216.7	216.8	Left	204	75	0.4	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-465	216.7	216.8	Right	221	75	0.4	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-4325	216.8	216.8	Left	340	50	0.4	AG,OL	Bend Installation and Waterbody Crossing
Lenawee	ATWS-4329	216.8	216.8	Right	106	50	0.1	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4324	216.8	216.9	Right	226	25	0.1	AG	Bend Installation
Lenawee	ATWS-1686	216.8	217.0	Left	1,028	25	0.6	AG	Topsoil Segregation
Lenawee	ATWS-1687	217.0	217.1	Right	342	125	1	AG	Rail, Road and Waterbody Crossing
Lenawee	ATWS-1681	217.0	217.1	Left	309	100	0.7	AG	Rail, Road and Waterbody Crossing
Lenawee	ATWS-1683	217.1	217.1	Right	184	75	0.3	AG	Rail, Road and Waterbody Crossing
Lenawee	ATWS-1682	217.1	217.2	Left	238	75	0.4	AG	Rail, Road and Waterbody Crossing
Lenawee	ATWS-4330	217.1	217.2	Right	350	125	1	AG	Road, Rail and Waterbody Crossing and Bore Pull Back String
Lenawee	ATWS-1238	217.2	217.4	Right	1,231	25	0.7	AG	Topsoil Segregation
Lenawee	ATWS-4326	217.4	217.4	Left	75	25	0	AG	Existing Pipeline Crossing
Lenawee	ATWS-541	217.4	217.5	Right	130	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4331	217.4	217.5	Left	215	75	0.4	AG	Waterbody Crossing
Lenawee	ATWS-542	217.5	217.5	Right	197	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1234	217.5	218.1	Right	2,802	25	1.6	AG	Topsoil Segregation
Lenawee	ATWS-1688	218.1	218.1	Right	174	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4332	218.1	218.1	Left	200	75	0.3	AG,OL	Waterbody Crossing
Lenawee	ATWS-1689	218.1	218.1	Right	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1233	218.1	218.3	Right	948	25	0.5	AG	Topsoil Segregation
Lenawee	ATWS-466	218.3	218.4	Right	203	75	0.3	AG,ID	Road Crossing
Lenawee	ATWS-4336	218.3	218.4	Left	200	50	0.2	AG,ID	Road Crossing
Lenawee	ATWS-4335	218.4	218.4	Left	200	50	0.2	AG,ID,OL	Road Crossing
Lenawee	ATWS-467	218.4	218.4	Right	193	75	0.3	AG,ID,OL	Road Crossing
Lenawee	ATWS-1690	218.4	218.5	Right	401	25	0.2	AG	Topsoil Segregation
Lenawee	ATWS-682	218.5	218.5	Right	139	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4337	218.5	218.5	Left	150	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-4338	218.5	218.5	Left	150	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-681	218.5	218.5	Right	145	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1231	218.5	218.8	Right	1,135	25	0.7	AG	Topsoil Segregation
Lenawee	ATWS-3988	218.7	218.8	Left	261	75	0.5	AG	Existing Pipeline and Waterbody Crossing
Lenawee	ATWS-683	218.8	218.8	Right	217	75	0.4	AG,OL	Existing Pipeline and Waterbody Crossing
Lenawee	ATWS-684	218.8	218.8	Right	79	75	0.1	AG,OL	Existing Pipeline and Waterbody Crossing
Lenawee	ATWS-3987	218.8	218.8	Left	79	50	0.1	AG,OL	Existing Pipeline and Waterbody Crossing
Lenawee	ATWS-3984	218.8	218.9	Left	375	50	0.4	AG	Bend Installation and Existing Pipeline Crossing
Lenawee	ATWS-2758	218.9	218.9	Right	252	25	0.1	AG	Bend Installation
Lenawee	ATWS-1692	218.9	219.1	Left	1,190	25	0.7	AG	Topsoil Segregation
Lenawee	ATWS-468	219.1	219.2	Left	227	75	0.4	AG,OL	Road Crossing
Lenawee	ATWS-2764	219.2	219.2	Left	225	75	0.4	AG,OL	Road Crossing
Lenawee	ATWS-1705	219.2	219.6	Left	1,917	25	1.1	AG	Topsoil Segregation
Lenawee	ATWS-1694	219.6	219.6	Left	293	75	0.5	AG	Road and Waterbody Crossing
Lenawee	ATWS-1693	219.7	219.7	Left	210	75	0.4	AG	Road and Waterbody Crossing
Lenawee	ATWS-1706	210.7	220.0	Left	1,609	25	0.9	AG	Topsoil Segregation
Lenawee	ATWS-1696	220.0	220.1	Left	260	75	0.4	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-1695	220.1	220.1	Left	296	75	0.5	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-1704	220.1	220.2	Left	145	50	0.2	AG	Bend Installation and Topsoil Segregation
Lenawee	ATWS-1707	220.2	220.4	Left	1,164	25	0.7	AG	Topsoil Segregation
Lenawee	ATWS-1698	220.4	220.5	Left	194	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1699	220.5	220.5	Left	150	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1708	220.5	220.6	Left	690	25	0.4	AG	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lenawee	ATWS-1700	220.6	220.7	Left	251	75	0.4	AG	Road and Waterbody Crossing
Lenawee	ATWS-1701	220.7	220.7	Left	193	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-1709	220.7	221.3	Left	2,717	25	1.6	AG	Topsoil Segregation
Lenawee	ATWS-1702	221.3	221.3	Left	380	75	0.7	AG,ID	Bend Installation and Road Crossing
Lenawee	ATWS-1703	221.3	221.4	Left	266	75	0.5	AG,ID	Bend Installation and Road Crossing
Lenawee	ATWS-3983	221.4	221.6	Left	1,196	25	0.7	AG,OL	Topsoil Segregation
Lenawee	ATWS-3982	221.6	221.7	Left	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Lenawee	ATWS-1711	221.7	222.0	Left	1,707	25	1	AG	Topsoil Segregation
Lenawee	ATWS-1712	222.0	222.0	Left	240	75	0.4	AG	Road and Waterbody Crossing
Lenawee	ATWS-1713	222.0	222.1	Left	274	75	0.5	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-1714	222.1	222.4	Left	1,701	25	1	AG	Topsoil Segregation
Lenawee	ATWS-1716	222.4	222.5	Left	152	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1715	222.5	222.5	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1717	222.5	222.6	Left	322	25	0.2	AG	Topsoil Segregation
Lenawee	ATWS-2910	222.6	222.6	Left	100	50	0.1	AG	Existing Pipeline Crossing
Lenawee	ATWS-1718	222.6	222.6	Left	205	75	0.4	AG	Road and Waterbody Crossing
Lenawee	ATWS-1719	222.6	222.7	Left	258	75	0.4	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-1720	222.7	223.0	Left	1,516	25	0.9	AG	Topsoil Segregation
Lenawee	ATWS-1721	223.1	223.2	Left	466	25	0.3	AG	Topsoil Segregation
Lenawee	ATWS-1723	223.2	223.2	Left	193	75	0.3	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-1722	223.2	223.3	Left	260	75	0.4	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-1724	223.3	223.4	Left	639	25	0.4	AG	Topsoil Segregation
Lenawee	ATWS-1725	223.5	223.8	Left	1,554	25	0.9	AG	Topsoil Segregation
Lenawee	ATWS-3981	223.8	223.8	Left	173	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3980	223.8	223.9	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1726	223.9	224.3	Left	2,542	25	1.5	AG	Topsoil Segregation
Lenawee	ATWS-1727	224.3	224.4	Left	303	75	0.5	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-1728	224.4	224.5	Left	420	75	0.7	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-1729	224.5	224.9	Left	2,270	25	1.3	AG	Topsoil Segregation
Lenawee	ATWS-3978	224.9	225.0	Left	412	75	0.7	AG,ID	Road Crossing
Lenawee	ATWS-4394	224.9	225.0	Right	150	50	0.2	AG,ID	Road Crossing
Lenawee	ATWS-3979	225.0	225.0	Right	502	50	0.6	AG,ID,OL	Bend Installation and Road and Waterbody Crossing
Lenawee	ATWS-4395	225.0	225.0	Left	209	75	0.3	AG,ID,OL	Bend Installation and Road and Waterbody Crossing
Lenawee	ATWS-2624	225.1	225.1	Left	300	75	0.5	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3977	225.1	225.1	Right	272	50	0.3	AG	Waterbody Crossing
Lenawee	ATWS-2625	225.1	225.5	Left	2,294	25	1.3	AG	Topsoil Segregation
Lenawee	ATWS-4396	225.2	225.2	Right	302	25	0.2	AG	Bend Installation
Lenawee	ATWS-2623	225.5	225.6	Left	163	75	0.3	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-3975	225.5	225.6	Right	225	50	0.3	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-2622	225.6	225.6	Left	167	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-3976	225.6	225.6	Right	119	50	0.1	AG	Road and Waterbody Crossing
Lenawee	ATWS-2621	225.6	225.8	Left	789	25	0.5	AG	Topsoil Segregation
Lenawee	ATWS-2247	225.6	225.7	Right	304	25	0.2	AG	Bend Installation
Lenawee	ATWS-3974	225.8	225.8	Right	253	50	0.3	AG	Waterbody Crossing
Lenawee	ATWS-2620	225.8	225.8	Left	130	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-2619	225.8	225.9	Left	222	75	0.4	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3973	225.8	225.9	Right	125	50	0.1	AG	Waterbody Crossing
Lenawee	ATWS-2913	225.9	226.4	Left	2,826	25	1.6	AG	Topsoil Segregation
Lenawee	ATWS-3972	226.0	226.1	Right	300	25	0.2	AG	Bend Installation
Lenawee	ATWS-2914	226.4	226.4	Left	191	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-4339	226.4	226.5	Right	158	50	0.2	AG,OL	Waterbody Crossing
Lenawee	ATWS-2915	226.4	226.5	Left	153	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-2916	226.5	226.6	Left	670	25	0.4	AG	Topsoil Segregation
Lenawee	ATWS-1744	226.6	226.6	Right	177	50	0.2	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-2917	226.6	226.6	Left	259	75	0.4	AG,OL	Road and Waterbody Crossing
Lenawee	ATWS-1745	226.6	226.7	Right	216	50	0.2	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-2918	226.7	226.7	Left	176	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-3971	226.7	226.8	Left	250	50	0.3	AG	Bend Installation and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Lenawee	ATWS-1746	226.8	226.8	Left	140	25	0.1	AG	Topsoil Segregation
Lenawee	ATWS-2044	226.8	226.8	Left	224	75	0.4	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1747	226.8	226.9	Left	200	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3970	226.9	227.0	Left	389	25	0.2	AG	Topsoil Segregation
Lenawee	ATWS-1748	227.0	227.0	Left	225	75	0.4	AG,ID	Road and Waterbody Crossing
Lenawee	ATWS-3969	227.0	227.0	Left	200	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-1750	227.0	227.5	Left	2,400	25	1.4	AG	Topsoil Segregation
Lenawee	ATWS-1751	227.5	227.6	Left	350	75	0.6	AG,ID	Road Crossing
Lenawee	ATWS-1752	227.6	227.6	Left	308	75	0.5	AG	Road Crossing
Lenawee	ATWS-1753	227.6	228.1	Left	2,530	25	1.5	AG	Topsoil Segregation
Lenawee	ATWS-3968	228.1	228.1	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1755	228.1	228.2	Left	305	75	0.5	AG,ID,OL	Road and Waterbody Crossing
Lenawee	ATWS-1756	228.2	228.3	Left	376	75	0.6	AG,ID	Road Crossing
Lenawee	ATWS-1757	228.3	228.7	Left	2,460	25	1.4	AG	Topsoil Segregation
Lenawee	ATWS-3967	228.7	228.8	Left	170	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3966	228.8	228.8	Left	174	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3965	228.8	229.3	Left	2,677	25	1.5	AG	Topsoil Segregation
Lenawee	ATWS-2808	229.4	229.4	Right	130	25	0.1	AG	Bend Installation
Lenawee	ATWS-1759	229.3	229.4	Left	190	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-1760	229.4	229.4	Left	198	75	0.3	AG	Road and Waterbody Crossing
Lenawee	ATWS-1761	229.4	229.5	Left	380	50	0.4	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1762	229.5	229.5	Left	205	75	0.4	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3963	229.5	229.5	Right	120	75	0.2	AG,FW	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1763	229.5	229.6	Left	157	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-3962	229.5	229.6	Right	100	25	0.1	AG,ID	Waterbody Crossing
Lenawee	ATWS-1764	229.6	229.8	Left	1,060	25	0.6	AG	Topsoil Segregation
Lenawee	ATWS-1766	229.8	229.8	Left	148	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1765	229.8	229.9	Left	168	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Lenawee	ATWS-1767	229.9	230.0	Left	786	25	0.5	AG	Topsoil Segregation
Lenawee	ATWS-1768	230.0	230.1	Left	170	75	0.3	AG,ID	Road Crossing
Lenawee	ATWS-1769	230.0	230.1	Left	237	75	0.4	AG,ID	Road Crossing
Lenawee	ATWS-1770	230.1	230.3	Left	1,184	25	0.7	AG	Topsoil Segregation
Lenawee	ATWS-1771	230.3	230.4	Left	298	75	0.5	AG	Bend Installation and Road and Waterbody Crossing
Lenawee	ATWS-2187	230.3	230.4	Right	142	50	0.2	AG,ID	Bend Installation and Road and Waterbody Crossing
Monroe	ATWS-1772	230.4	230.4	Left	171	75	0.3	AG,OL	Bend Installation and Road and Waterbody Crossing
Monroe	ATWS-2070	230.4	230.4	Right	360	50	0.4	AG,ID,OL	Bend Installation and Road and Waterbody Crossing
Monroe	ATWS-1773	230.4	230.5	Left	214	25	0.1	AG	Topsoil Segregation
Monroe	ATWS-1774	230.5	230.6	Left	864	25	0.5	AG	Topsoil Segregation
Monroe	ATWS-3961	230.6	230.7	Right	232	50	0.3	AG,ID	Road Crossing
Monroe	ATWS-1775	230.6	230.7	Left	143	75	0.2	AG,ID	Road Crossing
Monroe	ATWS-1776	230.7	230.7	Left	236	75	0.4	AG,ID,RE	Bend Installation and Road and Waterbody Crossing
Monroe	ATWS-3960	230.7	230.7	Right	109	50	0.1	AG,ID,RE	Bend Installation and Road and Waterbody Crossing
Monroe	ATWS-3959	230.7	230.7	Left	123	75	0.2	AG	Waterbody Crossing
Monroe	ATWS-1778	230.7	231.2	Left	2,439	25	1.4	AG	Topsoil Segregation
Monroe	ATWS-1779	231.2	231.3	Left	328	75	0.6	AG,ID	Bend Installation and Road Crossing
Monroe	ATWS-3958	231.2	231.2	Right	158	25	0.1	AG,ID	Bend Installation and Road Crossing
Monroe	ATWS-3957	231.2	231.3	Right	142	50	0.2	AG,ID,OL	Road Crossing
Monroe	ATWS-1782	231.3	231.3	Left	108	75	0.2	ID,OL	Bend Installation and Road Crossing
Monroe	ATWS-1783	231.3	231.4	Left	517	75	0.9	AG,ID	Road and Waterbody Crossing
Monroe	ATWS-1784	231.4	231.4	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-1788	231.4	231.9	Left	2,237	25	1.3	AG,OL	Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Monroe	ATWS-1786	231.9	231.9	Left	150	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-1787	231.9	231.9	Left	150	75	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-1789	231.9	232.2	Left	1,187	25	0.7	AG,OL	Topsoil Segregation
Monroe	ATWS-3956	232.2	232.2	Left	284	50	0.3	AG	Bend Installation and Topsoil Segregation
Monroe	ATWS-1791	232.2	232.3	Left	199	75	0.3	AG,ID	Road Crossing
Monroe	ATWS-1790	232.2	232.3	Left	139	75	0.2	AG,ID	Road Crossing
Monroe	ATWS-1792	232.3	232.4	Left	402	25	0.2	AG	Topsoil Segregation
Monroe	ATWS-3955	232.4	232.4	Left	98	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-2806	232.4	232.4	Left	99	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-2098	232.4	232.5	Left	112	75	0.2	AG,ID,RE	Road and Waterbody Crossing
Monroe	ATWS-1793	232.5	232.5	Left	322	75	0.6	AG	Road and Waterbody Crossing
Monroe	ATWS-1798	232.5	232.9	Left	2,054	25	1.2	AG	Topsoil Segregation
Monroe	ATWS-1794	232.9	233.0	Left	312	50	0.4	AG	Bend Installation and Topsoil Segregation
Monroe	ATWS-1796	233.0	233.0	Right	337	75	0.6	AG	Rail and Road Crossing
Monroe	ATWS-1795	233.0	233.0	Left	183	100	0.4	AG	Rail Crossing
Monroe	ATWS-2071	233.0	233.0	Right	120	200	0.4	AG,ID,OL	Equipment Access Around Road and Rail Crossing
Monroe	ATWS-3953	233.1	233.1	Left	162	100	0.4	AG,ID,OL	Rail and Road Crossing
Monroe	ATWS-1797	233.1	233.1	Left	120	100	0.2	AG	Rail and Road Crossing
Monroe	ATWS-3954	233.1	233.2	Left	344	65	0.5	AG	Road and Rail Bore Pull Back String
Monroe	ATWS-1799	233.1	233.2	Left	351	25	0.2	AG	Topsoil Segregation
Monroe	ATWS-3950	233.2	233.2	Right	347	25	0.2	AG,OL	Bend Installation
Monroe	ATWS-3951	233.2	233.2	Left	205	50	0.2	AG	Bend Installation and Topsoil Segregation
Monroe	ATWS-3952	233.2	233.2	Left	157	25	0.1	AG	Topsoil Segregation
Monroe	ATWS-3948	233.2	233.3	Left	133	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-3949	233.2	233.3	Right	213	50	0.2	OL	Waterbody Crossing
Monroe	ATWS-3947	233.3	233.3	Left	140	75	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-3946	233.3	233.3	Right	100	50	0.1	OL	Waterbody Crossing
Monroe	ATWS-1800	233.3	233.6	Left	1,808	25	1	AG	Topsoil Segregation
Monroe	ATWS-3942	233.6	233.7	Left	132	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-3943	233.6	233.7	Right	247	50	0.3	AG	Waterbody Crossing
Monroe	ATWS-3941	233.7	233.7	Left	221	75	0.4	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-3940	233.7	233.7	Right	119	50	0.1	AG,OL	Waterbody Crossing
Monroe	ATWS-2099	233.7	233.9	Left	1,033	25	0.6	AG	Topsoil Segregation
Monroe	ATWS-1801	233.9	234.0	Left	442	50	0.5	AG	Bend Installation and Topsoil Segregation
Monroe	ATWS-4340	234.0	234.0	Right	199	25	0.1	AG	Bend Installation
Monroe	ATWS-1805	234.0	234.2	Left	1,084	25	0.6	AG	Topsoil Segregation
Monroe	ATWS-3939	234.2	234.3	Left	168	75	0.3	AG,ID	Road Crossing
Monroe	ATWS-1803	234.2	234.3	Right	173	50	0.2	AG,ID	Road Crossing
Monroe	ATWS-1806	234.3	234.3	Left	153	75	0.3	AG,OL	Road and Waterbody Crossing
Monroe	ATWS-1802	234.3	234.3	Right	152	50	0.2	AG,OL	Road and Waterbody Crossing
Monroe	ATWS-3938	234.3	234.4	Left	578	25	0.3	AG	Topsoil Segregation
Monroe	ATWS-3936	234.4	234.4	Left	119	75	0.2	AG	Waterbody Crossing
Monroe	ATWS-1807	234.5	234.5	Left	148	75	0.3	AG	Topsoil Segregation and Waterbody Crossing
Monroe	ATWS-3935	234.5	234.6	Right	310	25	0.2	AG,FW	Bend Installation
Monroe	ATWS-1810	234.5	234.6	Left	312	25	0.2	AG	Topsoil Segregation and Bend Installation
Monroe	ATWS-1809	234.6	234.6	Right	226	50	0.3	AG,ID,OL	Road Crossing
Monroe	ATWS-3934	234.6	234.7	Right	301	50	0.3	AG,ID,OL	Road Crossing
Monroe	ATWS-2188	234.6	234.6	Left	308	75	0.5	AG,ID,OL	Road Crossing
Monroe	ATWS-3933	234.6	234.7	Left	206	75	0.4	AG,ID,OL	Road Crossing
Monroe	ATWS-1812	234.7	234.9	Left	1,294	25	0.7	AG	Topsoil Segregation
Monroe	ATWS-3945	234.9	235.0	Left	410	25	0.2	AG	Topsoil Segregation
Monroe	ATWS-3932	235.0	235.2	Left	739	25	0.4	AG	Topsoil Segregation
Monroe	ATWS-3931	235.1	235.2	Left	413	50	0.5	AG	Bend Installation and Topsoil Segregation
Monroe	ATWS-2189	235.3	235.3	Left	439	25	0.3	AG	Topsoil Segregation
Monroe	ATWS-3930	235.3	235.4	Left	149	50	0.2	AG	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Monroe	ATWS-3929	235.4	235.4	Left	166	50	0.2	AG,OL	Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-2608	235.4	235.8	Left	2,169	25	1.2	AG	Topsoil Segregation
Monroe	ATWS-3928	235.8	236.0	Left	652	75	1.1	AG	Wetland and Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-4342	236.0	236.1	Left	361	75	0.6	AG	Wetland and Waterbody Crossing and Topsoil Segregation
Monroe	ATWS-4341	236.1	236.2	Left	380	25	0.2	AG	Topsoil Segregation
Monroe	ATWS-2609	236.2	236.2	Left	226	75	0.4	AG	Road Crossing
Monroe	ATWS-2610	236.2	236.2	Right	243	50	0.3	AG,ID	Road Crossing
Monroe	ATWS-4343	236.2	236.2	Left	38	120	0.1	AG	Road Crossing
Monroe	ATWS-2611	236.3	236.3	Right	120	75	0.2	AG	Road and Wetland Crossing
Monroe	ATWS-4373	236.3	236.4	Left	378	75	0.7	AG	Road Crossing
Monroe	ATWS-2612	236.4	236.7	Left	2,152	25	1.2	AG	Topsoil Segregation
Monroe	ATWS-3927	236.8	236.8	Left	157	25	0.1	AG,OL	Topsoil Segregation
Washtenaw	ATWS-3926	236.8	236.9	Left	324	25	0.2	AG	Topsoil Segregation
Washtenaw	ATWS-3924	236.9	237.0	Left	404	50	0.5	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-3925	237.0	237.4	Left	2,301	25	1.3	AG	Topsoil Segregation
Washtenaw	ATWS-3923	237.3	237.4	Right	223	25	0.1	AG	Bend Installation
Washtenaw	ATWS-4375	237.4	237.4	Left	30	60	0	AG,FW,OW	Access To Hydrostatic Test Water
Washtenaw	ATWS-2046	237.4	237.5	Right	349	100	0.8	AG	HDD Entry Location
Washtenaw	ATWS-1658	237.4	237.5	Left	349	75	0.6	AG	HDD Entry Location
Washtenaw	ATWS-2047	237.7	237.7	Left	443	100	1	AG	HDD Exit Location
Washtenaw	ATWS-3922	237.7	238.0	Right	1,484	75	2.6	AG,OL	HDD Exit Location
Washtenaw	ATWS-1657	237.7	238.2	Left	2,498	75	4.3	AG,OL	HDD Pull Back String and Road and Waterbody Crossing
Washtenaw	ATWS-3921	238.2	238.3	Right	249	25	0.1	AG	Road and Waterbody Crossing
Washtenaw	ATWS-1820	238.2	238.3	Left	195	75	0.3	AG,ID	Bend Installation and Road Crossing
Washtenaw	ATWS-1822	238.3	238.4	Left	898	25	0.5	AG	Topsoil Segregation
Washtenaw	ATWS-1821	238.4	238.5	Left	293	125	0.8	AG,OL	Rail Crossing
Washtenaw	ATWS-1823	238.5	238.6	Left	239	125	0.7	AG	Rail Crossing
Washtenaw	ATWS-1824	238.6	238.9	Left	1,852	25	1.1	AG	Topsoil Segregation
Washtenaw	ATWS-3919	238.9	239.0	Left	300	50	0.3	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-3920	239.0	239.1	Left	436	25	0.3	AG	Topsoil Segregation
Washtenaw	ATWS-2215	239.1	239.1	Left	93	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3512	239.1	239.1	Right	124	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-2214	239.1	239.1	Left	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3918	239.1	239.1	Right	136	50	0.2	AG	Bend Installation and Waterbody Crossing
Washtenaw	ATWS-2213	239.1	239.2	Left	317	25	0.2	AG	Topsoil Segregation
Washtenaw	ATWS-2212	239.2	239.2	Left	105	50	0.1	AG	Road Crossing
Washtenaw	ATWS-3917	239.2	239.2	Right	100	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-2210	239.2	239.3	Left	153	75	0.3	AG	Waterbody Crossing
Washtenaw	ATWS-3507	239.2	239.3	Right	168	50	0.2	AG	Bend Installation and Waterbody Crossing
Washtenaw	ATWS-1827	239.2	239.3	Left	151	25	0.1	AG	Topsoil Segregation
Washtenaw	ATWS-3506	239.3	239.3	Right	158	50	0.2	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2753	239.3	239.3	Left	125	75	0.2	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2752	239.3	239.4	Left	163	75	0.3	AG,OL	Road and Waterbody Crossing
Washtenaw	ATWS-3505	239.3	239.4	Right	116	50	0.1	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2751	239.4	239.5	Left	945	25	0.5	AG	Topsoil Segregation
Washtenaw	ATWS-2748	239.5	239.6	Right	258	100	0.6	AG	Bend Installation and Road and Wetland Crossing
Washtenaw	ATWS-3916	239.5	239.6	Left	239	80	0.4	AG	Bore Pull Back String
Washtenaw	ATWS-2750	239.5	239.6	Left	289	100	0.7	AG,OL	Road and Wetland Crossing
Washtenaw	ATWS-1829	239.6	239.7	Right	231	100	0.5	OL	Road and Wetland Crossing
Washtenaw	ATWS-2749	239.6	239.7	Left	247	100	0.6	OL	Bend Installation and Road, Waterbody and Wetland Crossing
Washtenaw	ATWS-1831	239.7	239.8	Left	439	25	0.3	AG,OL	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-1833	239.8	239.8	Left	137	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-1832	239.8	239.9	Left	146	75	0.3	AG,FW	Waterbody Crossing and Topsoil Segregation

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Washtenaw	ATWS-3915	239.9	239.9	Left	181	25	0.1	AG	Topsoil Segregation
Washtenaw	ATWS-1835	239.9	240.0	Left	348	75	0.6	AG,FW	Bend Installation and Road Crossing
Washtenaw	ATWS-1836	240.0	240.1	Left	220	220	1.1	AG	Road Crossing
Washtenaw	ATWS-1837	240.1	240.6	Left	2,909	25	1.7	AG,OL	Topsoil Segregation
Washtenaw	ATWS-1838	240.6	240.8	Left	662	25	0.4	AG,OL	Topsoil Segregation
Washtenaw	ATWS-3914	240.8	240.8	Left	143	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3504	240.8	240.9	Left	160	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-1840	240.9	241.0	Left	882	25	0.5	AG	Topsoil Segregation
Washtenaw	ATWS-3913	241.0	241.1	Left	243	50	0.3	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-1842	241.1	241.1	Left	190	75	0.3	AG,ID,OL	Road Crossing
Washtenaw	ATWS-1841	241.1	241.2	Left	83	75	0.1	AG,ID	Road Crossing
Washtenaw	ATWS-1843	241.3	241.4	Left	951	25	0.5	AG	Topsoil Segregation
Washtenaw	ATWS-3503	241.4	241.5	Left	148	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3502	241.5	241.5	Left	118	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-2665	241.5	241.5	Left	201	25	0.1	AG	Topsoil Segregation
Washtenaw	ATWS-3912	241.5	241.6	Right	150	50	0.2	AG	Existing Pipeline Crossing Topsoil Segregation
Washtenaw	ATWS-3501	241.6	241.6	Right	154	25	0.1	AG	Topsoil Segregation
Washtenaw	ATWS-2667	241.6	241.7	Right	690	25	0.4	AG	Topsoil Segregation
Washtenaw	ATWS-2663	241.7	241.8	Right	187	75	0.3	AG,ID	Road and Existing Pipeline Crossing
Washtenaw	ATWS-1844	241.7	241.8	Left	166	25	0.1	AG,ID	Road and Existing Pipeline Crossing
Washtenaw	ATWS-1845	241.8	241.8	Left	252	75	0.4	AG,ID	Bend Installation and Road Crossing
Washtenaw	ATWS-1846	241.8	241.8	Right	179	75	0.3	AG,ID	Road Crossing
Washtenaw	ATWS-1666	241.8	242.2	Right	2,204	25	1.3	AG	Topsoil Segregation
Washtenaw	ATWS-2669	242.2	242.3	Left	229	75	0.3	AG,ID	Road and Waterbody Crossing
Washtenaw	ATWS-1848	242.2	242.3	Right	331	75	0.6	AG,ID	Road and Waterbody Crossing
Washtenaw	ATWS-2668	242.3	242.3	Left	500	75	0.8	AG,OL	Road and Waterbody Crossing
Washtenaw	ATWS-1850	242.3	242.3	Right	256	75	0.4	AG,OL	Road and Waterbody Crossing
Washtenaw	ATWS-1852	242.4	242.4	Right	340	25	0.2	AG,OL	Waterbody Crossing
Washtenaw	ATWS-2670	242.4	242.4	Left	205	75	0.4	AG,OL	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-1851	242.4	242.5	Right	319	50	0.4	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-3910	242.4	242.5	Left	412	25	0.2	AG	Bend Installation
Washtenaw	ATWS-1668	242.5	242.8	Right	1,462	25	0.8	AG	Topsoil Segregation
Washtenaw	ATWS-2190	242.8	243.3	Right	2,456	25	1.4	AG	Topsoil Segregation
Washtenaw	ATWS-485	243.3	243.3	Right	160	75	0.3	AG,ID,OL	Road Crossing
Washtenaw	ATWS-3500	243.3	243.3	Left	163	50	0.2	AG,ID,OL	Road Crossing
Washtenaw	ATWS-484	243.3	243.3	Right	158	75	0.3	AG,ID	Road Crossing
Washtenaw	ATWS-1853	243.3	243.7	Right	2,191	25	1.3	AG	Topsoil Segregation
Washtenaw	ATWS-2679	243.7	243.8	Left	279	75	0.5	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2678	243.7	243.8	Right	273	75	0.5	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2681	243.8	243.8	Right	263	75	0.5	AG,ID	Road and Waterbody Crossing
Washtenaw	ATWS-2680	243.8	243.8	Left	172	75	0.3	AG,ID	Road and Waterbody Crossing
Washtenaw	ATWS-3472	243.8	243.9	Right	614	25	0.4	AG	Topsoil Segregation
Washtenaw	ATWS-3499	243.9	244.2	Right	1,162	75	2	AG,FW	Waterbody Crossing, Wetland Crossing and Topsoil Segregation
Washtenaw	ATWS-3498	244.1	244.2	Left	200	50	0.2	AG	Waterbody and Wetland Crossing.
Washtenaw	ATWS-2691	244.3	244.4	Right	528	75	0.9	AG,FW	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3908	244.6	244.7	Right	133	25	0.1	FW	Bend Installation and Waterbody Crossing
Washtenaw	ATWS-3909	244.6	244.7	Left	183	25	0.1	AG,FW	Bend Installation and Waterbody Crossing
Washtenaw	ATWS-2686	244.7	244.9	Right	1,013	25	0.6	AG	Topsoil Segregation
Washtenaw	ATWS-3497	244.7	244.8	Left	380	75	0.7	AG	Bend Installation and Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-2687	244.9	245.0	Left	246	50	0.3	AG	Road and Waterbody Crossing
Washtenaw	ATWS-2685	244.9	244.9	Right	132	75	0.2	AG	Road and Waterbody Crossing
Washtenaw	ATWS-3907	244.9	245.0	Right	183	50	0.2	AG,ID	Road and Wetland Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Washtenaw	ATWS-2688	245.0	245.0	Left	172	50	0.2	AG,ID	Road, Wetland and Waterbody Crossing
Washtenaw	ATWS-2689	245.0	245.0	Right	87	50	0.1	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-481	245.0	245.0	Left	114	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-3906	245.0	245.0	Right	100	50	0.1	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-1654	245.0	245.2	Right	697	25	0.4	AG,OL	Topsoil Segregation
Washtenaw	ATWS-3905	245.2	245.2	Right	174	50	0.2	OL	Road and Wetland Crossing
Washtenaw	ATWS-480	245.2	245.2	Left	151	50	0.2	OL	Road and Wetland Crossing
Washtenaw	ATWS-4390	245.2	245.3	Right	182	25	0.1	ID,OL	Road and Wetland Crossing
Washtenaw	ATWS-1652	245.2	245.3	Left	151	75	0.3	OL	Road and Wetland Crossing
Washtenaw	ATWS-1651	245.3	245.5	Right	982	25	0.6	AG,FW	Topsoil Segregation
Washtenaw	ATWS-2675	245.8	246.2	Right	2,117	25	1.2	AG,FW	Topsoil Segregation
Washtenaw	ATWS-4498	245.5	245.7	Right	1,255	25	0.7	AG	Topsoil Segregation
Washtenaw	ATWS-3904	245.6	245.6	Left	300	25	0.2	AG	Bend Installation
Washtenaw	ATWS-3903	245.7	245.7	Left	151	25	0.1	AG	Bend Installation
Washtenaw	ATWS-3902	245.8	245.8	Left	145	25	0.1	AG,FW	Bend Installation
Washtenaw	ATWS-2674	246.2	246.2	Right	322	75	0.6	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-3900	246.2	246.2	Left	301	25	0.2	AG	Bend Installation
Washtenaw	ATWS-1647	246.3	246.4	Right	334	75	0.6	AG	Waterbody and Wetland Crossing
Washtenaw	ATWS-3901	246.3	246.4	Left	307	50	0.4	AG	Waterbody and Wetland Crossing
Washtenaw	ATWS-1859	246.4	246.5	Right	936	25	0.5	AG	Topsoil Segregation
Washtenaw	ATWS-3492	246.5	246.6	Left	86	50	0.1	AG	Road and Waterbody Crossing
Washtenaw	ATWS-479	246.5	246.6	Right	186	75	0.3	AG,ID	Road and Waterbody Crossing
Washtenaw	ATWS-478	246.6	246.6	Right	185	75	0.3	AG	Road and Waterbody Crossing
Washtenaw	ATWS-3491	246.6	246.6	Left	184	50	0.2	AG	Road and Waterbody Crossing
Washtenaw	ATWS-4503	246.6	246.6	Left	50	50	0.1	AG,ID	Road Crossing
Washtenaw	ATWS-1645	246.6	247.2	Right	2,991	25	1.7	AG	Topsoil Segregation
Washtenaw	ATWS-2673	246.8	246.9	Left	541	25	0.3	AG	Bend Installation
Washtenaw	ATWS-3490	247.2	247.2	Left	130	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-3488	247.2	247.2	Right	161	75	0.3	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3489	247.2	247.2	Left	120	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-1861	247.2	247.4	Right	1,099	25	0.6	AG	Topsoil Segregation
Washtenaw	ATWS-2692	247.4	247.4	Left	327	50	0.4	AG	Bend Installation and Road Crossing
Washtenaw	ATWS-3896	247.4	247.4	Right	162	50	0.3	AG	Bend Installation and Road Crossing
Washtenaw	ATWS-1642	247.4	247.5	Left	420	50	0.5	AG,ID	Bend Installation and Road Crossing
Washtenaw	ATWS-3895	247.4	247.5	Right	239	50	0.3	AG,ID	Bend Installation and Road Crossing
Washtenaw	ATWS-1860	247.5	247.6	Right	497	25	0.3	AG	Topsoil Segregation
Washtenaw	ATWS-1641	247.6	247.7	Right	334	50	0.4	AG	Bend Installation and Topsoil Segregation
Washtenaw	ATWS-3894	247.6	247.6	Left	200	25	0.1	AG	Bend Installation
Washtenaw	ATWS-3487	247.9	248.0	Right	407	25	0.2	RE	Bend Installation
Washtenaw	ATWS-3486	248.0	248.0	Left	144	50	0.2	ID,RE	Road Crossing
Washtenaw	ATWS-3485	248.0	248.0	Right	94	50	0.1	ID,RE	Road Crossing
Washtenaw	ATWS-1638	248.0	248.0	Left	222	50	0.3	AG,ID,OL	Bend Installation and Road Crossing
Washtenaw	ATWS-1640	248.0	248.0	Right	286	75	0.5	AG,OL	Bend Installation and Road Crossing
Washtenaw	ATWS-1639	248.0	248.1	Right	463	25	0.3	AG,OL	Topsoil Segregation
Washtenaw	ATWS-1637	248.1	248.1	Left	207	75	0.4	AG,ID,OL	Road Crossing
Washtenaw	ATWS-2676	248.1	248.2	Left	264	50	0.3	FW,OL,RE	Road and Waterbody Crossing
Washtenaw	ATWS-2677	248.2	248.2	Right	213	50	0.2	FW,OL	Road and Waterbody Crossing
Washtenaw	ATWS-1636	248.3	248.3	Right	312	25	0.2	FW,OL	Bend Installation
Washtenaw	ATWS-3495	248.4	248.4	Left	71	50	0.1	AG,OL	Waterbody Crossing
Washtenaw	ATWS-3496	248.4	248.5	Right	100	75	0.2	AG	Waterbody Crossing and Topsoil Segregation
Washtenaw	ATWS-3494	248.4	248.5	Left	75	50	0.1	AG	Waterbody Crossing
Washtenaw	ATWS-1862	248.5	248.6	Right	514	25	0.3	AG	Topsoil Segregation
Washtenaw	ATWS-3893	248.5	248.5	Left	150	25	0.1	AG	Existing Pipeline Crossing
Washtenaw	ATWS-3493	248.6	248.6	Right	152	25	0.1	RE	Bend Installation
Washtenaw	ATWS-1634	248.7	248.7	Left	231	50	0.3	AG,ID,OL	Bend Installation and Road Crossing
Washtenaw	ATWS-3483	248.7	248.7	Right	97	50	0.1	ID,RE	Road Crossing
Washtenaw	ATWS-3482	248.7	248.7	Right	164	50	0.2	AG,ID,OL	Road Crossing

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
Mainline (cont.'d)									
Washtenaw	ATWS-1633	248.7	248.8	Right	643	25	0.4	AG	Topsoil Segregation
Washtenaw	ATWS-2050	248.8	248.9	Left	116	25	0.1	AG,OL	Existing Pipeline Crossing
Washtenaw	ATWS-3481	248.8	248.9	Right	150	50	0.2	AG	Waterbody Crossing
Washtenaw	ATWS-3892	248.9	249.0	Right	510	25	0.3	FW,OL	Bend Installation and Wetland Crossing
Washtenaw	ATWS-3891	249.1	249.1	Left	79	50	0.1	OL	Existing Pipeline and Wetland Crossing
Washtenaw	ATWS-3890	249.2	249.2	Left	278	50	0.3	FW,OL	Existing Pipeline and Wetland Crossing
Washtenaw	ATWS-3889	249.2	249.2	Right	300	50	0.3	FW,OL	Existing Pipeline and Wetland Crossing
Washtenaw	ATWS-2051	249.4	249.6	Left	546	100	1.3	ID,FW,OL	Road and Wetland Crossing
Washtenaw	ATWS-3480	250.0	250.1	Right	291	50	0.3	AG,ID,OL	Equipment Access From Staging Area and Topsoil Segregation and Crossing Past Commercial Structure
Washtenaw	ATWS-1632	250.2	250.3	Left	334	75	0.6	ID,OL	Existing Pipeline and Road Crossing
Washtenaw	ATWS-489	250.2	250.3	Right	194	75	0.3	ID,FW,OL	Road and Existing Pipeline Crossing
Washtenaw	ATWS-3888	250.3	250.4	Right	436	50	0.5	FW,OL	Bend Installation and Wetland Crossing
Washtenaw	ATWS-3887	250.4	250.4	Left	117	25	0.1	FW,OL	Wetland Crossing
Washtenaw	ATWS-3886	250.5	250.6	Left	306	25	0.2	FW,OL	Bend Installation
Washtenaw	ATWS-1620	250.6	250.7	Left	498	170	1	FW,OL	HDD Entry Location and Bend Installation
Washtenaw	ATWS-1619	250.6	250.7	Right	1,221	251	3.4	FW,OL	HDD Entry Location
Washtenaw	ATWS-1621	251.1	251.1	Left	2,355	200	8.5	ID,FW,OL,OLW	Access To Hydrostatic Test Water
Washtenaw	ATWS-4391	251.1	251.1	Right	109	25	0.1	ID,FW,OL	HDD Exit Location
Washtenaw	ATWS-3884	251.2	251.3	Left	746	25	0.4	OL	Topsoil Segregation
Washtenaw	ATWS-1622	251.3	251.4	Left	361	75	0.6	ID,OL	Bend Installation and Road Crossing
Washtenaw	ATWS-552	251.4	251.7	Right	1,210	190	4.5	ID,OL	Road and Multilane Interstate Highway Crossing, Equipment/ Material Staging and Topsoil Segregation
Washtenaw	ATWS-3883	251.7	251.8	Right	424	75	0.7	FW	Road and Waterbody Crossing
Washtenaw	ATWS-490	251.8	252.0	Right	954	75	1.6	ID,FW,OL	Bend Installation and Road and Waterbody Crossing
Washtenaw	ATWS-4392	252.1	252.2	Left	207	50	0.2	ID,FW	Extra Work Space Passing Commercial Junk Yard To Change Row Configuration To Stay Out of The Junk Yard
Washtenaw	ATWS-1623	252.2	252.2	Left	329	75	0.6	ID,FW,RE	Bend Installation and Road Crossing
Washtenaw	ATWS-4260	252.2	252.2	Right	130	100	0.2	ID,FW	Road Crossing
Washtenaw	ATWS-2672	252.2	252.3	Right	226	75	0.4	ID,FW	Road Crossing
Washtenaw	ATWS-3882	252.3	252.4	Left	683	50	0.8	ID,FW,OL	Road and Existing Pipeline Crossing
Washtenaw	ATWS-1625	252.3	252.4	Right	631	50	0.7	ID,FW,OL	Road and Existing Pipeline Crossing
Washtenaw	ATWS-3881	252.4	252.4	Left	280	75	0.4	ID,OL	Bend Installation and Road Crossing
Washtenaw	ATWS-3880	252.4	252.8	Left	1,700	140	5.2	ID,OL	Spoil, Equipment and Material Storage for Congested Area Working In Road Median
Washtenaw	ATWS-3879	252.5	252.8	Left	1,252	25	0.7	OL	Extra Work Space In Congested Area Working In Road Median
Washtenaw	ATWS-3473	252.5	252.7	Right	993	25	0.6	ID,OL	Topsoil Segregation
Washtenaw	ATWS-2682	252.7	252.8	Right	206	50	0.2	ID,OL	Existing Pipeline Crossing and Topsoil Segregation
Washtenaw	ATWS-2613	252.8	252.8	Right	75	25	0	ID,OL	Road Crossing
Washtenaw	ATWS-4410	252.8	252.9	Left	665	150	2.3	ID,OL	Spoil, Equipment and Material Storage for Congested Area Working In Road Median
Washtenaw	ATWS-2614	252.8	252.9	Right	523	45	0.4	ID,OL	Extra Work Space In Congested Area Working In Road Median

APPENDIX C-2 (cont'd)

Summary of ATWS Associated with the NGT Pipeline Project

State, Component, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		ATWS Acres Affected ^b	Existing Land Use ^c	Justification	
					Length (ft.)	Width (ft.)				
Mainline (cont.'d)										
Washtenaw	ATWS-2615	252.9	252.9	Right	180	25	0.1	ID,OL	Extra Work Space In Congested Area Working In Road Median	
Washtenaw	ATWS-4411	252.9	253.0	Left	183	155	0.6	ID,OL	Extra Work Space In Congested Area Working In Road Median	
Washtenaw	ATWS-2712	252.9	253.1	Right	803	25	0.5	ID,OL	Topsoil Segregation	
Washtenaw	ATWS-4412	252.9	253.1	Left	1,042	150	4.3	ID,OL	Spoil, Equipment and Material Storage for Congested Area Working In Road Median	
Washtenaw	ATWS-4421	253.1	253.2	Right	727	65	0.9	ID,OL	Extra Work Space In Congested Area Working In Road Median	
Washtenaw	ATWS-3877	253.2	253.3	Left	263	75	0.3	ID,OL	Bore Pull Back String	
Washtenaw	ATWS-2713	253.2	253.3	Right	144	50	0.2	ID,OL	Road Crossing	
Washtenaw	ATWS-4518	253.3	253.4	Right	677	145	3	ID,FW,OL	Road and Waterbody Crossing	
Washtenaw	ATWS-4521	253.4	253.6	Right	423	150	1.5	FW,OL	Waterbody Crossing	
Washtenaw	ATWS-4520	253.4	253.7	Left	1,550	75	2.5	ID,FW,OL	Access Around Stormwater Retention Pond	
Washtenaw	ATWS-4523	253.6	253.7	Right	355	250	2	ID,FW,OL	Road and Waterbody Crossing	
Washtenaw	ATWS-3479	253.7	253.7	Right	936	200	4.3	ID	HDD Pullback String	
Washtenaw	ATWS-4519	253.7	253.8	Left	570	75	1	ID	Bend Installation and Road Crossing	
Washtenaw	ATWS-4522	253.7	253.8	Right	600	190	2.8	ID,OL	Road Crossing	
Washtenaw	ATWS-2718	253.7	254.0	Right	1,402	100	3.2	ID,OL	HDD Pullback String	
Washtenaw	ATWS-4517	253.8	254.0	Left	935	25	0.6	ID	Access to Contractor Yard	
Washtenaw	ATWS-4524	253.8	254.0	Right	825	150	3.3	ID	Extra Work Space for Crossing Existing Underground Utilities Beneath Parking Lot	
Washtenaw	ATWS-4516	254.0	254.0	Right	340	25	0.2	ID,OL	Bend Installation	
Washtenaw	ATWS-4514	254.0	254.1	Right	476	90	0.9	ID,OL	HDD Exit Location and Parking Location	
Washtenaw	ATWS-4515	254.0	254.1	Left	587	75	1	ID,OL	HDD Exit Location	
Washtenaw	ATWS-3873	254.3	254.5	Left	790	75	1.4	ID,FW,OL	HDD Entry Location	
Washtenaw	ATWS-4513	254.4	254.5	Right	343	100	0.8	ID,FW,OL	HDD Entry Location	
Washtenaw	ATWS-4539	254.5	254.5	Right	446	50	0.5	ID,FW,OL	Wetland Crossing and HDD Tie-in Location	
Washtenaw	ATWS-4508	254.5	254.6	Left	408	25	0.2	OL	Bend Installation	
Washtenaw	ATWS-4541	254.5	254.6	Right	517	25	0.3	OL	Wetland Crossing	
Washtenaw	ATWS-4540	254.7	254.7	Right	81	25	0	FW,OL	Wetland Crossing	
Washtenaw	ATWS-2721	254.7	254.8	Left	336	75	0.6	OL	Bend Installation and Existing Pipeline Crossing	
Washtenaw	ATWS-3475	254.7	254.8	Right	256	75	0.4	OL	Waterbody and Existing Pipeline Crossing	
Washtenaw	ATWS-2740	254.8	254.9	Right	183	140	0.4	ID,FW,OL	Bend Installation and Waterbody and Wetland Crossing	
Washtenaw	ATWS-4530	254.9	255.0	Left	205	50	0.2	ID,OL	Bend Installation and Access to Existing Roadway Inside DTE Facility	
Washtenaw	ATWS-4413	255.0	255.0	Right	340	240	1.5	ID,OL	Willow Run M&R Workspace	
Mainline - Michigan Subtotal							280.6			
Total Acres Affected by NGT Project ATWS							1,359.7			

APPENDIX C-3

**PIPE/CONTRACTOR YARDS AND STAGING AREAS FOR THE NGT
PROJECT**

APPENDIX C-3

Pipe/Contractor Yards and Staging Areas for the NGT Project

State/County	Yard Name	Nearest Milepost	Construction Area (acres)	Existing Land Use ^a
OHIO				
Pipe/Contractor Yards				
Stark	Wareyard 1-1	23.0	17.2	AG/OL
Medina	Wareyard 2-1	77.0	16.0	AG/OL
Wood	Wareyard 3-1A	176.4	22.4	AG/OL/ID
Wood	Wareyard 3-1B	176.4	38.1	AG/OL
Lucas	Wareyard 3-2	186.3	75.3	AG
Staging Areas				
Columbiana	Staging Area-16	0.2 (TGP)	2.48	AG/FW
Columbiana	Staging Area-56	0.3	0.35	AG/OL/ID
Columbiana	Staging Area-51	2.6	0.12	AG/OL
Columbiana	Staging Area-52	3.7	0.13	AG/FW
Columbiana	Staging Area-53	4.1	0.34	AG
Columbiana	Staging Area-91	6.8	1.43	AG/ID
Columbiana	Staging Area-54	7.8	0.09	AG
Columbiana	Staging Area-55	8.2	0.26	AG
Columbiana	Staging Area-80	8.2	0.28	AG/FW
Columbiana	Staging Area-99	10.7	0.17	AG/OL/FW
Stark	Staging Area-57	13.3	0.09	AG
Stark	Staging Area-17	15.3	0.16	AG
Stark	Staging Area-18	15.5	0.26	AG
Stark	Staging Area-81	18.7	0.10	AG/OL
Stark	Staging Area-82	20.1	0.18	AG/OL/ID
Stark	Staging Area-59	29.3	0.22	AG/OL
Stark	Staging Area-2	32.6	2.74	AG/OL
Summit	Staging Area-4	35.8	0.24	AG
Summit	Staging Area-1	41.5	4.23	AG/OL/ID
Summit	Staging Area-5	47.4	0.20	AG
Summit	Staging Area-60	48.6	0.18	AG
Wayne	Staging Area-61	53.1	1.70	AG/OL/FW
Wayne	Staging Area-34	53.7	4.11	AG/OL/ID/FW
Medina	Staging Area-85	63.0	0.23	AG
Medina	Staging Area-86	63.8	0.09	AG/OL/ID
Medina	Staging Area-14	65.0	0.35	AG/OL
Medina	Staging Area-13	66.4	0.25	AG/ID
Medina	Staging Area-11	68.4	0.19	AG
Medina	Staging Area-12	68.5	0.35	AG
Medina	Staging Area-10	69.4	0.23	AG/OL/ID
Medina	Staging Area-9	70.8	0.15	AG/OL
Medina	Staging Area-8	70.9	0.11	OL/ID
Medina	Staging Area-7	70.9	0.29	AG/OL
Medina	Staging Area-19	72.8	0.12	AG/OL
Medina	Staging Area-21	73.1	0.14	AG/FW
Medina	Staging Area-20	73.2	0.14	AG/OL
Medina	Staging Area-88	75.9	0.23	AG
Lorain	Staging Area-62	85.6	0.10	AG/ID
Lorain	Staging Area-89	86.0	0.10	AG

APPENDIX C-3 (cont'd)

Pipe/Contractor Yards and Staging Areas for the NGT Project

State/County	Yard Name	Nearest Milepost	Construction Area (acres)	Existing Land Use ^a
Lorain	Staging Area-63	87.1	0.11	AG
Lorain	Staging Area-22	91.4	0.12	AG
Lorain	Staging Area-24	91.4	0.11	AG/FW
Lorain	Staging Area-25	92.1	0.35	AG/OL
Lorain	Staging Area-26	92.6	0.18	AG/OL/ID
Erie	Staging Area-28	110.3	0.25	OL/ID
Erie	Staging Area-30	115.9	0.11	AG
Erie	Staging Area-29	116.0	0.29	AG/FW
Erie	Staging Area-31	116.6	0.13	FW
Erie	Staging Area-32	117.6	0.09	AG/OL
Erie	Staging Area-33	119.8	0.17	AG/ID
Erie	Staging Area-37	128.3	0.11	AG/ID
Erie	Staging Area-79	128.9	0.21	AG/ID
Sandusky	Staging Area-94	131.6	3.48	AG/OL/ID
Sandusky	Staging Area-38	132.7	0.16	AG
Sandusky	Staging Area-93	133.3	3.06	AG/OL
Sandusky	Staging Area-64	138.6	0.14	AG/OL/ID
Sandusky	Staging Area-41	147.6	0.06	AG/OL
Sandusky	Staging Area-65	155.1	0.05	AG/OL
Sandusky	Staging Area-66	158.6	0.20	AG/OL/ID
Wood	Staging Area-67	163.9	0.13	AG/OL/ID
Wood	Staging Area-69	165.3	0.22	AG/ID
Wood	Staging Area-70	166.6	0.19	AG/OL/ID
Wood	Staging Area-71	166.7	0.26	AG
Wood	Staging Area-72	171.2	0.13	AG
Wood	Staging Area-73	175.0	0.20	AG/OL/ID
Wood	Staging Area-74	179.1	0.12	AG
Wood	Staging Area-75	179.2	0.29	AG/OL/ID
Wood	Staging Area-76	180.0	0.12	AG/OL
Lucas	Staging Area-78	182.3	0.20	AG
Fulton	Staging Area-96	200.8	0.17	AG
Fulton	Staging Area-3	208.2	4.54	AG
Fulton	Staging Area-97	208.2	0.15	AG
Ohio Contractor/Pipe Yard Total			169.0	
Ohio Staging Area Total			39.3	
Ohio Total			208.3	
MICHIGAN				
Pipe/Contractor Yards				
Lenawee	Wareyard 4-1	228.0	41.9	AG/OL/ID
Washtenaw	Wareyard 4-3	250.0	13.4	AG/FW
Washtenaw	Wareyard 4-4	254.0	9.9	ID/OL
Staging Areas				
Lenawee	Staging Area-98	208.3	0.15	AG
Lenawee	Staging Area-6	208.4	5.86	AG
Lenawee	Staging Area-50	226.5	0.39	AG/OL
Lenawee	Staging Area-49	229.5	0.18	AG/OL
Washtenaw	Staging Area-47	237.1	0.32	AG/OL
Washtenaw	Staging Area-46	239.7	0.15	AG/ID

APPENDIX C-3 (cont'd)

Pipe/Contractor Yards and Staging Areas for the NGT Project

State/County	Yard Name	Nearest Milepost	Construction Area (acres)	Existing Land Use ^a
Washtenaw	Staging Area-44	242.3	0.18	AG/OL
Washtenaw	Staging Area-43	246.2	0.18	AG/OL/ID
Washtenaw	Staging Area-42	247.4	0.99	AG/ID
Washtenaw	Staging Area-92	250.3	0.95	AG/FW
Michigan Contractor/Pipe Yard Total			65.2	
Michigan Staging Area Total			9.4	
Michigan Total			74.6	
NGT Project Total			282.9	

^a Land use types: AG = Agricultural; ID = Industrial/Commercial; OL = Open Land; and FW = Forested Woodland
 Note: The totals shown in this table may not equal the sum of addends due to rounding

APPENDIX C-4

**PROPOSED NEW, IMPROVED, AND PRIVATE ACCESS ROADS FOR THE
NGT AND TEAL PROJECTS**

APPENDIX C-4

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
NGT PROJECT									
Ohio									
Mainline									
TAR-0.3	Hanover	0.3	New	Temporary	Gr	25 x 1125	C/G/S	0.6	0.0
TAR-2.6	Hanover	2.6	New	Temporary	Gr	25 x 655	C/G/S	0.4	0.0
TAR-3.7	Hanover	3.7	New	Temporary	Gr	25 x 230	C/G/S	0.1	0.0
TAR-4.4 R	West	4.4	New and Existing	Temporary	D/Gr	25 x 2913	G/S	1.7	0.0
TAR-4.8	West	4.8	New	Temporary	Gr	25 x 178	G/S	0.1	0.0
TAR-7.3 R	West	7.3	Existing	Temporary	G	25 x 376	G/S/W	0.2	0.0
TAR-7.8	West	7.8	New	Temporary	Gr	25 x 524	G/S	0.3	0.0
TAR-8.2	West	8.2	New and Existing	Temporary	G/Gr	25 x 1579	G/S/W	0.9	0.0
TAR-10.8	Knox	10.8	New	Temporary	Gr	25 x 1063	C/G/S	0.6	0.0
TAR-13.5	Washington	13.5	New	Temporary	Gr	25 x 850	C/G/S	0.5	0.0
TAR-15.4	Washington	15.4	New and Existing	Temporary	D/G/Gr	25 x 2672	C/G/S/W	1.5	0.0
TAR-18.6	Washington	18.6	New	Temporary	Gr	25 x 1380	G/S	0.8	0.0
TAR-20.4	Nimishillen	20.4	New	Temporary	Gr	25 x 1363	G/S	0.8	0.0
TAR-22.9	Marlboro	22.9	Existing	Temporary	A/G	25 x 165	G/P/S/W	0.1	0.0
TAR-23.1	Marlboro	23.1	New	Temporary	Gr	50 x 35	C/G/S	0.0	0.0
TAR-29.1	Lake	29.1	New and Existing	Temporary	G/Gr	25 x 1599	G/S/W	0.9	0.0
TAR-33.2	Lake	33.2	New	Temporary	Gr	25 x 274	C/G/S/W	0.2	0.0
TAR-33.5 R	Lake	33.5	Existing	Temporary	D	75 x 33	G/S/W	0.1	0.0
TAR-35.6	Green	35.6	New and Existing	Temporary	G/Gr	25 x 2629	G/S/W	1.5	0.0
TAR-39.8 R	Green	39.8	New and Existing	Temporary	A/Gr	25 x 93	G/P/S	0.1	0.0
TAR 40.8 R	Green	40.8	Existing	Temporary	A/G	25 x 3833	P/S/W	2.2	0.0
TAR-43.7 R	New Franklin	43.7	Existing	Temporary	G	25 x 824	S/W	0.5	0.0
TAR-44.1	New Franklin	44.1	Existing	Temporary	D	20 x 197	G/S	0.1	0.0
TAR-44.3	New Franklin	44.3	New and Existing	Temporary	G/Gr	25 x 135	G/S/W	0.1	0.0
TAR-47.4	New Franklin	47.4	New	Temporary	Gr	25 x 736	C/G/S/W	0.4	0.0

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APPENDIX C-4 (cont'd)

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
Mainline (cont'd)									
TAR-48.5	New Franklin	48.5	New and Existing	Temporary	G/Gr	25 x 2235	C/G/S	1.3	0.0
TAR-52.4 R	Chippewa	52.4	Existing	Temporary	G	25 x 1699	G/S/W	1.0	0.0
TAR-53.5	Doylestown	53.5	Existing	Temporary	C/G	25 x 299	S	0.2	0.0
TAR-53.6	Doylestown	53.6	New	Temporary	Gr	25 x 530	C/G/S/W	0.3	0.0
TAR-56.2	Chippewa	56.2	Existing	Temporary	D/G	25 x 689	G/S	0.4	0.0
TAR-63.1	Guilford	63.1	New and Existing	Temporary	D/Gr	25 x 1954	G/S	1.1	0.0
TAR-63.8	Guilford	63.8	Existing	Temporary	G	25 x 544	C/G/S	0.3	0.0
TAR-64.9	Guilford	64.9	New and Existing	Temporary	D/Gr	25 x 1045	C/G/S	0.6	0.0
TAR-66.4	Montville	66.4	New and Existing	Temporary	D/Gr	25 x 1073	G/S	0.6	0.0
TAR-68.3	Lafayette	68.3	New	Temporary	Gr	25 x 670	C/G/S/W	0.4	0.0
TAR-68.6	Lafayette	68.6	New	Temporary	Gr	25 x 1275	G/S	0.7	0.0
TAR- 69.6 R	Lafayette	69.6	Existing	Temporary	G	25 x 1100	G/S	0.6	0.0
TAR-70.1 R	Lafayette	70.1	Existing	Temporary	C/G	25 x 2940	P/S	1.7	0.0
TAR-70.8a	Lafayette	70.8	New	Temporary	Gr	25 x 282	C/G/S	0.2	0.0
TAR-70.8b	Lafayette	70.8	Existing	Temporary	G	25 x 308	G/S	0.2	0.0
TAR-70.9	Lafayette	70.9	New	Temporary	Gr	25 x 496	C/G/S	0.3	0.0
TAR-72.8 R	Lafayette	72.8	New	Temporary	Gr	25 x 607	C/G/S/W	0.3	0.0
TAR-73.1	Lafayette	73.1	New and Existing	Temporary	G/Gr	25 x 1531	C/G/S/W	0.9	0.0
TAR-73.6	Lafayette	73.6	Existing	Temporary	C	25 x 45	P/W	0.0	0.0
TAR-75.8	York	75.8	New and Existing	Temporary	C/G/Gr	25 x 1908	G/S/W	1.1	0.0
TAR-76.1 R	York	76.1	Existing	Temporary	G	25 x 1078	C/G/S/W	0.6	0.0
TAR-76.8a	York	76.8	Existing	Temporary	G	25 x 791	C/G/S/W	0.5	0.0
TAR-76.8b	York	76.8	Existing	Temporary	G	25 x 542	C/G/S/W	0.3	0.0
TAR-85.5	Grafton	85.5	New	Temporary	Gr	25 x 1235	G/S	0.7	0.0
TAR-85.9a	Grafton	85.9	New	Temporary	Gr	25 x 51	G/S	0.0	0.0
TAR-85.9b	Grafton	85.9	New	Temporary	Gr	25 x 283	C/G/S	0.2	0.0
TAR-87.0	La Grange	87.0	New	Temporary	Gr	25 x 249	C/G/S	0.1	0.0

APPENDIX C-4 (cont'd)

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
Mainline (cont'd)									
TAR-91.4	La Grange	91.4	New	Temporary	Gr	25 x 1421	G/S/W	0.8	0.0
TAR-92.1	Pittsfield	92.1	New	Temporary	Gr	25 x 597	G/S	0.3	0.0
TAR-92.2	Pittsfield	92.2	Existing	Temporary	G/D	12 x 639	G/S	0.2	0.0
TAR- 92.6 R	Pittsfield	92.6	Existing	Temporary	D/G	25 x 463	C/G/S	0.3	0.0
TAR-95.7	New Russia	95.7	Existing	Temporary	G	25 x 2054	S	1.2	0.0
TAR-99.2a	Camden	99.2	New and Existing	Temporary	G/Gr	25 x 210	G/S	0.1	0.0
TAR-99.2b R	Camden	99.2	New and Existing	Temporary	G/Gr	25 x 101	C/G/S	0.1	0.0
TAR-110.2	Berlin	110.2	New and Existing	Temporary	A/Gr	25 x 1156	G/P/S	0.7	0.0
TAR-111.6	Berlin Heights	111.6	Existing	Temporary	D/G	25 x 526	G/S/W	0.3	0.0
TAR-115.8	Milan	115.8	New and Existing	Temporary	G/Gr	25 x 3806	G/S	2.2	0.0
TAR-115.9 R	Milan	115.9	New	Temporary	Gr	25 x 1351	G/S/W	0.8	0.0
TAR-116.5	Milan	116.5	Existing	Temporary	G	25 x 687	G/S/W	0.4	0.0
TAR-116.8	Milan	116.8	Existing	Temporary	G	25 x 171	G/S	0.1	0.0
TAR-117.6	Milan	117.6	New and Existing	Temporary	D/Gr	25 x 487	C/G/S	0.3	0.0
TAR-117.8	Milan	117.8	Existing	Temporary	D	25 x 1365	C/G/S	0.8	0.0
TAR-119.4	Milan	119.4	Existing	Temporary	C/G	25 x 305	P/S	0.2	0.0
TAR-119.8	Milan	119.8	New and Existing	Temporary	C/Gr	25 x 1880	G/P/S	1.1	0.0
TAR-124.0	Oxford	124.0	Existing	Temporary	G	25 x 4144	G/S	2.4	0.0
TAR-128.3	Groton	128.3	New	Temporary	Gr	25 x 385	C/G/S	0.2	0.0
TAR-128.9	Groton	128.9	New	Temporary	Gr	25 x 841	C/G/S	0.5	0.0
TAR-132.7	Townsend	132.7	New	Temporary	Gr	25 x 1385	C/G/S	0.8	0.0
TAR-133.3	Townsend	133.3	Existing	Temporary	G	25 x 46	G/S	0.0	0.0
TAR-138.7	Riley	138.7	New	Temporary	Gr	25 x 503	C/G/S	0.3	0.0
TAR-143.2	Riley	143.2	New	Temporary	Gr	38 x 184	C/G/S	0.2	0.0
TAR-143.3	Riley	143.3	Existing	Temporary	G	50 x 226	G/S	0.3	0.0
TAR-147.7	Sandusky	147.7	New	Temporary	Gr	25 x 262	C/G/S	0.2	0.0
TAR-155.1	Washington	155.1	New	Temporary	Gr	25 x 215	G/S	0.1	0.0

APPENDIX C-4 (cont'd)

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
Mainline (cont'd)									
TAR-158.6	Woodville	158.6	Existing	Temporary	G	25 x 1193	G/S	0.7	0.0
TAR-163.9	Troy	163.9	Existing	Temporary	G/D	25 x 1066	C/G/S	0.6	0.0
TAR-165.5	Troy	165.5	New and Existing	Temporary	G/Gr	25 x 2477	C/G/S	1.4	0.0
TAR-166.8	Troy	166.8	New and Existing	Temporary	G/Gr	25 x 3193	C/G/S	1.8	0.0
TAR-171.2	Webster	171.2	New and Existing	Temporary	D/Gr	25 x 574	C/G/S	0.3	0.0
TAR-173.9	Middleton	173.9	New	Temporary	Gr	25 x 513	G/S	0.3	0.0
TAR-174.5	Middleton	174.5	Existing	Temporary	D	25 x 42	G/S	0.0	0.0
TAR-175.1	Middleton	175.1	New	Temporary	Gr	25 x 1276	G/S	0.7	0.0
TAR-176.7	Middleton	176.7	New	Temporary	Gr	50 x 33	C/G/S	0.0	0.0
TAR-179.1	Middleton	179.1	New	Temporary	Gr	25 x 646	G/S	0.4	0.0
TAR-179.2	Middleton	179.2	New	Temporary	Gr	25 x 1599	G/S	0.9	0.0
TAR-179.9	Middleton	179.9	New	Temporary	Gr	25 x 1224	C/G/S	0.7	0.0
TAR-180.1	Haskins	180.1	New	Temporary	Gr	25 x 940	G/S	0.5	0.0
TAR-181.3	Middleton	181.3	New and Existing	Temporary	D/Gr	25 x 159	C/G/S	0.1	0.0
TAR-182.1	Waterville	182.1	New and Existing	Temporary	G/Gr	25 x 3103	G/S	1.8	0.0
TAR-185.3	Waterville	185.3	New	Temporary	Gr	25 x 147	C/G/S	0.1	0.0
TAR-200.7	Fulton	200.7	New and Existing	Temporary	G/Gr	25 x 1291	C/G/S	0.7	0.0
TAR-208.2	Amboy	208.2	New	Temporary	Gr	25 x 650	C/G/S	0.4	0.0
Facilities									
PAR-0.0a	Franklin	TPG 0.0	New	Permanent	Gr	15 x 300	G/S	0.1	0.1
PAR-0.0b	Hanover	0.0/TGP 0.9	New	Permanent	Gr	15 x 34	G/S	<0.1	<0.1
PAR-1.4	Hanover	1.4	New	Permanent	Gr	20 x 92	C/G/P/S	<0.1	<0.1
PAR-16.7 R	Washington	16.7	New	Permanent	Gr	15 x 103*	C/G/S	<0.1	<0.1
PAR-32.6	Greentown	32.6	New	Permanent	Gr	25 x 275	C/G/S	0.2	0.2
PAR-40.1 R	Green	40.1	New	Permanent	Gr	15 x 63*	C/G/S/W	<0.1	<0.1
PAR-50.5	Chippewa	50.5	New	Permanent	Gr	15 x 87*	C/G/S	<0.1	<0.1

APPENDIX C-4 (cont'd)

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
Facilities (cont'd)									
PAR-57.5	Rittman	57.5	New and Existing	Permanent	D/Gr	15 x 331	C/G/S	0.1	0.1
PAR-58.1	Wadsworth	58.1	New	Permanent	Gr	15 x 125*	C/G/S	<0.1	<0.1
PAR-63.4	Guilford	63.4	New	Permanent	Gr	20 x 2057	C/G/P/S	0.9	0.9
PAR-71.8	Lafayette	71.8	New and Existing	Permanent	G/Gr	25 x 456	G/S	0.3	0.3
PAR-89.2	La Grange	89.2	New	Permanent	Gr	15 x 52*	C/G/S	<0.1	<0.1
PAR-96.8	Pittsfield	96.8	New	Permanent	Gr	15 x 85*	C/G/S	<0.1	<0.1
PAR-116.3	Milan	116.3	New	Permanent	Gr	15 x 350*	G/S	0.1	0.1
PAR-124.8	Oxford	124.8	New	Permanent	Gr	15 x 58*	C/G/S	<0.1	<0.1
PAR-128.8	Groton	128.8	New	Permanent	Gr	30 x 427	C/G/S	0.3	0.3
PAR-134.1	Townsend	134.1	New	Permanent	Gr	20 x 18	C/G/P/S	<0.1	<0.1
PAR-151.7	Washington	151.7	New	Permanent	Gr	15 x 137*	C/G/S	<0.1	<0.1
PAR-159.3	Woodville	159.3	New and Existing	Permanent	D/Gr	25 x 1831	C/G/S	1.1	1.1
PAR-167.8	Troy	167.8	New	Permanent	Gr	15 x 85	C/G/S	<0.1	<0.1
PAR-183.4	Waterville	183.4	New	Permanent	Gr	20 x 50	C/G/P/S	<0.1	<0.1
PAR-189.2	Providence	189.2	New	Permanent	Gr	15 x 333*	G/S	0.1	0.1
Michigan									
Mainline									
TAR-208.3	Ogden	208.3	New	Temporary	Gr	25 x 610	C/G/S	0.4	0.0
TAR-220.7	Blissfield	220.7	New	Temporary	Gr	25 x 22	G/S	<0.1	0.0
TAR-226.4	Ridgeway	226.4	New	Temporary	Gr	25 x 1406	CG/S	0.8	0.0
TAR-228.0	Ridgeway	228.0	New	Temporary	Gr	35 x 45	CG/S	<0.1	0.0
TAR-229.6	Ridgeway	229.6	New	Temporary	G	25 x 1028	G/S	0.6	0.0
TAR-230.7	Milan	230.7	New	Temporary	Gr	25 x 383	C/G/S	0.2	0.0
TAR-237.2	York	237.2	New	Temporary	Gr	25 x 2247	C/G/S	1.3	0.0
TAR-239.6	York	239.6	New and Existing	Temporary	G/Gr	25 x 1327	C/G/S	0.8	0.0
TAR-242.4	Augusta	242.4	Existing	Temporary	G	25 x 505	C/G/S	0.3	0.0
TAR-246.2	Augusta	246.2	New	Temporary	Gr	25 x 1846	C/G/S	1.1	0.0
TAR 248.1	Ypsilanti	248.1	New	Temporary	Gr	25 x 36	C/G/S	<0.1	0.0

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APPENDIX C-4 (cont'd)

Proposed New, Improved, and Private Access Roads for the NGT and TEAL Projects

State, County, Access Road ID	Municipality/Township	Milepost ^a	New or Existing	Proposed for Temporary or Permanent Use ^b	Existing Surface ^c	Road Dimensions Width x Length (feet)	Proposed Improvement (Y/N) ^d	Construction Area (acres)	Operation Area (acres)
Mainline (cont'd)									
TAR-249.9	Ypsilanti	249.9	New	Temporary	Gr	25 x 59	C/G/S/W	<0.1	0.0
TAR-250.1	Ypsilanti	250.1	Existing	Temporary	A	30 x 30	P	<0.1	0.0
TAR-250.2	Ypsilanti	250.2	New and Existing	Temporary	A/G/Gr	25 x 1777	G/S/W	1.0	0.0
TAR-251.1	Ypsilanti	251.1	Existing	Temporary	A/G	25 x 1518	G/P/S	0.9	0.0
TAR-251.7	Ypsilanti	251.7	New	Temporary	Gr	25 x 434	G/S/W	0.2	0.0
TAR-254.4 R	Ypsilanti	254.4	New and Existing	Temporary	A/Gr	25 x 951	G/P/S/W	0.5	0.0
TAR-255.0 R	Ypsilanti	255.0	Existing	Temporary	A/G	25 x 347	C/G/S	0.2	0.0
Facilities									
PAR-208.9	Ogden	208.9	New	Permanent	Gr	15 x 80*	C/G/S	<0.1	<0.1
PAR-228.2	Ridgeway	228.2	New	Permanent	Gr	15 x 225*	C/G/S	0.1	0.1
PAR-247.4	Augusta	247.4	New	Permanent	Gr	15 x 84*	C/G/S	<0.1	<0.1
PAR-255.1	Ypsilanti	255.1	Existing	Permanent	A/G	15 x 448	C/P	0.2	0.2
NGT Project Ohio Total								58.6	3.2
NGT Project Michigan Total								8.6	0.3
NGT Project Total								67.1	3.5
TEAL PROJECT									
PAR-01	Sunsbury	0.1		Permanent	Gr	20 x 741	TBD	0.3	0.3
TAR-02	Switzerland	0.8		Temporary	Gr	20 x 2924	TBD	1.3	0.0
TAR-03	Switzerland	1.0		Temporary	Gr	20 x 2235	TBD	1	0.0
TAR-04	Switzerland	2.0		Temporary	Gr	20 x 2709	TBD	1.2	0.0
TAR-05	Switzerland	3.0		Temporary	D	20 x 714	TBD	0.3	0.0
PAR-06	Switzerland	4.5		Permanent	Gr	20 x 749	TBD	0.3	0.3
TEAL Project Total								4.4	0.6
Ohio Total								63.0	3.8
Michigan Total								8.6	0.3
Project Total								71.6	4.1

APPENDIX C-5

SUMMARY OF ATWS ASSOCIATED WITH THE TEAL PIPELINE PROJECT

APPENDIX C-5

Summary of ATWS Associated with the TEAL Project

State, Facility, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		Area Affected (acres) ^b	Existing Land Use ^c	Justification
					Length (ft.)	Width (ft.)			
OHIO									
Pipeline Loop									
Monroe	ATWS-01	0.0	0.1	Left	775	400	6.2	AG, FW, OL	Start, End, or Connection Point, Road Crossing, Access Road Entry, Topsoil Segregation
Monroe	ATWS-02	0.1	0.6	Left	2925	35	2.4	FW, OL	Road Crossing, Existing Utility Crossing, Severe Slope, Topsoil Segregation
Monroe	ATWS-03	0.5	0.7	Right	1058	35	0.9	FW, OL	Existing Utility Crossing, Severe Slope
Monroe	ATWS-04	0.7	0.8	Left	340	67	0.5	FW, OL	Access Road Entry, Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-05	0.8	1.0	Right	970	35	0.8	FW, OL	Existing Utility Crossing, Severe Slope
Monroe	ATWS-06	0.9	1.0	Left	629	35	0.5	FW, OL	Existing Utility Crossing, Access Road Entry, Severe Slope
Monroe	ATWS-07	1.1	1.2	Right	300	40	0.3	OL	Severe Slope
Monroe	ATWS-08	1.1	1.2	Left	451	20	0.2	FW	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-09	1.2	1.3	Left	555	20	0.3	FW	Road Crossing, Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-10	1.2	1.5	Left	1372	35	1.1	AG, ID, FW, OL	Road Crossing, Severe Slope, Topsoil Segregation
Monroe	ATWS-11	1.6	1.6	Left	100	35	0.1	FW	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-12	1.6	1.6	Left	216	35	0.2	FW	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-13	1.6	1.7	Left	89	15	0.0	OW, FW, OL	Severe Slope
Monroe	ATWS-14	1.7	1.9	Left	1140	35	0.9	AG, FW, OL	Wetland Crossing, Stream Crossing, Severe Slope, Topsoil Segregation
Monroe	ATWS-15	1.9	2.0	Left	618	35	0.5	FW	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-16	2.0	2.0	Left	142	50	0.1	FW, OL	Access Road Entry
Monroe	ATWS-17	2.0	2.1	Right	331	15	0.1	OL	Access Road Entry, Severe Slope
Monroe	ATWS-18	2.0	2.2	Left	640	35	0.5	FW, OL	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-19	2.2	2.2	Left	140	35	0.1	OL	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-20	2.3	2.3	Right	227	15	0.1	AG, OL	Severe Slope, Topsoil Segregation
Monroe	ATWS-20-A	2.5	2.5	Left	269	20	0.1	FW, OL	Wetland Crossing, Stream Crossing, Severe Slope
Monroe	ATWS-21	2.5	2.5	Right	276	181	1.0	ID, FW, OL	Road Crossing, Existing Utility Crossing, Severe Slope, Topsoil Segregation
Monroe	ATWS-22	2.5	2.6	Left	101	35	0.1	FW, OL	Road Crossing, Existing Utility Crossing, Severe Slope
Monroe	ATWS-23	2.6	2.6	Left	275	35	0.2	AG	Road Crossing, Severe Slope, Topsoil Segregation

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APPENDIX C-5 (cont'd)

Summary of ATWS Associated with the TEAL Project

State, Facility, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		Area Affected (acres) ^b	Existing Land Use ^c	Justification	
					Length (ft.)	Width (ft.)				
Monroe	ATWS-24	2.6	2.8	Left	1042	35	0.8	AG, FW, OL	Severe Slope, Topsoil Segregation	
Monroe	ATWS-25	2.8	2.9	Left	229	20	0.1	FW, OL	Severe Slope, Topsoil Segregation	
Monroe	ATWS-26	2.9	3.0	Left	457	20	0.2	FW, OL	Severe Slope, Topsoil Segregation	
Monroe	ATWS-27	3.0	3.0	Left	110	35	0.1	OL	Access Road Entry, Wetland Crossing, Stream Crossing, Severe Slope, Topsoil Segregation	
Monroe	ATWS-28	3.1	3.1	Left	100	35	0.1	FW	Wetland Crossing, Stream Crossing, Severe Slope	
Monroe	ATWS-29	3.1	3.3	Left	878	35	0.8	FW, OL	Existing Utility Crossing, Severe Slope, Topsoil Segregation	
Monroe	ATWS-30	3.3	3.3	Left	150	32	0.1	OL	Existing Utility Crossing	
Monroe	ATWS-31	3.3	3.5	Left	898	35	0.8	ID, FW, OL	Road Crossing, Existing Utility Crossing, Topsoil Segregation	
Monroe	ATWS-32	3.5	3.6	Left	656	65	0.9	AG, ID, FW	Road Crossing, Severe Slope, Topsoil Segregation	
Monroe	ATWS-33	3.6	3.8	Left	920	35	0.8	AG, FW, OL	Road Crossing, Existing Utility Crossing, Severe Slope, Topsoil Segregation	
Monroe	ATWS-34	3.8	4.1	Right	1531	35	1.3	AG, FW, OL	Existing Utility Crossing, Severe Slope, Topsoil Segregation	
Monroe	ATWS-35	4.1	4.2	Right	445	35	0.3	FW	Wetland Crossing, Stream Crossing, Severe Slope	
Monroe	ATWS-36	4.2	4.3	Right	349	35	0.3	FW	Wetland Crossing, Stream Crossing, Severe Slope	
Monroe	ATWS-37	4.3	4.3	Right	128	35	0.1	FW	Wetland Crossing, Stream Crossing, Severe Slope	
Monroe	ATWS-38	4.3	4.4	Right	645	25	0.4	FW, OL	Start, End, or Connection Point, Severe Slope, Topsoil Segregation	
Monroe	ATWS-39	4.4	4.4	Left	744	243	2.7	OL	Start, End, or Connection Point, Access Road Entry, Topsoil Segregation	
					Pipeline Loop Total		27.0			
Connecting Pipeline										
Columbiana	ATWS-40	0.0	0.0	South	117	325	1.4	OL	Start, End, or Connection Point, Existing Utility Crossing, Topsoil Segregation	
Columbiana	ATWS-41	0.0	0.0	Left	65	87	0.2	OL	Start, End, or Connection Point, Topsoil Segregation	
Columbiana	ATWS-42	0.0	0.1	Right	524	128	0.9	OL	Start, End, or Connection Point, Topsoil Segregation	
Columbiana	ATWS-43	0.1	0.1	Left	414	65	0.6	OL	Wetland Crossing, Stream Crossing, Topsoil Segregation	
Columbiana	ATWS-44	0.3	0.3	North	411	474	4.5	OL	Start, End, or Connection Point	
					Connecting Pipeline Total		7.5			
Line 73 Regulator Site										
Monroe	ATWS-45	74.1 ^d	74.1 ^d	Left	592	392	4.3	OL	Start, End, or Connection Point, Topsoil Segregation	
					Line 73 Regulator Site Total		4.3			

C-5-2

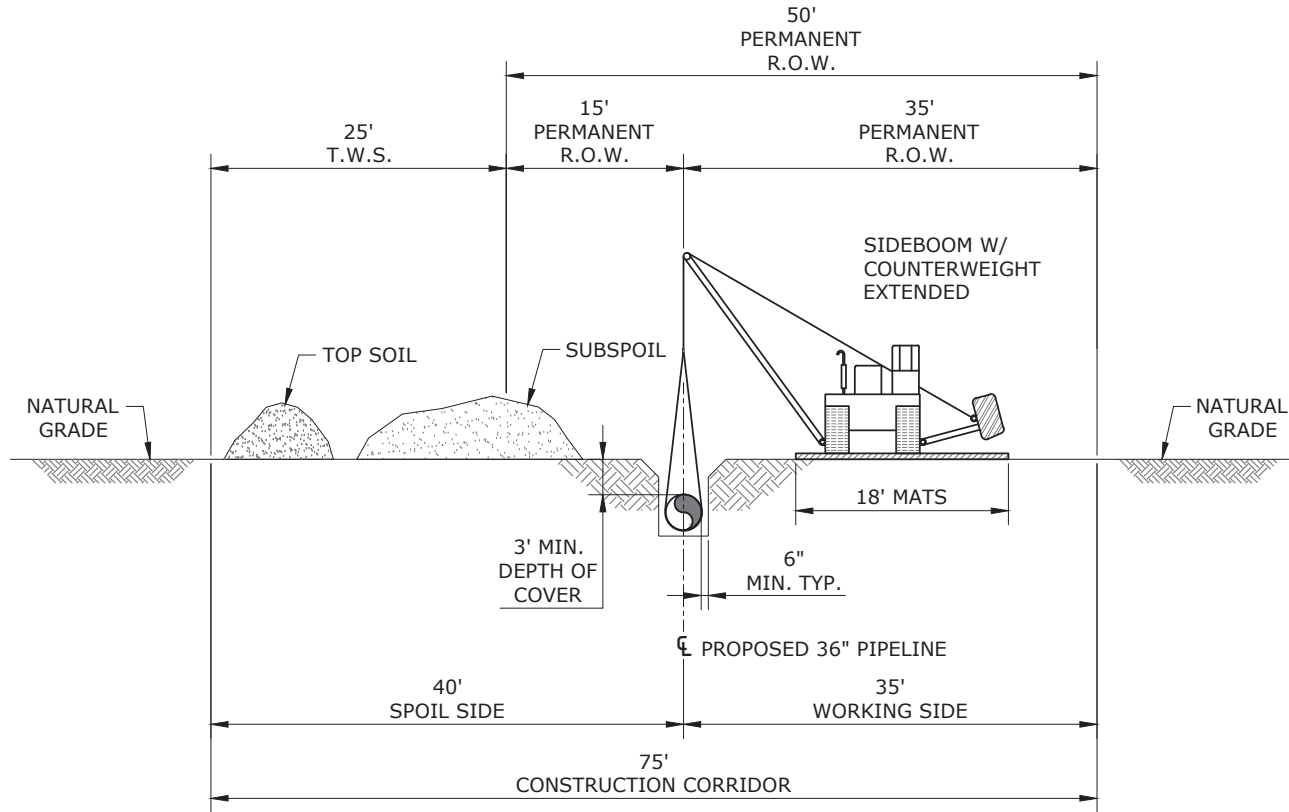
APPENDIX C-5 (cont'd)

Summary of ATWS Associated with the TEAL Project

State, Facility, County	ATWS ID	Start MP	End MP	Side of Work Area	Approximate Dimensions ^a		Area Affected (acres) ^b	Existing Land Use ^c	Justification	
					Length (ft.)	Width (ft.)				
Line 73 Launcher/Receiver Site										
Monroe	ATWS-46	75.8 ^d	75.8 ^d	Left	315	80	0.5	OL	Start, End, or Connection Point, Topsoil Segregation	
Monroe	ATWS-47	75.8 ^d	75.8 ^d	Right	150	25	0.1	OL	Start, End, or Connection Point, Topsoil Segregation	
Line 73 Launcher/Receiver Site Total							0.6			
Total Acres Affected by TEAL Project ATWS							39.5			
a	Dimensions provided are approximate, as some ATWS are irregularly shaped. The approximate dimensions of two sides of irregularly shaped ATWS are provided and, as such, may not match acreage provided.									
b	Acreage was calculated using GIS software and represents the actual acreage of each ATWS. For this reason, the approximate length and width provided for irregularly shaped ATWS may not match total acres provided.									
c	Open Land = OL (non-agricultural), AG = Agricultural, FW = Forested/Woodland, ID = Industrial/Commercial, RE = Residential, OW = Open Water.									
d	Mileposts are associated with Line 73.									

APPENDIX D

TYPICAL RIGHT-OF-WAY CONFIGURATIONS



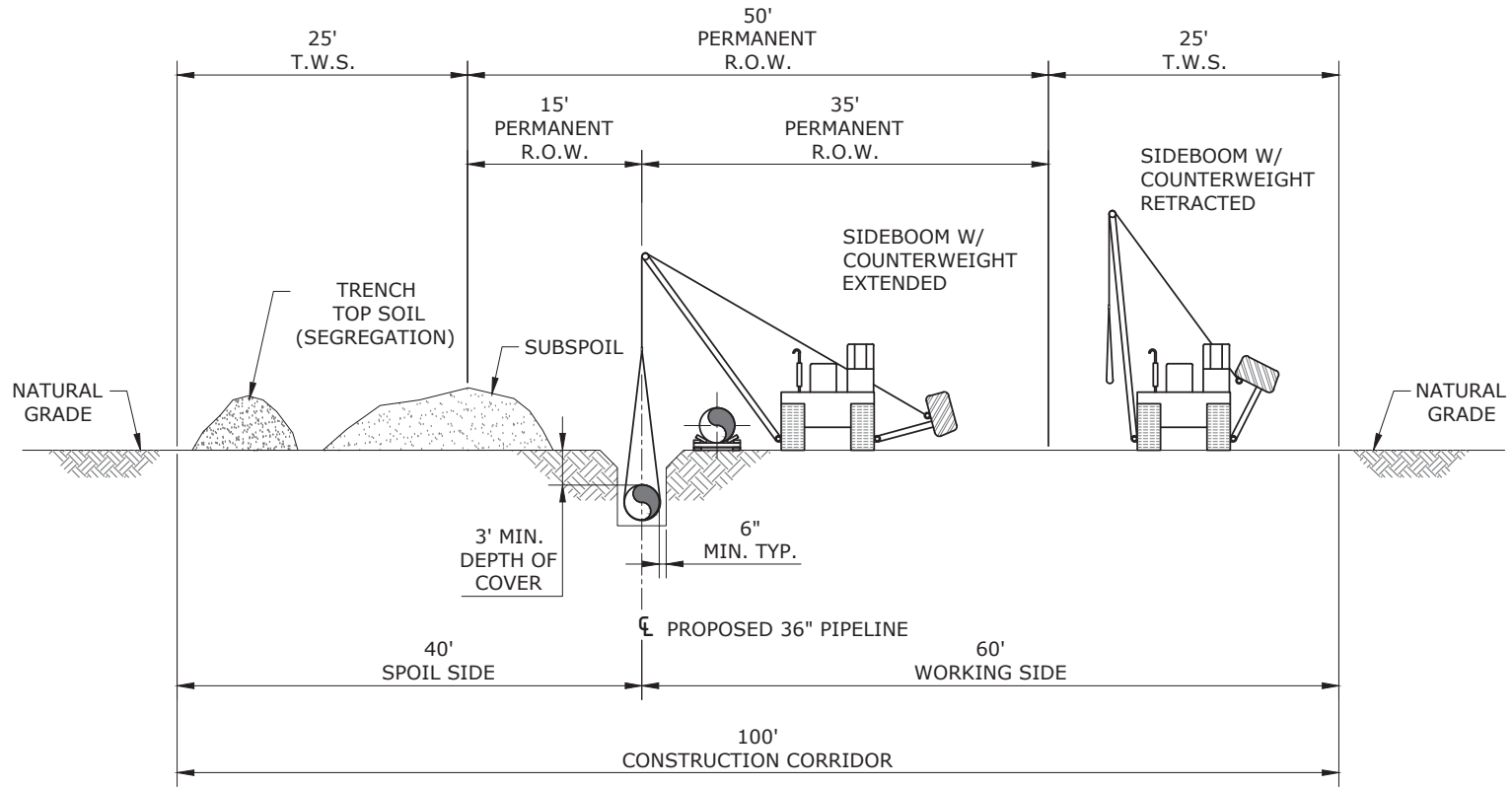
TYPICAL 75' CONSTRUCTION CORRIDOR
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. CONTRACTORS MAY REQUEST TO PLACE TOP SOIL TO THE WORKING SIDE OF THE CONSTRUCTION R.O.W. WHEN DEEMED FIT.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15		TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL WETLAND CONSTRUCTION 75ft CORRIDOR DETAIL -METHOD #1	
CHECKED BY:	DC	230ct15	YR.: 2017		
DRAWN BY:	RVE	230ct15	W.O.		
SCALE:	NTS	DATE	REV.: 0	LOC.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8000



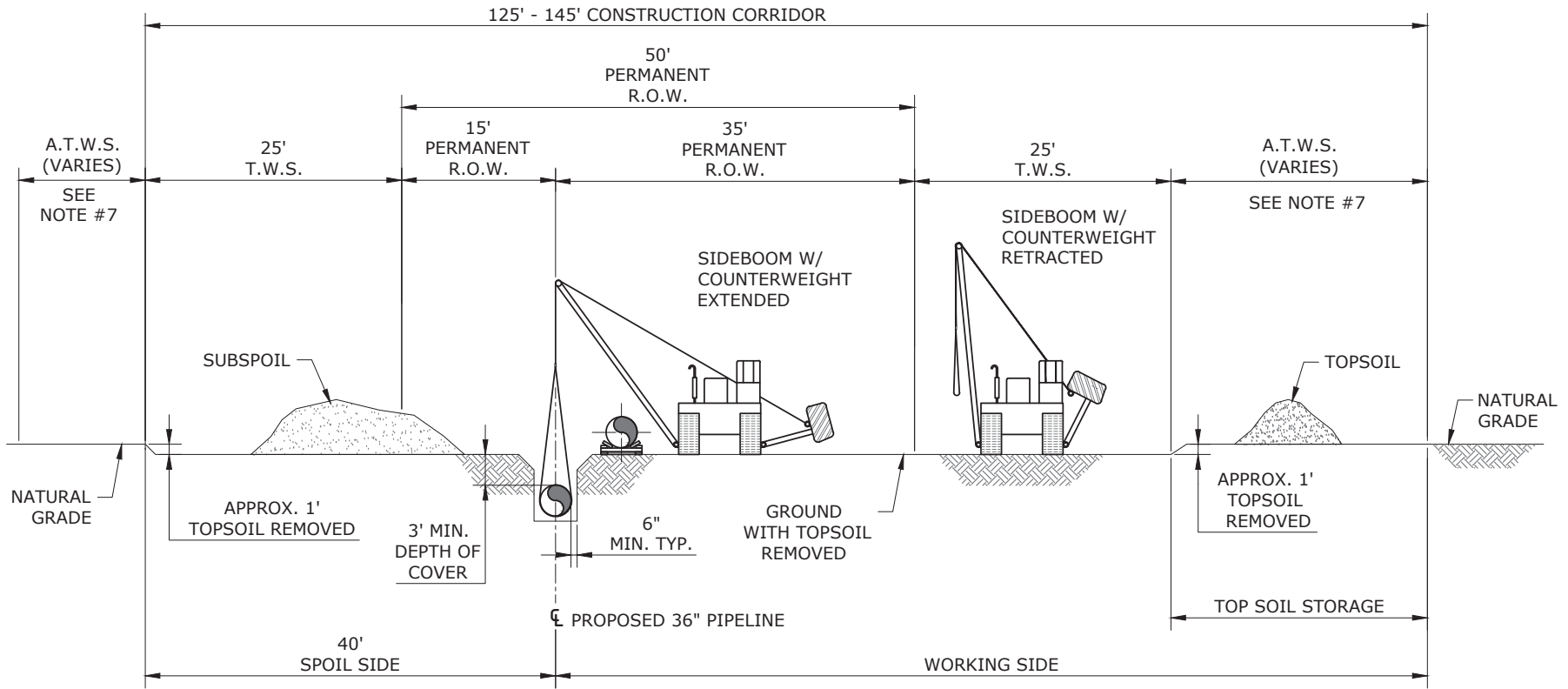
TYPICAL 100' CONSTRUCTION CORRIDOR
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. CONTRACTOR MAY REQUEST TO PLACE TOP SOIL TO WORKING SIDE OF THE CONSTRUCTION R.O.W. WHEN DEEMED FIT.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE UPLAND CONSTRUCTION 100' CORRIDOR DETAIL -METHOD #2	
CHECKED BY:	DF	230ct15			
DRAWN BY:	RVE	230ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8001



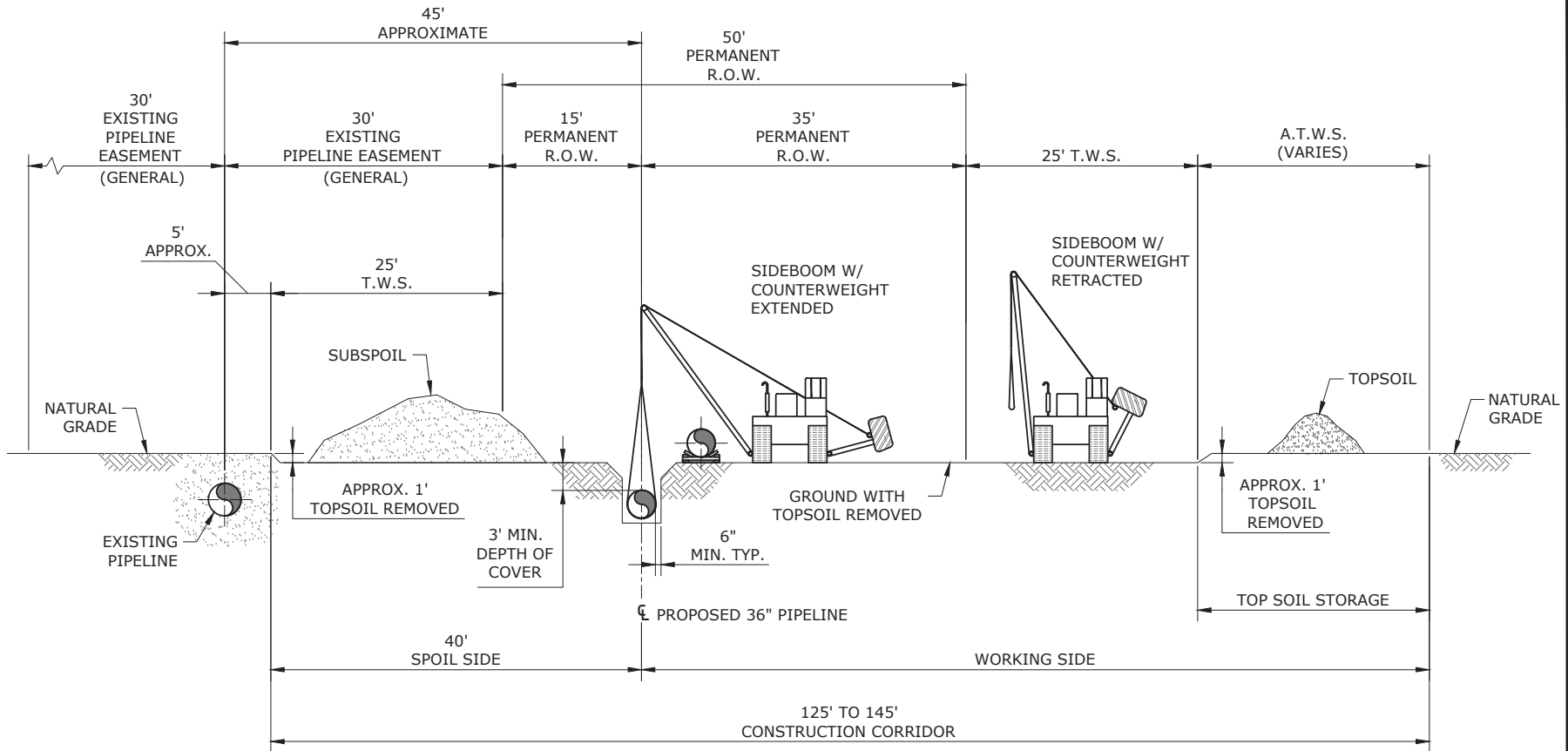
TYPICAL 125' - 145' CONSTRUCTION CORRIDOR
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. USE IN AREAS OF DRAIN TILE CROSSINGS, TOPSOIL SEGREGATION AND/ OR SIDE SLOPE.
5. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SANDBAGS AND CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
6. ATWS: POTENTIALLY USED WHEN DRAIN TILES ARE ENCOUNTERED.
7. TOPSOIL TO BE STORED ON SIDE OF ROW AS INDICATED BY 25 FT ATWS SHOWN ON PIPELINE ALIGNMENT SHEETS.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	210ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL AGRICULTURAL MAINLINE CONSTRUCTION 125' - 145' CORRIDOR DETAIL -METHOD #3	
CHECKED BY:	DF	210ct15			
DRAWN BY:	RVE	210ct15	W.O.	LOC.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8002
SCALE:	NTS	DATE	REV.: 0		



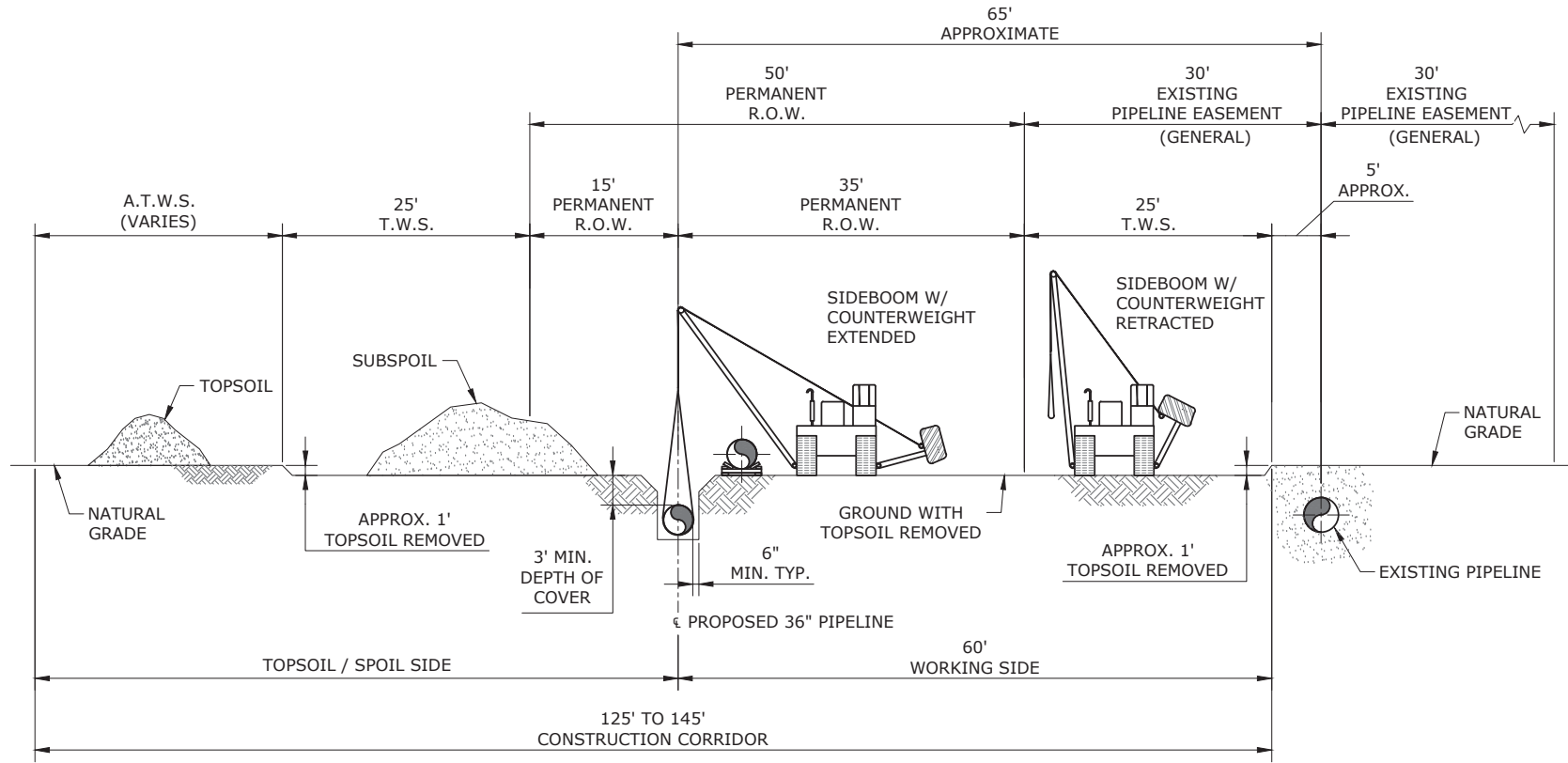
**TYPICAL 125' TO 145' CONSTRUCTION
 PROPOSED PIPELINE TO THE EAST OF EXISTING LINE**
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. USE IN AREAS OF DRAIN TILE CROSSINGS, TOPSOIL SEGREGATION AND/ OR SIDE SLOPE.
6. TRAVELING ON TOP OR ACROSS EXISTING PIPELINE IS PROHIBITED WITHOUT WRITTEN PERMISSION.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL EXISTING PIPELINE ROW EASEMENT 125' TO 145' CONSTRUCTION CORRIDOR (EAST)
CHECKED BY:	DF	230ct15		
DRAWN BY:	RVE	230ct15	W.O.	
SCALE:	NTS	DATE	REV.: 0	
LOC.:	OHIO \ MICHIGAN		DWG. NO.	S4NX-P-8003



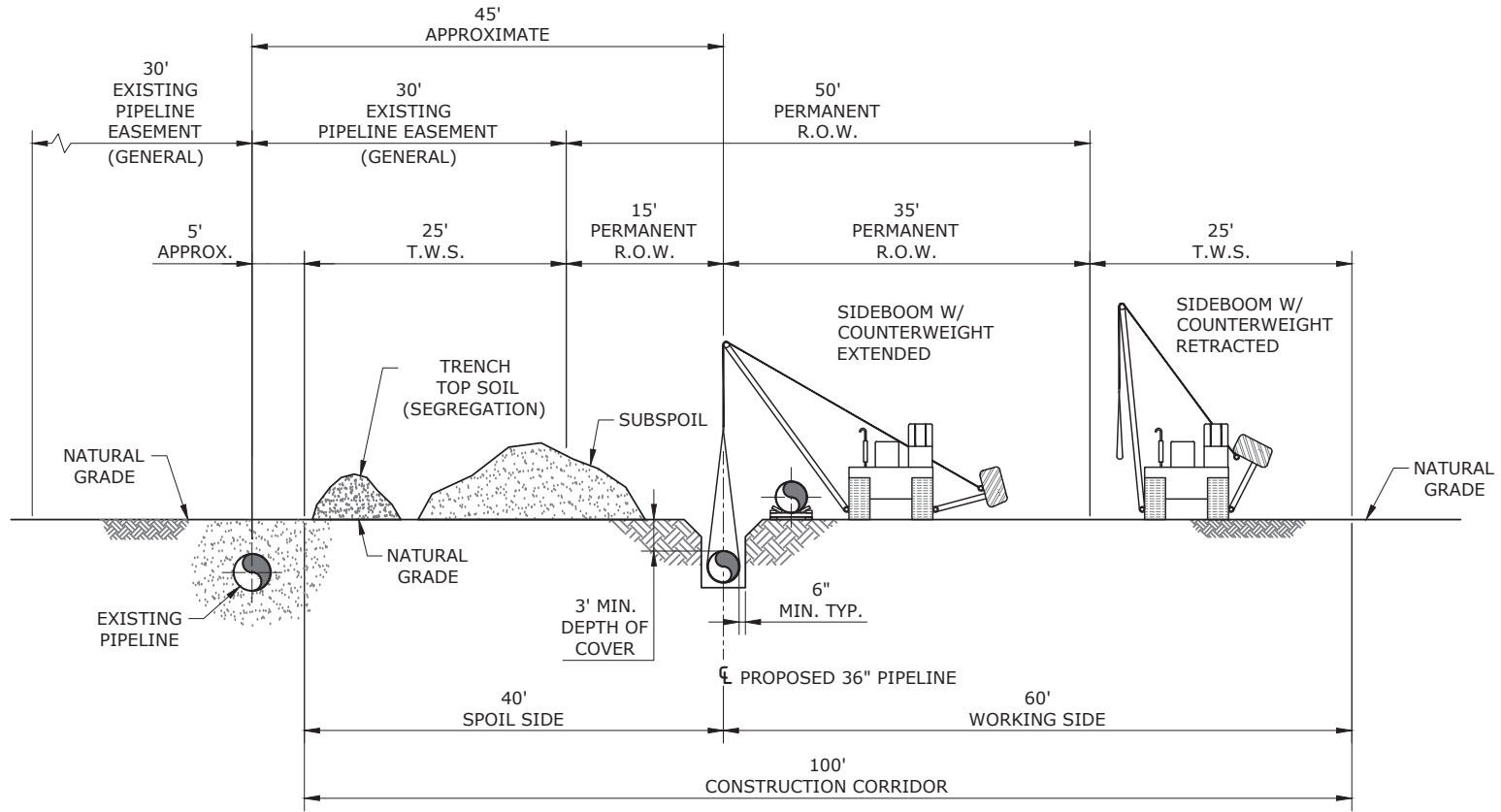
**TYPICAL 125' TO 145' CONSTRUCTION
 PROPOSED PIPELINE TO THE WEST OF EXISTING LINE
 N.T.S.**

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. USE IN AREAS OF DRAIN TILE CROSSINGS, TOPSOIL SEGREGATION AND/ OR SIDE SLOPE.
6. TRAVELING ON TOP OR ACROSS EXISTING PIPELINE IS PROHIBITED WITHOUT WRITTEN PERMISSION.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL EXISTING PIPELINE ROW EASEMENT 125' TO 145' CONSTRUCTION CORRIDOR (WEST)	DWG. NO. S4NX-P-8004
CHECKED BY:	DF	230ct15		
DRAWN BY:	RVE	230ct15		
SCALE:	NTS	DATE		
IC.#			YR.: 2017	
			W.O.	
			REV.: 0	
			LOC.: OHIO \ MICHIGAN	



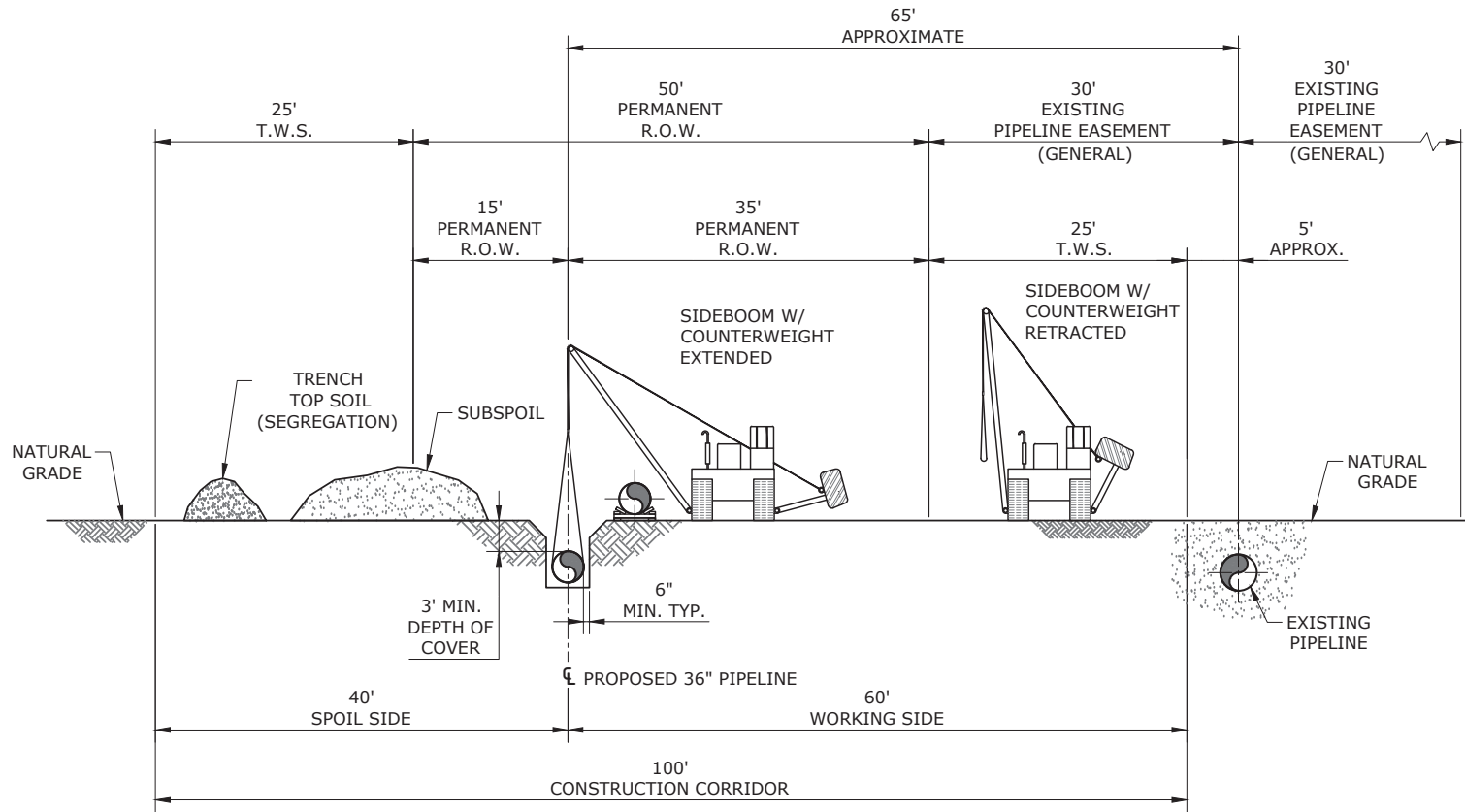
TYPICAL 100' CONSTRUCTION
PROPOSED PIPELINE TO THE EAST OF EXISTING LINE
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. USE IN AREAS OF DRAIN TILE CROSSINGS, TOPSOIL SEGREGATION AND/ OR SIDE SLOPE.
6. TRAVELING ON TOP OR ACROSS EXISTING PIPELINE IS PROHIBITED WITHOUT WRITTEN PERMISSION.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	150ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL EXISTING PIPELINE ROW EASEMENT 100' CONSTRUCTION CORRIDOR (EAST)	LOC.: OHIO \ MICHIGAN	DWG. NO. S4NX-P-8005	
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DRAWN BY:	RVE	150ct15				W.O.
SCALE:	NTS	DATE				REV.: 0



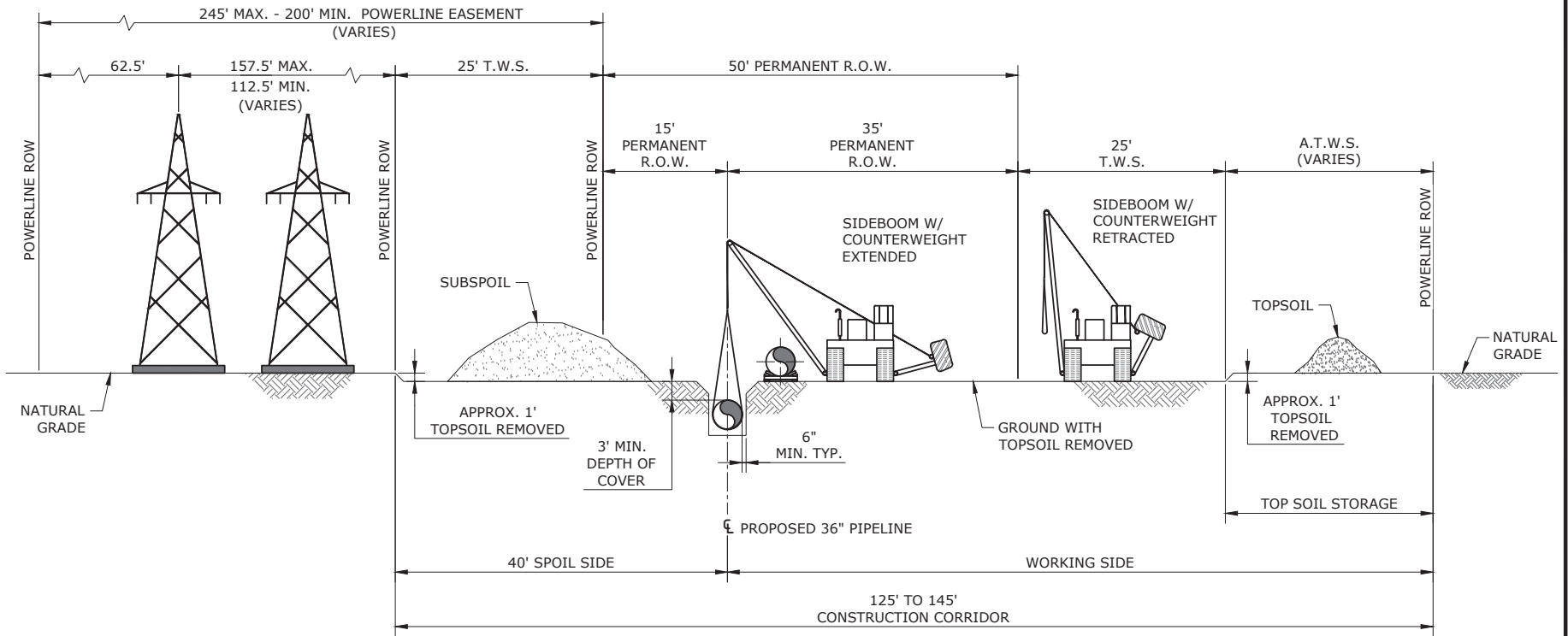
**TYPICAL 100' CONSTRUCTION
 PROPOSED PIPELINE TO THE WEST OF EXISTING LINE**
 N.T.S.

NOTES:

1. THIS CONSTRUCTION METHOD APPLIES TO LOCATIONS WHERE THE APPLICABLE R.O.W. ARRANGEMENT CALLS FOR 15'-35' PERMANENT R.O.W.
2. THIS CONSTRUCTION METHOD APPLIES TO FORWARD & REVERSE PIPELINE LAY.
3. ALL SPOIL SHALL BE CONTAINED WITHIN THE CONFINES OF THE ROW.
4. THE PIPELINE COVER HAS A MINIMUM DEPTH OF 3FT. IF ROCK IS PRESENT, THE PIPE WILL NEED TO BE PLACED ON SAND BAGS AND THE CONTRACTOR WILL ACCOUNT FOR EXTRA DEPTH IN THE DITCH.
5. USE IN AREAS OF DRAIN TILE CROSSINGS, TOPSOIL SEGREGATION AND/ OR SIDE SLOPE.
6. TRAVELING ON TOP OR ACROSS EXISTING PIPELINE IS PROHIBITED WITHOUT WRITTEN PERMISSION.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

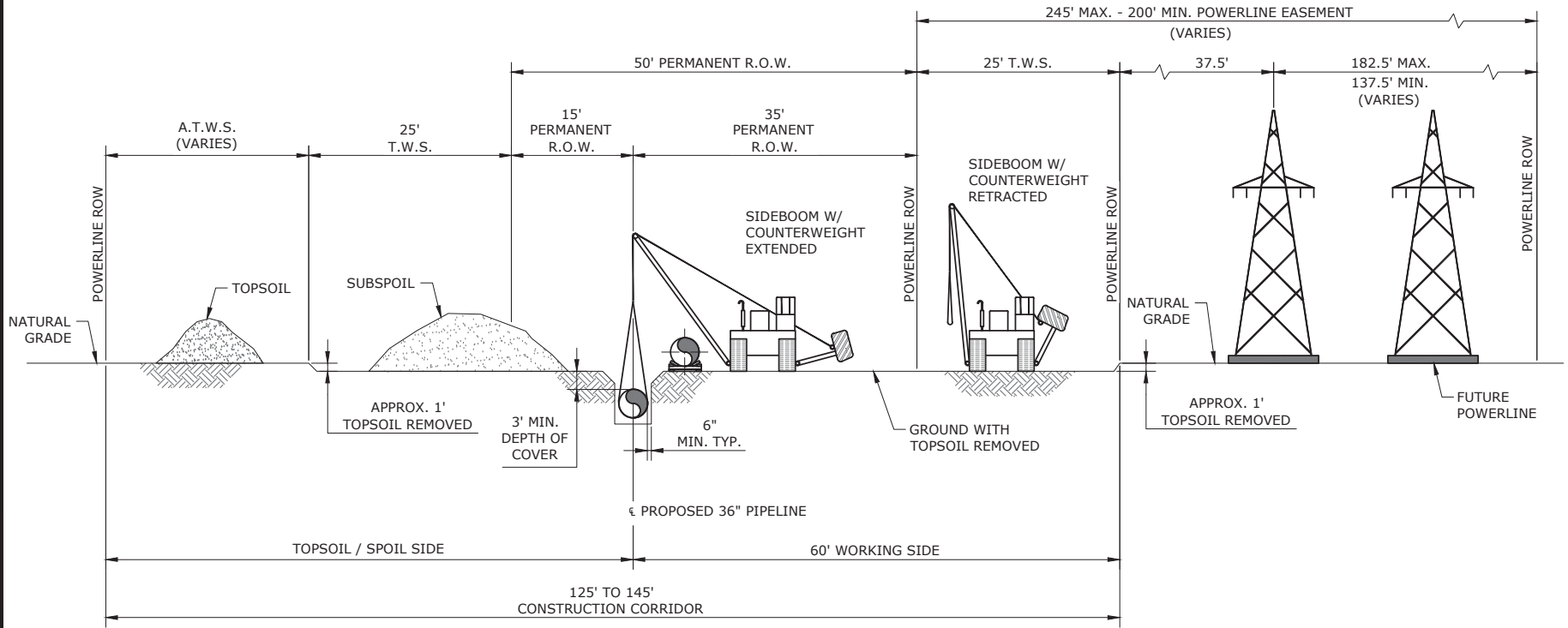
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DRAWN BY:	RVE	150ct15			
SCALE:	NTS	DATE			
IC.#			YR.: 2017		
			W.O.		
			REV.: 0		



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 245' MAX - 200' MIN. POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

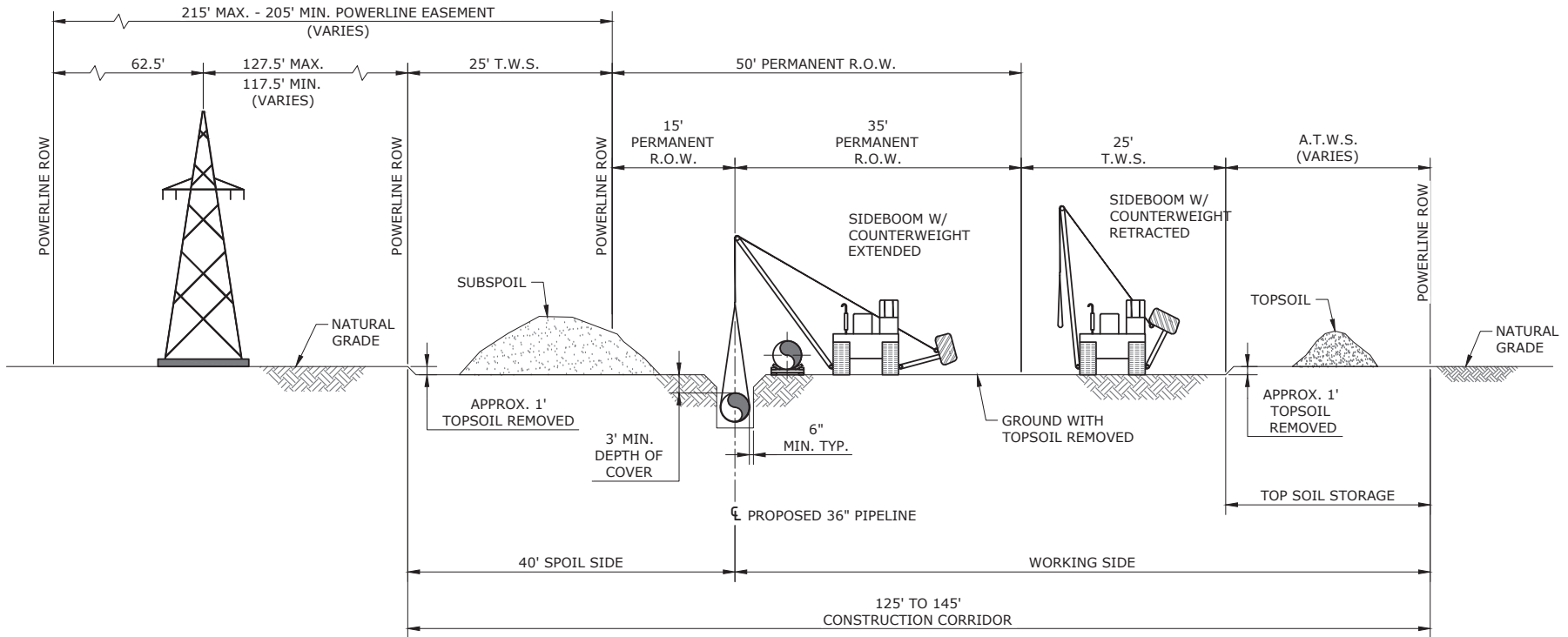
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CHECKED BY:	DF	230ct15			
DRAWN BY:	RVE	230ct15			
SCALE:	NTS	DATE	REV.: 0		



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 245' MAX - 200' MIN POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

IC.#	PROJ. ENG. KG	230ct15		TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #1B SOUTH OR WEST OF POWERLINE EASEMENT	
	CHECKED BY: DF	230ct15	YR.: 2017		
	DRAWN BY: RVE	230ct15	W.O.		
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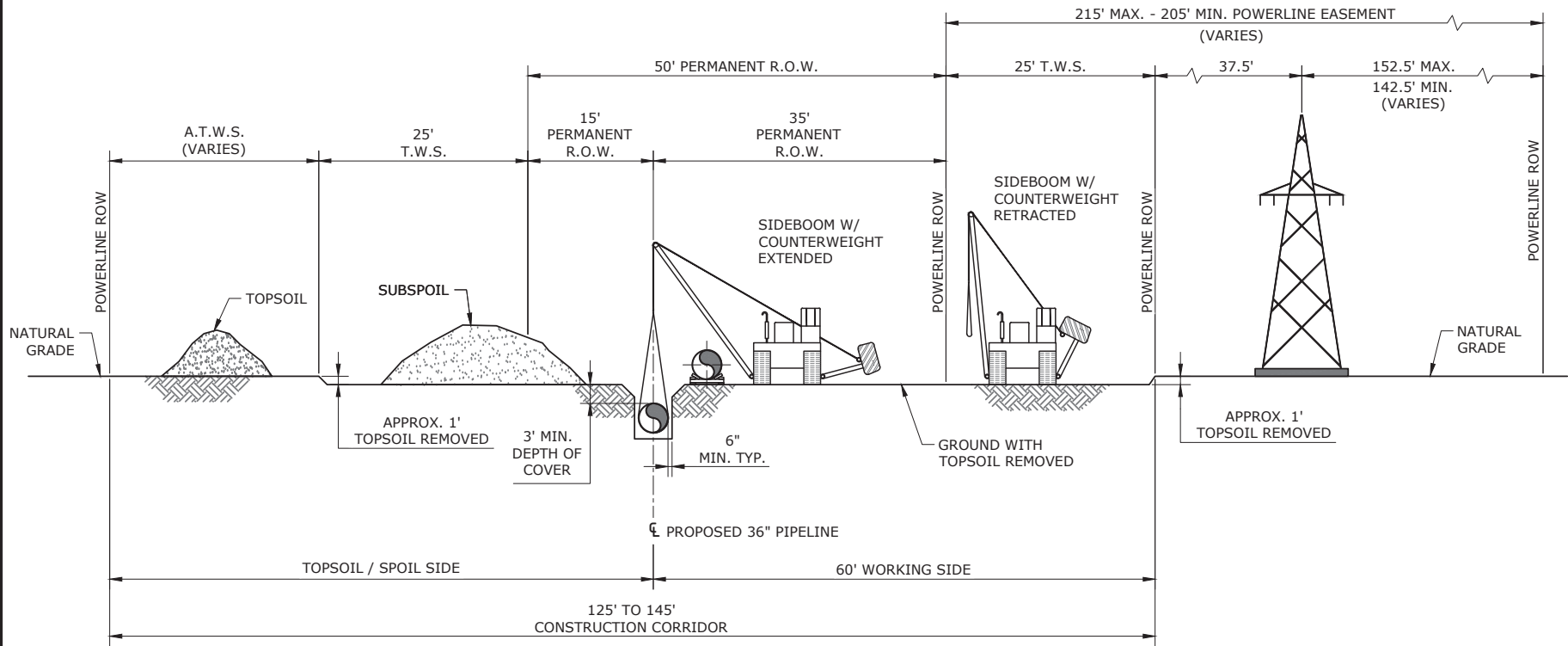


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 215' MAX. - 205' MIN. POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15		TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #2A NORTH OR EAST OF POWERLINE EASEMENT	
CHECKED BY:	DF	230ct15	YR.: 2015		
DRAWN BY:	RVE	230ct15	W.O.		
IC-#	SCALE: NTS	DATE	REV.: 0	LOC.: STARK COUNTY, OHIO	DWG. NO. S4NX-P-8008-A



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 215' MAX. - 205' MIN. POWERLINE EASEMENT**
 N.T.S.

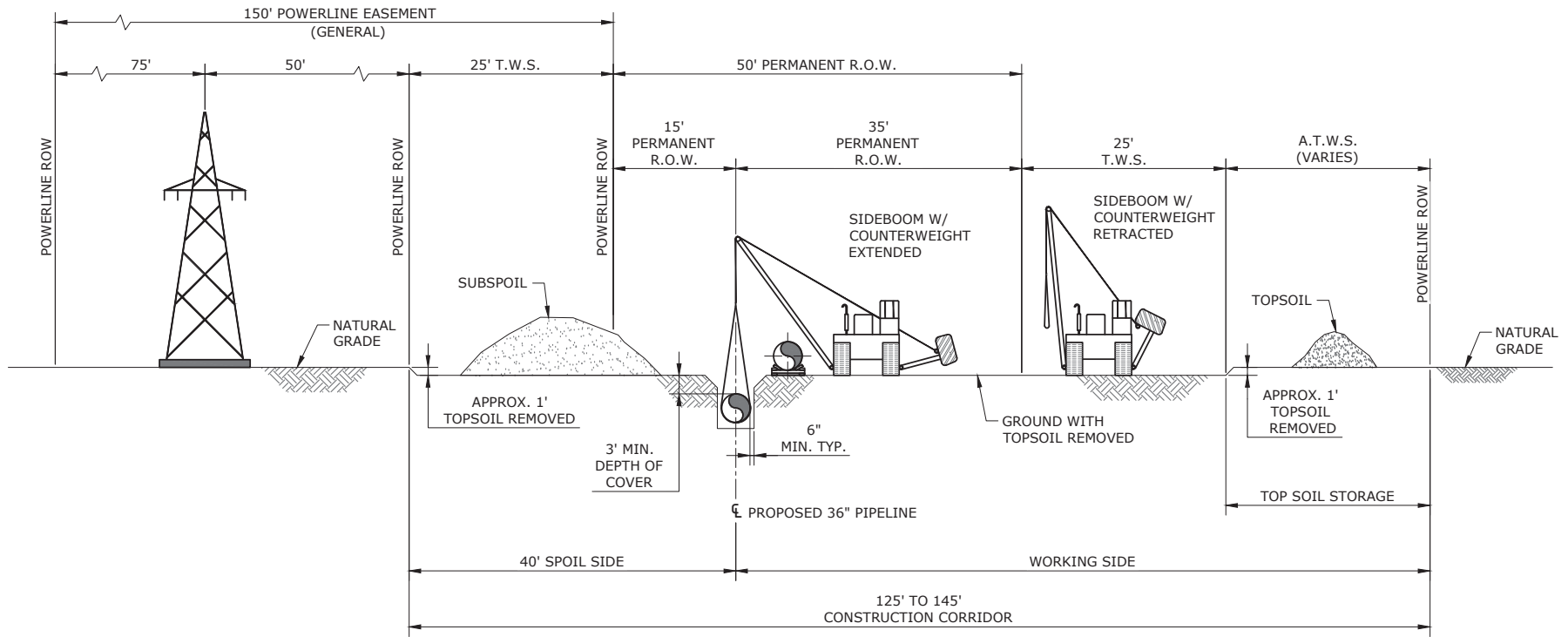
0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	230ct15
CHECKED BY:	DF	230ct15
DRAWN BY:	RVE	230ct15
SCALE:	NTS	DATE

YR.:	2017
W.O.	
REV.:	0

TITLE: NEXUS GAS TRANSMISSION PROJECT
 TYPICAL MAINLINE CONSTRUCTION METHOD #2B
 SOUTH OR WEST OF POWERLINE EASEMENT
 LOC.: STARK COUNTY, OHIO

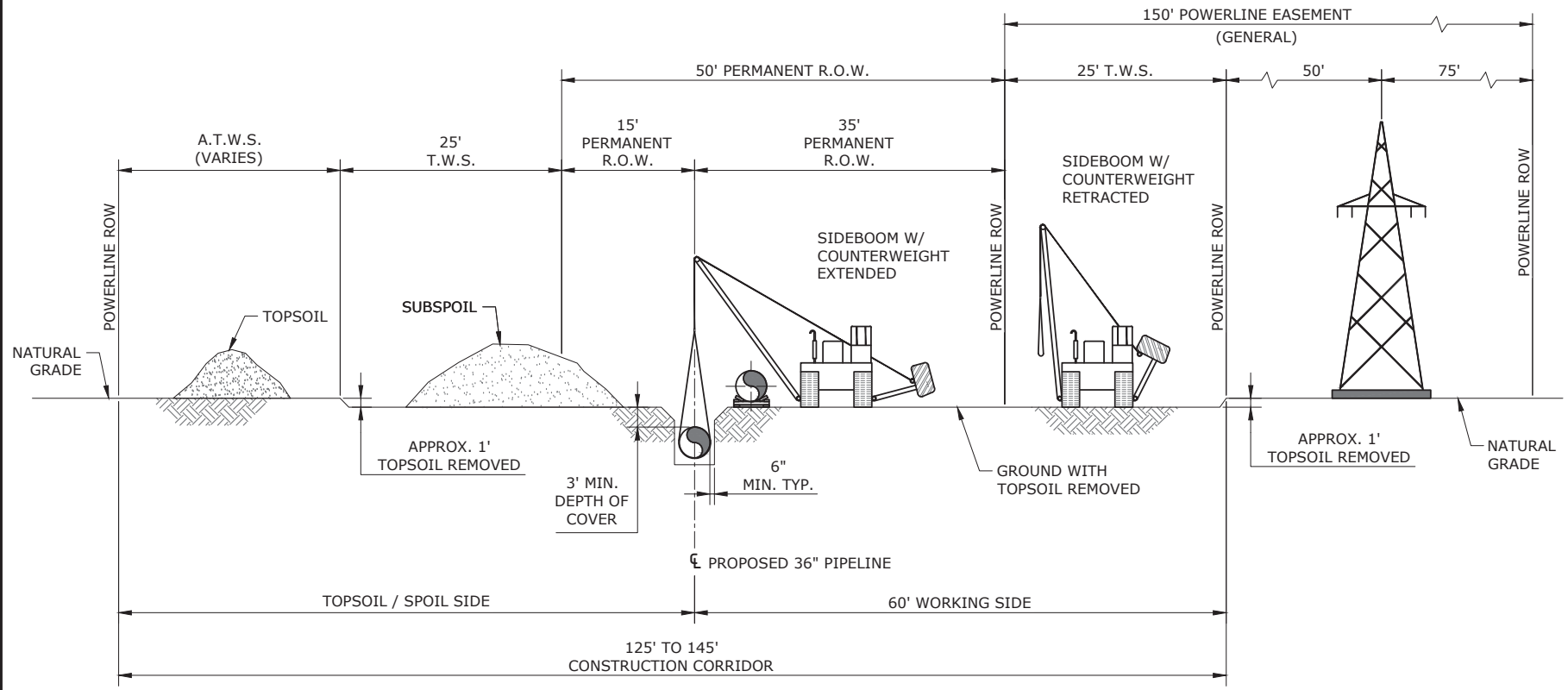
DWG. NO. S4NX-P-8008-B



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #3A NORTH OR EAST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8009-A	
CHECKED BY:	DC	260ct15			YR.: 2017
DRAWN BY:	RVE	260ct15			W.O.
SCALE:	NTS	DATE			REV.: 0
LOC.:	SUMMIT COUNTY, OHIO				

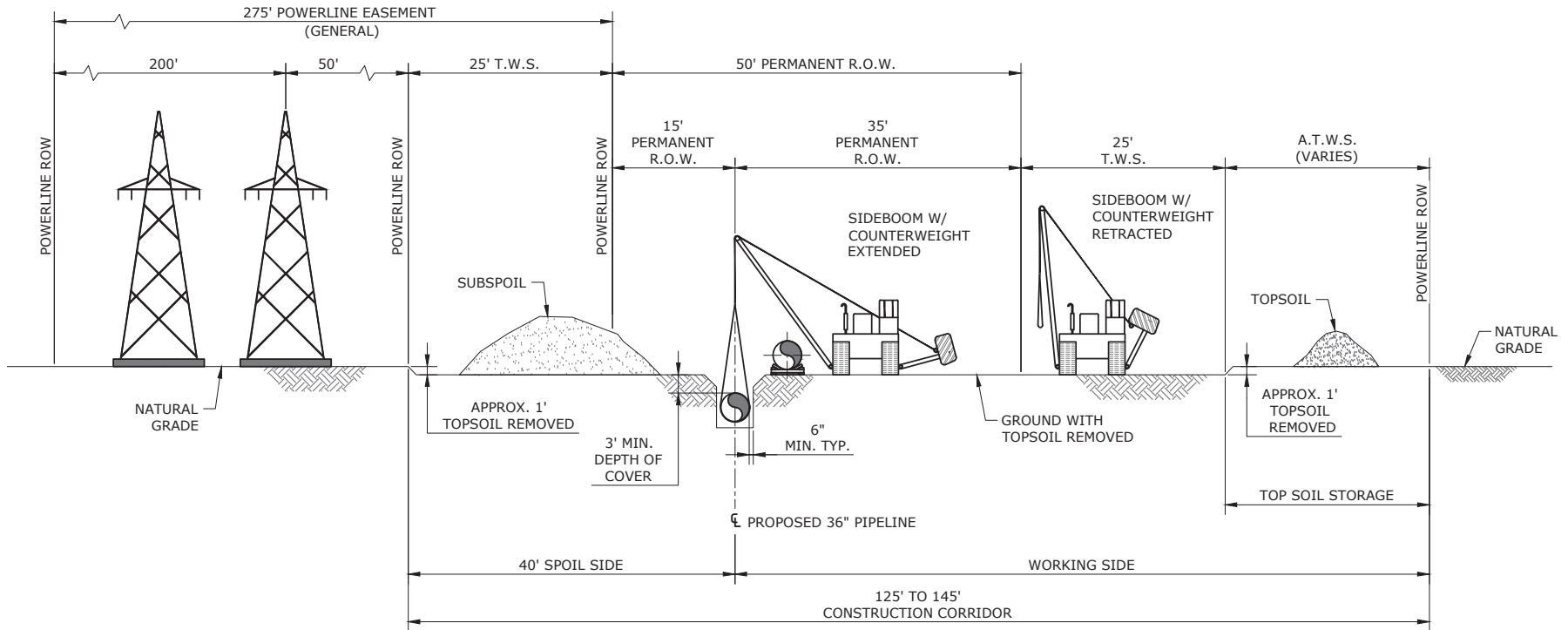


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

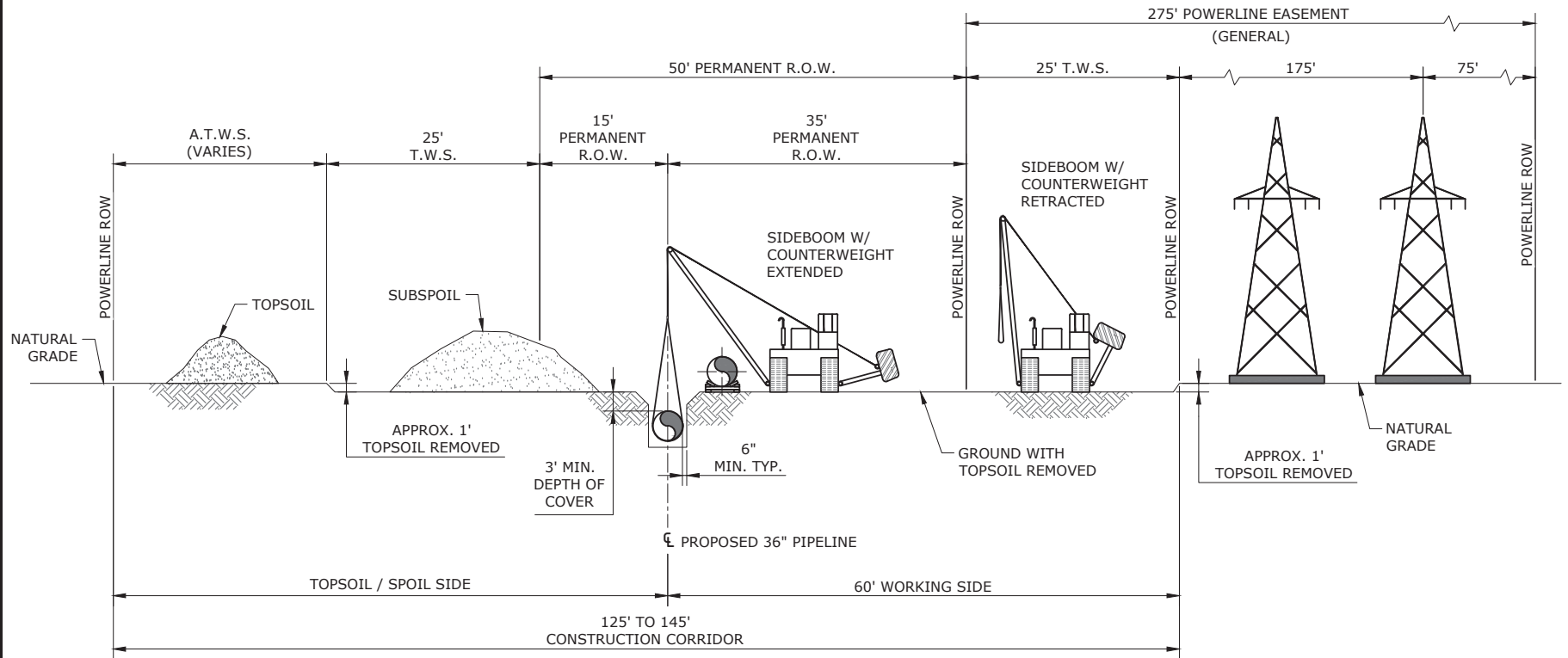
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CHECKED BY:	DC	260ct15			
DRAWN BY:	RVE	260ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: SUMMIT COUNTY, OHIO	DWG. NO. S4NX-P-8009-B



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 275' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #4A NORTH OR EAST OF POWERLINE EASEMENT	LOC.: WAYNE COUNTY, OHIO	DWG. NO. S4NX-P-8010-A	
CHECKED BY:	DC	260ct15				YR.: 2017
DRAWN BY:	RVE	260ct15				W.O.
SCALE:	NTS	DATE				REV.: 0

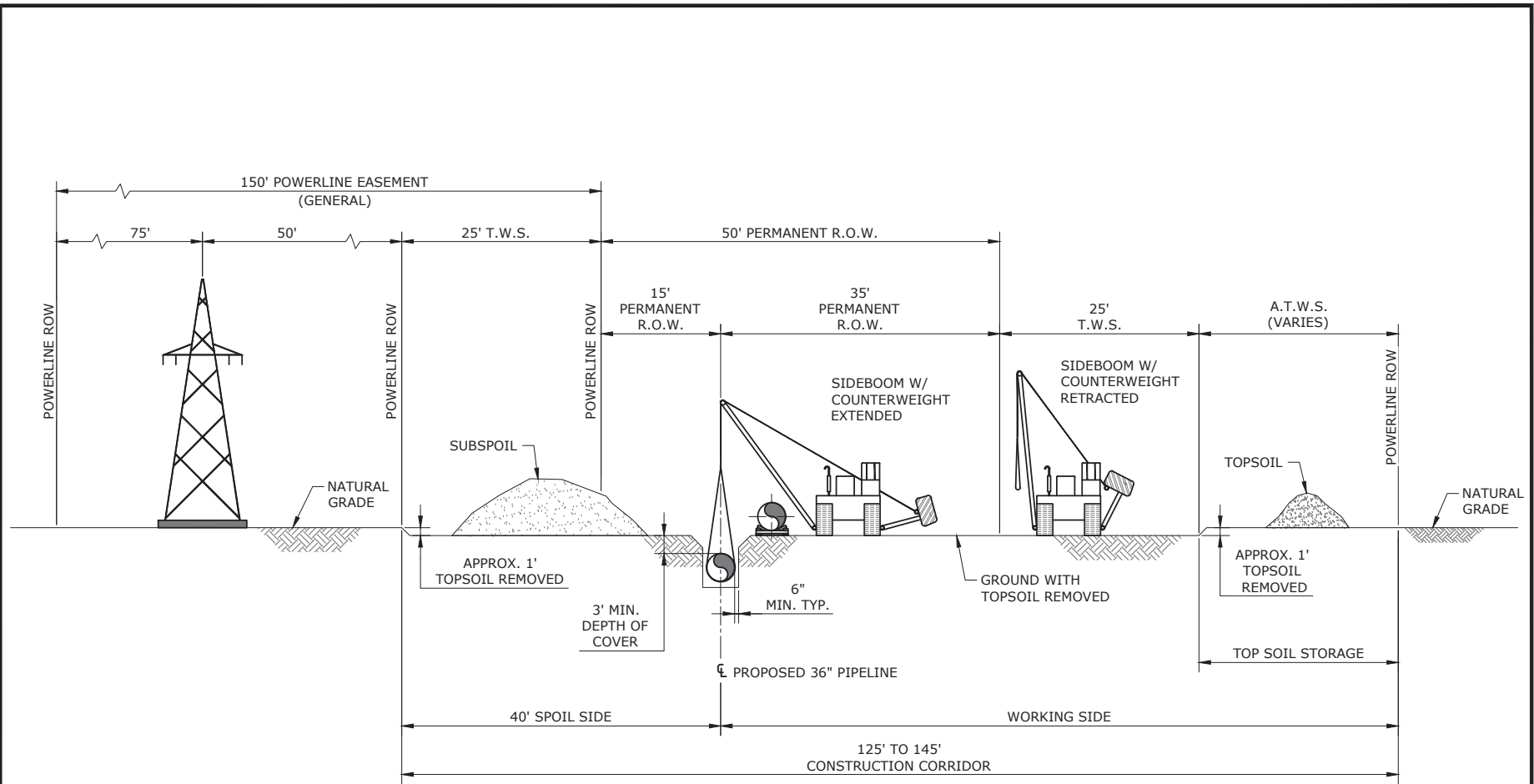


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
WITH 275' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

IC.#	PROJ. ENG.	KG	260ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #4B SOUTH OR WEST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8010-B	
	CHECKED BY:	DC	260ct15			YR.: 2017
	DRAWN BY:	RVE	260ct15			W.O.
	SCALE:	NTS	DATE			REV.: 0



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**

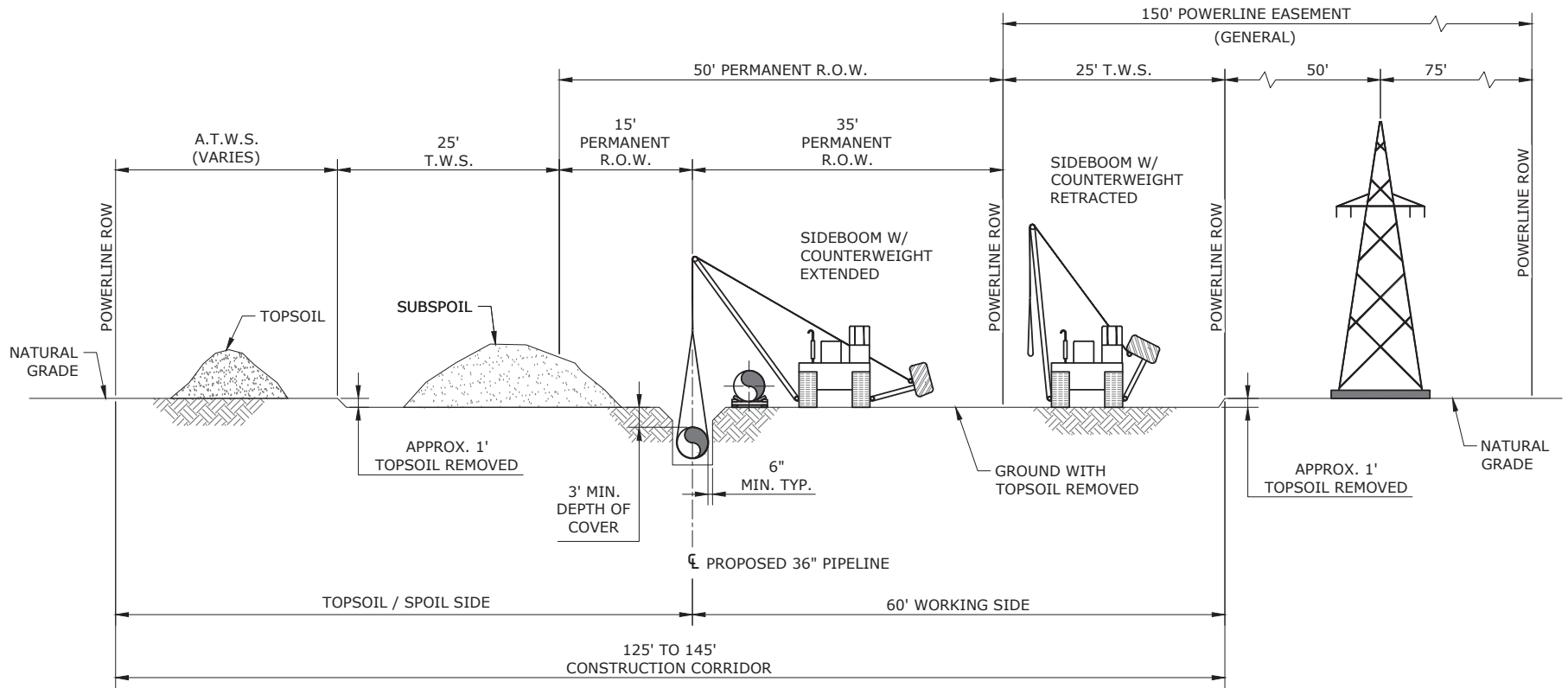
N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

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CHECKED BY:	DC	260ct15	YR.: 2017
DRAWN BY:	RVE	260ct15	W.O.
SCALE:	NTS	DATE	REV.: 0

TITLE:	NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #5A NORTH OR EAST OF POWERLINE EASEMENT
LOC.:	MEDINA COUNTY, OHIO

DWG. NO.	S4NX-P-8011-A
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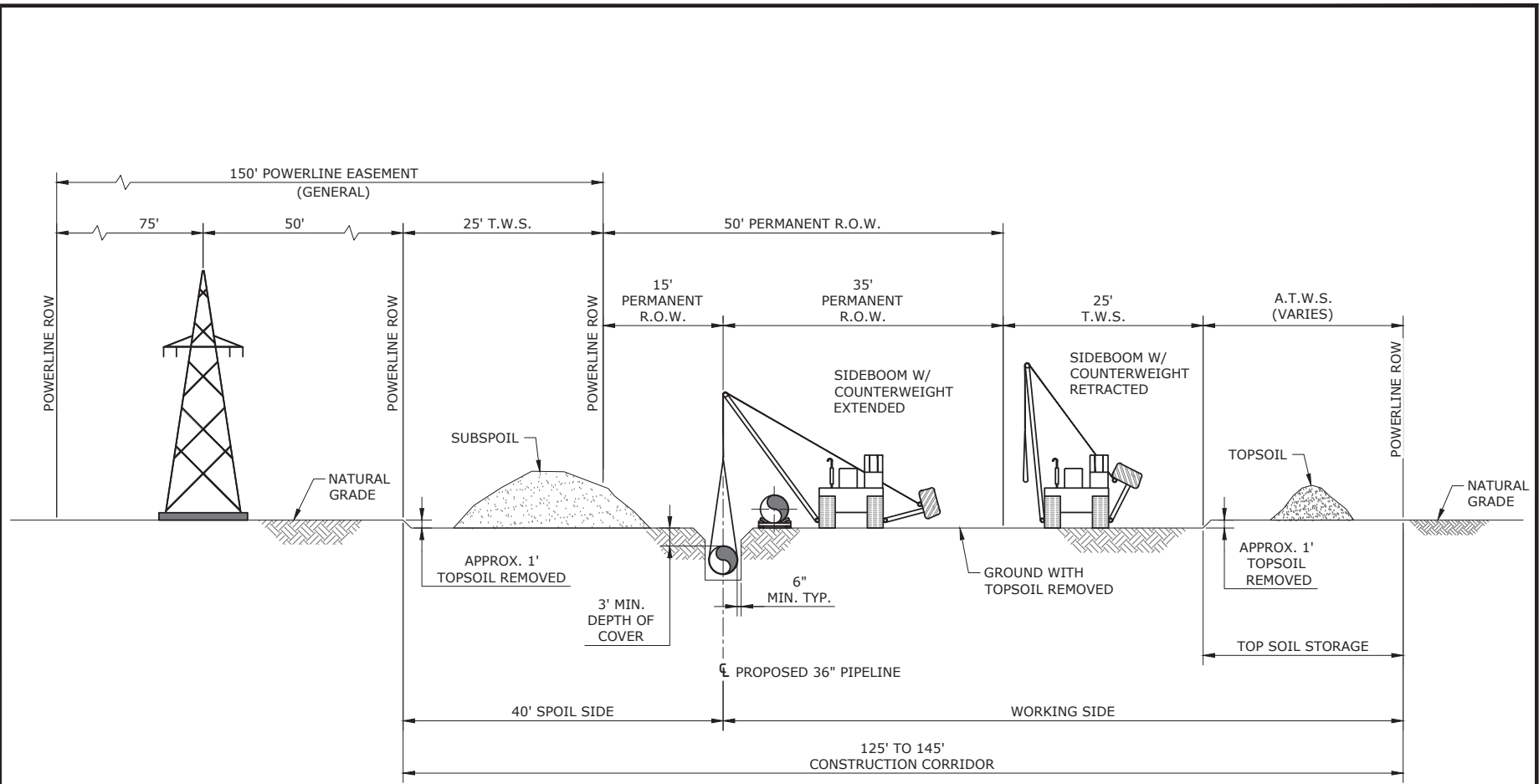


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

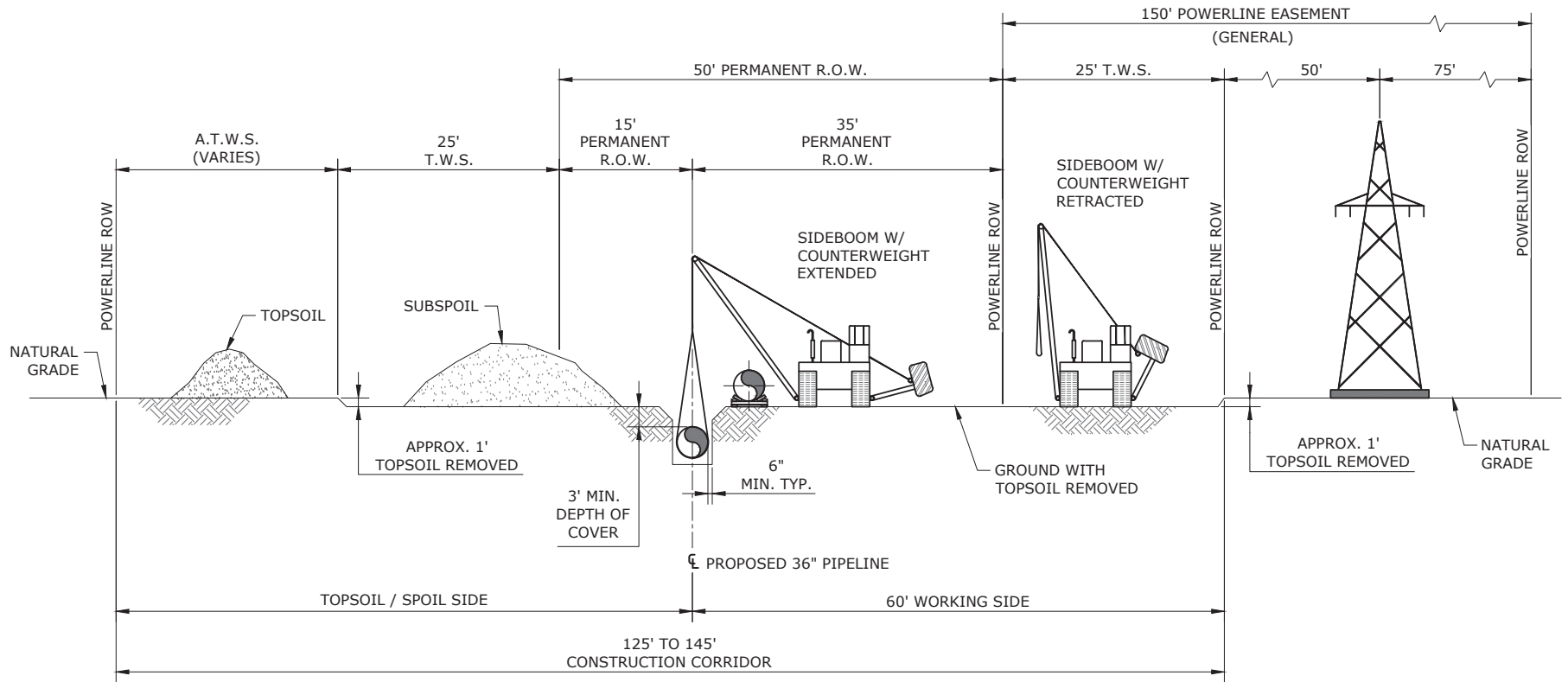
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	CHECKED BY: DC	260ct15			YR.: 2017
	DRAWN BY: RVE	260ct15			W.O.
	SCALE: NTS	DATE			REV.: 0
			LOC.: MEDINA COUNTY, OHIO		



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	26Oct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #6A NORTH OR EAST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8012-A
CHECKED BY:	DC	26Oct15			
DRAWN BY:	RVE	26Oct15			
SCALE:	NTS	DATE	REV.: 0		

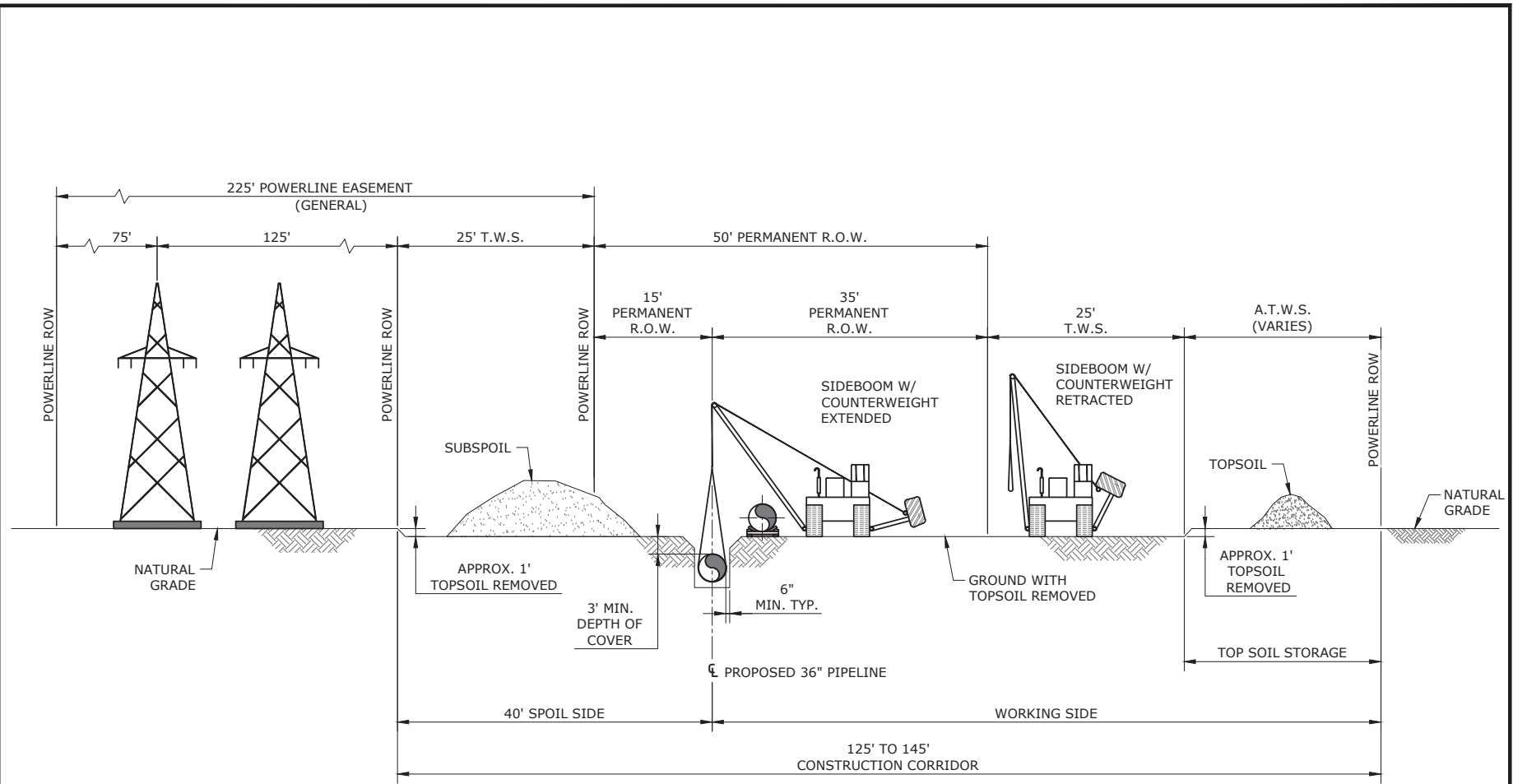


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

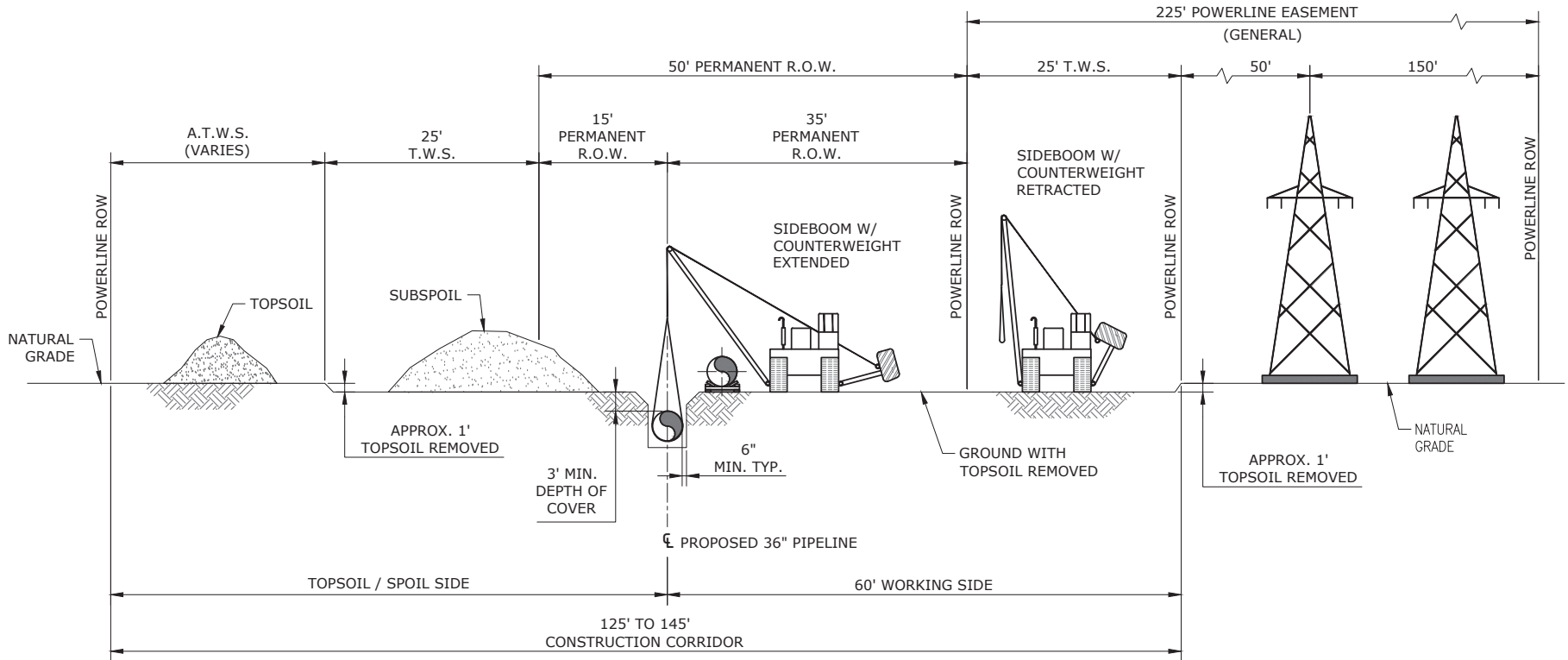
PROJ. ENG.	KG	260ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #6B SOUTH OR WEST OF POWERLINE EASEMENT	
CHECKED BY:	DC	260ct15			
DRAWN BY:	RVE	260ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: LORAIN COUNTY, OHIO	DWG. NO. S4NX-P-8012-B



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 225' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

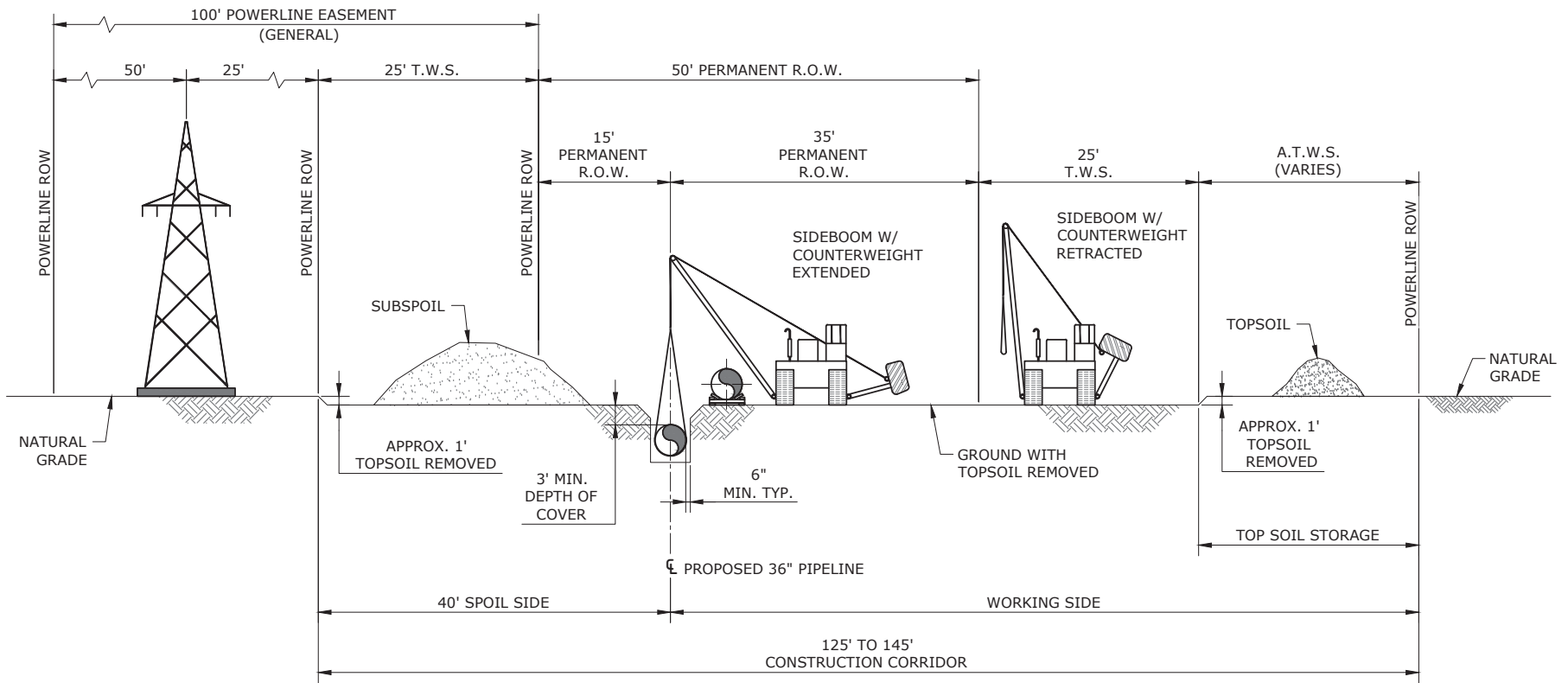
IC #	PROJ. ENG. KG	260ct15		TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #7A NORTH OR EAST OF POWERLINE EASEMENT	
	CHECKED BY: DC	260ct15	YR.: 2017		
	DRAWN BY: RVE	260ct15	W.O.		
	SCALE: NTS	DATE	REV.: 0	LOC.: ERIE COUNTY, OHIO	DWG. NO. S4NX-P-8013-A



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 225' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	290ct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #7B SOUTH OR WEST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8013-B
CHECKED BY:	DC	260ct15			
DRAWN BY:	RVE	260ct15			
IC.#	SCALE: NTS	DATE	REV.: 0	LOC.: ERIE COUNTY, OHIO	

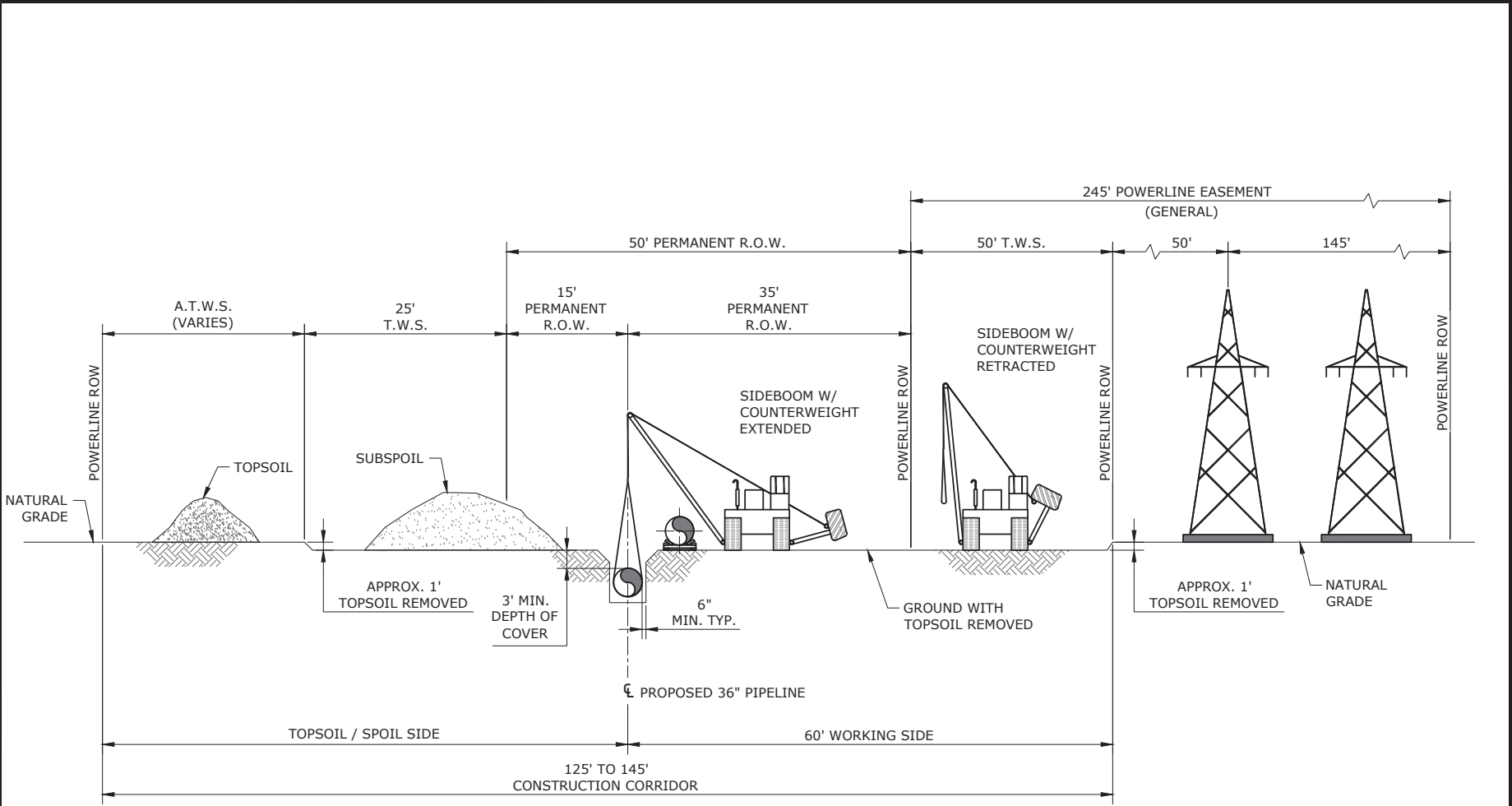


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 100' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

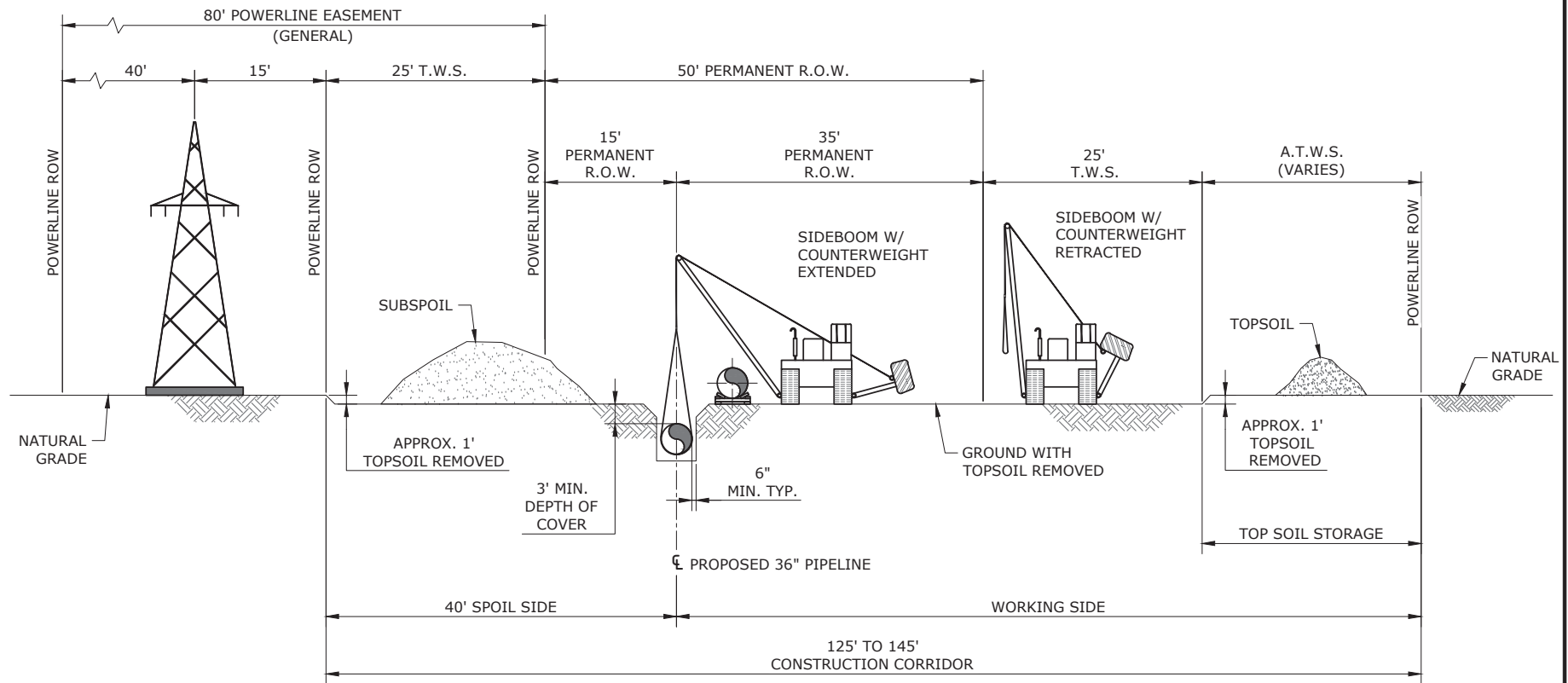
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CHECKED BY:	DF	230ct15			
DRAWN BY:	RVE	230ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: WOOD COUNTY, OHIO	DWG. NO. S4NX-P-8014-A



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 245' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

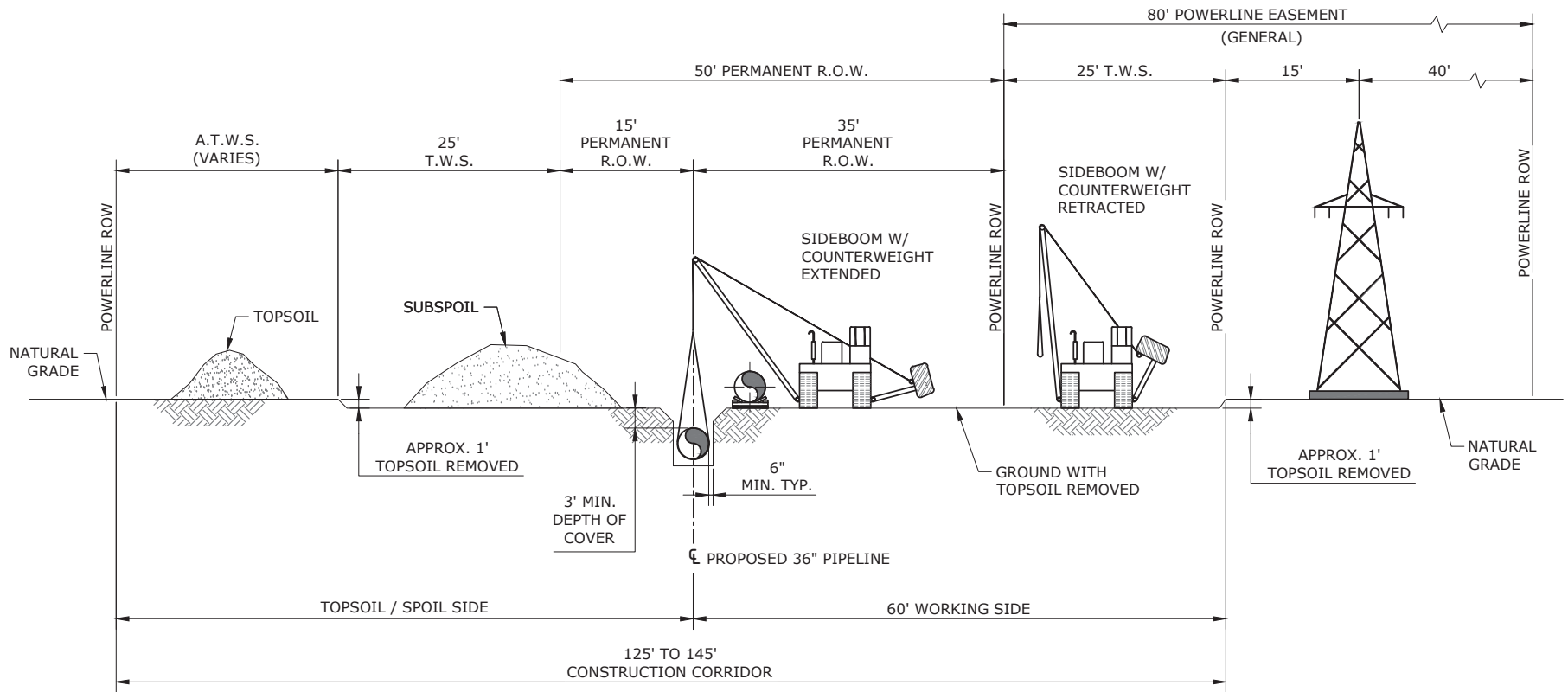
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CHECKED BY:	DF	230ct15			
DRAWN BY:	RVE	230ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: WOOD COUNTY, OHIO	DWG. NO. S4NX-P-8014-B



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 80' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #9A NORTH OR EAST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8015-A
CHECKED BY:	DC	260ct15		
DRAWN BY:	RVE	260ct15		
IC #	SCALE: NTS	DATE	REV.: 0	LOC.: LUCAS COUNTY, OHIO

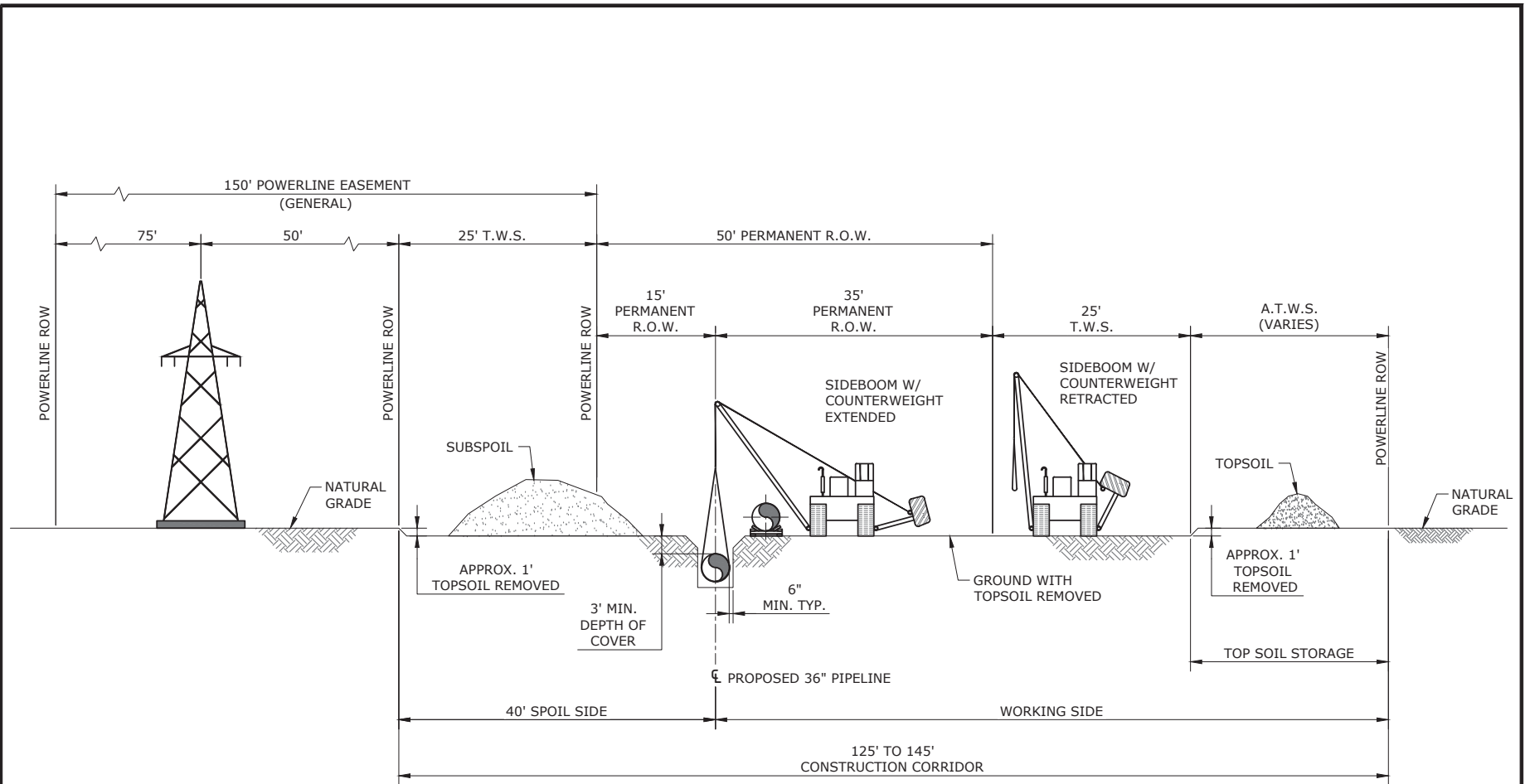


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 80' POWERLINE EASEMENT**

N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

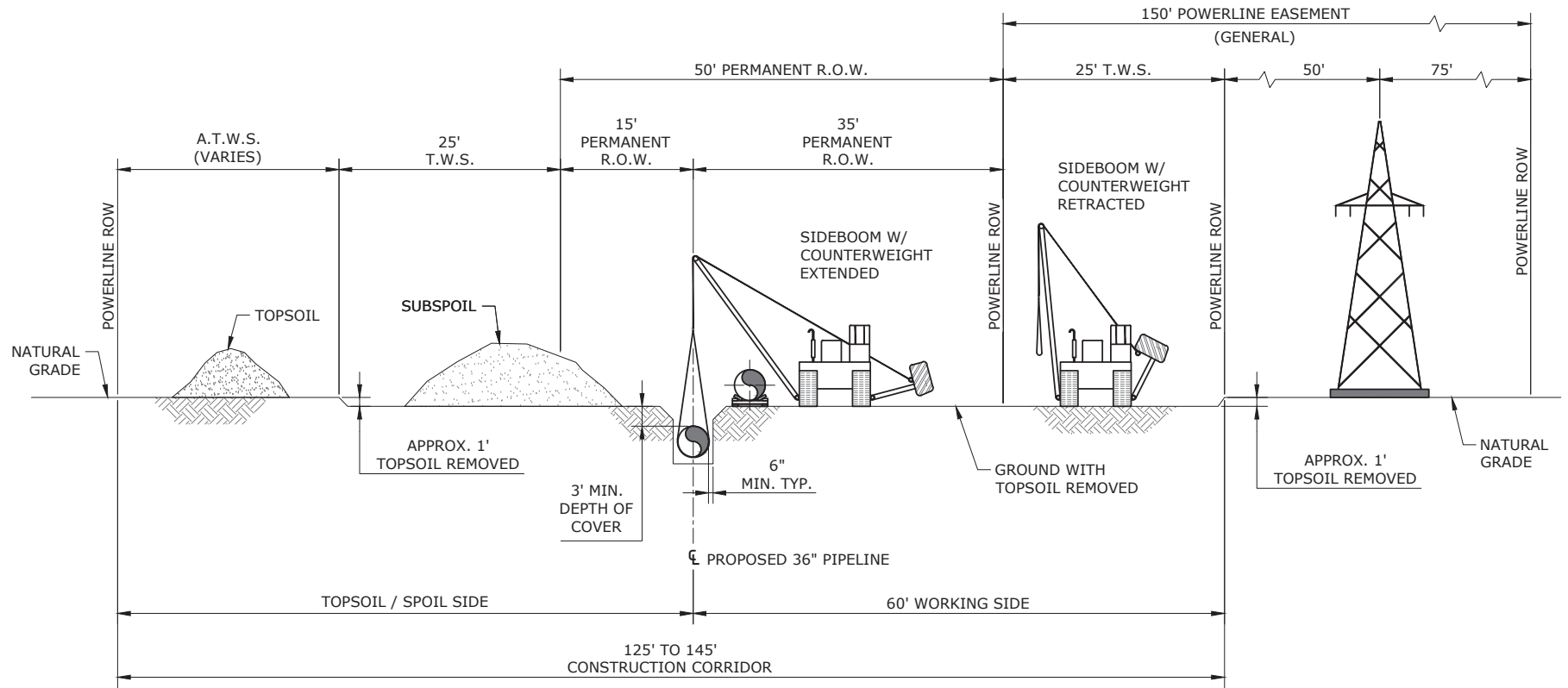
IC-#	PROJ. ENG. KG	260ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #9B SOUTH OR WEST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8015-B
	CHECKED BY: DC	260ct15			
	DRAWN BY: RVE	260ct15			
	SCALE: NTS	DATE	REV.: 0	LOC.: LUCAS COUNTY, OHIO	



**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**
 N.T.S.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #10A NORTH OR EAST OF POWERLINE EASEMENT	LOC.: FULTON COUNTY, OHIO	DWG. NO. S4NX-P-8016-A
CHECKED BY:	DC	260ct15			
DRAWN BY:	RVE	260ct15			
SCALE:	NTS	DATE			
IC.#			YR.: 2017		
			W.O.		
			REV.: 0		

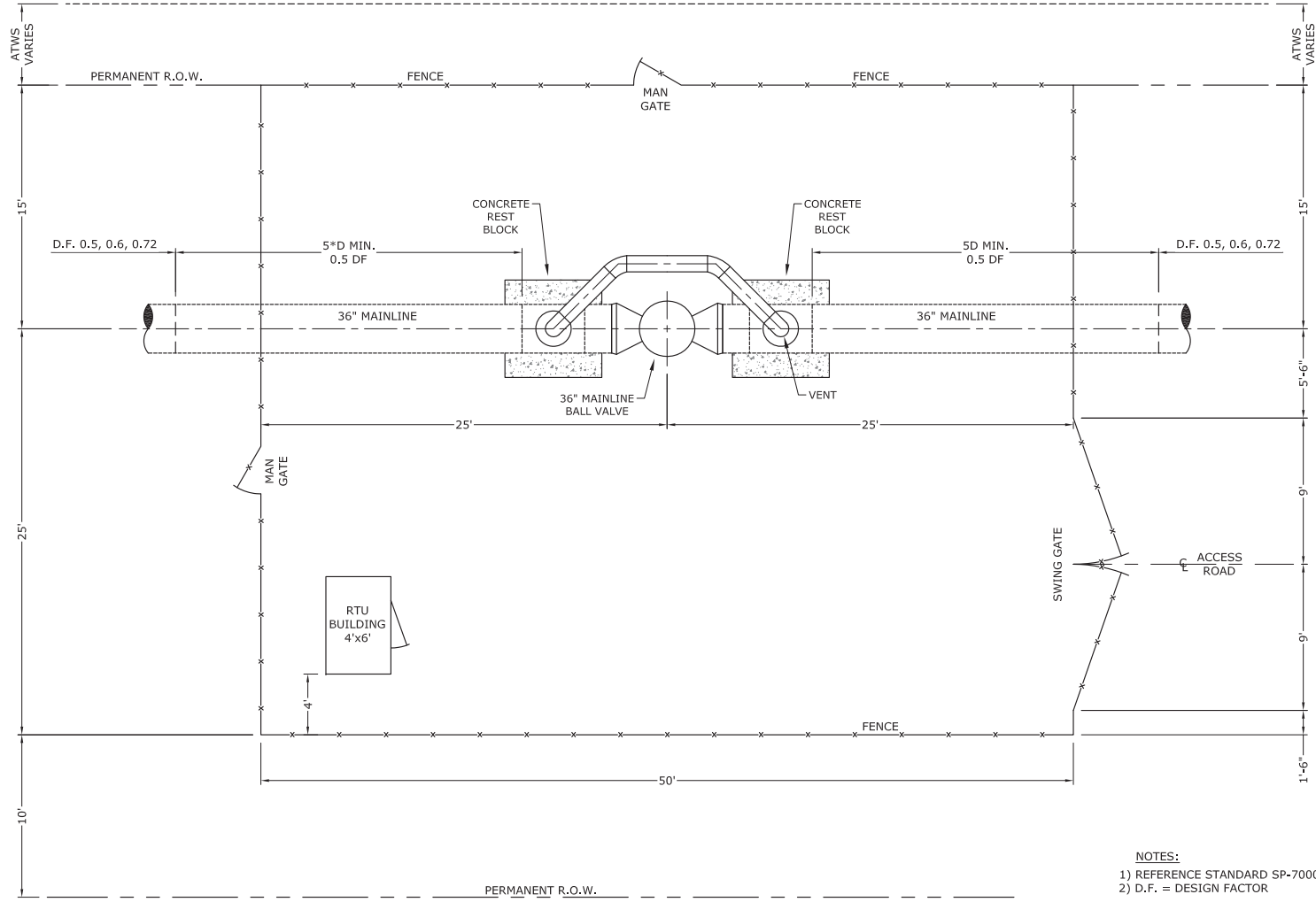


**TYPICAL 125' TO 145' CONSTRUCTION CORRIDOR
 WITH 150' POWERLINE EASEMENT**

N.T.S.

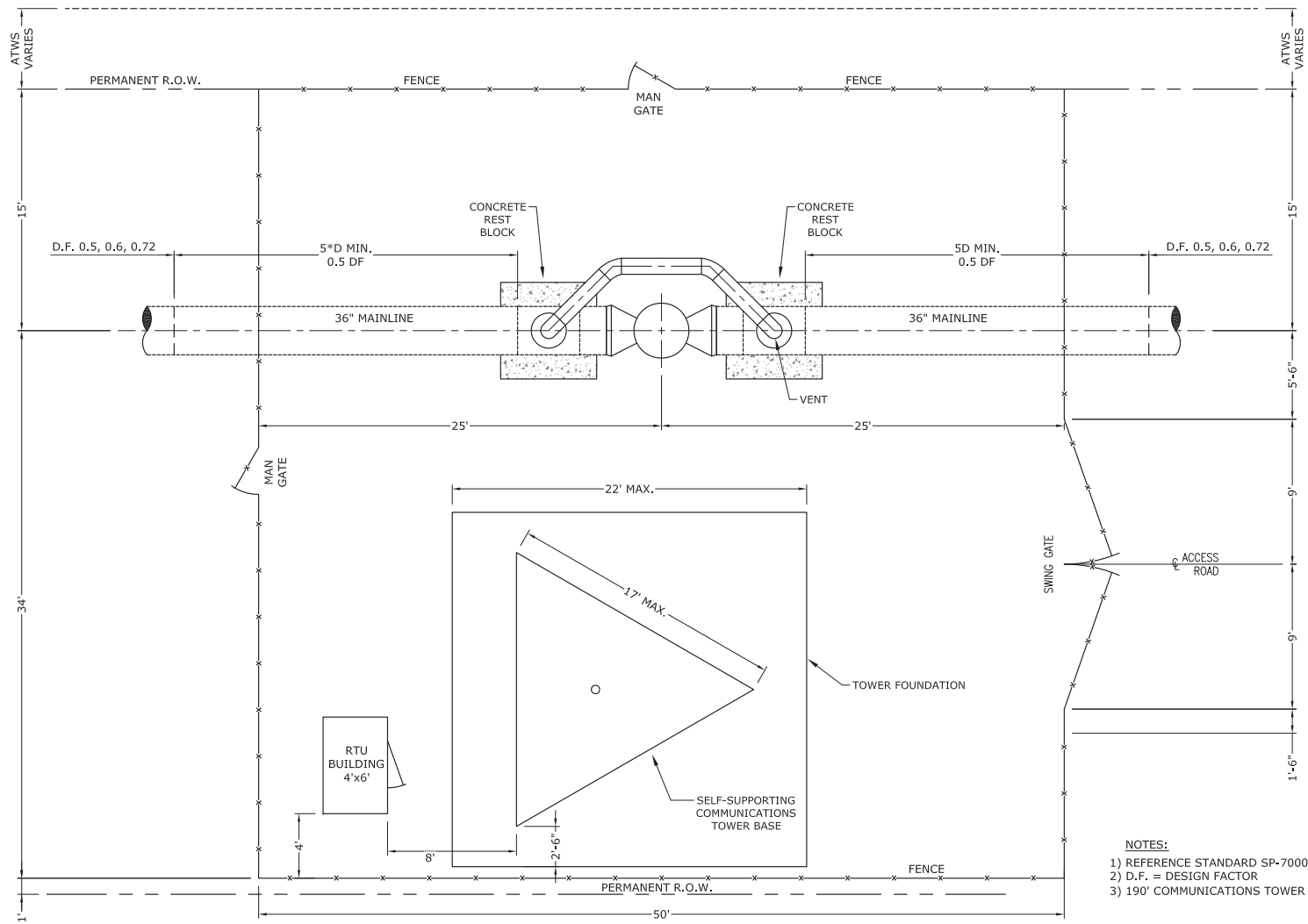
0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	260ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL MAINLINE CONSTRUCTION METHOD #10B SOUTH OR WEST OF POWERLINE EASEMENT	DWG. NO. S4NX-P-8016-B
CHECKED BY:	DC	260ct15			
DRAWN BY:	RVE	260ct15			
SCALE:	NTS	DATE	REV.: 0		



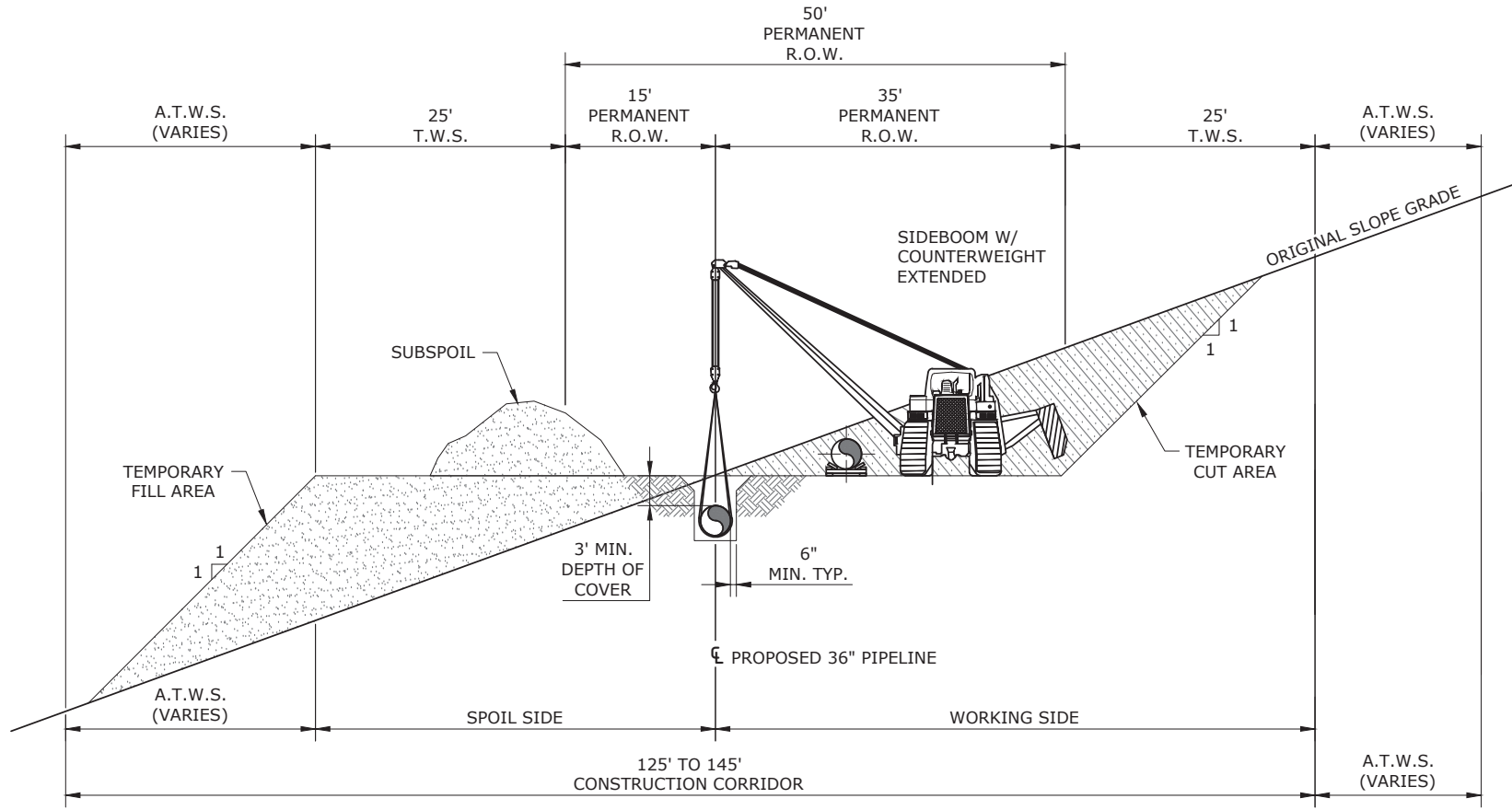
- NOTES:
 1) REFERENCE STANDARD SP-7000 BLOCK VALVE ASSEMBLY.
 2) D.F. = DESIGN FACTOR

IG.#	O	ISSUED FOR FERC FILING	29Oct15	PROJ. ENG.	KG	26Oct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL 36" MAINLINE VALVE GENERAL PLOT PLAN	
				CHECKED BY:	DC	26Oct15		
REV.#		DESCRIPTION	DATE	DRAWN BY:	RVE	26Oct15	LOC.:	OHIO / MICHIGAN
				SCALE:	NTS		YR.:	2017
							W.O.	
							DWG.NO.	S4NX-P-8017



- NOTES:**
- 1) REFERENCE STANDARD SP-7000 BLOCK VALVE ASSEMBLY.
 - 2) D.F. = DESIGN FACTOR
 - 3) 190' COMMUNICATIONS TOWER PLANNED FOR MLV 16.

			PROJ. ENG. KG 260ct15 CHECKED BY: DC 260ct15 DRAWN BY: RVE 260ct15		TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL 36" MAINLINE VALVE W/ 190' TOWER BASE - GENERAL PLOT PLAN	
IG.#	○ ISSUED FOR FERC FILING	29Oct15	LOC.: OHIO / MICHIGAN		REV.: ○	
REV.#	DESCRIPTION	DATE	SCALE: NTS	DATE	YR.: 2017	W.O. DWG.NO. S4NX-P-8018



**TYPICAL 125' TO 145'
 SIDE SLOPE CONSTRUCTION**

N.T.S.

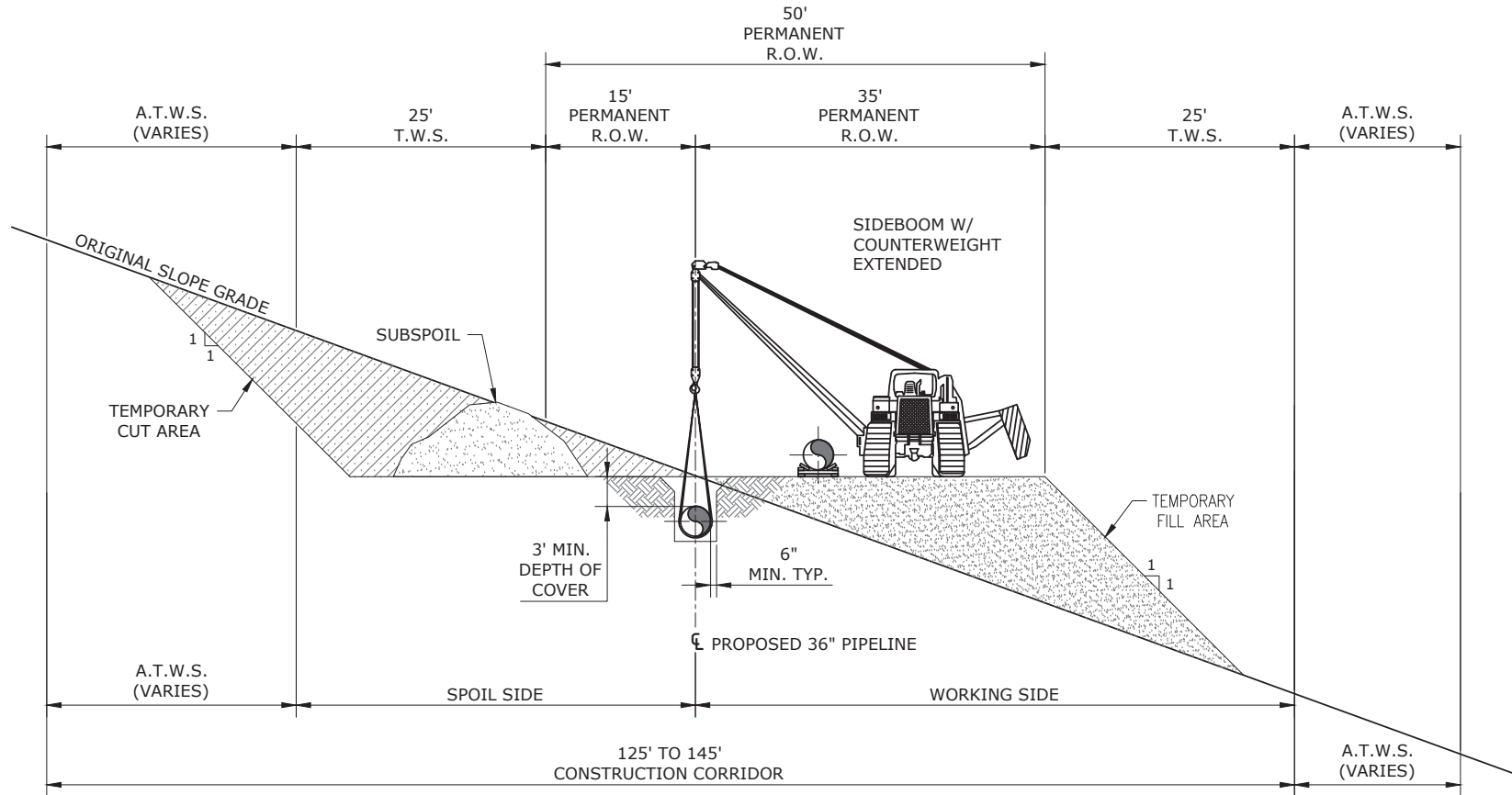
ADDITIONAL TEMPORARY WORKSPACE		
SLOPE ANGLE	SPOIL SIDE	WORKING SIDE
0° - 10°	15	0
10° - 20°	25	0
20° - 30°	50	25

NOTES:

1. SEE ADDITIONAL TEMPORARY WORKSPACE TABLE.
2. REFERENCE EROSION & SEDIMENT CONTROL PLAN ES-0002 FOR TOPSOIL SEGREGATION AND EROSION CONTROL INSTALLATION.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

PROJ. ENG.	KG	150ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL SIDE SLOPE CONSTRUCTION - RIGHT SIDE -	DWG. NO. S4NX-P-8019
CHECKED BY:	DC	150ct15			
DRAWN BY:	RVE	150ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: OHIO / MICHIGAN	



**TYPICAL 125' TO 145'
 SIDE SLOPE CONSTRUCTION**
 N.T.S.

ADDITIONAL TEMPORARY WORKSPACE		
SLOPE ANGLE	SPOIL SIDE	WORKING SIDE
0° - 10°	15	0
10° - 20°	25	0
20° - 30°	50	25

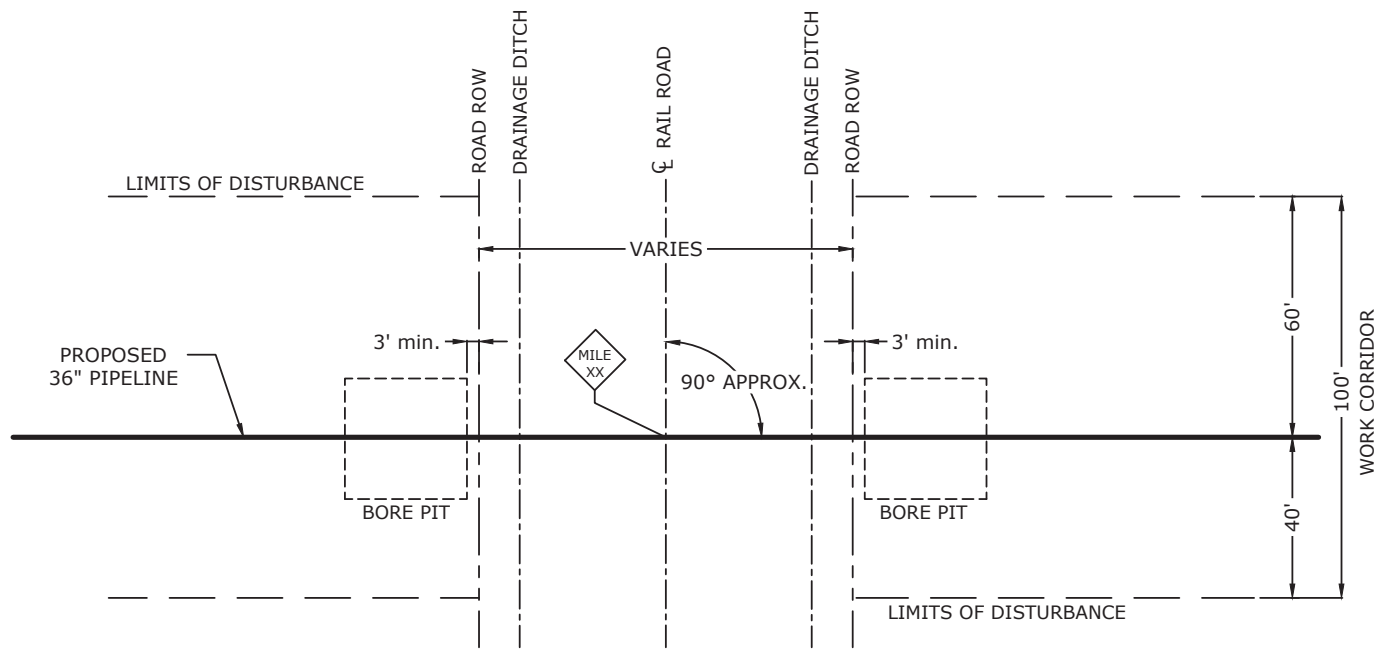
NOTES:

- SEE ADDITIONAL TEMPORARY WORKSPACE TABLE.
- REFERENCE EROSION & SEDIMENT CONTROL PLAN ES-0002 FOR TOPSOIL SEGREGATION & EROSION CONTROL INSTALLATION.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

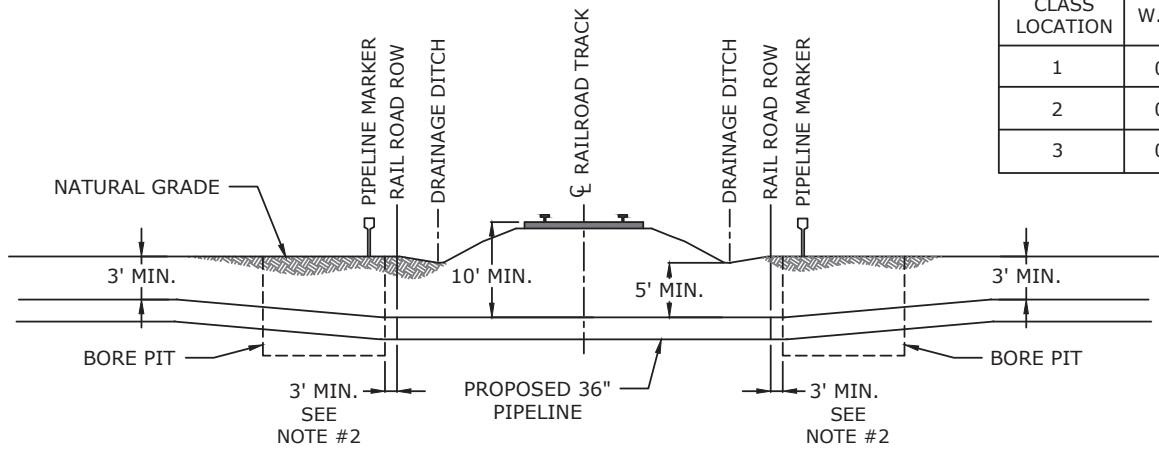
PROJ. ENG.	KG	150ct15	YR.: 2017	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL SIDE SLOPE CONSTRUCTION - LEFT SIDE -	DWG. NO. S4NX-P-8020
CHECKED BY:	DC	150ct15			
DRAWN BY:	RVE	150ct15			
SCALE:	NTS	DATE	REV.: 0	LOC.: OHIO / MICHIGAN	

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PLAN
NTS

WALL THICKNESS	
CLASS LOCATION	W.T. (IN)
1	0.515
2	0.618
3	0.741



PROFILE
NTS

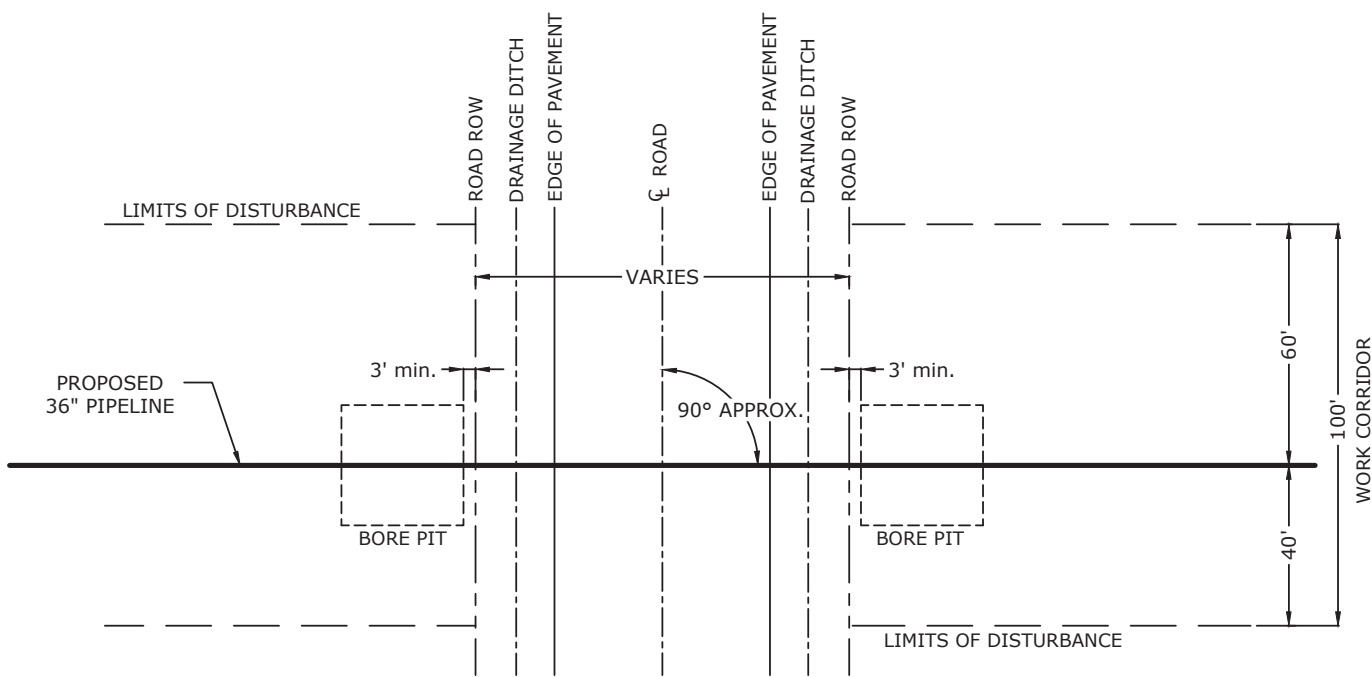
NOTES:

- PIPE SPECS WITHIN R/W:
O.D.: 36"
WALL: SEE TABLE
GRADE: API 5L-X70
- DEFINES MINIMUM FOOTAGE OF STRAIGHT PIPE OUTSIDE OF RAILROAD R/W BEFORE RETURNING PIPELINE TO 3FT MIN. COVER AND POSSIBLE PIPE MATERIAL CHANGE.
- BORE PITS MAY HAVE ADDITIONAL SET BACKS FROM ROW TO AVOID POWER LINES OR OTHER UTILITIES.
- CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH APPROVED COUNTY/TOWNSHIP RAILROAD CROSSING PERMIT.
- REFERENCE E&SCP DRAWING ES-0002 FOR TOPSOIL/SUBSOIL SEPARATION AND EROSION CONTROL INSTALLATION PROCEDURE.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

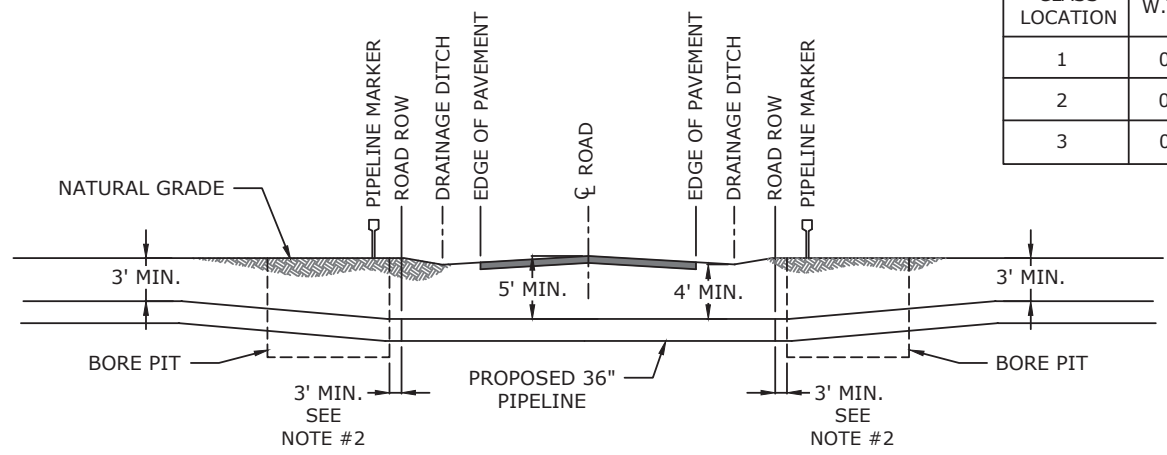
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	Loc.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8021	

October 29, 2015 10:56am
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PLAN
NTS

WALL THICKNESS	
CLASS LOCATION	W.T. (IN)
1	0.515
2	0.618
3	0.741



PROFILE
NTS

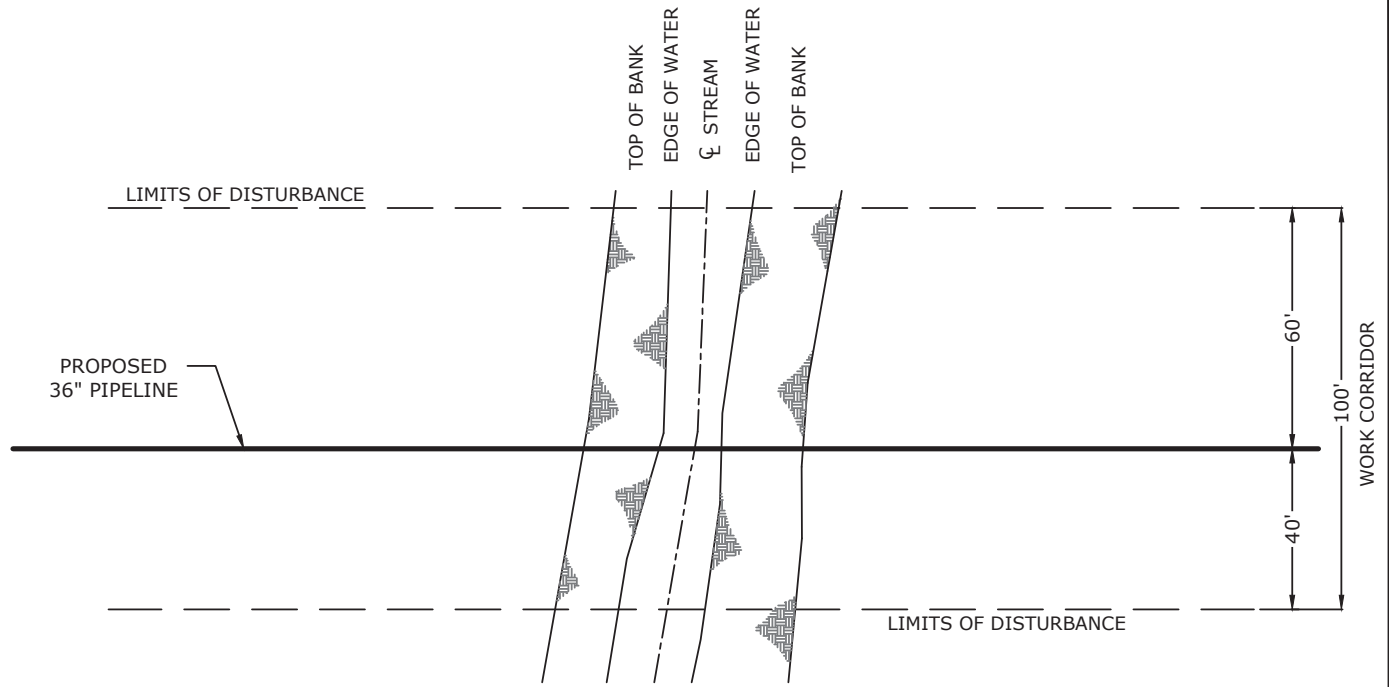
NOTES:

1. PIPE SPECS WITHIN R/W:
O.D.: 36"
WALL: SEE TABLE
GRADE: API 5L-X70
2. DEFINES MINIMUM FOOTAGE OF STRAIGHT PIPE OUTSIDE OF ROAD R/W BEFORE RETURNING PIPELINE TO 3FT MIN. COVER AND POSSIBLE PIPE MATERIAL CHANGE.
3. BORE PITS MAY HAVE ADDITIONAL SET BACKS FROM ROW TO AVOID POWER LINES OR OTHER UTILITIES.
4. CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH APPROVED COUNTY/TOWNSHIP ROAD CROSSING PERMIT.
5. REFERENCE E&SCP DRAWING ES-0002 FOR TOPSOIL/SUBSOIL SEPARATION AND EROSION CONTROL INSTALLATION PROCEDURE.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

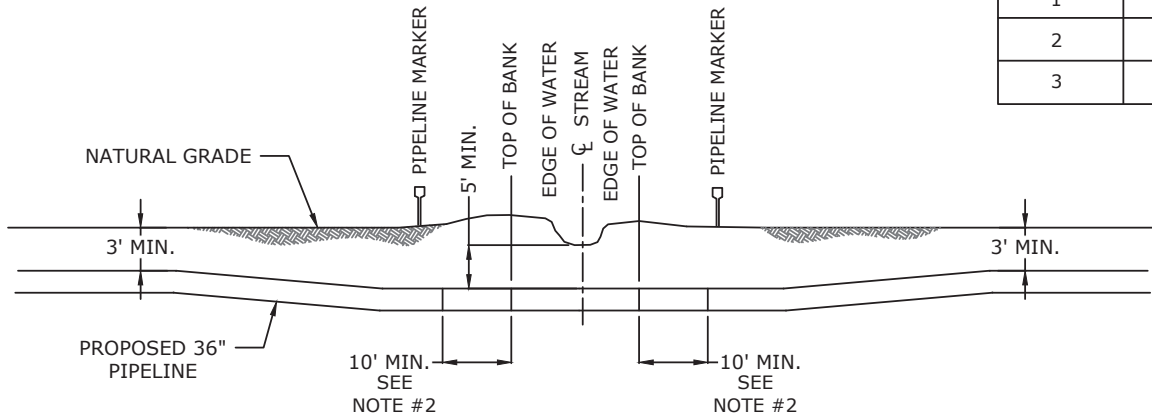
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	Loc.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8022

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PLAN
NTS

WALL THICKNESS	
CLASS LOCATION	W.T. (IN)
1	0.515
2	0.618
3	0.741



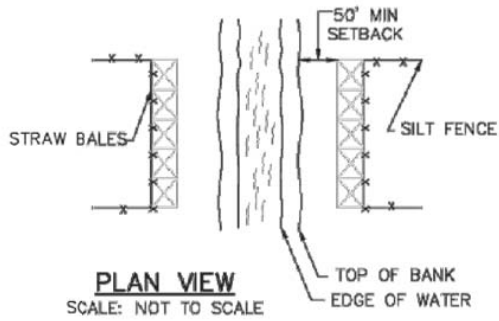
PROFILE
NTS

NOTES:

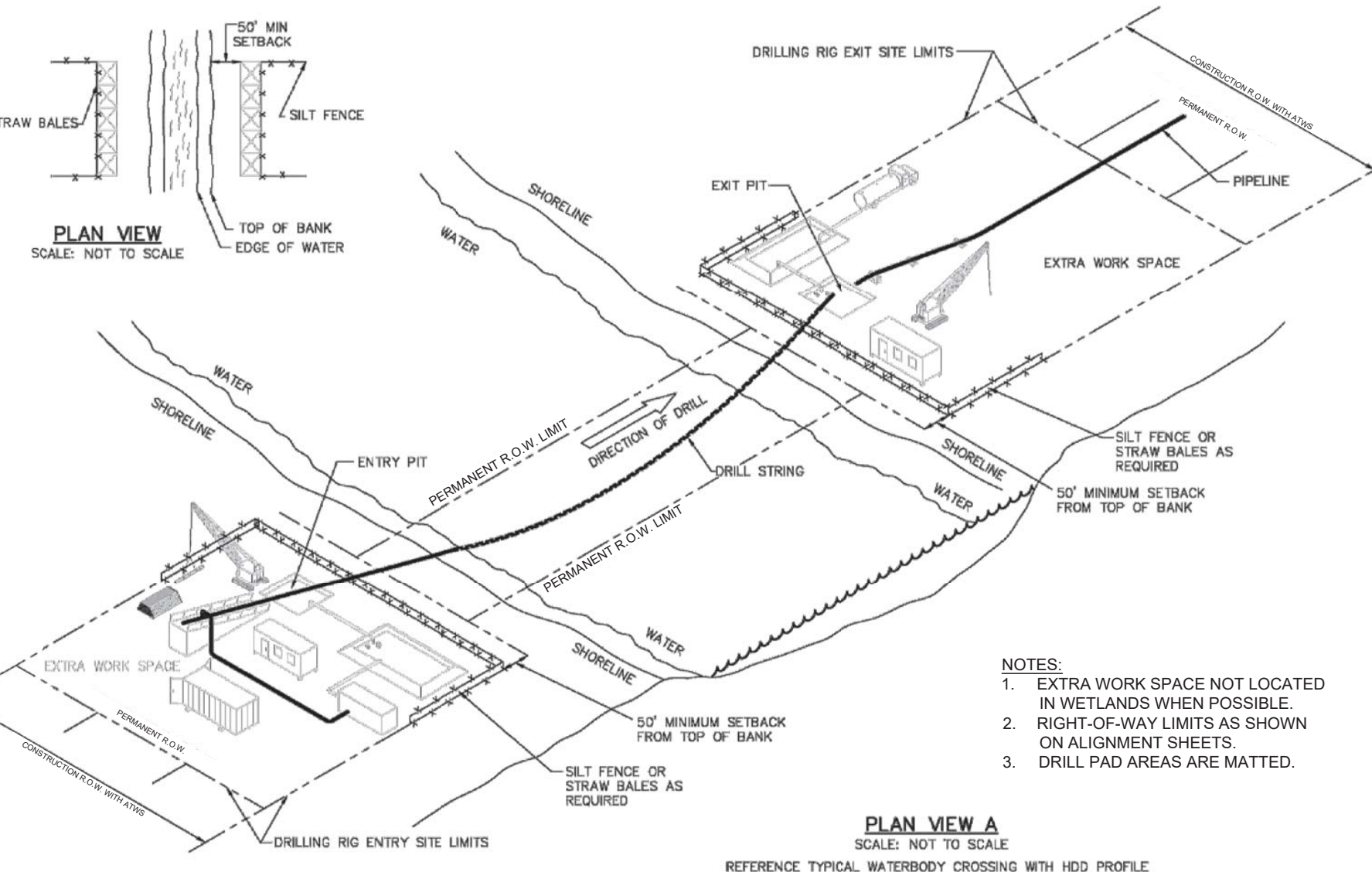
- PIPE SPECS WITHIN R/W:
O.D.: 36"
WALL: SEE TABLE
GRADE: API 5L-X70
- DEFINES MINIMUM FOOTAGE OF STRAIGHT PIPE OUTSIDE OF STREAM, TOP OF BANK BEFORE RETURNING PIPELINE TO 3FT MIN. COVER AND POSSIBLE PIPE MATERIAL CHANGE.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

IC.#	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL STREAM CROSSING CONTROL MEASURE DETAIL	PROJ. ENG. KG	28Aug15
		CHECKED BY: DC	28Aug15
Loc.: OHIO / MICHIGAN		DRAWN BY: RVE	28Aug15
		SCALE: NTS	YR.: 2017
		W.O.	REV.: 0
		DWG. NO. S4NX-P-8023	



PLAN VIEW
SCALE: NOT TO SCALE



PLAN VIEW A

SCALE: NOT TO SCALE

REFERENCE TYPICAL WATERBODY CROSSING WITH HDD PROFILE

- NOTES:**
1. EXTRA WORK SPACE NOT LOCATED IN WETLANDS WHEN POSSIBLE.
 2. RIGHT-OF-WAY LIMITS AS SHOWN ON ALIGNMENT SHEETS.
 3. DRILL PAD AREAS ARE MATTED.

0	ISSUED FOR FERC FILING	29Oct15
REV.	DESCRIPTION	DATE

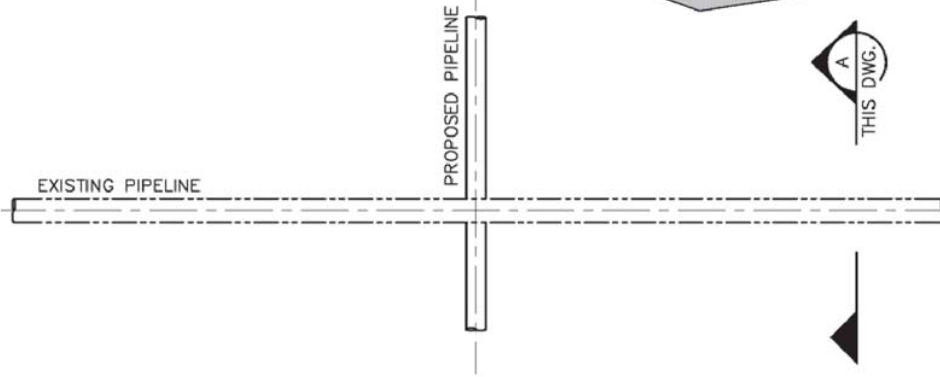
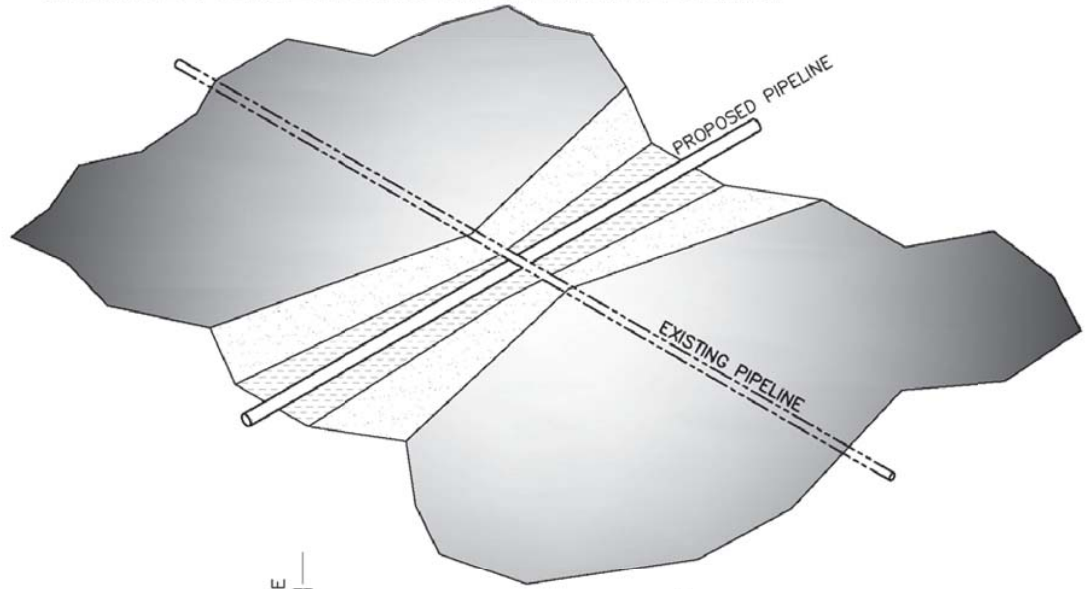
PROJ. ENG.	KG	29Oct15	
CHECKED BY:	DF	29Oct15	YR.: 2017
DRAWN BY:	RVE	29Oct15	W.O.
SCALE:	NTS	DATE	REV.: 0

TITLE: NEXUS GAS TRANSMISSION PROJECT
 TYPICAL WATER BODY CONSTRUCTION
 DETAIL WITH HDD PLAN

LOC.: OHIO / MICHIGAN

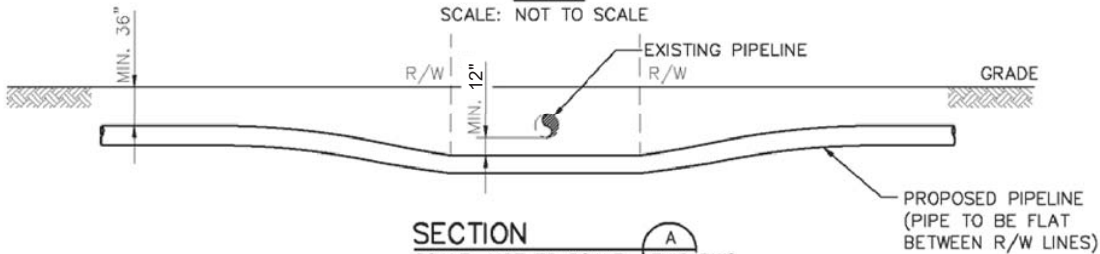
DWG. NO. S4NX-P-8024

ONSHORE PIPELINE CROSSING UNDER EXISTING PIPELINE



PLAN

SCALE: NOT TO SCALE



SECTION

SCALE: NOT TO SCALE

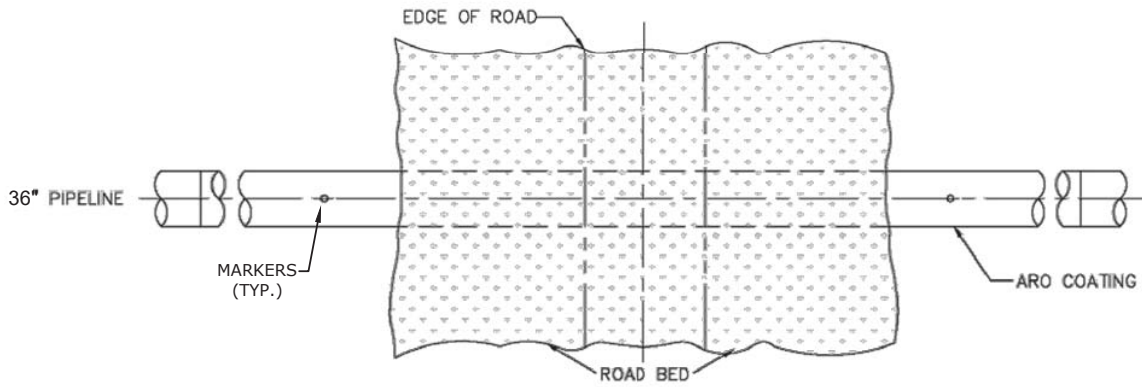
NOTES:

1. PROPOSED PIPE TO BE LAID TO ACCOMMODATE FREE-STRESS BENDING OR WILL BE FIELD BENDS.
2. TRENCH BACKFILL MATERIAL SHALL BE TAKEN FROM SPOIL PILE OR APPROVED BY PERMITTING AGENCY / LANDOWNER / EXISTING PIPELINE OWNER. ALL BACKFILL MATERIAL TO BE STABILIZED TO PREVENT EROSION.
3. IN WETLAND CROSSINGS WITH POOR SOIL CONDITIONS, SANDBAGS OR CONCRETE MATS ARE TO BE USED BETWEEN PIPELINES TO MAINTAIN / ASSURE MINIMUM 24" SEPARATION.
4. TRENCH CONFIGURATION FOR NEW PIPELINE SHALL MINIMIZE SPAN REQUIREMENTS FOR EXISTING LINE AT THE POINT OF CROSSING. TRENCH LAYOUT SHALL FLARE OUTWARD TO NORMAL SIDEWALL CONFIGURATION BEYOND PIPE CROSSING.

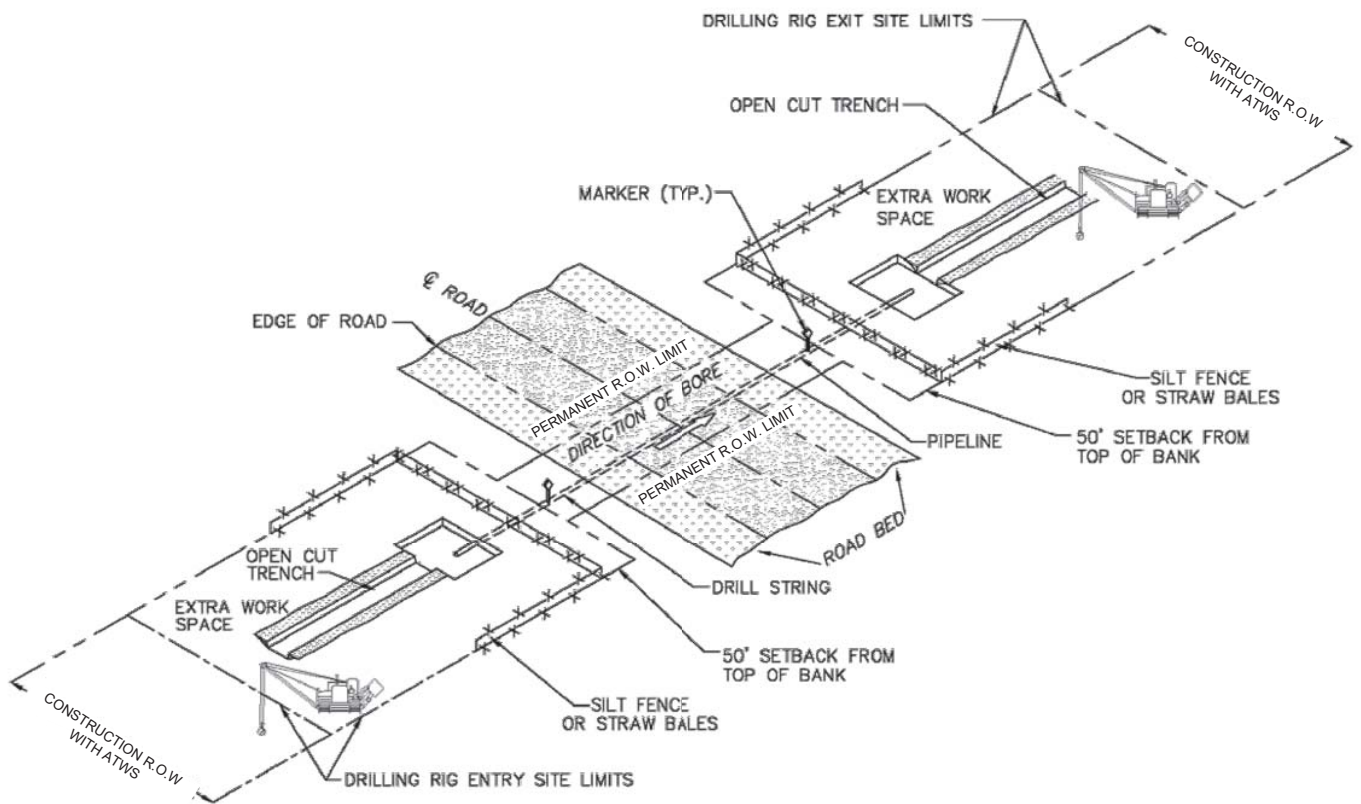
REV.	DESCRIPTION	DATE
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IC.#	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL FOREIGN PIPELINE CROSSING CONSTRUCTION DETAIL	PROJ. ENG. KG	29Oct15
		CHECKED BY: DF	29Oct15
Loc.: OHIO / MICHIGAN		DRAWN BY: RVE	29Oct15
		SCALE: NTS	YR.: 2017
		W.O.	REV.: 0
		DWG. NO. S4NX-P-8025	



PLAN VIEW
SCALE: NOT TO SCALE



PLAN VIEW 'A'
SCALE: NOT TO SCALE

NOTES:

1. EXTRA WORK SPACE NOT LOCATED IN WETLAND WHEN POSSIBLE AND PRACTICAL.
2. RIGHT-OF-WAY LIMITS AS SHOWN ON ALIGNMENT SHEETS.
3. WORK AREA WILL BE TEMPORARILY MATTED FOR MARSH AREAS.

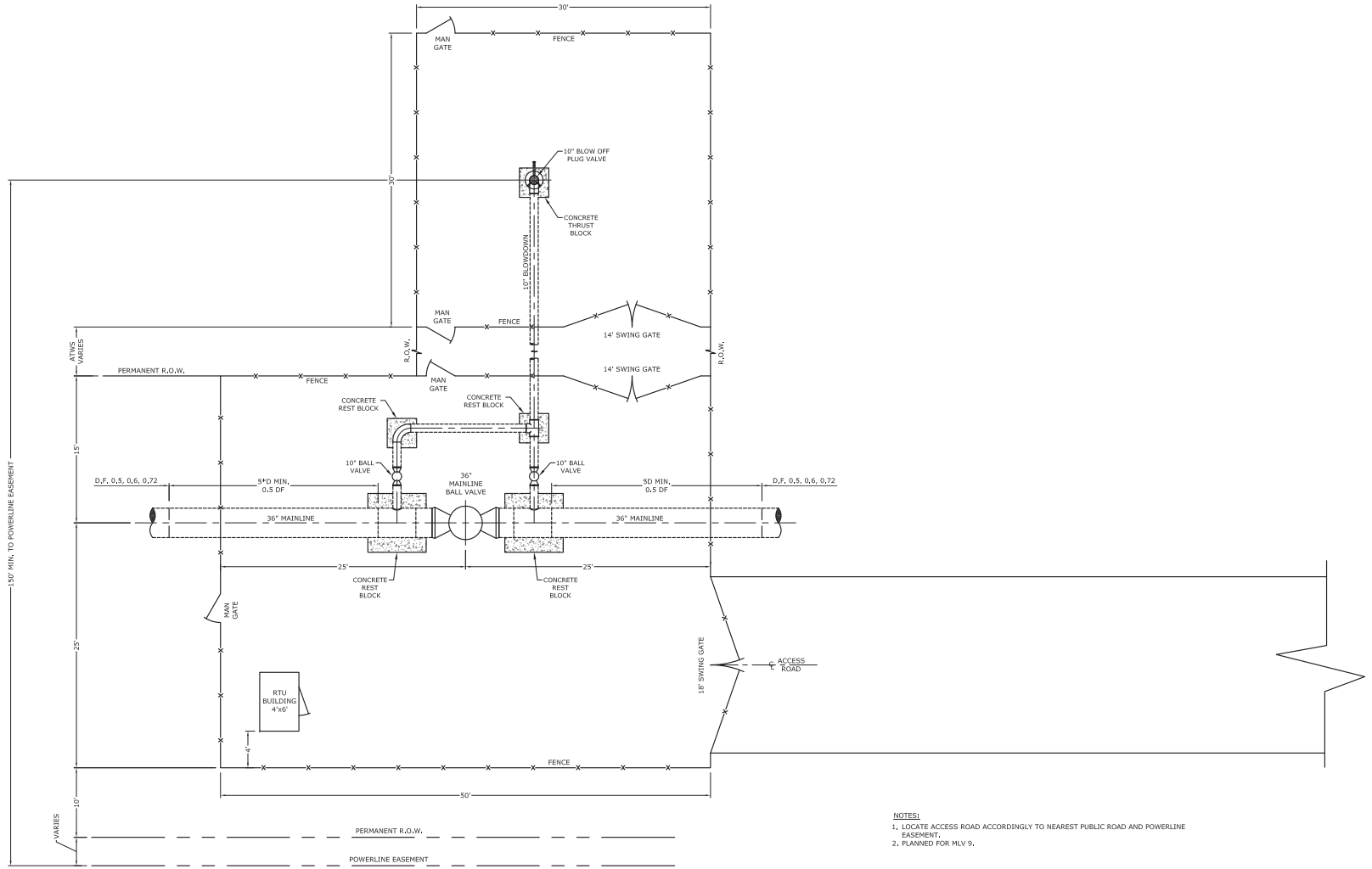
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REV.	DESCRIPTION	DATE

FOR 65995 October 29, 2015 9:59am
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IC.#	
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TITLE:	NEXUS GAS TRANSMISSION PROJECT TYPICAL BORED ROAD CROSSING CONSTRUCTION DETAIL	
Loc.:	OHIO / MICHIGAN	

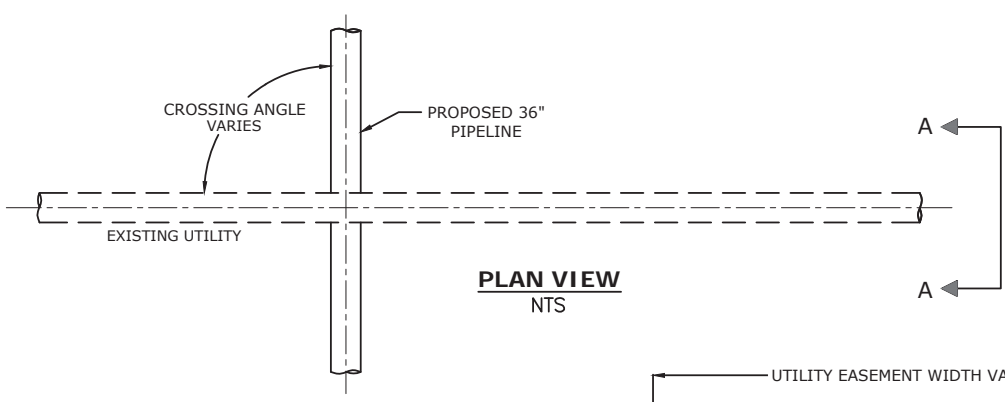
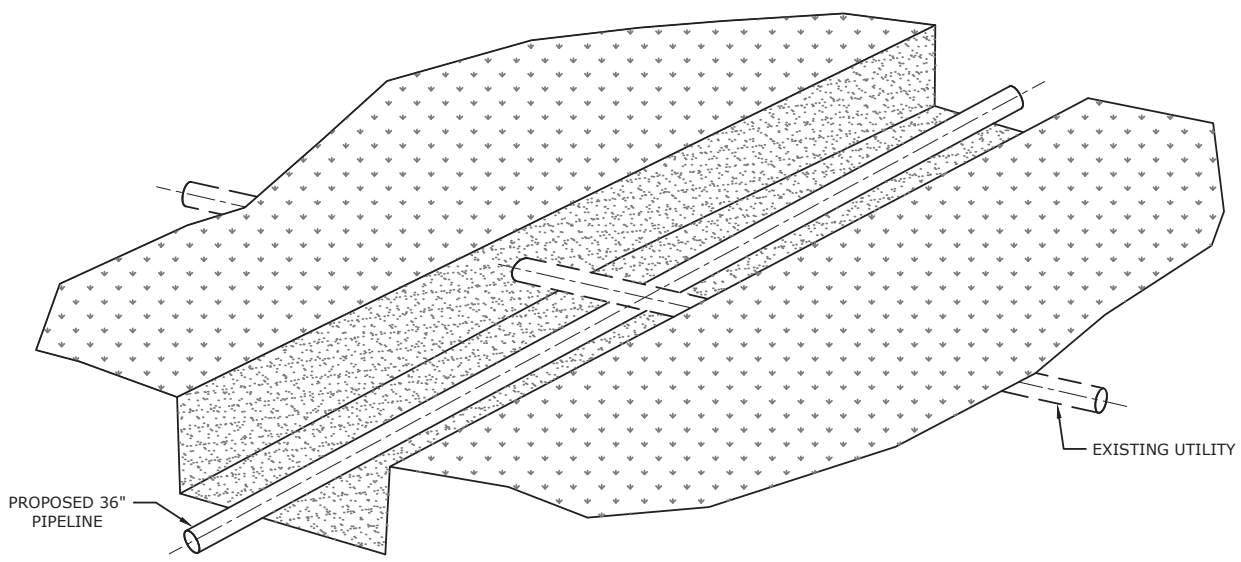
PROJ. ENG.	KG	29Oct15
CHECKED BY:	DF	29Oct15
DRAWN BY:	RVE	29Oct15
SCALE:	NTS	YR.: 2017
W.O.		REV.: 0
DWG. NO.	S4NX-P-8026	



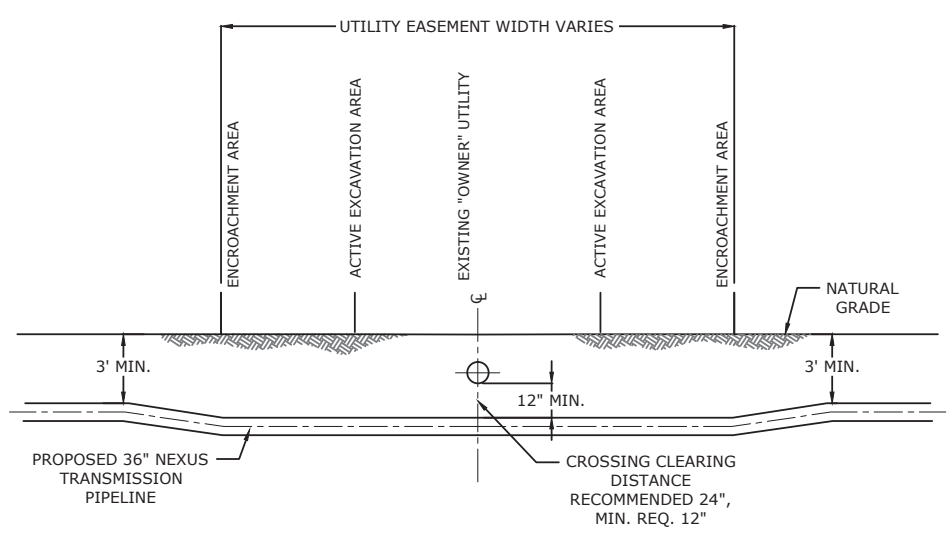
NOTES:
1. LOCATE ACCESS ROAD ACCORDINGLY TO NEAREST PUBLIC ROAD AND POWERLINE EASEMENT.
2. PLANNED FOR MLY 9.

IG#	O	ISSUED FOR FERC FILING	29Oct15	PROJ. ENG. KG	08Oct15	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL 36" MAINLINE VALVE PLOT PLAN WITH REMOTE BLOW-OFF LOCATION - GENERAL PLOT PLAN	
	REV.#	DESCRIPTION	DATE	CHECKED BY: DC	08Oct15	LOC.: OHIO / MICHIGAN	REV.: O
				DRAWN BY: RVE	08Oct15	YR.: 2017	W.O.
				SCALE: NTS	DATE	DWG.NO. S4NX-P-8027	

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PLAN VIEW
NTS



PROFILE
SEC. A-A
NTS

NOTES:

1. PROPOSED PIPE TO BE LAID TO ACCOMMODATE FREE-STRESS BENDING OR WILL BE FIELD BENDS.
2. TRENCH BACKFILL MATERIAL SHALL BE TAKEN FROM SPOIL PILE OR APPROVED BY PERMITTING AGENCY/LANDOWNER/EXISTING PIPELINE OWNER. ALL BACKFILL MATERIAL TO BE STABILIZED TO PREVENT EROSION.
3. IN WETLAND CROSSINGS WITH POOR SOIL CONDITION, SANDBAGS OR CONCRETE MATS ARE TO BE USED BETWEEN PIPELINES TO MAINTAIN MINIMUM 12" SEPERATION.
4. TRENCH CONFIGURATION FOR NEW PIPELINE SHALL MINIMIZE SPAN REQUIREMENTS FOR EXISTING LINE AT THE POINT OF CROSSING.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

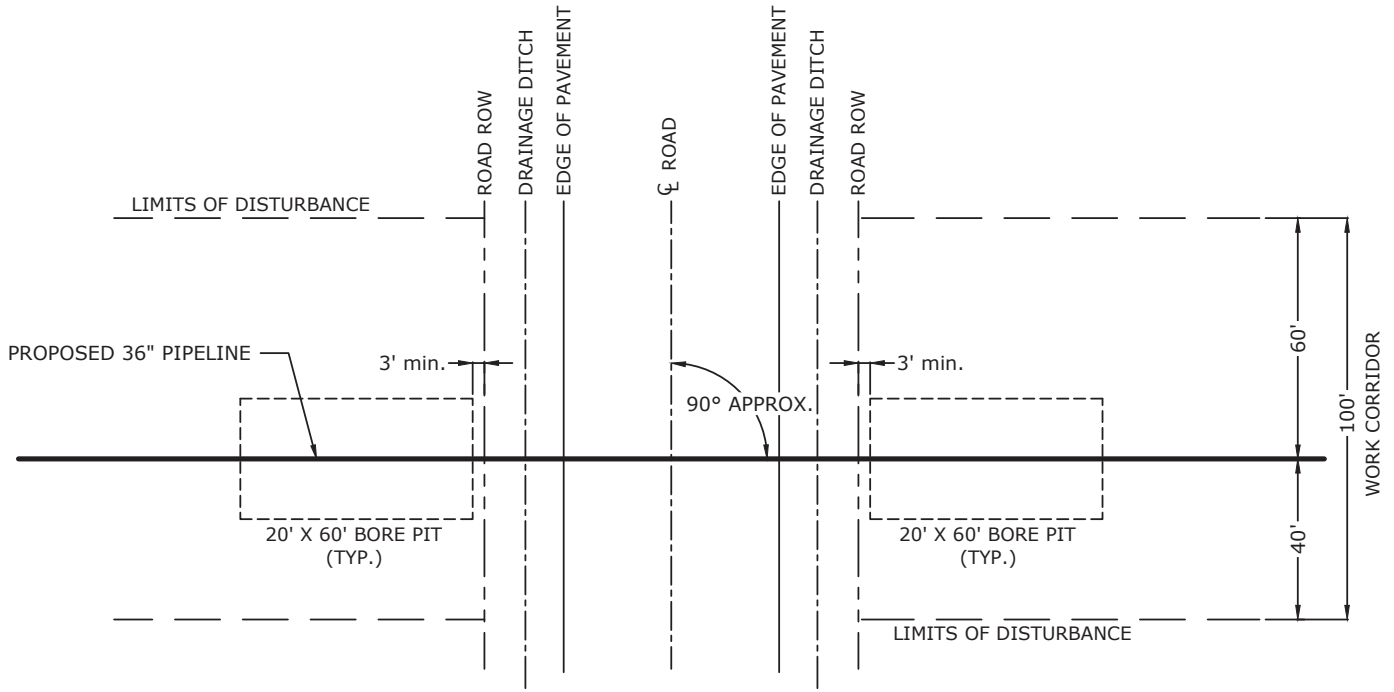
IC.#

TITLE: NEXUS GAS TRANSMISSION PROJECT
 TYPICAL PIPELINE CONSTRUCTION DETAIL
 CROSSING WITH EXISTING UTILITY

Loc.: OHIO / MICHIGAN

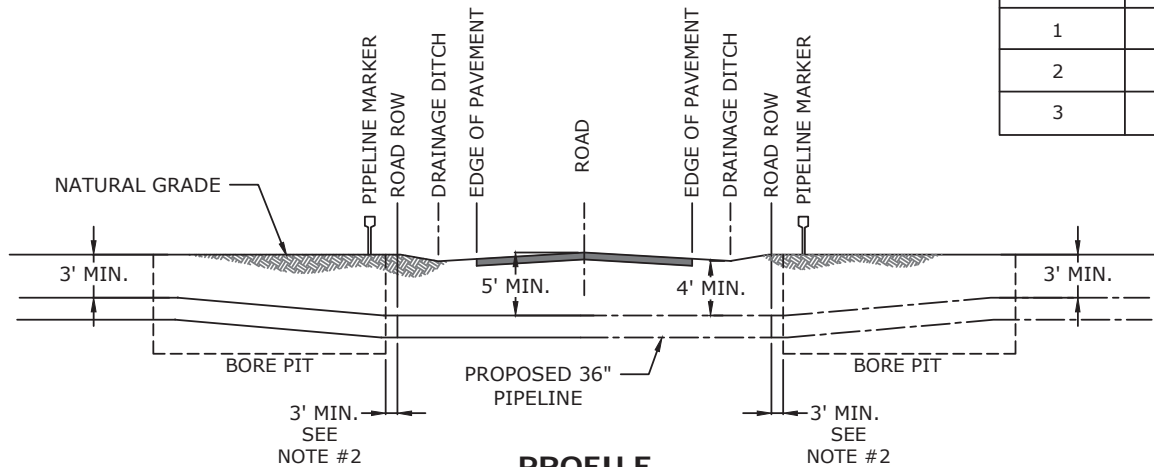
PROJ. ENG. KG	2Sept15
CHECKED BY: PW	2Sept15
DRAWN BY: RVE	2Sept15
SCALE: NTS	YR.: 2017
W.O.	REV.: 0
DWG. NO. S4NX-P-8029	

FOR63995 October 29, 2015 8:30am
 Filename: \\HOPPEL014\HO_S4NX\CAD\295_PIPELINE_TYPICAL_DETAILS\ISSUED FOR FERC\S4NX-P-8030_0.DWG



PLAN
NTS

WALL THICKNESS	
CLASS LOCATION	W.T. (IN)
1	0.515
2	0.618
3	0.741



PROFILE
NTS

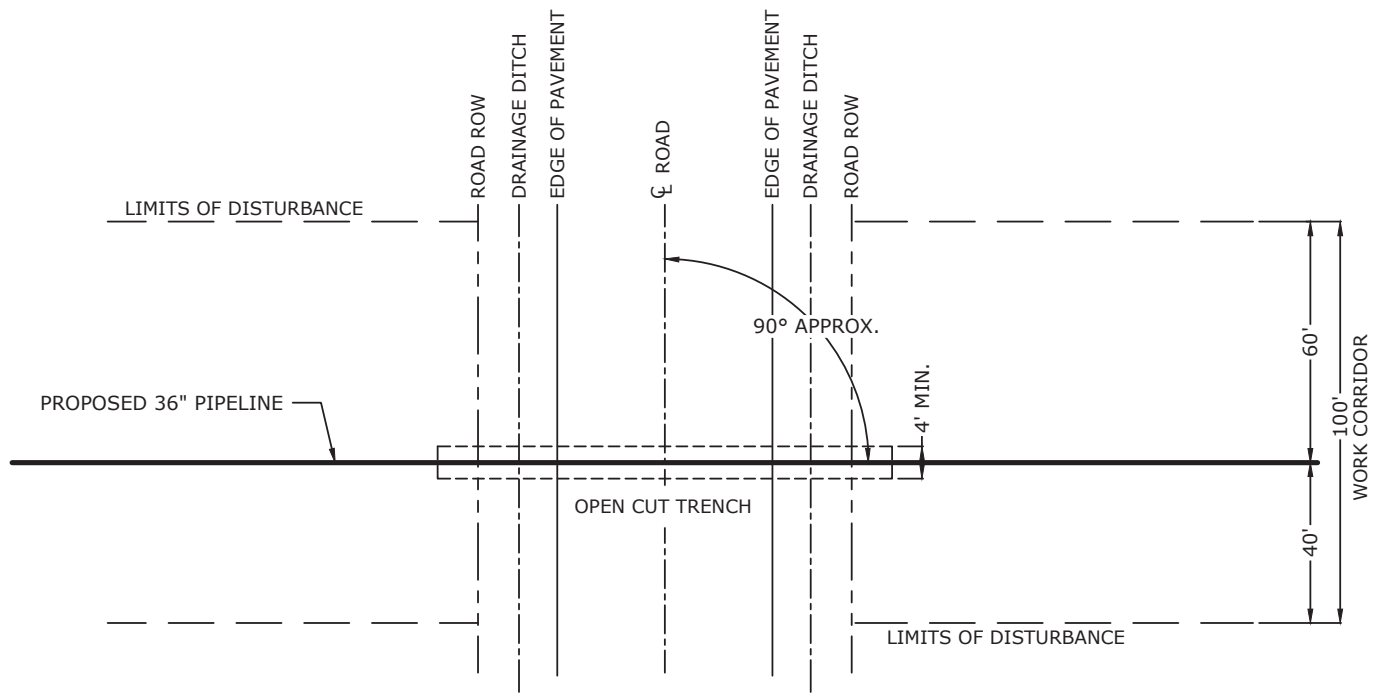
NOTES:

1. PIPE SPECS WITHIN R/W:
O.D.: 36"
WALL: SEE TABLE
GRADE: API 5L-X70
2. DEFINES MINIMUM FOOTAGE OF STRAIGHT PIPE OUTSIDE OF ROAD R/W BEFORE RETURNING PIPELINE TO 3FT MIN. COVER AND POSSIBLE PIPE MATERIAL CHANGE.
3. BORE PITS MAY HAVE ADDITIONAL SET BACKS FROM ROW TO AVOID POWER LINES OR OTHER UTILITIES.
4. CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH APPROVED COUNTY/TOWNSHIP ROAD CROSSING PERMIT.
5. REFERENCE E&SCP DRAWING ES-0002 FOR TOPSOIL/SUBSOIL SEPARATION & EROSION CONTROL INSTALLATION PROCEDURES.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

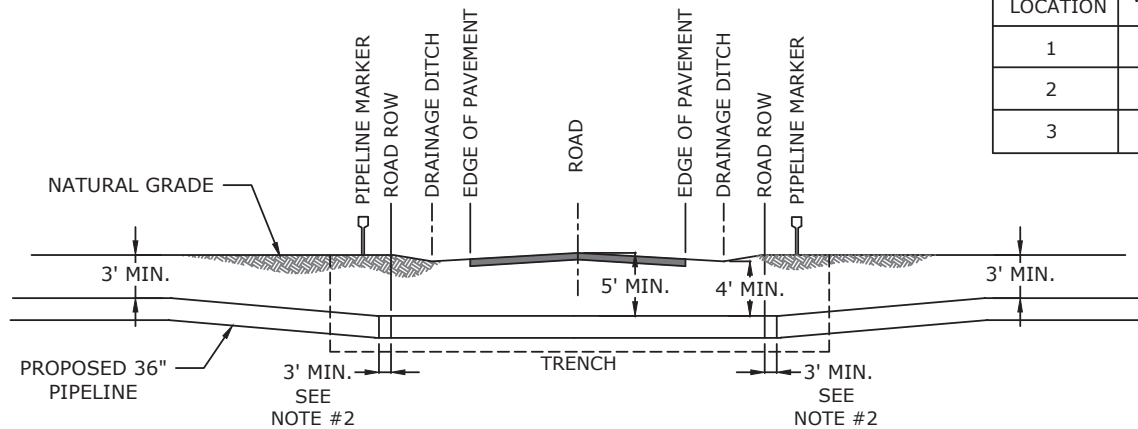
IC.#	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL BORED ROAD CROSSING COUNTY/ TOWNSHIP ROAD	PROJ. ENG. KG 150ct15 CHECKED BY: DC 150ct15 DRAWN BY: RVE 150ct15 SCALE: NTS YR.: 2017 W.O. REV.: 0
	Loc.: OHIO / MICHIGAN	DWG. NO. S4NX-P-8030

FOR63995 October 29, 2015 8:31am
 Filename: \\HOPPE\1014\HO_S4NX\CAD\295_PIPELINE_TYPICAL_DETAILS\ISSUED FOR FERC\S4NX-P-8031_0.DWG



PLAN
NTS

WALL THICKNESS	
CLASS LOCATION	W.T. (IN)
1	0.515
2	0.618
3	0.741



PROFILE
NTS

NOTES:

1. PIPE SPECS WITHIN R/W:
O.D.: 36"
WALL: SEE TABLE
GRADE: API 5L-X70
2. DEFINES MINIMUM FOOTAGE OF STRAIGHT PIPE OUTSIDE OF ROAD R/W BEFORE RETURNING PIPELINE TO 3FT MIN. COVER AND POSSIBLE PIPE MATERIAL CHANGE.
3. CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH APPROVED COUNTY/TOWNSHIP ROAD CROSSING PERMIT.
4. TRENCH EXCAVATION TO BE BACKFILLED WITH CONTROLLED DENSITY FILL TO AVOID ROAD SETTLEMENT.
5. REFERENCE E&SCP DRAWING ES-0002 FOR TOPSOIL/SUBSOIL SEPARATION & EROSION CONTROL INSTALLATION PROCEDURES.

REV.	DESCRIPTION	DATE
0	ISSUED FOR FERC FILING	29Oct15

IC.#	TITLE: NEXUS GAS TRANSMISSION PROJECT TYPICAL "OPEN CUT" ROAD CROSSING COUNTY/TOWNSHIP ROAD	PROJ. ENG. KG 150ct15
		CHECKED BY: DC 150ct15
Loc.: OHIO / MICHIGAN		DRAWN BY: RVE 150ct15
		SCALE: NTS YR.: 2017
		W.O. REV.: 0
		DWG. NO. S4NX-P-8031