

LARGE FILING SEPARATOR SHEET

CASE NUMBER 12-1726-EL-BLN

FILE DATE 11-9-2012

SECTION: 2 OF 2

NUMBER OF PAGES: 108

DESCRIPTION OF DOCUMENT:

LETTER OF NOTIFICATION Application

Summit County		
	Property Address	Parcel Number
104.	Paul F & Sandra B Schuller Brandywine Rd Northfield, OH 44067	4502246
105.	Ohio Edison Co Stoney Brook Rd Northfield, OH 44067	4502283
106.	David A Waldron & Associates Inc 2133 Mineral Rights Northfield, OH 44067	4502539
107.	Greenwood Village Community Association Inc Greenwood Pkwy Northfield, OH 44067	4502771
108.	David & Hope Koncal Trustee 559 Houghton Rd Northfield, OH 44067	4503155
109.	Eaton Estate Community Association Inc Houghton Rd Northfield, OH 44067	4504112
110.	Villas At Eaton Estate II Homeowners Association Houghton Rd Northfield, OH 44067	4504234
111.	Eaton Estate Community Association Inc Squire Dr Northfield, OH 44067	4504280
112.	Eaton Estate Community Association Inc Augusta Ln Northfield, OH 44067	4504301
113.	Eaton Estate Community Association Inc Squire Dr Northfield, OH 44067	4504324
114.	Eaton Estate Community Association Inc Baptist Cir Northfield, OH 44067	4504500
115.	Lori A Claren 7422 S Boyden Rd Northfield, OH 44067	4504903
116.	Raymond G & Kimberly A Kovalchick 7430 S Boyden Rd Northfield, OH 44067	4504904

Summit County		
	Property Address	Parcel Number
117.	David L & Christine Rodriguez S Boyden Rd Northfield, OH 44067	4504905
118.	Eaton Ridge Ltd 201 Eaton Ridge Dr Northfield, OH 44067	4504935
119.	Sandstone Inc Southridge Rd Northfield, OH 44067	4504974
120.	Robert J Lisy 7392 Shearer Rd Northfield, OH 44067	4505108
121.	Nordonia Hills City School District Sagamore Rd Northfield, OH 44067	4505178
122.	Eaton Estate Community Association Inc Creekside Dr Northfield, OH 44067	4505187
123.	Eaton Estate Community Association Inc Creekside Dr Northfield, OH 44067	4505188
124.	Catherine M Perko Trustee Olde Eight Rd Northfield, OH 44067	4505230
125.	Green Light Oil & Gas LLC 9280 Brandywine Rd Northfield, OH 44067	4505249
126.	Alanna Volcansek 5218 Merrit Dr Northfield, OH 44067	4505308
127.	Dutch Heritage Homes Inc Merrit Dr Northfield, OH 44067	4505309
128.	Cleveland Electric Illuminating Co W Highland Rd Macedonia, OH 44056	4505430
129.	Windsor Commons Condominium Holzhauer Rd Northfield, OH 44067	4505434

Summit County		
	Property Address	Parcel Number
130.	Ohio Edison Co Aurora Rd Northfield, OH 44067	4505448
131.	Daniel K Richner 8590 Ravenna Rd Twinsburg, OH 44087	6200320
132.	Metro Parks Serving Summit County Et Al Ravenna Rd Twinsburg, OH 44087	6200449
133.	Metro Parks Serving Summit County Et Al Ravenna Rd Twinsburg, OH 44087	6200450
134.	Daniel J Richner Ravenna Rd Twinsburg, OH 44087	6200573
135.	Paula M Leyman Trustee 1438 Highland Rd Macedonia, OH 44056	6200718
136.	Metro Parks Serving Summit County 8613 Ravenna Rd Twinsburg, OH 44087	6200893
137.	Trustees Of Twinsburg Twp Enterprise Pkwy Twinsburg, OH 44087	6201114
138.	Mary K Williams Trustee 8550 Ravenna Rd Twinsburg, OH 44087	6201193
139.	Wheeling & Lake Erie Railway Company Herrick Rd Twinsburg, OH 44087	6201275
140.	Moore Well Production LLC 1121 Mineral Rights Twinsburg, OH 44087	6201462
141.	Metro Parks Serving Summit County Board of Commissioners 3 Ravenna Rd Twinsburg, OH 44087	6201479
142.	Moore Well Production LLC 1365 Mineral Rights Twinsburg, OH 44087	6201504

Summit County		
	Property Address	Parcel Number
143.	Moore Well Services Inc 1213 Mineral Rights Twinsburg, OH 44087	6201511
144.	Moore Well Production LLC 1222 Mineral Rights Twinsburg, OH 44087	6201512
145.	Moore Well Production LLC 1211 Mineral Rights Twinsburg, OH 44087	6201517
146.	Moore Well Production LLC 1345 Mineral Rights Twinsburg, OH 44087	6201525
147.	Moore Well Production LLC 1364 Mineral Rights Twinsburg, OH 44087	6201582
148.	Moore Well Production LLC 1418 Mineral Rights Twinsburg, OH 44087	6201609
149.	Samuel Steel Pickling Company 1400 Enterprise Pkwy Twinsburg, OH 44087	6204270
150.	Britons In America Club Inc Mosswood Ln Twinsburg, OH 44087	6204344
151.	Highland Som Dev Co Bavaria Rd Twinsburg, OH 44087	6204420
152.	Dyne LP 8001 Bavaria Rd Twinsburg, OH 44087	6204421
153.	City Of Cleveland Ohio 8021 Bavaria Rd Twinsburg, OH 44087	6204422
154.	Trionix Reserch Laboratory Inc 8037 Bavaria Rd Twinsburg, OH 44087	6204423
155.	Kevin Edward Brown 2569 Old Mill Rd Hudson, OH 44236	6204470

Summit County		
	Property Address	Parcel Number
156.	Ohio Edison Co Highland Ave Macedonia, OH 44056	6204474
157.	Twinsburg Township Bavaria Rd Twinsburg, OH 44087	6204543
158.	City Of Cleveland Ohio 8021 Bavaria Rd Twinsburg, OH 44087	6205648
159.	Board Of Commissioners Of Metro Parks E Aurora Rd Northfield, OH 44067	6205655
160.	Westside Falls LLC 8265 Darrow Rd Hudson, OH 44236	6403570
161.	Chet S & Linda M Mistur 2650 Mosswood Ln Twinsburg, OH 44087	6403589
162.	Jesse Boling Mosswood Ln Twinsburg, OH 44087	6405347
163.	Michael T Sekela Darrow Rd Hudson, OH 44236	6405349
164.	Judith L Moore Amann Mosswood Ln Twinsburg, OH 44087	6405352
165.	Ganzhorn Properties 2300 Pinnacle Pkwy Twinsburg, OH 44087	6405357
166.	Ohio Edison Co 2111 S Case Pkwy Twinsburg, OH 44087	6405389
167.	JCJ Company 2003 S Case Pkwy Twinsburg, OH 44087	6405557
168.	Oak Leaf II Co 1900 S Case Pkwy Twinsburg, OH 44087	6405559

Summit County		
	Property Address	Parcel Number
169.	JCJ Company S Case Pkwy Twinsburg, OH 44087	6405561
170.	Case Parkway Investments LLC 2075 S Case Pkwy Twinsburg, OH 44087	6405563
171.	Phil Way Properties Limited 1953 S Case Pkwy Twinsburg, OH 44087	6406557
172.	JCJ Company S Case Pkwy Twinsburg, OH 44087	6406559
173.	Lewis Limited Partnership 1941 S Case Pkwy Twinsburg, OH 44087	6406870
174.	Envirotest Systems Corp 2180 Pinnacle Pkwy Twinsburg, OH 44087	6406911
175.	2242 Pinnacle LLC 2242 Pinnacle Pkwy Twinsburg, OH 44087	6406912
176.	Case 3 Parkway Condo Case Pkwy Twinsburg, OH 44087	6408373
177.	Nextel West Corp 2111 S Case Pkwy Twinsburg, OH 44087	6408485
178.	J R Smail Inc 3019 Mineral Rights Hudson, OH 44236	6409182
179.	J R Smail Inc 3020 Mineral Rights Hudson, OH 44236	6409271

Cuyahoga County		
	Property Address	Parcel Number
1.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79321003
2.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79321004
3.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79321005
4.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79321012
5.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79323001
6.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79323011
7.	Board Of Commissioners of Cleveland Metro Park Alexander Rd Walton Hills, OH 44146	79323013
8.	Cleveland Electric Company Alexander Rd Walton Hills, OH 44146	79323015
9.	Cleveland Metroparks District Alexander Rd Walton Hills, OH 44146	79328001
10.	Ceico Co Alexander Rd Walton Hills, OH 44146	79328002
11.	U S A 15850 Alexander Rd Walton Hills, OH 44146	79328003
12.	Board Of Park Commissioners Sagamore Rd Walton Hills, OH 44146	79328004
13.	Board Of Park Commissioners Sagamore Rd Walton Hills, OH 44146	79328005
14.	Margaret A. Lennard 7750 Summerset Dr Walton Hills, OH 44146	79416006

Cuyahoga County		
	Property Address	Parcel Number
15.	Elsie H. Issel 7815 Dunham Rd Walton Hills, OH 44146	79416009
16.	John W. Puchowicz Dunham Rd Walton Hills, OH 44146	79416020
17.	James L Rostankowski 7700 Summerset Dr Walton Hills, OH 44146	79416024
18.	Dawn & Fred M. Hoenigman 7801 Dunham Rd Walton Hills, OH 44146	79417002
19.	Dunham Rd ¹ Walton Hills, OH 44146	79417005
20.	Dunham Rd ¹ Walton Hills, OH 44146	79417006
21.	Summerset Dr ¹ Walton Hills, OH 44146	79417015
22.	Cleveland Electric Company Dunham Rd Walton Hills, OH 44146	79417026
23.	Dunham Rd ¹ Walton Hills, OH 44146	79418999
24.	Sharon L. Kapla 16953 Sagamore Rd Walton Hills, OH 44146	79419011
25.	Kenneth O'Neal 16971 Sagamore Rd Walton Hills, OH 44146	79419012
26.	Richard J. & Tauche Gromovsky 16993 Sagamore Rd Walton Hills, OH 44146	79419013
27.	Jerrall D. Collier 7989 Sonny Dr Walton Hills, OH 44146	79419014
28.	Gary Barnes 17077 Sagamore Rd Walton Hills, OH 44146	79419015
29.	Diane L. Robinson 7866 Sonny Dr Walton Hills, OH 44146	79419030

Cuyahoga County		
	Property Address	Parcel Number
30.	Karen K. Twedell 7900 Sonny Dr Walton Hills, OH 44146	79419031
31.	Karen K. Twedell 7900 Sonny Dr Walton Hills, OH 44146	79419032
32.	Kelly A Kanyok 17115 Sagamore Rd Walton Hills, OH 44146	79419039
33.	Mary Malone 7750 Macedonia Rd Oakwood, OH 44146	79528004
34.	Cleveland Electric Company Macedonia Rd Oakwood, OH 44146	79528007
35.	Terra Bella Farms Macedonia Rd Oakwood, OH 44146	79531026
36.	Terra Vista Ltd 350 Golden Oak Pkwy Oakwood, OH 44146	79531030
37.	Golden Oak Development Company Golden Oak Pkwy Oakwood, OH 44146	79531031
38.	Terra Bella Inc Macedonia Rd Oakwood, OH 44146	79532016
39.	Thermo Eberline LLC 1 Thermo Fisher Way Oakwood, OH 44146	79533003
40.	Cleveland Industrial Portfolio 26400 Broadway Ave Oakwood, OH 44146	79533015
41.	Frusteri Corp 26481 Broadway Ave Oakwood, OH 44146	79536002
42.	Greater Cleveland R.T.A. Broadway Ave Oakwood, OH 44146	79536005

Cuyahoga County		
	Property Address	Parcel Number
43.	J.A.P. Holding Company II 26496 Broadway Ave Oakwood, OH 44146	79536018
44.	Terra Bella Inc Broadway Ave Oakwood, OH 44146	79536019
45.	Terra Bella Farms Broadway Ave Oakwood, OH 44146	79536020
46.	Cleveland Electric Company Broadway Ave Oakwood, OH 44146	79536021
47.	Thermo Eberline LLC 1 Thermo Fisher Way Oakwood, OH 44146	79536022
48.	Village Of Glenwillow Pettibone Rd Glenwillow, OH 44139	99108001
49.	Patrick H. Martin Pettibone Rd Glenwillow, OH 44139	99108002
50.	Village Of Glenwillow Pettibone Rd Glenwillow, OH 44139	99109005
51.	Cleveland Electric Company Pettibone Rd Glenwillow, OH 44139	99109007
52.	Jeffrey L. Taussig Richmond Rd Glenwillow, OH 44139	99111001
53.	Cleveland Electric Company 7685 Richmond Rd Glenwillow, OH 44139	99111004
54.	Village Of Glenwillow 90000 Pettibone Rd Glenwillow, OH 44139	99112008
55.	Cleveland Electric Company Pettibone Rd Glenwillow, OH 44139	99113001

Cuyahoga County		
	Property Address	Parcel Number
56.	Charles L. Williams 7685 Pinecrest Ln Glenwillow, OH 44139	99113009
57.	Oladapo Oguntoyinbo 7700 Pinecrest Ln Glenwillow, OH 44139	99113010
58.	Sadananda & Choudhury H Sahu 7680 Pinecrest Ln Glenwillow, OH 44139	99113011
59.	Pettibone Glen LLC Pettibone Rd Glenwillow, OH 44139	99114001
60.	Cleveland Electric Company Pettibone Rd Glenwillow, OH 44139	99114026
61.	Glenwillow Communication 28500 Pettibone Rear Rd Glenwillow, OH 44139	99115019
62.	CEI Co Cochran Rd Glenwillow, OH 44139	99116003
63.	Board Of County Commissioners Cochran Rd Glenwillow, OH 44139	99117002
64.	Cochran Rd Glenwillow, OH 44139	99118001
65.	Fresh Air Camp of Prokop Velky Cochran Rd Glenwillow, OH 44139	99118002
66.	Fresh Air Camp of Prokop Velky 7272 Cochran Rd Glenwillow, OH 44139	99119001
67.	Wheeling & Lake Erie Railway Glenwillow, OH 44139	99119002
68.	Board Of County Commissioners E Cochran Rd Glenwillow, OH 44139	99122001
69.	First Industrial LP Old Cochran Rd Glenwillow, OH 44139	99122003

EXHIBIT 5: OFFICIALS SERVED COPY OF LON
Bruce Mansfield – Glenwillow 345 kV Transmission Line
Case NO. 12-1726-EL-BLN

Columbiana County

John Goempel, Chief Deputy Auditor
Columbiana County Planning Commission
105 South Market Street
Lisbon, Ohio 44432

Michael Halleck, County Commissioner,
President
105 South Market Street
Lisbon, Ohio 44432

Jim Hoppel, County Commissioner, Vice
President
105 South Market Street
Lisbon, Ohio 44432

Bert Dawson, County Engineer
235 South Market Street
Lisbon, Ohio 44432

John Payne, County Commissioner
105 South Market Street
Lisbon, Ohio 44432

Dorthea Betz
Chairman Columbiana County Park District
130 West Maple Street
Lisbon, Oh 44432

Fairfield Township

Robert Hum II, Trustee
3062 Fairfield School Road
Columbiana, Ohio 44408

Barry Miner, Trustee
3062 Fairfield School Road
Columbiana, Ohio 44408

Carl Garwood, Trustee
3062 Fairfield School Road
Columbiana, Ohio 44408

Pat Hoffmaster, Fiscal Officer
3062 Fairfield School Road
Columbiana, Ohio 44408

Middleton Township

Tim Pancake, Trustee
49589 Pancake Clarkson Road
Rogers, Ohio 44455

Nancy Micheals, Trustee
49589 Pancake Clarkson Road
Rogers, Ohio 44455

Eldena Gearhart, Trustee
47252 Chippewa Trail
Negley, Ohio 44455

Bob Chapman, Fiscal Officer
PO Box 221
Negley, Ohio 44441

Unity Township

Joe Ferris, Trustee
1188 State Route 170
East Palestine, Ohio 44413

Kathy McCarthy, Trustee
56 North Liberty Street
East Palestine, Ohio 43920

Tim Weigle, Trustee
49498 England Drive
East Palestine, Ohio 44413

Nancy Herr, Fiscal Officer
51977 State Route 14
East Palestine, Ohio 44413

Cuyahoga County

Ed Fitzgerald, County Executive
Cuyahoga County Council
County Administration Building
1219 Ontario Street, 4th Floor
Cleveland, OH 44113

Ellen Connally, President, County Council
Cuyahoga County Council
County Administration Building
1219 Ontario Street, 4th Floor
Cleveland, OH 44113

Jeanne M. Schmotze
Clerk of Council
Cuyahoga County Council
County Administration Building
1219 Ontario Street, 4th Floor
Cleveland, OH 44113

Jack Schron, County Council Member –
District 6
County Administration Building
1219 Ontario Street, 4th Floor
Cleveland, OH 44114

Mr. Nathan Kelly, Chair
Cuyahoga County Planning Commission
County Administration Building
1219 Ontario Street
Cleveland, OH 44113

Glenwillow Village

Mark A. Cegelka, Mayor
29555 Pettibone Road
Glenwillow, OH 44139

John A. Baca, Vice-Mayor – Ward 2
29555 Pettibone Road
Glenwillow, OH 44139

Bill Davis, Planning Commission Chairman
29555 Pettibone Road
Glenwillow, OH 44139

Michael E. Henry, Engineer
29555 Pettibone Road
Glenwillow, OH 44139

Oakwood Village

Gary Gottschalk, Mayor
24800 Broadway Avenue
Oakwood Village, Ohio 44146

Johnnie Warren, Council Member, President
24800 Broadway Avenue
Oakwood Village, Ohio 44146

Pat Rogers, Council Member – Ward 4
24800 Broadway Avenue
Oakwood Village, Ohio 44146

Walton Hills Village

Kevin Hurst, Mayor
7595 Walton Road
Walton Hills, Ohio 44146

Don Sheehy, Engineer, Chagrin Valley
Engineering
7598 Walton Road
Walton Hills, Ohio 44146

Denny Linville, Council President
7595 Walton Road
Walton Hills, Ohio 44146

Paul Rich, Council Member
7595 Walton Road
Walton Hills, Ohio 44146

Brian P. Spitznagel, Council Member
7595 Walton Road
Walton Hills, Ohio 44146

Gloria Terlosky, Council Member
7595 Walton Road
Walton Hills, Ohio 44146

Mahoning County

Michael P. O'Shaughnessy, Executive
Director
Mahoning County Planning Commission
Mahoning County Administration Building
21 W. Boardman Street, Second Floor
Youngstown, OH 44503

Anthony Traficanti, County Commissioner
Mahoning County Administration Building
21 W. Boardman Street, Second Floor
Youngstown, OH 44503

Carol Rimedio Righetti, County
Commissioner
Mahoning County Administration Building
21 W. Boardman Street, Second Floor
Youngstown, OH 44503

John McNally III, County Commissioner
Mahoning County Administration Building
21 W. Boardman Street, Second Floor
Youngstown, OH 44503

Robert J. Lidle, Planning Commission Chair
Mahoning County Administration Building
21 W. Boardman Street, Second Floor
Youngstown, OH 44503

Richard A. Marsico, County Engineer
Mahoning County Engineer's Office
940 Bears Den Road
Youngstown, OH 44503

Beaver Township

Ronald Kappler, Trustee
11999 South Avenue
North Lima, Ohio 44452

Ted Lyda, Trustee
11999 South Avenue
North Lima, Ohio 44452

Larry Wehr, Trustee
11999 South Avenue
North Lima, Ohio 44452

Richard Lotze, Fiscal Officer
11999 South Avenue
North Lima, Ohio 44452

Canfield Township

Martha Zarlenga, Trustee
21 S. Broad Street
Canfield, Ohio 44406

Anthony Bettile, Trustee
21 S. Broad Street
Canfield, Ohio 44406

Marie Cartwright, Trustee
21 S. Broad Street
Canfield, Ohio 44406

Carmen Heasley, Fiscal Officer
21 S. Broad Street
Canfield, Ohio 44406

Ellsworth Township

Laura Lewis, Trustee
Ellsworth Township
Box 122
Ellsworth, Ohio 44416

Art (William) Spellman, Trustee
Ellsworth Township
Box 122
Ellsworth, Ohio 44416

Curt Morrison, Trustee
Ellsworth Township
Box 122
Ellsworth, Ohio 44416

Karen Grittie, Fiscal Officer
Ellsworth Township
Box 122
Ellsworth, Ohio 44416

Green Township

George Toy, Trustee
P.O. Box 72
12184 Lisbon Road
Greenford, Ohio 44422

David Slagle, Trustee
P.O. Box 72
12184 Lisbon Road
Greenford, Ohio 44422

Jackson Township

Olin Harkleroad, Trustee
P.O. Box 400
10613 Mahoning Avenue
North Jackson, Ohio 44451

Tom Frost, Trustee
P.O. Box 400
10613 Mahoning Avenue
North Jackson, Ohio 44451

Milton Township

Harold Campbell, Trustee
15992 Milton Avenue
P.O. Box 397
Lake Milton, Ohio 44429

Dave Tomaino, Trustee
15992 Milton Avenue
P.O. Box 397
Lake Milton, Ohio 44429

Randy Chismar, Fiscal Officer
P.O. Box 72
12184 Lisbon Road
Greenford, Ohio 44422

Mark Stepuk, Trustee
P.O. Box 72
12184 Lisbon Road
Greenford, Ohio 44422

Chuck Booth, Trustee
P.O. Box 400
10613 Mahoning Avenue
North Jackson, Ohio 44451

Judy A. Patton , Fiscal Officer
P.O. Box 400
10613 Mahoning Avenue
North Jackson, Ohio 44451

Russell Weimer, Trustee
15992 Milton Avenue
P.O. Box 397
Lake Milton, Ohio 44429

Leni Schulz, Fiscal Officer
15992 Milton Avenue
P.O. Box 397
Lake Milton, Ohio 44429

Portage County

Todd Peetz, Director
Portage County Regional Planning
Commission
123 North Prospect Street
Ravenna, Ohio 44266

Chris Smeiles, Commissioner, President
449 S. Meridian Street, 7th Floor
Portage County Administration Bldg.
Ravenna, Ohio 44266

Deborah Mazanec, Board of Commissioners
Chief Administrator
449 S. Meridian Street, 7th Floor
Portage County Administration Bldg.
Ravenna, Ohio 44266

Tommie Jo Marsilio, Commissioner
449 S. Meridian Street, 7th Floor
Portage County Administration Bldg.
Ravenna, Ohio 44266

Maureen Frederick, Commissioner
449 S. Meridian Street, 7th Floor
Portage County Administration Bldg.
Ravenna, Ohio 44266

Michael A. Marozzi, County Engineer
5000 Newton Falls Road
Ravenna, OH 44266

Edinburg Township

Thomas M. Repcik, Trustee
6856 Tallmadge Road
Rootstown, Ohio 44272

Sandra K. Templeton, Trustee
6856 Tallmadge Road
Rootstown, Ohio 44272

Diane Hargett Austin, Trustee
6856 Tallmadge Road
Rootstown, Ohio 44272

Judy Repcik, Fiscal Officer
P.O. Box 485
Rootstown, Ohio 44272

Palmyra Township

Barbara C. McKenzie, Trustee
10100 Williams Road
Diamond, OH 44412

James Deffenbaugh, Trustee
10100 Williams Road
Diamond, OH 44412

Henry Michael, Trustee
10100 Williams Road
Diamond, OH 44412

Kathy S. Cofjohn, Fiscal Officer
10100 Williams Road
Diamond, OH 44412

Ravenna Township

Hank T. Gibson, Trustee
6115 S. Spring Street
Ravenna, OH 44266

Pat Artz, Trustee
6115 S. Spring Street
Ravenna, OH 44266

Rootstown Township

Diane Dillon, Trustee
3988 State Route 44
Rootstown, OH 44272

Joseph Paulus, Trustee
3988 State Route 44
Rootstown, OH 44272

Shalersville Township

Nancy J. Vines, Trustee
4200 Dudley Road
Mantua, Ohio 44255

Frank R. Ruehr, Trustee
4934 State Route 303
Mantua, Ohio 44255

City of Aurora

Lynn McGill, Mayor
Aurora City Hall
130 South Chillicothe Road
Aurora, Ohio 44202

James Fisher, Council Member, President –
Ward 5
Aurora City Hall
130 South Chillicothe Road
Aurora, Ohio 44202

Vince Coia, Trustee
6115 S. Spring Street
Ravenna, OH 44266

Kelly Rich, Fiscal Officer
6115 S. Spring Street
Ravenna, OH 44266

Brett Housley, Trustee
3988 State Route 44
Rootstown, OH 44272

JoAnn Townend, Fiscal Officer
3265 Bent Oak Drive
Ravenna, OH 44266

Dennis J. Bujak, Trustee
3676 Beck Road
Mantua, Ohio 44255

Dorothy J. Caldwell, Fiscal Officer
9692 Infirmary Road
Mantua, OH 44255

Thomas Dreher, Council Member – Ward 6
Aurora City Hall
130 South Chillicothe Road
Aurora, Ohio 44202

City of Streetsboro

Glenn Broska, Mayor
9184 State Route 43
Streetsboro, OH 44241

Tim Claypoole, Council at Large, President
1530 Pike Parkway
Streetsboro, OH 44241

Regis Faivre, Council Member – Ward 3
1788 Walsh Drive
Streetsboro, OH 44241

John Ruediger, Council Member – Ward 2
1175 Tinkers Green Drive
Streetsboro, OH 44241

Summit County

Russ Pry, County Executive
Ohio Building, 8th Floor
175 S. Main St.
Akron, Ohio 44308-1314

Connie Krauss, Economic Development
Director
Ohio Building, 8th Floor
175 S. Main St.
Akron, Ohio 44308-1315

Jerry Feeman, Council Member President
175 South Main Street
Akron, Ohio 44308

Alan Brubaker, County Engineer
538 East South Street
Akron, Ohio 44311

Nick Kostandaras, Council Member, Vice
President – District 1
175 South Main Street
Akron, Ohio 44308

City of Twinsburg

Katherine Procop, Mayor
10075 Ravenna Road
Twinsburg, Ohio 44087

Larry Finch, Director of Planning and
Community Development
10075 Ravenna Road
Twinsburg, Ohio 44087

Ted Yates, Council Member, Ward 3
10075 Ravenna Road
Twinsburg, Ohio 44087

Gary Sorace, Council President
10075 Ravenna Road
Twinsburg, Ohio 44087

Sam Scaffide, Council Member – Ward 1
10075 Ravenna Road
Twinsburg, Ohio 44087

Bob McDermott, Council Member – Ward 2
10075 Ravenna Road
Twinsburg, Ohio 44087

Seth Rodin, Council Member – Ward 5
10075 Ravenna Road
Twinsburg, Ohio 44087

Amy Mohr, City Engineer
10075 Ravenna Road
Twinsburg, Ohio 44087

Twinsburg Township

Jim Balogh, Trustee
1790 Enterprise Parkway
Twinsburg, OH 44087

Jamey DeFabio, Trustee
1790 Enterprise Parkway
Twinsburg, OH 44087

Tom Schmidt, Trustee
1790 Enterprise Parkway
Twinsburg, OH 44087

Tania L. Johnson, Fiscal Officer
1790 Enterprise Parkway
Twinsburg, OH 44087

City of Macedonia

Rita Darrow, Council Member
9699 Valley View Road
Macedonia, Ohio 44056

Donald Kuchta, Mayor
9691 Valley View Road
Macedonia, Ohio 44056

Brian Frantz, City Planner
4410 W. Streetsboro Road
Richfield, OH 44286

Kenneth Martin, Council Member
9691 Valley View Road
Macedonia, Ohio 44056

Dave Engle, Council Member
9691 Valley View Road
Macedonia, Ohio 44056

Nick Molnar, Council Member
9691 Valley View Road
Macedonia, Ohio 44056

Mike Miller, Council Member
9691 Valley View Road
Macedonia, Ohio 44056

Shane Barker, Council Member
9691 Valley View Road
Macedonia, Ohio 44056

Northfield Village

Jess Nehez, Mayor
10455 Northfield Road
Northfield, Ohio 44067

Beatrice Greenlee, President,
Council-at-Large
9116 McKinley Drive
Northfield, OH 44067

John Schlueter, Council Member, Ward C
223 Houghton Road
Northfield, OH 44067

Northfield Center Township

Sam Ciocco, Administrator
9546 Brandywine Road
Northfield Center, Ohio 44067

Rich Reville, Trustee
9546 Brandywine Road
Northfield Center, Ohio 44067

Paul Buescher, Trustee
9546 Brandywine Road
Northfield Center, Ohio 44067

Brent Sommer, Trustee
9546 Brandywine Road
Northfield Center, Ohio 44067

Andy LaGuardia, Fiscal Officer
9546 Brandywine Road
Northfield Center, Ohio 44067

Sagamore Hills Township

Paul Schweikert, Administrator
11551 Valley View Road
Sagamore Hills, Ohio 44067

Rose Mary Snell, Trustee
11551 Valley View Road
Sagamore Hills, Ohio 44067

John Zaccardelli, Trustee
11551 Valley View Road
Sagamore Hills, Ohio 44067

Richard Barrett, Trustee
11551 Valley View Road
Sagamore Hills, Ohio 44067

Scott Gale, Fiscal Officer
11551 Valley View Road
Sagamore Hills, Ohio 44067

Trumbull County

Frank Fuda, Co. Commissioner-Chair
Trumbull County Administration Building
160 High Street NW, 5th Floor
Warren, Ohio 44481

Dan Polivka, County Commissioner
Trumbull County Administration Building
160 High Street NW, 5th Floor
Warren, Ohio 44481

Randy L. Smith, County Engineer
650 North River Road N.W.
Warren, Ohio 44483-2255

Lewis Kostoff, Planning Commission
Chairman
347 North Park Avenue
Warren, OH 44481

Paul Heltzel, County Commissioner
Trumbull County Administration Building
160 High Street NW, 5th Floor
Warren, Ohio 44483

Newton Township

Peter Augusta, Township Trustee-Chair
4410 Newton Falls Bailey Road
Newton Falls, Ohio 44444

Greg Dubos, Township Trustee
4410 Newton Falls Bailey Road
Newton Falls, Ohio 44444

Robert Page, Township Trustee
4410 Newton Falls Bailey Road
Newton Falls, Ohio 44444

Susan Montgomery, Fiscal Officer
4410 Newton Falls Bailey Road
Newton Falls, Ohio 44444

Lordstown Village

Arno Hill, Mayor
1455 Salt Springs Road
Lordstown, Ohio 44481

Dave Harrison, Administrator - Planning
1455 Salt Springs Road
Lordstown, Ohio 44481

Michael Sullivan, Council President
1455 Salt Springs Road
Lordstown, Ohio 44481

Stanley Zoldan, Council Member
1455 Salt Springs Road
Lordstown, Ohio 44481

John Mansell, Council Member
1455 Salt Springs Road
Lordstown, Ohio 44481

John McCarthy, Council Member
1455 Salt Springs Road
Lordstown, Ohio 44481

Ronald Radtka, Council Member
1455 Salt Springs Road
Lordstown, Ohio 44481

Don Reider, Council Member
1455 Salt Springs Road
Lordstown, Ohio 44481

National/County Parks

Cleveland MetroParks
Attn: Dan T. Moore, President
3841 Washington Park Boulevard
Newburgh Heights, OH

Summit County MetroParks
Attn: Roland H. Bauer, Chair
975 Treaty Line Road.
Akron, OH 44313

Mill Creek MetroParks
Attn: Dr. Robert J. Durick, President
P.O. Box 596
Canfield, OH 44406

Trumbull County MetroParks
Attn: Mike Wilson, Chair
347 North Park Avenue
Warren, OH 44481

Portage Park District
Attn: Allan Orashan, Director
705 Oakwood Street
Ravenna, OH 44266

Cuyahoga Valley National Park
Management Division
Attn: Lisa Petit, PhD – Chief, Resource
15610 Vaughn Road
Brecksville, Ohio 44141

Exhibit 6



Newspaper Advertisement

Notice of Public Information Meeting for Proposed Major Utility Facility

American Transmission Systems, Incorporated (ATSI), and Trans-Allegheny Interstate Line Company (TrAILCo), subsidiaries of FirstEnergy Corp. (FirstEnergy) that own portions of the company's transmission lines, will hold public information meetings to discuss the proposed Bruce Mansfield-Glenwillow 345 kV Electric Transmission Line and new Glenwillow Substation projects. The purpose of the meetings is to explain the Ohio portion of the proposed projects and to seek input from the community. The meetings will be held on Monday, June 18, 2012 from 6:00 p.m. to 8:00 p.m. in the East Palestine Elementary School, located at 360 West Grant St., East Palestine, Ohio; Tuesday, June 19, 2012 from 6:00 p.m. to 8:00 p.m. in the Mahoning County Career and Technical Center, located at 7300 North Palmyra Rd., Canfield, Ohio; Wednesday, June 20, 2012 from 6:00 p.m. to 8:00 p.m. in the Maplewood Career Center, located at 7075 State Route 88, Ravenna, Ohio; and Thursday, June 21, 2012 from 6:00 p.m. to 8:00 p.m. in the Nordon High School cafeteria, located at 8006 S. Bedford Rd., Macedonia, Ohio.

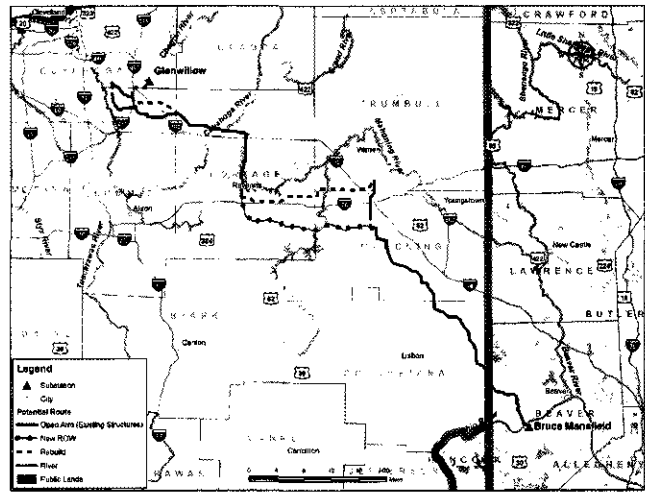
The proposed projects are needed to reinforce the transmission system to address potential transmission reliability issues as generation plants are retired in the region. PJM, the regional transmission organization that coordinates the movement of electricity in this region, has identified the need for these projects to ensure continued system reliability. PJM and FirstEnergy have projected it will be a challenge to meet mandated reliability requirements in 2015 without these planned system enhancements. The new equipment will help prevent the overloading of critical transmission facilities that are necessary to serve customers and maintain acceptable voltages in the region.

The proposed project will consist of a new 345 kV transmission line and a new transmission substation. The transmission line will be approximately 110 miles in length depending upon the route chosen and connect the existing Bruce Mansfield Substation, located along Shippingport Rd. in Shippingport, Pennsylvania, to a new transmission substation, named Glenwillow Substation, proposed to be located in or near Glenwillow, Ohio. The company has carefully studied the general project area to identify potentially sensitive areas and land uses, and has evaluated multiple routes for the transmission line in an effort to identify the most appropriate route. It is anticipated much of the line will be proposed to be installed on existing transmission structure "open arms" that were constructed originally with the expectation that an additional circuit would someday be needed. As a result, a second circuit can be installed without adding more structures or increasing the width of the right-of-way. The company anticipates that it will propose the open arm segments as part of both the Preferred and Alternate routes for the project and will only propose separate Preferred and Alternate routes where new transmission line structures are proposed to be installed. As shown on the map, open arm segments that the company may use include approximately 40 miles between the Bruce Mansfield Substation and Ellsworth Township, Mahoning County; approximately 10 miles between Ellsworth and Lordstown Township, Trumbull County; approximately 20 miles between Rootstown Township and Aurora Township, Portage

County; and at least 10 miles in the Twinsburg and Macedonia areas in Summit County.

The other segments of the proposed line are anticipated to be a combination of new construction and rebuilding existing lines to make them capable of accommodating an additional line. The final design depends on the route that is ultimately selected. In areas where structures can be rebuilt, little if any new right of way is expected to be needed. In both new and rebuilt areas, the steel poles supporting the wires are expected to be approximately 130-175 feet tall.

The proposed Glenwillow Substation will connect to the new Bruce Mansfield-Glenwillow 345 kV line as well as with two existing 345 kV lines that pass close to the proposed substation site. Potential suitable sites for the substation are located in close proximity to these existing transmission lines as shown on the map included with this notice.



The Ohio portion of the transmission project falls under the jurisdiction of the Ohio Power Siting Board ("OPSB"). Before construction can begin on the transmission line or substation, the company must file two applications with the OPSB, one for the transmission line and one for the substation. The OPSB must issue a Certificate of Environmental Compatibility and Public Need for both the line and the substation. The application for the line will likely identify a preferred route and an alternate route in areas where the open arm will not be used. The application for the Glenwillow Substation will identify a preferred and alternate site. It is expected that the company plans to make the necessary submittals to the OPSB for the project later this year. If all approvals are granted, construction on the project will begin in 2013.

Public comments from the meetings will be considered as part of the company's process of further evaluating the proposed line routes and substation sites. If you cannot attend the meetings but wish to comment on the projects, please leave a message for the project team at 1-800-589-2837, or send your written comments or questions to FirstEnergy Service Company, Attention Bruce Mansfield-Glenwillow Transmission Line Project Team, A-GO-3, 76 South Main Street, Akron, Ohio, 44308.

Information Presented at Public Open House Meetings

Ensuring Service Reliability for FirstEnergy Customers

*Proposed Transmission Line from Beaver County, Pennsylvania,
to Glenwillow, Ohio*

Energizing the Future

FirstEnergy's "Energizing the Future" initiative involves installing transmission projects within FirstEnergy's footprint that PJM has determined are needed to ensure system reliability as power plants in the region are retired.

PJM Interconnection (PJM) is the regional transmission organization that coordinates the movement of electricity and oversees reliability in all or part of 13 states and the District of Columbia. PJM has identified numerous transmission projects that are needed throughout the region to ensure system reliability as power plants in the region are retired. The power plant retirements include nine FirstEnergy plants that are being retired in the region due to the high cost of complying with the U.S. EPA Mercury and Air Toxics Standards (MATS) and other environmental rules.

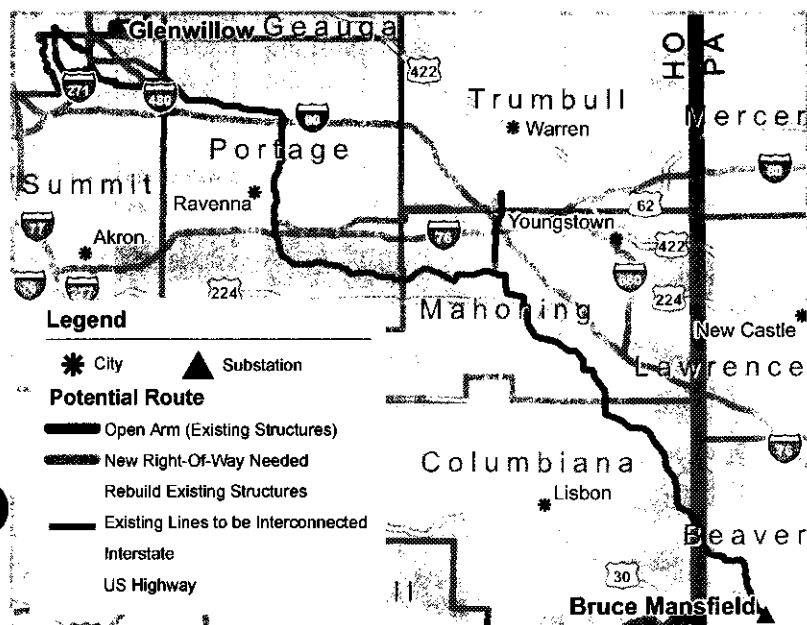
While the bulk of FirstEnergy's projects are needed to ensure system reliability as power plants are retired in northern Ohio, transmission projects will also be completed in Pennsylvania, West Virginia, New Jersey and Maryland as part of FirstEnergy's ongoing commitment to enhance its transmission system reliability. The company estimates spending between \$700 million - \$900 million over the next five years on these projects.

FirstEnergy's projects are both small and large. The small projects include adding transformers and other facilities in existing substations and replacing conductors on existing transmission lines. The larger projects involve three main types of transmission reinforcement: building new 138 and 345 kilovolt (kV) transmission lines; constructing new substations; and converting some of FirstEnergy's retired generating units to synchronous condensers to provide voltage support in the northern Ohio region.

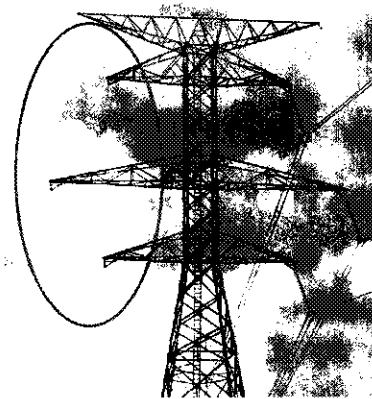
Proposed Transmission Line from Beaver County, Pennsylvania, to Glenwillow, Ohio

One of the FirstEnergy projects involves building a new 345 kV transmission line that will run more than 100 miles from the company's Bruce Mansfield Plant in Beaver County, Pa. to a new substation that will be built in the Cleveland suburb of Glenwillow.

Continued on back



*Depending on
the final route,
up to 70 percent
of the project
will involve
adding a line to
the "open-arm"
position on exist-
ing structures
to minimize
impact.*



FirstEnergy

Transmission: More than 100 miles of single circuit 345kV transmission line is planned for the project. If approved, the line will run from the Bruce Mansfield Plant in Beaver County, Pa. to the new Glenwillow Substation in Cuyahoga County, Ohio. The preliminary estimate for this part of the project is \$184 million.

Wherever practical, the new lines will be installed on current transmission structures or other existing rights-of-way in parts of the following Ohio counties: Cuyahoga, Summit, Portage, Mahoning, Columbiana, Trumbull; and Beaver County in Pennsylvania.

Depending on the final route, early studies indicate that up to 70 percent of the project and almost all of the Pennsylvania portion of the project will involve adding a line to the "open-arm" position on existing structures to minimize impact.

Substation: The new Glenwillow Substation will connect the new line with two existing transmission lines serving the region. Various sites are being evaluated. The goal is to locate the new Glenwillow Substation as close as possible to the existing lines. The preliminary cost estimate for this part of the project is \$37 million.

Public Involvement and the Process: Any transmission project encompasses a multi-step process that includes significant public input.

■ **Evaluation:** FirstEnergy's siting consultant began route studies for the line in January 2012. Various potential routes are being further studied to minimize the impact to the environment and property owners.

■ **Informational Meetings:** Potential routes will be discussed at informational meetings held in the areas that may be affected by the project. Members of the public and local officials will be invited to provide input for consideration. These comments will be used to help determine the proposed routes that are ultimately developed. These meetings are planned for June 2012.

■ **Application:** As part of the siting process in Ohio, "preferred" and "alternate" routes for the line and site for the substation are identified. FirstEnergy will then file a formal application for the project with the Ohio Power Siting Board, which will hold public hearings as part of its review process. In Pennsylvania, as the line is likely to be installed almost entirely on open-arm positions, the line can be proposed using a Letter of Notification to the Pennsylvania Public Utility Commission. Each filing is expected to occur in August 2012. A final decision for each filing is anticipated within one year after being submitted.

■ **Easement/Property Acquisition:** Early study results indicate there is a large potential to utilize existing rights-of-way for much of the project, greatly reducing the amount of new rights-of-way needed. Acquiring any transmission rights-of-way will occur after the application is filed. However, construction will not begin until necessary approvals are received. The construction of the transmission line and substation project will be simultaneous in order to meet PJM's June 2015 in-service date.

For more information about FirstEnergy's investment in reliability, visit www.firstenergycorp.com/transmission.

PRELIMINARY PROJECT TIMELINE

January to August	Route Study
May/June 2012	Proposed Routes Developed
June 2012	Public Informational Meetings – Input Considered
August 2012	Application filed with Ohio Power Siting Board and Pennsylvania Public Utility Commission; Public Comment Period
To be determined by OPSB	Public Hearings
Mid-2013	Permits Received/Construction Begins
June 1, 2015	PJM Requested In-Service Date

FirstEnergy.

GLENWILLOW-BRUCE MANSFIELD TRANSMISSION LINE PROJECT

RIGHTS-OF-WAY/EASEMENT INFORMATION

The Glenwillow-Bruce Mansfield Transmission Project involves building a new 345 kilovolt transmission line from the company's Bruce Mansfield Substation at the Bruce Mansfield Plant in Shippingport, Pa., to a new substation that will be built in the Cleveland suburb of Glenwillow. This project differs from many other transmission line construction projects because up to 70 percent of the project involves adding a new line on the "open arm" of an existing transmission structure. Depending on the route selected, existing rights-of-way also could be utilized to complete the portion of the project that involves new construction. Or, new rights-of-way will need to be obtained.

Procedure

In Ohio, an electric utility is required to obtain regulatory approval prior to beginning construction of a transmission substation or transmission line project. The Ohio Power Siting Board (OPSB) has been given the authority by the Ohio legislature to grant these approvals. For significant projects, the utility typically submits an application to the OPSB and proposes a preferred and an alternative route or location for the proposed project. In the application, the utility explains the need for the facility, and presents data to establish that the proposed facility represents the minimum adverse impact.

The OPSB evaluates the data in the application, collects and evaluates additional data and ultimately determines if a project should or should not be constructed. The OPSB provides approval of transmission projects in the form of a Certificate of Environmental Compatibility and Public Need. The Certificate may impose restrictions or conditions on construction of the project and will establish whether the facility should be constructed at the proposed preferred or alternate location.

Utilities may negotiate or purchase property or right-of-way prior to the OPSB making a decision on a project. Although property rights in the possession of the utility are an important

factor, property rights alone do not dictate the location of a facility. Other factors, or a combination of factors, may be more important for a particular project and ultimately lead the utility to propose, or the OPSB to approve, other sites. Once certification for a project has been granted by the OPSB, FirstEnergy will begin to finalize any necessary negotiations with property owners of the substation site or along the approved route of the transmission line where new property rights are required. In the event that a utility is unable to negotiate for the necessary property rights, Section 4933.15 of the Ohio Revised Code includes provisions that allow a utility to appropriate the necessary land rights for a substation or transmission line.

Substation Property

FirstEnergy transmission substations are typically located on property parcels owned by FirstEnergy, its operating companies, or other subsidiaries. The substation property includes the fenced-area of the substation, access roads, adjacent transmission line routes and a buffer zone around the substation. The new Glenwillow Substation will be designed to connect the new line with existing 345 kilovolt transmission lines that run through Glenwillow. Currently, various sites in the Glenwillow area are being evaluated.

Transmission Line Right-of-Way

Typically, it is necessary to obtain specific land rights to construct, operate, and maintain a transmission line. This may be accomplished by purchasing land or obtaining an easement for the necessary right-of-way to construct, operate, and maintain the transmission line. An easement is an interest in real estate that entitles the holder of the easement to specific limited use of land owned by another.

Easements for transmission line rights-of-way typically permit the construction, maintenance and operation of a transmission line within a designated location for a specific width and length across each specific property, including the right to trim, cut or clear vegetation in the

right-of-way or adjacent to the right-of-way. Where possible, it will align with transportation corridors and other existing facilities.

The easement will also provide for reasonable access to the electrical facilities located in the right-of-way for construction, operation, and maintenance purposes.

The easement further provides for the removal of trees within the right-of-way as well as the trimming and removal of priority trees, which are trees located outside of the right-of-way that may interfere with or potentially contact the electrical facilities. The property owner typically retains the right to use the land within the right-of-way for purposes that are compatible with the operation of the electrical facilities such as farming and gardening. Easements for transmission lines typically do not allow buildings or obstructions to be constructed in the right-of-way in order to preserve adequate electrical clearances to the facilities.

Right-of-Way Management

The vegetation within the right-of-way (easement) will be managed to avoid interference with operation of the transmission line. Where agricultural crops or other compatible uses are present in the right-of-way, specific vegetation management is typically not required.

Property Ownership

When an easement is granted, the property owner retains property ownership in the area covered by the easement. The easement will allow the property owner to utilize the right-of-way portion of their property to the extent it does not interfere with maintenance and operation of the transmission line.

Easement Acquisition

Once the route has been determined, FirstEnergy's representatives will typically contact property owners to discuss details of the transmission line, address concerns and negotiate terms for the rights to be obtained in the right-of-way easement. If the engineering and survey

work is completed, the easement documents will be prepared and presented to the property owner along with an offer of compensation for the property rights. An alternative approach is to negotiate an option agreement that allows the right-of-way to be purchased at a later date. A partial payment is typically made for option agreements. The option agreement defines the route, final compensation, and other details necessary for the right-of-way easement. Option agreements for transmission line rights-of-way are typically exercised after an OPSB Certificate is issued, engineering and surveying work is completed, and the easement documents have been prepared.

The final compensation paid for easements is based on the fair market value of the rights to be acquired. The easement may provide compensation to property owners for damages to crops and/or property during construction, operation, and maintenance of the transmission line.

For More Information

Please call FirstEnergy's Transmission Project Information Line at 1-800-589-2837.

Transmission Project Siting Process – Ohio

- In Ohio, the Ohio Power Siting Board (OPSB), an adjunct to the Public Utilities Commission of Ohio, is responsible for approving the location of major utility facilities. For the Glenwillow-Bruce Mansfield Transmission Project, FirstEnergy must obtain OPSB approval to build both the transmission line and substation.
- The Louis Berger Group, Inc., an engineering and environmental consultant, was retained to assist FirstEnergy with the route selection study for this project.
 - The final result of the study is the identification of preferred and alternate routes for the transmission line and substation that would be submitted to the OPSB for review.
 - The methodology utilized in the route selection study is similar to previous FirstEnergy transmission line projects proposed and approved by the OPSB.
- The process is designed to identify suitable routes that minimize the overall effects on property owners, the environment, and sensitive land uses to the greatest extent practical while maintaining economic and technical feasibility.
- As part of the OPSB process, public information meetings and hearings are required to gain input from residents in the communities potentially impacted by the project.
 - Public information meetings have been scheduled in the following locations to provide an overview of the project:
 - Industry, Pa. – June 18, 2012
 - East Palestine – June 18, 2012
 - Canfield – June 19, 2012
 - Ravenna – June 20, 2012
 - Macedonia – June 21, 2012
 - Public comments from these meetings will be considered as part of FirstEnergy's process of further evaluating the routes.
 - Local, state and federal officials, along with potentially affected commercial and industrial customers, also have been briefed about the project and why it is needed.
- FirstEnergy plans to complete the evaluation process, identify the proposed preferred and alternate sites for the substation and transmission line, and submit the application for the project to the OPSB by the end of August 2012.

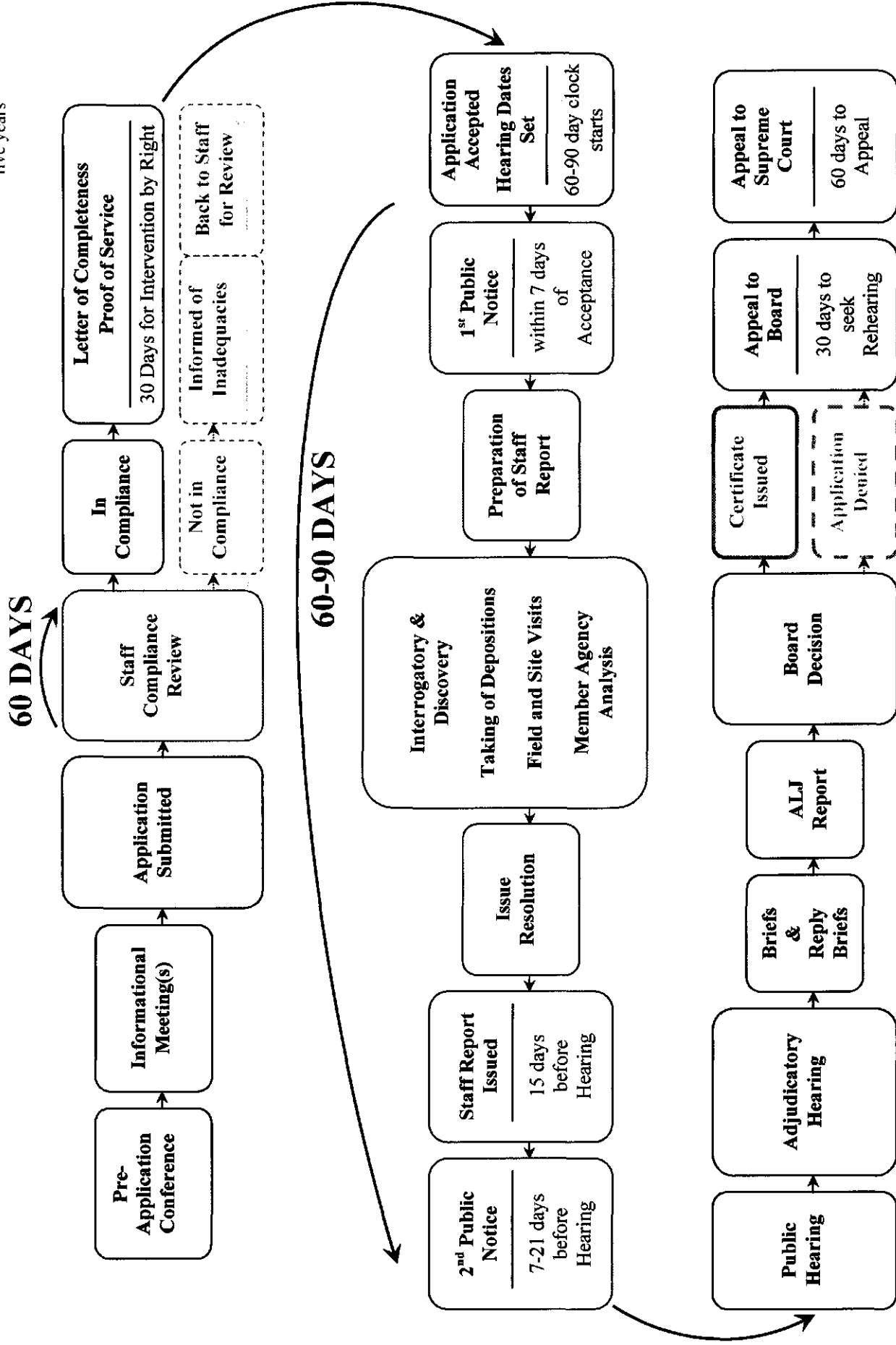
- Once FirstEnergy initially submits the application, the OPSB then has 60 days to determine if the application satisfies all of the regulatory requirements for going forward with the regulatory process. If it does, FirstEnergy will file a “certified” application with the OPSB for the project. Copies of the certified application will be provided to local officials and placed in local libraries for residents to review.
- The OPSB staff then will review the application and issue a preliminary staff report. OPSB regulations allocate 75 days for this process, although the process can take longer.
- The subsequent steps are to convene formal public and adjudicatory hearings. These hearings will be noticed in advance in local newspapers. The public hearing, typically held locally, will provide all interested parties the opportunity to speak on the record regarding the project. The adjudicatory hearing, held before an administrative law judge, provides an opportunity for parties to call and examine witnesses and is typically held at OPSB’s offices in Columbus Ohio.
- The final step of the siting process is when the OPSB makes its official decision as to whether the project should go forward and, if so, the location for the project.
 - FirstEnergy anticipates this decision to be announced in mid 2013.
- If the OPSB approves the project, FirstEnergy anticipates the project to be in-service by June 1, 2015.
- The OPSB has assigned two case numbers for this project:
 - Glenwillow – Bruce Mansfield Transmission Line – 12-1726-EL-BTX
 - Glenwillow Substation – 12-1727-EL-BSB
- Written correspondence to the OPSB should include the Case Number and can be sent to the OPSB at :

The Ohio Power Siting Board
180 East Broad Street
Columbus, Ohio 43215

- The OPSB’s website address is: www.opsb.ohio.gov
- A detailed Ohio Power Board Process Flow Chart is available at:
<http://www.puco.ohio.gov/emplibrary/files/media/OPSB/flowchart.pdf>

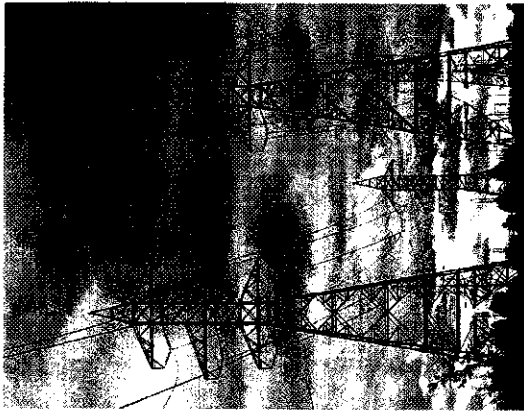
OHIO POWER Siting STATUTE PROCESS FLOWCHART*

* This is a **Working DRAFT** which may be subject to administrative review every five years



BOARD MONITORS CONSTRUCTION AND FIRST TWO YEARS OF OPERATION OF FACILITY

Conditions of Certificate Apply for Life of Facility



What Are Electric And Magnetic Fields?

Electric and magnetic fields are invisible lines of force that surround anything that generates (batteries, generators), transmits (power lines, wiring), or uses electricity (appliances). Electric fields are the result of voltage, which pushes electrons through a wire. Magnetic fields are produced by the flow of current through wires and electrical devices. Together, these fields from electric power sources are commonly referred to as **EMF**.

The highest levels of electric and magnetic fields, or EMF, can be measured directly near the source, and levels decrease rapidly with distance. Since electric fields are easily blocked or weakened by walls or other objects, more research has been conducted on magnetic fields.

represents a real relationship between the exposure and the disease. Experimental studies of animals and isolated cells and tissues are less likely to be inconsistent because these studies have greater control over exposures and potential confounding factors. For these reasons, it is important to consider the entire body of research, rather than focusing on the results of a single epidemiology study.

Why Has Research Continued?

As time goes on, researchers develop better ways to conduct studies and think of new questions to ask. They continue to conduct studies to be sure that these new methods and additional questions produce consistent results. For example, research continues to understand what factors might account for the statistical associations observed between childhood leukemia and magnetic fields in some studies.

What Do Scientific Health Agencies Recommend?

Since the research has not established that EMF is a cause of any long-term health effect, scientific health agencies have not recommended exposure limits at the field levels we encounter in our environment, nor have they recommended taking any official action. The WHO, for example, recommends that, if companies or individuals want to take precautionary measures regarding EMF, the measures should be low in cost and convenient to implement.

If you are looking for more information on this topic, please visit:

National Cancer Institute

<http://www.cancer.gov/cancertopics/factsheet/Risk/magnetic-fields>

World Health Organization

<http://www.who.int/peh/emf/en/>

Exponent®

Electric and Magnetic Fields and Your Health

Electric and magnetic fields are properties of the space that surrounds anything that generates, transmits or uses electricity.

Where Can EMF Be Found?

We use electricity to light our homes, cook our food, and power the many appliances we use for work and leisure. Since the use of electricity is so common, EMF can be found nearly everywhere.

In our homes, for example, magnetic fields are generated from appliances,¹ the wiring that powers those appliances,² the distribution lines that deliver electricity to the home,³ and any currents flowing on water pipes.⁴ Magnetic fields from nearby transmission lines⁵ also have the potential to contribute to the magnetic field inside a home. However, since magnetic fields decrease rapidly as you get farther away from the source of the field, the contribution of transmission lines to a home's magnetic field level may be less than from other closer sources.

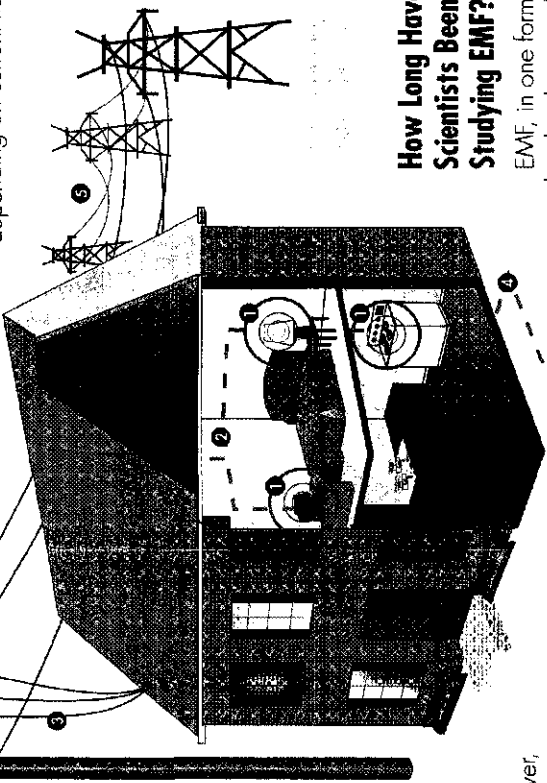
Equipment within substations also produces magnetic fields, but because of the way this equipment is configured, the fields drop off quickly with distance. For example, at the fence surrounding substations, the magnetic field from the substation equipment is typically within the range of levels found inside our homes. Thus, the dominant source of magnetic fields near substations is the power lines that serve that substation.

How Are Magnetic Fields Measured, And What Levels Are Typically Measured Inside Homes In The United States?

Magnetic fields are measured using a device called a gaussmeter and are reported in units called milligauss (mG).



Most homes in the United States have an average magnetic field level measured away from appliances of approximately 1 mG. Appliances tend to produce the highest readings of magnetic fields in homes, ranging from tens to hundreds of mG, depending on current flow.



How Long Have Scientists Been Studying EMF?

EMF, in one form or another, has been studied for centuries. Beginning in the 1970s, scientists began to question whether these fields have the potential to cause health effects, such as cancer. This hypothesis has been tested with hundreds of studies, including:

- epidemiology studies to understand whether people with diseases were exposed to higher EMF levels;
- animal studies to test if animals exposed to very high levels of EMF have higher rates of disease; and
- studies on cells and tissues to see if EMF causes biological changes that could lead to disease.

The method scientists use to evaluate this large body of research involves examining all studies (epidemiology, animal, and cellular), giving more weight to studies of higher quality. In evaluating this large body of research, scientists look for patterns in the research that suggest a causal relationship, such as a similar result across many studies, and provide conclusions based on this process.

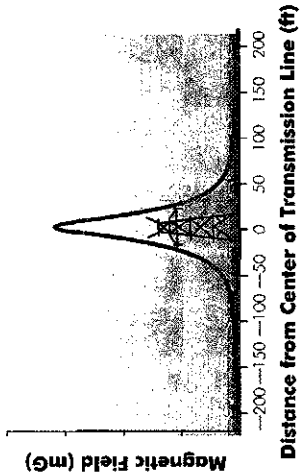
What Have Scientists Concluded?

Numerous scientific organizations have assembled groups of scientists with expertise in a variety of disciplines to review all of this research. These organizations include the International Agency for Research on Cancer (IARC), the National Commission of Nonionizing Radiation (ICNIRP), the National Institute of Environmental Health Sciences (NIEHS), the Health Protection Agency/National Radiological Protection Board (HPA/NRPB) of Great Britain, and the World Health Organization (WHO). Overall, the conclusions of these panels have been consistent:

- The research does not support the conclusion that magnetic fields cause any long-term, adverse health effects.
 - Some epidemiology studies have reported an association between high, average magnetic field levels and childhood leukemia. However, due to the limitations of these studies and the lack of evidence from laboratory studies, no agency has concluded that magnetic fields cause childhood leukemia.
 - The animal studies, overall, do not report an increase in cancer among animals exposed to high levels of magnetic fields after lifetime exposures.
 - The laboratory studies provide no explanation as to how magnetic fields could cause disease.
- These panels also concluded that, at very high field levels, EMF has the potential to cause nerve and muscle stimulation. However, the field levels found in our environment are far too low to cause these shock-like effects.

Why Do Scientific Studies Often Appear To Reach Different Conclusions On EMF Health Effects?

Epidemiology studies often report conflicting results because they are observational in nature, meaning they observe people in their ordinary environments without any control over their exposures. The results of epidemiology studies (reported as statistical associations) must be carefully evaluated to determine whether the association



Distance from Center of Transmission Line (ft)



Welcome and Sign-in

Welcome to FirstEnergy's Open House

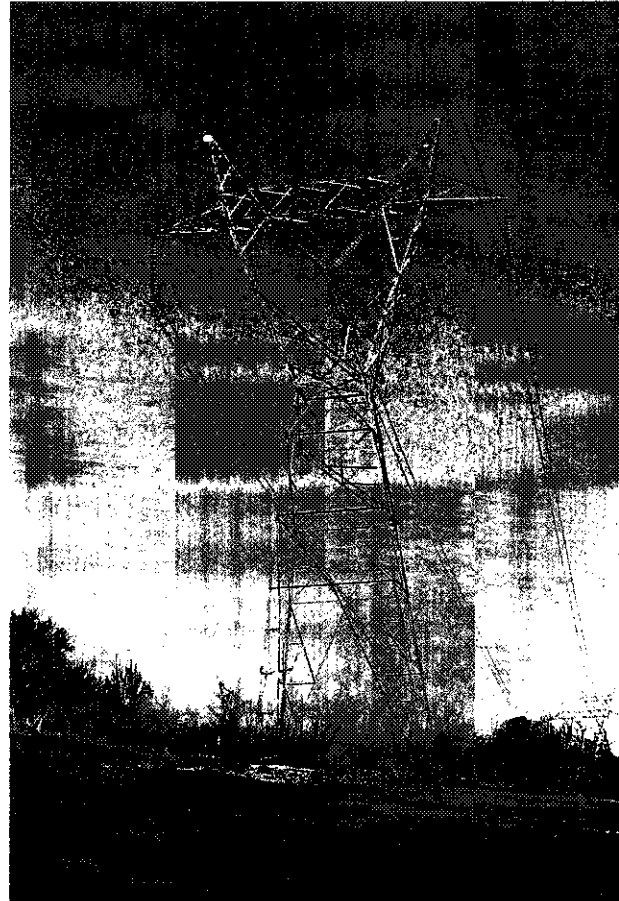
for the

**Bruce Mansfield – Glenwillow 345 kV
Transmission Line Project**

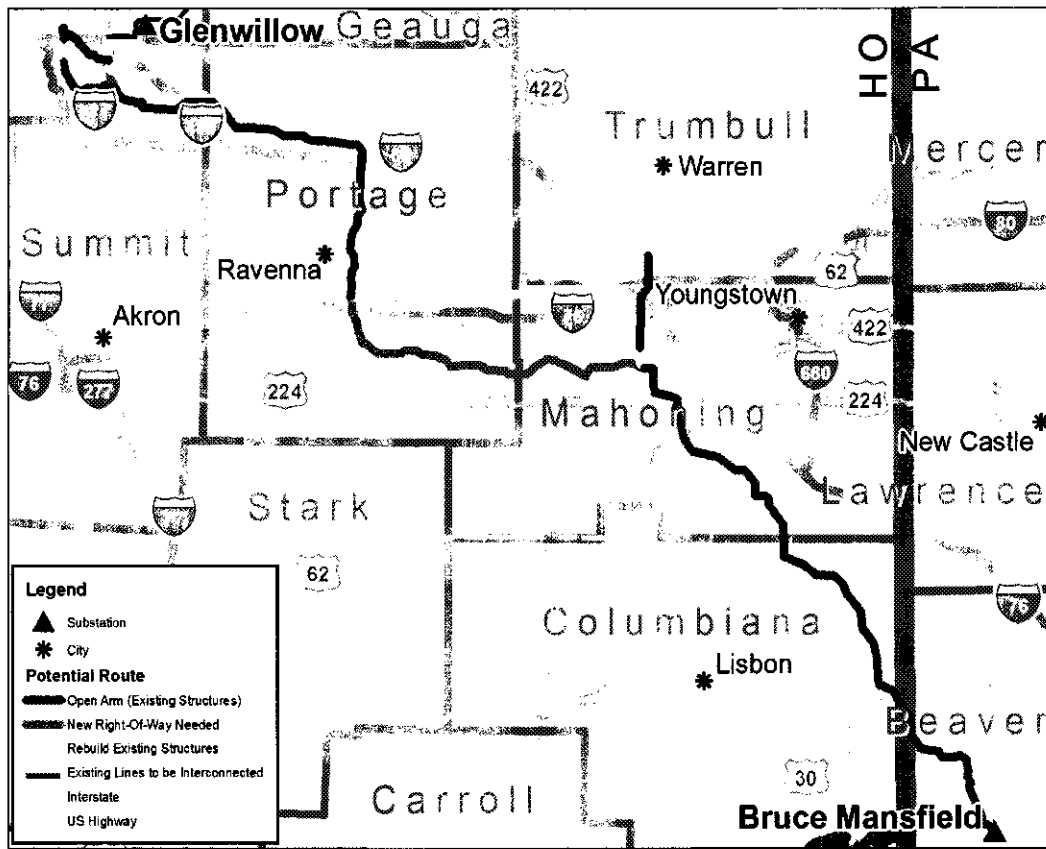
FirstEnergy[®]

Project Need

- PJM has identified numerous transmission projects that are needed throughout the region to ensure system reliability as power plants in the region are retired.
- The power plant retirements include nine FirstEnergy plants that are being retired in the region due to the high cost of complying with environmental rules, including the U.S. EPA Mercury and Air Toxics Standards (MATS).
- This project is part of FirstEnergy's "Energizing the Future" initiative to install new transmission line and associated electric substations needed within FirstEnergy's footprint.



Project Summary



FirstEnergy proposes to construct a new, single-circuit 345 kV transmission line and a new transmission substation (Glenwillow).

- The line will begin at the existing Bruce Mansfield Substation in Shippingport, PA, and end at the proposed Glenwillow Substation in Cuyahoga County, OH.
- The line will be approximately 110 miles long.
- The majority of the line will be placed on existing transmission structure “open arms” or will involve rebuilding existing structures.

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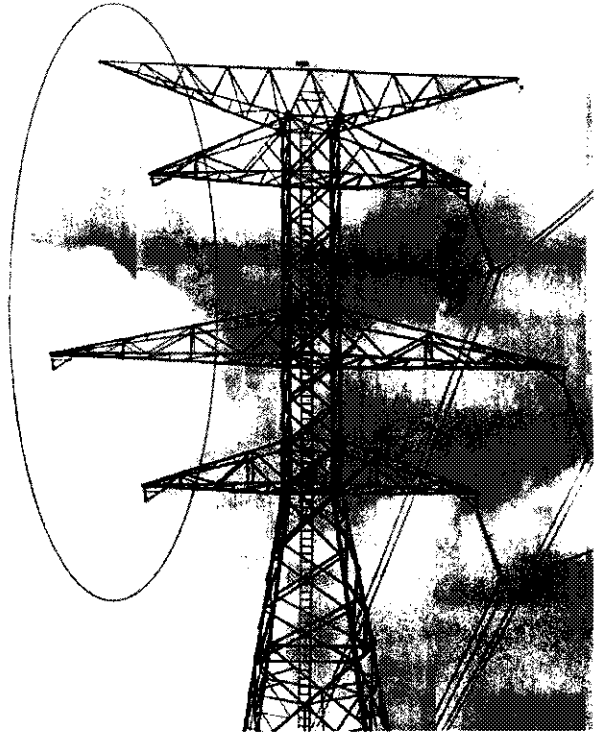
Route Selection

- FirstEnergy always considers the impact on people and the environment when planning new power lines and facilities.
- The entire project area is mapped to identify:
 - Developed/urban areas
 - Farmland and woodlands
 - Natural areas, including wetlands and streams, nature preserves, sensitive habitats, parks
 - Cultural resources, including historic buildings and archaeological sites
- The Team develops potential routes or “links” to minimize overall impacts on these resources
- The Team conducts field reviews of the potential routes to collect additional information.
- Alternative routes are identified for further analysis.
- A preferred route is selected following public and agency input.



Right-of-Way

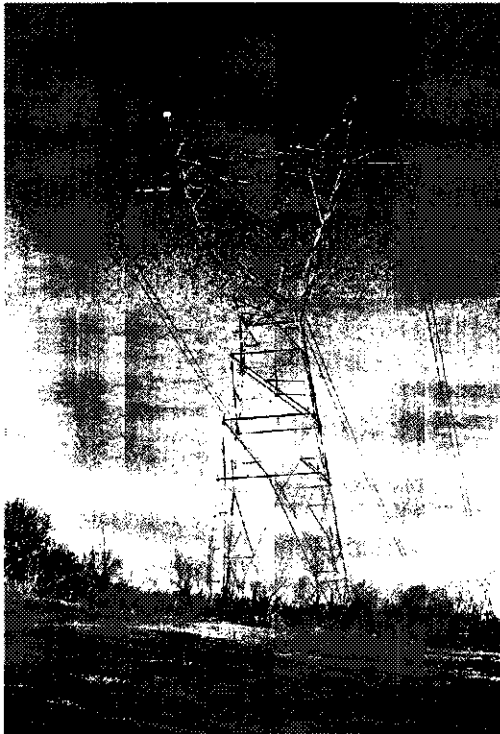
- The majority of the line will be placed on existing “open arms” or rebuilt in existing rights-of-way.
- If new or additional right-of-way is required, a real estate representative will contact the affected property owner.
- Right-of-way acquisition does NOT mean FE is planning to buy your property. The property owner maintains ownership of the easement area.
- Acquiring any needed transmission rights-of-way will occur after the state applications are filed.



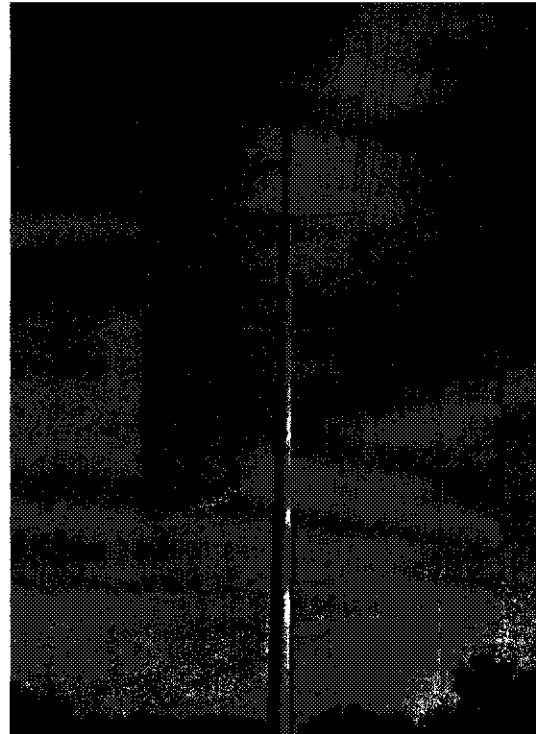
Depending on the final route, up to 70 percent of the project will involve adding a line to the “open-arm” position on existing structure to minimize impact.

Engineering & Construction

- On the open arm or rebuilt sections, a second circuit can be installed without adding more structures or increasing the width of the existing right-of-way.
- In areas that require rebuilding or new construction, transmission structures are expected to be steel poles.
- Existing steel lattice structures will be replaced with steel poles.
- The new Glenwillow Substation will connect the new line with two existing transmission lines serving the region.



Existing 345 kV Steel Lattice Structure



Typical 345 kV Steel Pole Structure

Engineering & Construction

- Construction in open arm or rebuild segments typically includes:
 - Minimal additional tree trimming/clearing to provide adequate safety clearance.
 - Staging of conductor pulling equipment necessary to install the second circuit.
 - Removal of existing structures (if rebuild) and installation of new transmission structures
- Construction of new segments typically includes:
 - Vegetation clearing
 - Access road construction
 - Equipment and transmission structure staging
 - Installation of new transmission structures
 - Conductor installation
- Substation construction typically includes:
 - Vegetation clearing
 - Grading
 - Equipment installation
 - Fencing
- Construction is expected to begin in mid-2013 and take approximately 2 years to meet PJM's required in-service date of June 2015.

Environmental

- ✱ FirstEnergy strives to minimize impacts to the environment, including:
 - Wetlands and streams
 - Threatened and endangered species
 - Sensitive habitats
 - Nature preserves and parks
 - Cultural resources.



- FirstEnergy consults with State, Federal and Local agencies throughout the planning and permitting process.
- FirstEnergy will comply with all applicable environmental regulations and obtain all required federal, state and local permits prior to construction.
- As specified in the environmental permits, construction best management practices will be employed during construction to minimize impacts to the environment.

FirstEnergy®

OPSB Process

- Before construction can begin on a new transmission line or substation, FirstEnergy must file for a Certificate of Environmental Compatibility and Public Need from the Ohio Power Siting Board (OPSB).
- Following public open house meetings, FirstEnergy will submit an application to the OPSB, identifying both a preferred and alternate route.
- Once the OPSB deems the application complete, a copy is sent to local public officials, legal notices are published in newspapers, and copies will be available for public review.
- The OPSB evaluates the application and prepares a staff report that will include the Board's findings and recommendations.
- Public hearings are held to allow citizens, interest groups, and governmental entities to participate in the approval process.
- Following the hearings, the Board determines whether or not to approve the proposed project.

How to Stay Informed

- FirstEnergy considers many factors when identifying potential routes and substation locations. Public input is one of those factors.
- You can provide input in several ways:
 - Speak with a FirstEnergy representative here tonight
 - Complete a comment card
 - Call FirstEnergy at (800) 589-2837 or email: transmissionprojects@firstenergycorp.com anytime during the siting process.
- You can stay informed throughout the process via the project website:

https://www.firstenergycorp.com/about/transmission_projects.html

Proposed Glenwillow Substation

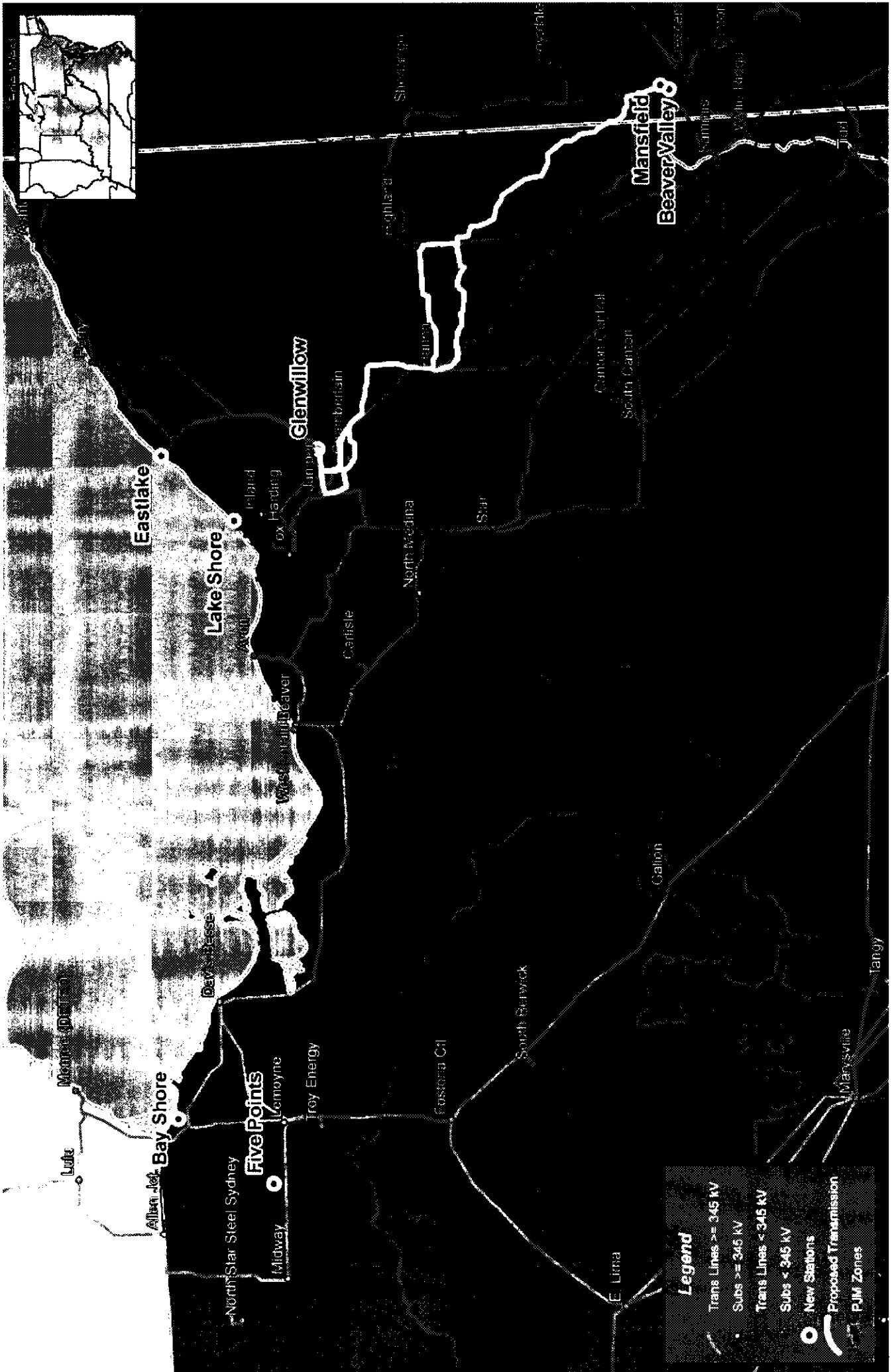


Figure 1. Artist's rendering of typical 345 kV substation

Proposed Glenwillow Substation



Figure 2. Artist's rendering of typical 345 kV substation with tree screening





OPEN HOUSE SIGN IN SHEET

Meeting Location:

[illegible]



Today's Date: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email _____

Comments: _____

Name of FirstEnergy Representative Taking Inquiry (if applicable) _____



Today's Date: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email _____

Comments: _____

Name of FirstEnergy Representative Taking Inquiry (if applicable) _____

Exhibit 7

EXHIBIT 7 – Agricultural District Land Crossed by the Route

Table 7-1. Columbiana County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
65-00426.000	2904 Bull Creek Rd N Waterford, OH 44445	29.32	2
65-00280.001	4086 Padgett Rd East Palestine, OH 44413	27.53	2
65-01082.000	49404 McClure Rd East Palestine, OH 44413	48.75	2
65-01084.000	5800 Bye Rd East Palestine, OH 44413	22.72	2
65-00039.000	6123 Bye Rd East Palestine, OH 44413	39.23	2
65-00196.000	5990 Bye Rd East Palestine, OH 44413	55.23	2
67-00390.000	5800 Bye Rd East Palestine, OH 44413	15.36	2
45-00483.000	Sr 170 Rogers, OH 44455	49.14	2
46-00007.000	7700 Bye Rd #1 East Palestine, OH 44413	52.57	2
17-00122.000	1257 SR 7 Columbiana, OH 44408	41.86	2

Table 7-2. Trumbull County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
51-611100	3523 S Canal St Newton Falls, OH 44444	97.3	5
51-610850	3856 Hallock Sook Rd Newton Falls, OH 44444	24.2	5
51-900511	4014 Hallock Young Rd Newton Falls, OH 44444	63.12	5
51-353750	4014 Hallock Young Rd Newton Falls, OH 44444	142.3	5
45-025651	728 St Rt 534 Nw Newton Falls, OH 44444	60.54	5
45-025650	728 St Rt 534 Newton Falls, OH 44444	45.35	5

Table 7-2. Trumbull County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
45-011801	3653 Ellsworth Bailey Rd Warren, OH 44481	72.51	5
51-029400	3877 Hallock Sook Rd Newton Falls, OH 44444	37.81	5
51-901033	17469 Pritchard Ohltown Newton Falls, OH 44444	53.24	5
52-002005	4110 Pritchard Ohltown Rd Newton Falls, OH 44444	89.09	5
51-566801	3856 Hallock Sook Rd Newton Falls, OH 44444	56.08	5
52-005622	3711 West River Rd Newton Falls, OH 44444	72.8	5
45-022341	7723 Highland Ave Warren, OH 44481	51.08	5

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
05-080-0-004.00-0	Elton Rd North Lima, OH 44453	10.75	2
05-089-0-008.00-0	13505 South Ave Ext North Lima, OH 44453	89.03	2
05-090-0-002.00-0	13172 South Ave Ext North Lima, OH 44453	87.53	2
05-091-0-002.00-0	Blosser Rd North Lima, OH 44452	61.61	2
05-092-0-001.00-0	Blosser Rd North Lima, OH 44453	29.38	2
05-113-0-001.00-0	12425 New Buffalo Rd North Lima, OH 44453	73.16	2
05-129-0-001.00-0	New Buffalo Rd North Lima, OH 44453	65.81	2
05-129-0-020.00-0	South Range Rd North Lima, OH 44453	48.32	2
05-145-0-001.00-0	Middletown Rd Columbiana, OH 44408	39.84	2
05-145-0-002.00-0	3333 Middletown Rd Columbiana, OH 44408	18.57	2

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
05-146-0-001.00-0	3003 Middletown Rd Columbiana, OH 44408	40.37	2
05-169-0-001.00-0	10825 Detwiler Rd Canfield, OH 44406	64.3	2
05-178-0-001.00-0	10246 Detwiler Rd Canfield, OH 44406	72.32	2
05-179-0-004.00-0	Detwiler Rd Canfield, OH 44406	96.52	2
05-179-0-006.00-0	Middletown Rd Canfield, OH 44406	24.23	2
05-207-0-001.00-0	Calla Rd Canfield, OH 44406	58.43	2
05-207-0-003.00-0	Calla Rd Canfield, OH 44406	57.71	2
09-029-0-002.00-0	7393 Western Reserve Rd Canfield, OH 44406	78.83	2
09-029-0-002.01-0	7373 Western Reserve Rd Canfield, OH 44406	11.37	2
09-030-0-027.00-0	9547 Lisbon Rd Canfield, OH 44406	49.86	2
09-051-0-001.00-0	6876 Calla Rd Canfield, OH 44406	79.59	2
09-051-0-011.00-0	Calla Rd Canfield, OH 44406	28.65	2
09-051-0-030.00-0	Washingtonville Rd Canfield, OH 44406	20.33	2
09-052-0-024.01-0	6762 Calla Rd Canfield, OH 44406	85	2
09-054-0-004.00-0	Washingtonville Rd Canfield, OH 44406	18.59	2
09-054-0-005.00-0	Calla Rd Canfield, OH 44406	28.39	2
09-054-0-007.00-0	Calla Rd Canfield, OH 44406	42.52	2
09-054-0-009.00-0	9585 State Route 46 Canfield, OH 44406	231.83	2
09-055-0-001.00-0	Calla Rd Canfield, OH 44406	56.04	2

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
12-029-0-001.00-0	Western Reserve Rd Canfield, OH 44406	29.73	2
22-002-0-038.00-0	17447 Shilling Rd Berlin Center, OH 44401	29.8	6
22-002-0-061.00-0	17049 Shillings Rd Berlin Center, OH 44401	28.92	6
22-004-0-012.00-0	17171 Mock Rd Berlin Center, OH 44401	72	6
22-004-0-013.00-0	15340 Ellsworth Rd Berlin Center, OH 44401	41	6
22-004-0-014.00-0	15081 Ellsworth Rd Berlin Center, OH 44401	7.58	6
22-005-0-008.00-0	20 South Broad Street Canfield, OH 44406	45.82	6
22-005-0-010.00-0	PO Box 247 North Jackson, OH 44451	4.5	6
22-005-0-011.00-0	PO Box 247 North Jackson, OH 44451	18.95	6
22-005-0-013.00-0	PO Box 247 North Jackson, OH 44451	25	6
22-005-0-017.00-0	15081 Ellsworth Rd Berlin Center, OH 44401	38.20	6
22-006-0-005.03-0	15120 Akron Cnafield Rd Berlin Center, OH 44401	11.65	6
22-006-0-006.00-0	13772 Ellsworth Rd Berlin Center, OH 44401	16	6
22-006-0-007.00-0	12800 Leonard Parkway North Jackson, OH 44451	41.48	6
22-007-0-009.00-0	4770 Bedell Rd Berlin Center, OH 44401	54.78	6
22-007-0-010.00-0	15690 West Reserve Rd Berlin Center, OH 44401	44.31	6
22-007-0-012.00-0	15690 West Reserve Rd Berlin Center, OH 44401	5.71	6
22-007-0-012.01-0	15690 West Reserve Rd Berlin Center, OH 44401	30.7	6
22-008-0-001.13-0	7019 Sheldon Ave Youngstown, OH 44512	12.11	6

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
22-011-0-014.00-0	4688 Weaver Rd Berlin Center, OH 44401	8.78	6
22-011-0-018.00-0	2742 Brunswick Youngstown, OH 44511	43.83	6
22-012-0-003.00-0	13809 Ellsworth Rd Berlin Center, OH 44401	89.87	6
22-012-0-007.00-0	13672 Campass Pt Dr Strongsville, OH 44136	47.39	6
22-012-0-020.00-0	41 So Four Mile Run Rd Youngstown, OH 44515	64	6
23-010-0-014.00-0	4268 Gault Rd North Jackson, OH 44451	10	6
23-029-0-009.00-0	4268 Gault Rd North Jackson, OH 44451	10.07	3
23-029-0-010.00-0	4385 Gault Rd North Jackson, OH 44451	89.18	3
23-029-0-011.00-0	Gault Rd North Jackson, OH 44451	4.89	3
23-029-0-013.00-0	Gault Rd North Jackson, OH 44451	30.98	2
23-031-0-005.00-0	Gault Rd North Jackson, OH 44451	76.61	2
23-032-0-006.00-0	5921 Gault Rd North Jackson, OH 44451	19.38	2
24-010-0-001.00-0	41 S. Four Mile Run Rd Youngstown, OH 44515	95	6
24-011-0-001.00-0	8675 Spring Hill Trail Youngstown, OH 44514	94.63	6
24-011-0-036.00-0	11622 Palmyra Rd North Jackson, OH 44451	89	6
24-011-0-037.00-0	11621 Palmyra Rd North Jackson, OH 44451	5.17	6
24-011-0-054.00-0	11621 Palmyra Rd North Jackson, OH 44451	40.1	6
24-028-0-021.00-0	10940 Palmyra Rd North Jackson, OH 44451	77.9	6
24-028-0-027.00-0	11440 Palmyra Rd North Jackson, OH 44451	77.9	6

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
25-044-0-014.02-0	Akron Canfield Rd Canfield, OH 44406	21.9	2
26-010-0-001.03-0	Akron Canfield Rd Canfield, OH 44406	67.9	2
26-010-0-011.00-0	Akron Canfield Rd Canfield, OH 44406	25.8	2
26-010-0-013.00-0	Akron Canfield Rd Canfield, OH 44406	27.35	2
26-017-0-003.01-0	Akron Canfield Rd Canfield, OH 44406	46.72	2
26-017-0-004.01-0	Canfield Ellsworth Rd Canfield, OH 44406	75.45	2
26-020-0-009.00-0	Crory Rd Canfield, OH 44406	85.98	2
26-020-0-010.00-0	Crory Rd Canfield, OH 44406	29.57	2
26-023-0-018.00-0	Crory Rd Canfield, OH 44406	8.56	2
26-024-0-003.01-0	Youngstown Salem Rd Canfield, OH 44406	80.59	2
26-024-0-006.00-0	7576 Leffingwell Rd Canfield, OH 44406	210.94	2
26-027-0-011.01-0	Youngstown Salem Rd Canfield, OH 44406	85.39	2
43-052-0-007.00-0	14700 Sheeley Rd Columbiana, OH 44408	39.4	2
43-053-0-001.00-0	14670 Sheeley Rd Columbiana, OH 44408	49.06	2
43-054-0-001.00-0	899 Garfield Rd Columbiana, OH 44408	58.19	2
43-082-0-001.00-0	Garfield Rd Columbiana, OH 44408	13.84	2
43-082-0-006.00-0	14151 Eureka Rd Columbiana, OH 44408	69.93	2
50-023-0-007.00-0	Blott Rd North Jackson, OH 44451	39.53	3
50-024-0-007.00-0	Salem Warren Rd North Jackson, OH 44451	55.77	3

Table 7-3. Mahoning County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
50-024-0-010.00-0	Salem Warren Rd North Jackson, OH 44451	25.86	3
50-025-0-011.00-0	Salem Warren Rd North Jackson, OH 44451	25.85	3
50-025-0-015.00-0	Salem Warren Rd North Jackson, OH 44451	33.66	3
50-026-0-001.00-0	10347 Mahoning Ave North Jackson, OH 44451	23.07	3
50-032-0-016.00-0	10060 Gladstone Rd North Jackson, OH 44451	25.45	5
50-033-0-003.01-0	Gladstone Rd North Jackson, OH 44451	39.56	4
50-033-0-005.00-0	9771 Gladstone Rd North Jackson, OH 44451	30.61	4
50-034-0-004.00-0	Silica Rd North Jackson, OH 44451	9.5	4
50-034-0-037.00-0	10381 Silica Rd North Jackson, OH 44451	81.93	4
50-041-0-019.00-0	Blott Rd North Jackson, OH 44451	28.48	4
50-041-0-021.00-0	Salem Warren Rd North Jackson, OH 44451	0.87	4
50-041-0-022.00-0	Salem Warren Rd North Jackson, OH 44451	5.3	4
51-021-0-001.00-0	2150 Milton Newton Rd Newton Falls, OH 44444	94.33	5
51-022-0-002.00-0	Milton Newton Rd Newton Falls, OH 44444	38.44	5
51-022-0-003.00-0	Milton Newton Rd Newton Falls, OH 44444	26.25	5
51-026-0-001.00-0	Milton Newton Rd Newton Falls, OH 44444	48.65	5
51-059-0-006.00-0	16310 Ellsworth Rd Berlin Center, OH 44401	40	6

Table 7-4. Portage County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
08-066-00-00-001-000	2112 Mahoning Rd Deerfield, OH 4441	51.73	6
08-071-00-00-009-000	10135 Mottown Rd Deerfield, OH 4441	43.877	6
08-071-00-00-009-001	Mottown Rd Deerfield, OH 4441	35.623	6
08-080-00-00-019-000	2482 St Rt 225 Deerfield, OH 4441	87.561	6
08-088-00-00-008-000	9118 Yale Deerfield, OH 4441	49.732	6
11-171-00-00-001-000	7717 Yale Rd Deerfield, OH 4441	28.76	6
11-171-00-00-024-000	St Rt 14 Deerfield, OH 4441	27.609	6
11-183-00-00-001-000	2997 Porter Deerfield, OH 4441	25.711	6
11-183-00-00-001-000	2997 Porter Deerfield, OH 4441	25.711	6
11-253-00-00-010-000	7306 Hughes Rd Ravenna, OH 44266	167.96	5
11-271-00-00-001-000	Rock Spring Rd Ravenna, OH 44266	55.95	5
11-271-00-00-001-000	Rock Spring Rd Ravenna, OH 44266	0.60	5
11-303-00-00-001-003	4758 Industry Rd Ravenna, OH 44266	0.11	5
11-303-00-00-001-003	4758 Industry Rd Ravenna, OH 44266	4.99	5
11-307-00-00-006-000	I 76 Ravenna, OH 44266	77.31	5
11-308-00-00-001-002	4695 State Route 14 Ravenna, OH 44266	22.7	5
11-308-00-00-003-000	4889 State Route 14 Ravenna, OH 44266	191.72	5
11-454-00-00-002-000	3272 Industry Ravenna, OH 44266	13.826	6
11-454-00-00-003-000	Industry Ravenna, OH 44266	26.013	6
11-454-00-00-003-000	Industry Ravenna, OH 44266	26.013	6

Table 7-4. Portage County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
11-454-00-00-008-000	Industry Ravenna, OH 44266	47.07	6
26-314-00-00-002-000	4744 State Route 225 Diamond, OH 44412	54.61	5
26-312-00-00-004-000	St Rt 225 Deerfield, OH 44441	12.12	6
26-423-00-00-001-000	McClintocksburg Rd Newton Falls, OH 44444	33.79	5
26-423-00-00-004-000	4901 McClintocksburg Rd Newton Falls, OH 44444	23.85	5
26-423-00-00-004-000	4901 McClintocksburg Rd Newton Falls, OH 44444	1.98	5
26-423-00-00-004-000	4901 McClintocksburg Rd Newton Falls, OH 44444	23.85	5
26-432-00-00-004-001	4420 Alliance Rd Ravenna, OH 44266	19.29	5
26-432-00-00-005-000	John Thomas Rd Ravenna, OH 44266	0.72	5
26-432-00-00-005-000	John Thomas Rd Ravenna, OH 44266	31.69	5
29-110-00-00-016-000	7735 State Route 88 Ravenna, OH 44266	14.96	7
29-110-00-00-016-000	7735 State Route 88 Ravenna, OH 44266	0.73	7
29-110-00-00-022-000	7688 State Route 88 Ravenna, OH 44266	37.25	7
29-214-00-00-007-000	7052 Peck Rd Ravenna, OH 44266	100.33	7
29-215-00-00-004-000	5402 Beechwood Rd Ravenna, OH 44266	49.49	7
29-330-00-00-010-000	Peck Rd Ravenna, OH 44266	18.58	7
29-334-00-00-001-004	Hayes Rd Ravenna, OH 44266	7.76	5
32-002-00-00-020-000	3381 Inudstry Rd Ravenna, OH 44266	39.75	6
32-003-00-00-035-000	3700 Sanford Ravenna, OH 44266	22.02	6
32-004-00-00-004-000	5155 Tallmadge Ravenna, OH 44266	27.25	6

Table 7-4. Portage County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
32-005-00-00-012-000	5151 Camp Rd Ravenna, OH 44266	34.51	5
32-005-00-00-012-000	5151 Camp Rd Ravenna, OH 44266	34.614	6
32-009-00-00-032-004	Hatrick Ravenna, OH 44266	7.959	6
32-009-00-00-043-000	Hatrick Ravenna, OH 44266	3	6
33-002-00-00-014-000	State Route 88 Ravenna, OH 44266	96.87	7
33-004-00-00-004-001	Cooley Rd Ravenna, OH 44266	35.89	7
33-004-00-00-007-000	Cooley Rd Ravenna, OH 44266	45.7	7
33-006-00-00-007-000	5374 State Route 303 Ravenna, OH 44266	107.52	7
33-008-00-00-017-000	5324 Streeter Rd Mantua, OH 44255	94.21	7
33-028-00-00-004-000	4831 Streeter Rd Mantua, OH 44255	20.07	7
33-028-00-00-005-000	Streeter Rd Mantua, OH 44255	1.09	7
33-033-00-00-001-000	State Route 44 Mantua, OH 44255	32.62	7
33-071-00-00-005-000	3501 Frost Rd Mantua, OH 44255	2.45	7
33-071-00-00-005-000	3501 Frost Rd Mantua, OH 44255	111.16	7
33-110-00-00-004-000	2671 Frost Rd Mantua, OH 44255	88.28	7

Table 7-5. Summit County Agricultural District Program Land Parcels			
Parcel ID	Address	Parcel Size (acres)	Link Number(s)
6204469	4140 East Aurora Twinsburg, OH 44087	40.79	15



Exhibit 8



Agency Letters Submitted



THE Louis Berger Group, INC.

May 25, 2012

Dr. Mary Knapp
U.S. Fish and Wildlife Service
Ohio Ecological Services Office
4625 Morse Road, Suite 104
Columbus, OH 43230

Re: Bruce Mansfield-Glenwillow 345 kV Transmission Line Project
Request for Project Review

The Louis Berger Group, Inc. (LBG) has been contracted by FirstEnergy Service Company (FirstEnergy) to conduct a siting study for the proposed Bruce Mansfield-Glenwillow 345 kV Electric Transmission Line Project (the Project) in western Pennsylvania and northeast Ohio. The proposed project is needed to reinforce the transmission system to address transmission reliability issues as generation plants are retired in the region.

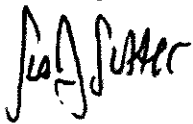
The proposed project will consist of a new 345 kV transmission line and a new transmission substation. The transmission line will be approximately 110 miles in length depending upon the route chosen and connect the existing Bruce Mansfield Substation, operated by FirstEnergy affiliates, located along Shippingport Rd. in Shippingport, Beaver County, Pennsylvania, to a new transmission substation, named Glenwillow Substation, proposed to be located on a site in Glenwillow, Cuyahoga County, Ohio. To this end, FirstEnergy and its consultants have identified several potential routes for further consideration. These potential routes are shown in the attached figure. FirstEnergy respectfully requests that your agency provide a preliminary review for any current federal listed threatened and endangered species and habitats that are known to occur, or that could potentially occur, in the vicinity of the potential routes being considered in the Ohio portion of the Project. Your input will be used to help FirstEnergy further evaluate the proposed routes in order to minimize potential impacts of the Project on the natural environment.

As shown on the attached map, the potential routes in Ohio are located in Columbiana, Mahoning, Trumbull, Portage, Summit, and Cuyahoga Counties and may traverse through Fairfield, Middleton, and Unity townships in Columbiana County; Beaver, Berlin, Canfield, Ellsworth, Green, Jackson, and Milton townships in Mahoning County; Newton Township and the Village of Lordstown in Trumbull County; Deerfield, Edinburg, Palmyra, Ravenna, Rootstown, and Shalersville townships, and the cities of Aurora and Streetsboro in Portage County; Twinsburg, Northfield Center, and Sagamore Hills townships in Summit County; and the villages of Glenwillow, Oakwood, and Walton Hills in Cuyahoga County. The potential routes are located on the following USGS quadrangle maps: Atwater, Aurora, Canfield, Columbiana, Deerfield, East Liverpool North, East Palestine, Elkton, Lake Milton, Mantua, Midland, Newton Falls, Northfield, Ravenna, Salem, Twinsburg, and Warren.

It is anticipated that much of the line will be installed on existing transmission structure "open arms" that were constructed originally with the expectation that an additional circuit would someday be needed. As a result, a second circuit can be installed without adding more structures or increasing the width of the existing, cleared right-of-way. The other segments of the proposed line are anticipated to be a combination of new construction and rebuilding existing lines to make them capable of accommodating an additional line. The attached map indicates the locations where open arms, rebuilt lines, or new right-of-way would be utilized. In areas where structures can be rebuilt, little if any new right-of-way is expected to be needed. New areas would require the acquisition and clearing of a new 150-foot-wide right-of-way. In both new and rebuilt areas, the transmission structures are expected to be steel poles approximately 130 to 175 feet tall. FirstEnergy intends to use existing access roads to the maximum extent practicable.

Please provide the requested information in writing and by email or fax at your earliest convenience to me at ssutter@louisberger.com or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you are able to provide the locations of any records you find during your review on a GIS shapefile for us, we would appreciate that as well. Note that a similar request has also been sent to the USFWS' Pennsylvania Field Office in State College for input on federal resources in the Pennsylvania portion of the Project. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

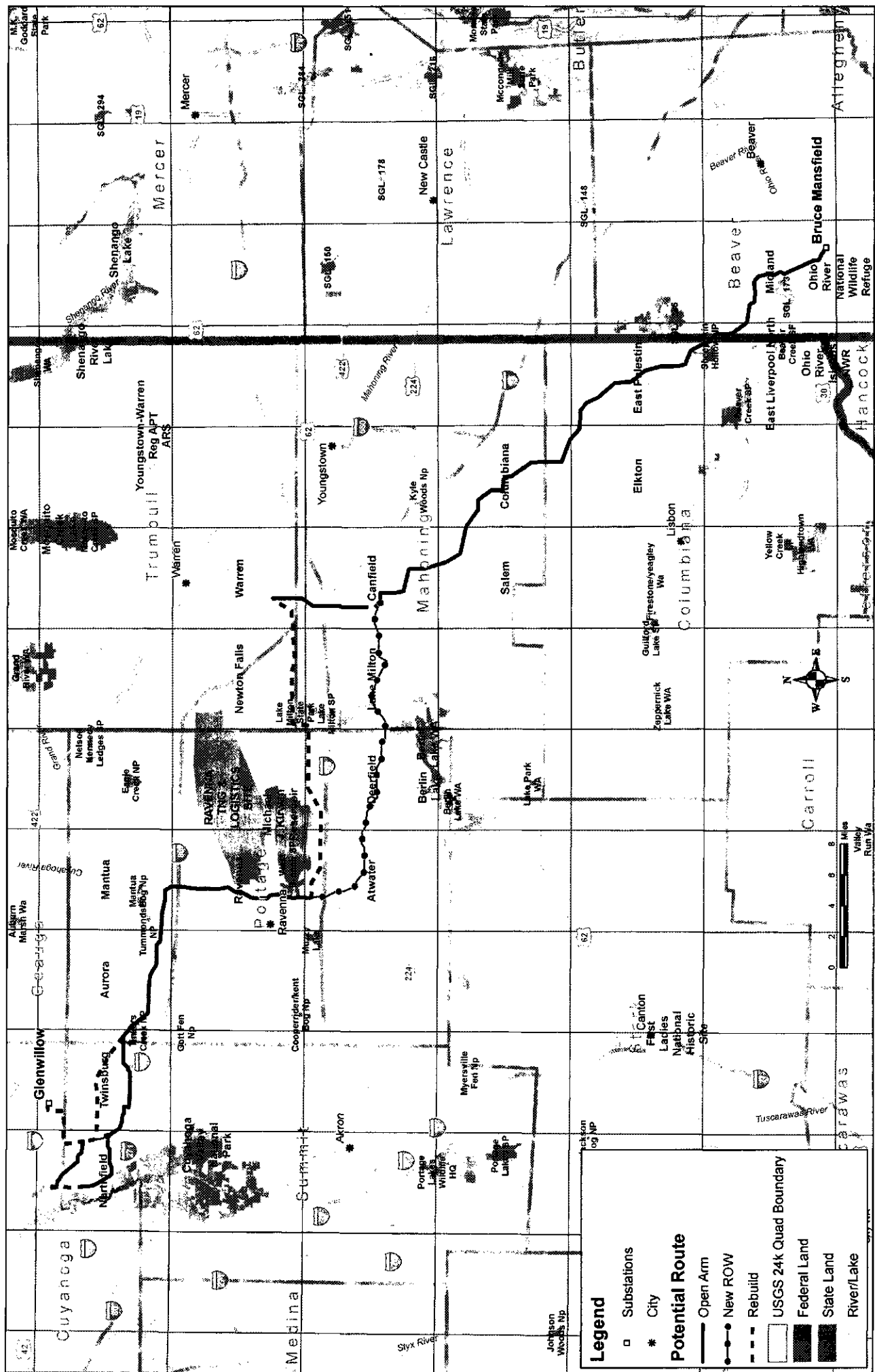
Sincerely,




Sue Sutter
Senior Environmental Scientist
The Louis Berger Group, Inc.

cc: Jay Ruberto, FirstEnergy

attachment







John Kessler, P.E.
Ohio Department of Natural Resources
Office of Real Estate
2045 Morse Rd., Columbus, OH 43229-6605
phone: 614-265-6621
email: john.kessler@dnr.state.oh.us

cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the piping plover (*Charadrius melodus*), a state and federally endangered bird species, and the Kirtland's warbler (*Setophaga kirtlandii*), a state and federally endangered species. These species do not nest in the state but only utilize stopover habitat as they migrate through the region. Therefore, the project is not likely to have an impact on these species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. However, the Ohio Biodiversity Database currently has no records of this species near the project area.

The project is within the range of the Canada darner (*Aeshna canadensis*), a state endangered dragonfly. Wetland impacts should be avoided in order to avoid this species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species, and the bobcat (*Lynx rufus*), a state endangered species. Due to the mobility of these species, the project is not likely to have an impact on these species.

The project is within the range of the king rail (*Rallus elegans*), a state endangered bird. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Nests for this species are deep bowls constructed out of grass and usually hidden very well in marsh vegetation. Therefore, if this type of habitat will be impacted, construction must be avoided in this habitat during the species' nesting period of May 1 to August 1. If this type of habitat will not be impacted, the project is not likely to impact this species.

The project is within the range of the yellow-bellied sapsucker (*Sphyrapicus varius*), a state endangered bird. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Yellow-bellied sapsuckers occupy wet deciduous forests or the margins of bogs where yellow birch, beech and aspen are prevalent. Therefore, if tree removal is proposed in this type of habitat, tree removal must not occur during the species' nesting period of May 1 to July 1. If no tree removal is proposed, the project is not likely to impact this species.

Attached is a set of ArcView shape files with the Ohio National Heritage Database records for the Bruce Mansfield-Glenwillow 345 kV Transmission Line Project. The files are projected in NAD83 Ohio State Plane South. The units are feet. Records included in the "data" layer may be for rare and endangered plants and animals, geologic features, high quality plant communities and animal assemblages. Fields included are scientific and common names, state and federal statuses, as well as managed area and date of the most recent observation. State and federal statuses are defined as: E = endangered, T = threatened, P = potentially threatened, SC = species of concern, SI = special interest, A = recently added to inventory, status not yet determined, FE = federal endangered, FT = federal threatened, FPE = federal potentially endangered, FC = federal candidate and FSC = federal species of concern.

Please note that wetlands known to contain an individual of or documented occurrences of federal or state-listed threatened or endangered plant or animal species are most likely considered high quality, Category 3 wetlands by the Ohio Environmental Protection Agency.

State Forests: The Division of Forestry has the following comments

This project crosses Beaver Creek State Forest. This portion of the project should be coordinated with the ODNR Division of Forestry. Please contact Cotton Randall at 614-265-6667 or cotton.randall@dnr.state.oh.us for assistance.

State Scenic Rivers: The Division of Watercraft has the following comments.

This project crosses Little Beaver Creek State Scenic River. This project should be coordinated with the ODNR Scenic Rivers Program. Please contact Bob Gable, Scenic Rivers Program Manager, at 614-265-6814 or bob.gable@dnr.state.oh.us for assistance.

Parks and Recreation: Please refer to the June 21, 2012 correspondence to you from Melissa Taylor, Outdoor Recreation Planner (attached).

ODNR appreciates the opportunity to provide these comments. Please contact John Kessler at (614) 265-6621 if you have questions about these comments or need additional information.

The project is within the range of the pointed sallow (*Epiglaea apiata*), a state endangered moth, and the Mitchell's satyr (*Neonympha mitchellii*), a state and federally endangered butterfly. Due to the habitat used by these species and the type of work proposed, the project is not likely to impact these species.

The project is within the range of the Eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. If wetlands are within the vicinity of the project area, a habitat survey is required on the proposed site to determine if eastern massasaugas are likely to occur on site. The survey must be done by a professional herpetologist approved by the DOW. If necessary, a presence/absence survey may be required. If no wetland habitat is present in the vicinity of the project area, the project is not likely to impact the species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. The Ohio Biodiversity Database currently has a record of this species near the project area. For guidance on reducing impacts to this nest, the DOW recommends the guidelines found at:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BaldEagle/NationalBaldEagleManagementGuidelines.pdf>

Or,

<http://www.fws.gov/midwest/eagle/guidelines/index.html>

The project is within the range of the eastern pondmussel (*Ligumia nasuta*), a state endangered mussel. In addition, the Ohio Biodiversity Database has records for this species in the vicinity of the project.

Since there is a history of mussels near the proposed project area, it may be necessary for a professional malacologist approved by the DOW to conduct a mussel survey in the project area. If no in-water work is proposed, the project is not likely to impact this species.

The project is within the range of the American emerald (*Cordulia shurtleffi*), a state endangered dragonfly, the frosted whiteface (*Leucorrhinia frigida*), a state endangered dragonfly, the brush-tipped emerald (*Somatochlora walshii*), a state endangered dragonfly, and the chalk-fronted corporal (*Ladona julia*), a state endangered dragonfly. Wetland impacts must be avoided in order to avoid potential impacts to these species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species, and the bobcat (*Lynx rufus*), a state endangered species. Due to the mobility of these species, the project is not likely to have an impact on these species.

The portion of the project located in Summit County is within the range of the following species:

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. In addition, the Ohio Biodiversity Database has a record within the vicinity of the project area. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. However, the Ohio Biodiversity Database currently has no records of this species near the project area.

The project is within the range of the elfin skimmer (*Nannothemis bella*), a state endangered dragonfly, the racket-tailed emerald (*Dorocordulia libera*), a state endangered dragonfly, and the chalk-fronted corporal (*Ladona julia*), a state endangered dragonfly. Wetland impacts must be avoided in order to avoid impacts to these species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species, and the bobcat (*Lynx rufus*), a state endangered species. Due to the mobility of these species, the project is not likely to have an impact on these species.

A portion of the project crosses Liberty Park, managed by Summit County Metroparks. This project should be coordinated with Summit County Metroparks.

The portion of the project located in Cuyahoga County is within the range of the following species:

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniosa*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut,

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniata*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the clubshell (*Pleurobema clava*), a state and federally endangered mussel, and the snuffbox (*Epioblasma triquetra*), a state endangered and federal endangered mussel.

If there is a history of mussels near the proposed project area, it may be necessary for a professional malacologist approved by the DOW to conduct a mussel survey in the project area. If no in-water work is proposed, the project is not likely to impact these species.

The project is within the range of the Eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. Due to the lack of records in the project area for this species, the project is not likely to impact this species.

The project is within the range of the mountain brook lamprey (*Ichthyomyzon greeleyi*), a state endangered fish. The DOW recommends no in-water work in perennial streams at least April 15 to June 30 to reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed, the project is not likely to impact these species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species, and the bobcat (*Lynx rufus*), a state endangered species. Due to the mobility of these species the project is not likely to impact these species.

The project is within the range of the trumpeter swan (*Cygnus buccinator*), a state endangered bird. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Trumpeter swans prefer large marshes and lakes ranging in size from 40 to 150 acres. They like shallow wetlands one to three feet deep with a diverse mix of plenty of emergent and submergent vegetation and open water. Therefore, if this type of wetland habitat will be impacted, construction must be avoided in this habitat during the species' nesting period of May 1 to August 1. If this type of wetland habitat will not be impacted, the project is not likely to impact this species.

The project is within the range of the yellow-bellied sapsucker (*Sphyrapicus varius*), a state endangered bird. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Yellow-bellied sapsuckers occupy wet deciduous forests or the margins of bogs where yellow birch, beech and aspen are prevalent. Therefore, if tree removal is proposed in this type of habitat, tree removal must not occur during the species' nesting period of May 1 to July 1. If no tree removal is proposed, the project is not likely to impact this species.

The portion of the project located in Portage County is within the range of the following species:

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniata*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the Eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. Due to the lack of records in the project area for this species, the project is not likely to impact this species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. However, the Ohio Biodiversity Database (recently renamed the Ohio National Heritage Database) currently has no records of this species near the project area.

The project is within the range of the Eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*), a state endangered amphibian currently being evaluated for Federal Candidate status. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from that area. Therefore, if in-water work in perennial streams is proposed for this project, a survey conducted by an approved herpetologist is required to determine the presence or absence of the species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species. Due to the mobility of these species, the project is not likely to have an impact on these species.

The project is within the range of the American bittern (*Botaurus lentiginosus*), a state endangered bird. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Nesting bitterns prefer large undisturbed wetlands that have scattered small pools amongst dense vegetation. They occasionally occupy bogs, large wet meadows, and dense shrubby swamps. If this type of habitat will be impacted, construction must be avoided in this habitat during the species' nesting period of May 1 to July 31. If this type of habitat will not be impacted, the project is not likely to impact this species.

The portion of the project located in Mahoning County is within the range of the following species:

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniosa*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the bald eagle (*Haliaeetus leucocephalus*), a state threatened species. However, the Ohio Biodiversity Database currently has no records of this species near the project area.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species. Due to the mobility of this species, the project is not likely to have an impact on this species.

The project is within the range of the Northern harrier (*Circus cyaneus*), a state endangered bird. This is a common migrant and winter species. Nesters are much rarer, although they occasionally breed in large marshes and grasslands. Harriers often nest in loose colonies. The female builds a nest out of sticks on the ground, often on top of a mound. Harriers hunt over grasslands. A statewide survey has not been completed for this species. A lack of records does not indicate the species is absent from the area. Therefore, if this type of habitat will be impacted, construction must not occur in this habitat during the species' nesting period of May 15 to August 1. If this habitat will not be impacted, the project is not likely to impact this species.

The project is within the range of the Eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. If wetlands are within the vicinity of the project area, a habitat survey is required on the proposed site to determine if eastern massasaugas are likely to occur on site. The survey must be done by a professional herpetologist approved by the DOW. If necessary, a presence/absence survey may be required. If no wetland habitat is present in the vicinity of the project area, the project is not likely to impact the species.

A portion of the project crosses Vickers Nature Preserve, managed by Mill Creek Metroparks. This project should be coordinated with Mill Creek Metroparks.

The portion of the project located in Trumbull County is within the range of the following species:

From: Kessler, John [John.Kessler@dnr.state.oh.us]
Sent: Wednesday, August 08, 2012 11:45 AM
To: Davis, Susan
Subject: FW: 12-474 Bruce Mansfield
Attachments: fe ma.dbf; fe sr.shx; fe sr.shp; fe sr.sbx; fe sr.sbn; fe sr.prj; fe sr.dbf; fe species half mile buffer.shx; fe species half mile buffer.shp; fe species half mile buffer.sbx; fe species half mile buffer.sbn; fe species half mile buffer.prj; fe species half mile buffer.dbf; fe ma.shx; fe ma.shp; fe ma.sbx; fe ma.sbn; fe ma.prj; Glenwillow ODNR Repsonse_6-21-12.pdf



ODNR COMMENTS TO: Sue Davis, The Louis Berger Group, Inc.; sjdavis@louisberger.com

Project: Bruce Mansfield – Glenwillow 345 kV Transmission Line

Location: Columbiana, Mahoning, Trumbull, Portage, Summit, and Cuyahoga Counties

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Fish and Wildlife: The Division of Wildlife (DOW) has the following comments.

The portion of the project located in Columbiana County is within the range of the following species:

The project is within the range of the Indiana bat (*Myotis sodalis*), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniata*), Bitternut hickory (*Carya cordiformis*), Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (*Populus deltoides*), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the sheepsnout (*Plethobasus cyphus*), a state endangered and federal endangered mussel, and the snuffbox (*Epioblasma triquetra*), a state endangered and federal endangered mussel. If there is a history of mussels near the proposed project area, it may be necessary for a professional malacologist approved by the DOW to conduct a mussel survey in the project area. Surveys are to be done within six months before in-water work. If no in-water work is proposed, the project is not likely to impact these species.



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Division of Parks & Recreation

Glen Cobb, Chief

2045 Morse Road - C3

Columbus, OH 43229-6693

Phone: (614) 265-6561 Fax: (614) 261-8407

June 21, 2012

Sue Sutter
Senior Environmental Scientist
The Louis Berger Group, Inc.
100 Commercial Street
2nd Floor North
Manchester, NH 03101

RE: Bruce Mansfield-Glenwillow 345 kV Transmission Line Project

Dear Ms. Sutter:

Thank you for allowing the Ohio Department of Natural Resources, Division of Parks and Recreation (Division) the opportunity to review and comment on the proposed project mentioned above.

By the information provided it appears a portion of the project may affect some of the Division's managed properties, including parks and preserves. If this is the case the Division prefers the project be routed away from the parks and preserves; new right of ways will most likely not be granted in regards to preserves. If Division land and/or water will be affected by this project please contact Jayne Maxwell, the Division's Real Estate Manager, at 614-265-6512 to discuss the necessary agreement. Please contact Mrs. Maxwell at least 7 (seven) months prior to any work taking place on Division property; all comments and requirements will be addressed at this time.

It appears the Louis Berger Group is requesting an Ohio Biodiversity Database search regarding this project. The Division of Wildlife (DOW) handles such requests and I will forward the project information to DOW today.

Should you have any questions please contact me at 614-265-6568 or at melissa.taylor@dnr.state.oh.us.

Sincerely,

Melissa Taylor, Outdoor Recreation Planner
Division of Parks and Recreation

cc: Greg Schneider, Ohio Biodiversity Database Program Administrator, DOW
Jayne Maxwell, Real Estate Manager, Division of Parks and Recreation
Louis Andres, North Central District Manager, Mohican State Park
Doug Lyons, Northeast District Manager, Wingfoot Lake State Park

JUN 25 2012

between the dates of May 15 and August 15, when the presence of maternity colonies could be detected.

- Should an emergence survey detect bats utilizing a potential roost tree, the USFWS will be consulted to determine if further surveys will be necessary or if an incidental take permit will be necessary.
- All project activities within Liberty Metro Park should be coordinated with Metro Parks, Serving Summit County.

Section 404 permits issued by the US Army Corps of Engineers are required to complete this project. As a result, the Corps is required by section 7(a)(2) of the Endangered Species Act (ESA) to insure that any action it authorizes is not likely to jeopardize the continued existence of any listed species. Consultation with the Service is required for any action that may affect listed species. "Effects of the action" refers to the direct and indirect effects of an action on the species or critical habitat, together with the effects of other activities that are interrelated or interdependent with that action. Indirect effects are those that are caused by the proposed action and are later in time, but still are reasonably certain to occur. Interrelated actions are those that are part of a larger action and depend on the larger action for their justification. Interdependent actions are those that have no independent utility apart from the action under consideration (50 CFR 402.02). "Action area" means all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR 402.02). Since no individual segment of the proposed transmission line has independent utility aside from the complete project, no tree clearing on any portion of the alignment should occur until consultation under section 7 of the ESA between the Service and the Federal action agency is completed. We recommend that the Federal action agency submit to this office a determination of effects for the entire action area to the Indiana bat for our review and concurrence.

Should additional information on listed or proposed species or their critical habitat become available or if new information reveals effects of the action that were not previously considered, our comments and recommendations may be reconsidered. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act of 1973 (ESA), as amended, and are consistent with the intent of the National Environmental Policy Act of 1969 and the U. S. Fish and Wildlife Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document. If you have questions, or if we may be of further assistance in this matter, please contact David Henry at extension 27 in this office.

Sincerely,



Mary Knapp, Ph.D.
Field Supervisor

cc: ODNR, DOW, SCEA Unit, Columbus, OH

mjohnson@summitmetroparks.org



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994

July 24, 2012

The Louis Berger Group
Attn: Sue Davis
1001 Elm Street, Suite 203
Manchester, NH 03101

TAILS: 03E15000-2012-TA-0880

Re: Bruce Mansfield-Glenwillow 345 kV Transmission Project
Indiana Bat (*Myotis sodalis*) Surveys and Section 7 Requirements
Columbiana, Mahoning, Trumbull, Portage, Summit and Cuyahoga Counties, Ohio

Dear Ms. Davis:

This is in response to your July 3, 2012 e-mail requesting confirmation of the proposed survey and avoidance measures taken to avoid impacts to the Indiana bat. Based on the information in our June 20, 2012 letter and subsequent phone conversations, the measures necessary to avoid impacts to Indiana bats in the northwestern section of the transmission line (north and west of Page Road in Streetsboro, Ohio) are different from the remaining alignment due to the presence of potential hibernacula and female Indiana bat capture records. Although two approaches to avoiding and minimizing impacts to the Indiana bat are being employed for this project, no tree clearing should be initiated anywhere within the project area until all Indiana bat studies (habitat evaluations, mist-net surveys, emergence surveys) have been completed and the results of these studies have been coordinated and approved by the USFWS.

In areas south and east of the intersection with Page Road (outside the 5-mile buffer):

- Mist net surveys are not required in areas where only a narrow amount of clearing is required (in the 10-20' wide category, if the linear length of clearing is not excessive) if tree clearing occurs only between the dates of September 30 and April 1.
- If the winter tree clearing restrictions cannot be met, mist net surveys need to take place and be submitted to USFWS for review.
- No habitat assessments are required in this section of the project area.

In areas within the buffer around the suspected hibernaculum in Liberty Park and the female capture near Cuyahoga Valley NP (north and west of Page Road):

- No mist net surveys to take place west and north of Page Street in Streetsboro.
- Habitat assessments need to take place for all areas within this buffer where trees need to be cut
- All habitat assessments will be submitted to USFWS for review.
- For identified potential maternity roost trees that are proposed to be cut; the coordinates, a description of the tree characteristics (size, amount of peeling bark, solar exposure etc.), photographs, and a description of the available roosting habitat in the vicinity, must be provided in the habitat assessment.
- Based on the information in the habitat assessment, emergence surveys may be necessary to determine if bats are utilizing the potential roost trees. Emergence surveys may only be conducted

and tamaracks. Appropriate habitat may exist in Aurora Township, Portage County. If this habitat is found on the site, further coordination with this office will be necessary to determine if a survey is warranted.

The project lies within the range of three federally endangered freshwater mussels, the **clubshell** (*Pleurobema clava*), **sheepnose** (*Plethobasus cyphus*) and **snuffbox** (*Epioblasma triquetra*); two federally endangered birds, the **piping plover** (*Charadrius melodus*) and **Kirtland's warbler** (*Setophaga kirtlandii*); and **northern monkshood** (*Aconitum noveboracense*), a federally listed threatened plant species. Due to the project type, location, and onsite habitat, these species would not be expected within the project area, and no impacts to these species are expected.

Should additional information on listed or proposed species or their critical habitat become available or if new information reveals effects of the action that were not previously considered, our comments and recommendations may be reconsidered. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act of 1973 (ESA), as amended, and are consistent with the intent of the National Environmental Policy Act of 1969 and the U. S. Fish and Wildlife Service's Mitigation Policy. If you have questions, or if we may be of further assistance in this matter, please contact David Henry at extension 27 in this office.

Sincerely,



Mary Knapp, Ph.D.
Field Supervisor

cc: ODNR, DOW, SCEA Unit, Columbus, OH,

8. A list of avoidance and minimization measures to protect the bat and its habitat (such as preservation of suitable habitat, seasonal tree clearing, etc.).
9. Using the information above as justification, please include your determination of whether or not the project is likely to adversely affect the Indiana bat.

Based on this information, the Service will evaluate potential impacts to the Indiana bat from the proposed project. Depending on the extent of impacts to suitable Indiana bat habitat, we may recommend mist net or emergence surveys to determine bat usage of the project area. These surveys must be designed and conducted in coordination with this office, and *may only be completed between May 15 and August 15* by a permitted Indiana bat. Furthermore, if the habitat evaluation and/or mist net surveys do not provide sufficient information to document a "not likely to adversely affect" determination, formal consultation under section 7 of the Endangered Species Act of 1973, as amended, will be necessary.

The portions of the proposed project that may cross Newton and Lordstown Townships in Trumbull County and Streetsboro Township in Portage County, lie within the range of the **eastern massasauga** (*Sistrurus catenatus catenatus*), a docile rattlesnake that is declining throughout its national range and is currently a Federal Candidate species. Since designated as a candidate species in 1999, it has declined significantly throughout its range and populations in Ohio that were once throughout glaciated portions of the state, are now small and isolated. The species has been listed by the State of Ohio as endangered since 1996. Several factors have contributed to the decline of the species including habitat loss and fragmentation, indiscriminate killing, collection, gene pool contamination and incompatible land use practices.

Eastern massasaugas use both upland and wetland habitat and these habitats differ by season. During the winter, massasaugas hibernate in low wet areas, primarily in crayfish burrows, but may use other structures. Presence of a water table near the surface is important for a suitable hibernaculum. In the summer, massasaugas use drier, open areas that contain a mix of grasses and forbs such as goldenrods and other prairie plants that may be intermixed with trees or shrubs. Adjoining lowland and upland habitat with variable elevations between are critical for the species to travel back and forth seasonally. Should the proposed project area contain any of the habitat types or features described above, we recommend that a habitat assessment be conducted to determine if suitable habitat for the species exists within the vicinity of the proposed site. Please note that habitat assessments should only be conducted by approved eastern massasauga surveyors due to variable habitat types and cryptic nature of the species. Any habitat assessments or surveys should be coordinated with this office.

The proposed project lies within the range of the **eastern hellbender** (*Cryptobranchus a. alleganiensis*), a Federal amphibian species of concern and an Ohio endangered species. The eastern hellbender is a salamander that inhabits perennial streams with large, flat rocks and is known to occur in the North Fork of Little Beaver Creek in Columbiana County. Should the proposed project directly or indirectly impact any of the habitat types described above, we recommend that a survey be conducted to determine the presence or probable absence of the eastern hellbender in the vicinity of the proposed project site. The following herpetologists are authorized to conduct hellbender surveys within the State of Ohio:

Jeff Davis
625 Crescent Road
Hamilton, OH 45013
anura@fuse.net
(513) 868-3154

Greg Lipps
1473 County Road 5-2
Delta, OH 43515
GregLipps@aol.com
(419) 376-3441

Doug Wynn
241 Chase Street, Apt. A3L
Russells Point, OH 43348
Sistrurus@aol.com
(614) 306-0313

The proposed project lies within the range of the **Mitchell's satyr** (*Neonympha mitchellii*), a federally listed endangered butterfly. The favored habitat for this species is sedge-dominated fens with low shrubs

pesticides, and the loss and degradation of forested habitat, particularly stands of large, mature trees. Fragmentation of forest habitat may also contribute to declines. During winter, Indiana bats hibernate in caves and abandoned mines. Summer habitat requirements for the species are not well defined but the following are considered important:

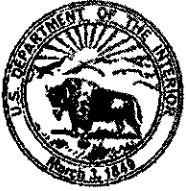
- (1) dead or live trees and snags with peeling or exfoliating bark, split tree trunk and/or branches, or cavities, which may be used as maternity roost areas;
- (2) live trees (such as shagbark hickory and oaks) which have exfoliating bark;
- (3) stream corridors, riparian areas, and upland woodlots which provide forage sites.

A portion of the proposed route crosses Summit County's Liberty Metropark, an area known to support Indiana bats, and a suspected Indiana bat hibernaculum. Liberty Metropark is located northwest of the intersection of Route 82 and the Summit/Portage County line. In addition, portions of the proposed route cross Cuyahoga Valley National Park, also known to support Indiana bats. Furthermore, female Indiana bats were captured at these locations, indicating the likely presence of maternity colonies of Indiana bats within the vicinity of the project. Within a five mile radius of a hibernaculum, data indicate that Indiana bats are present year-round. Suitable habitat (as defined above) within the five-mile radius is especially important for fall swarming and spring staging activities. During swarming, Indiana bats move in and out of hibernacula from dusk to dawn with most continuing to roost in trees during the day. Swarming is a critical time period for Indiana bats for breeding and increasing winter fat storage for hibernation. Spring staging is a stressful period for Indiana bats because their fat reserves are low from their recent hibernation, food resources in the surrounding environment are still scarce, and their upcoming migration to summer habitat may be hazardous. In addition, male Indiana bats often stay near hibernacula throughout the entire summer and can be assumed to be present in small numbers within a 10-mile radius.

Your letter indicates that the one of the potential routes through this area would require no additional tree clearing due to the utilization of an open arm on an existing transmission line alignment. The other potential route may require some tree clearing to rebuild an existing transmission line. The Service recommends that route minimizing impacts to the habitat described above be utilized.

Even with the utilization of existing Right of Ways, the Service is very concerned with the potential for negative impacts on the Indiana bat from the loss of suitable habitat in close proximity to the hibernaculum. In order for the Service to evaluate potential impacts to the Indiana bat, the Applicant must submit additional information. We recommend including the following information:

1. A map of the site with all forested areas indicated, and a general description of the habitat, including acreage, dominant species composition, age, density of understory, and canopy cover, and representative photos of these areas.
2. A map identifying the location of any exposed bedrock that supports caves, crevices, fissures, or sinkholes, or abandoned mines of any kind, and representative photos of these areas.
3. A map indicating the location of suitable roost trees (dead or live trees with peeling bark, cracks, or crevices), and describe species, condition (live or dead), size (dbh), and canopy cover. In particular, potential maternity roost trees should be located and quantified. Potential maternity roosts are typically large diameter trees with peeling bark that receive solar exposure for at least half the day. Please include representative photos of these trees.
4. A map indicating the location of any wetlands, streams, ponds, and cleared paths or trails.
5. A description and quantification of any forested parcels and potential roost trees onsite that will be preserved.
6. A description of any other forested properties within the vicinity of the project that are protected in perpetuity (ex. parks, conservation easements, etc.).
7. A description of the connectivity of forested areas onsite and other adjacent forested parcels.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994

June 20, 2012

The Louis Berger Group
Attn: Sue Sutter
1001 Elm Street, Suite 203
Manchester, NH 03101

TAILS: 03E15000-2012-TA-0880

Re: FirstEnergy Service Company
Bruce Mansfield, -Glenwillow 345 kV Transmission Line
Columbiana, Mahoning, Trumbull, Portage, Summit, and Cuyahoga Counties

Dear Ms. Sutter:

This is in response to your May 25, 2012 letter requesting information on federally threatened and endangered species that might be present in the vicinity of the above referenced project. The project involves the construction of a new 345 kV transmission line and new substation. The transmission line will be approximately 110 miles and will connect the existing Bruce Mansfield Substation in Shippingport, Beaver County, Pennsylvania to the proposed new substation in Glenwillow, Cuyahoga County, Ohio. The majority of the route will utilize an existing open arm alignment in an existing Right of Way. Two sections of the route have two potential alignments, one section is located in northern Summit County; the second section is located in Portage, Mahoning and potentially Trumbull Counties. The two proposed routes in Mahoning and Portage Counties would require the construction of a new Right of Way in the southern option, or the rebuilding of an existing line to the north.

There are no Federal wildlife refuges, wilderness areas, or Critical Habitat within the vicinity of this site.

The U.S. Fish and Wildlife Service recommends that proposed activities minimize water quality impacts and impacts to quality fish and wildlife habitat, such as forests, streams, and wetlands. Riparian zone habitat should be preserved wherever possible. Vegetated areas along streams and rivers stabilize the banks, provide fish and wildlife habitat, filter pollutants and excess nutrients, store excess water during storm events, and minimize sedimentation. Best Management Practices (BMP's) should be utilized to minimize sedimentation and erosion. All disturbed areas should be mulched and revegetated with native woody and herbaceous species.

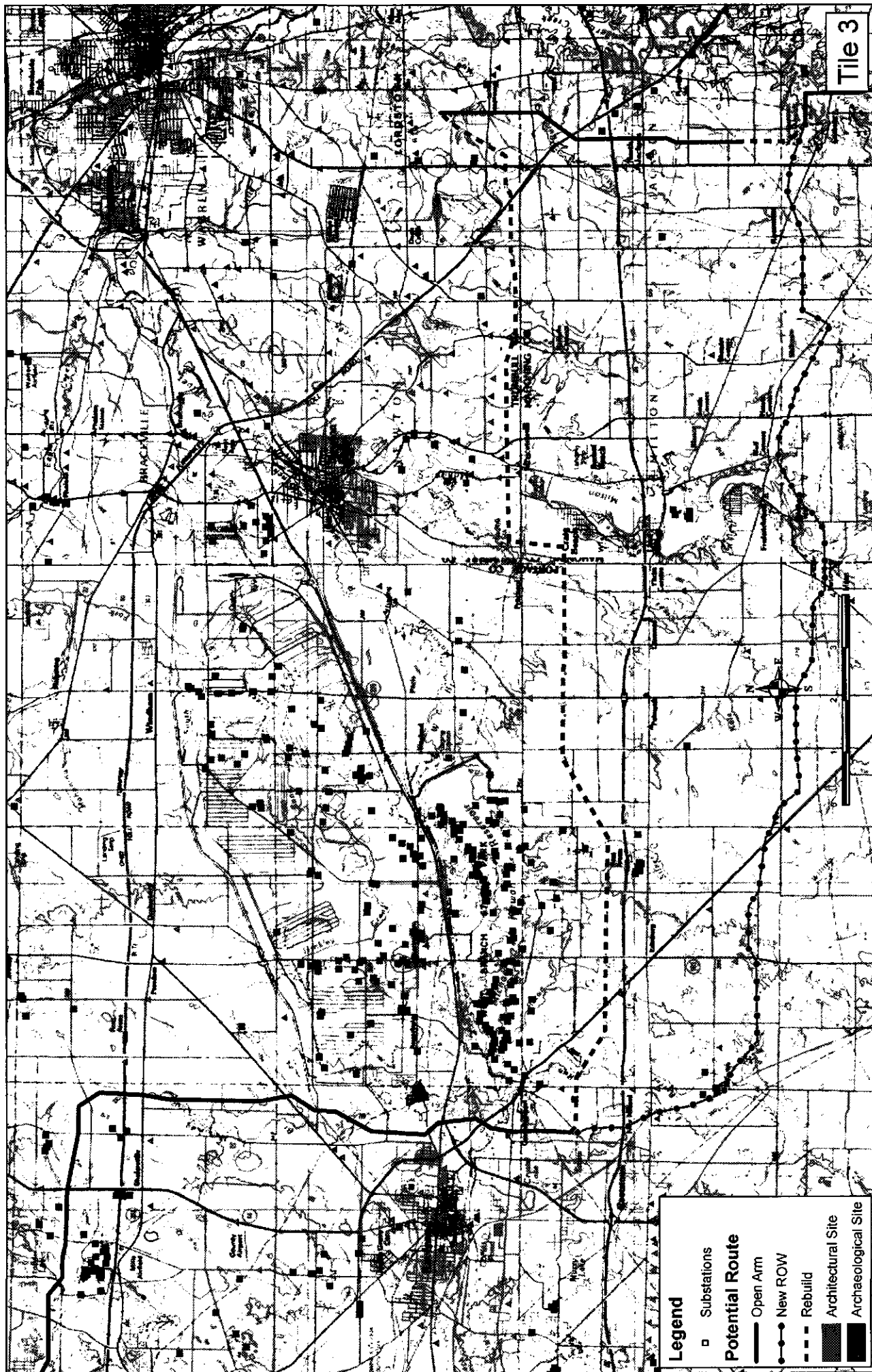
MIGRATORY BIRD COMMENTS: The project lies within the range of the **bald eagle** (*Haliaeetus leucocephalus*), a species protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act. Due to the project type, location, and onsite habitat, this species would not be expected within the project area, and no impact to this species is expected. Relative to this species, this precludes the need for further action on this project as required by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

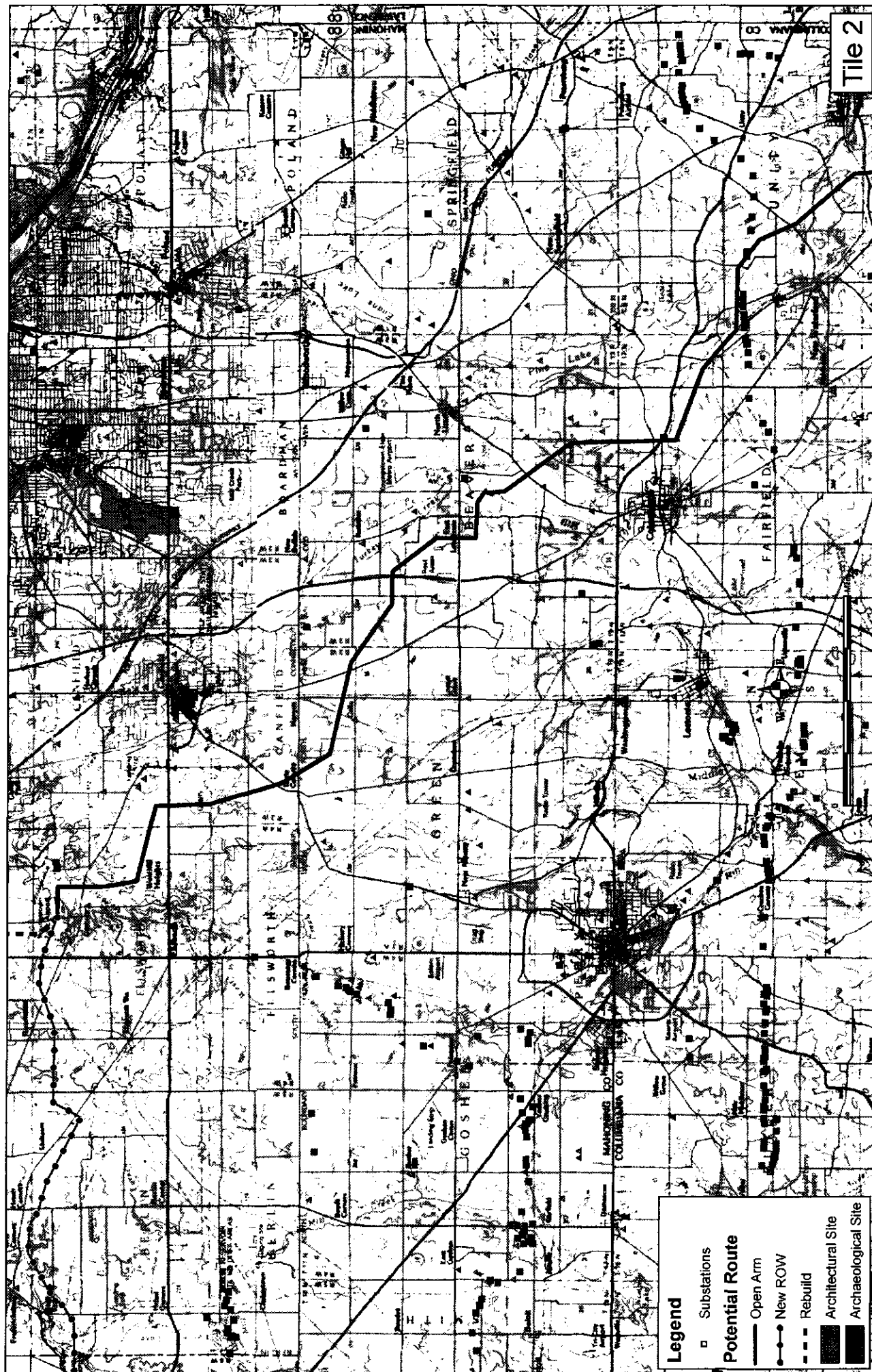
ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the **Indiana bat** (*Myotis sodalis*), a federally listed endangered species. Since first listed as endangered in 1967, their population has declined by nearly 60%. Several factors have contributed to the decline of the Indiana bat, including the loss and degradation of suitable hibernacula, human disturbance during hibernation,

JUN 25 2012

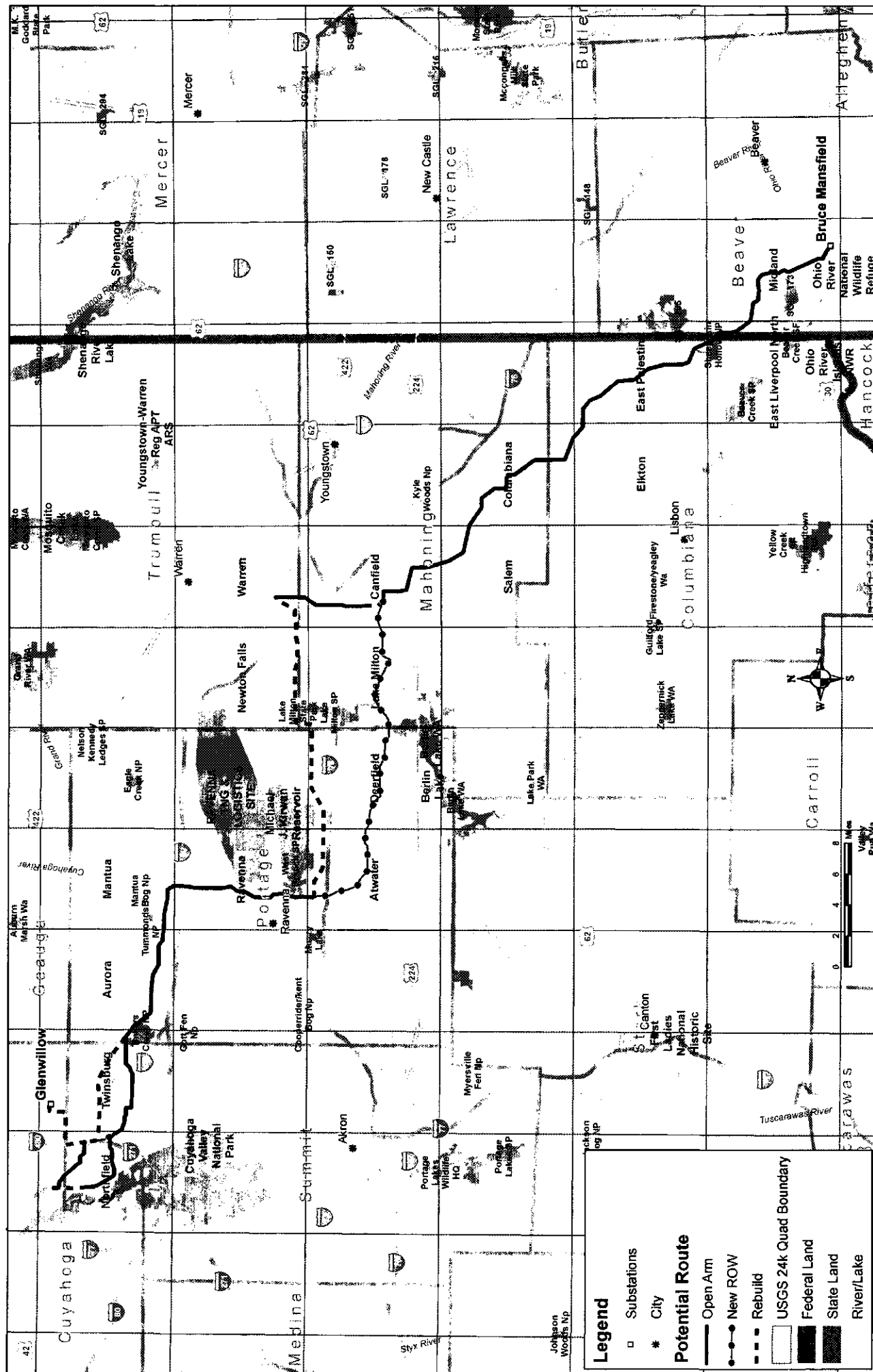
Agency Responses Received







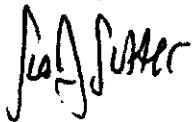




It is anticipated that much of the line will be installed on existing transmission structure "open arms" that were constructed originally with the expectation that an additional circuit would someday be needed. As a result, a second circuit can be installed without adding more structures or increasing the width of the existing, cleared right-of-way. The other segments of the proposed line are anticipated to be a combination of new construction and rebuilding existing lines to make them capable of accommodating an additional line. The attached maps indicate the locations where open arms, rebuilt lines, or new right-of-way would be utilized. In areas where structures can be rebuilt, little if any new right-of-way is expected to be needed. New areas would require the acquisition and clearing of a new 150-foot-wide right-of-way. In both new and rebuilt areas, the transmission structures are expected to be steel poles approximately 130 to 175 feet tall. FirstEnergy intends to use existing access roads to the maximum extent practicable. As you'll note, the maps also include the approximate locations of known archaeological and historic structures in the vicinity of the project, which our cultural resources specialists obtained from the OHPO databases.

Please provide the requested information in writing and by email or fax at your earliest convenience to me at ssutter@louisberger.com or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you are able to provide the locations of any records you find during your review on a GIS shapefile for us, we would appreciate that as well. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

Sincerely,



Sue Sutter
Senior Environmental Scientist
The Louis Berger Group, Inc.

cc: Jay Ruberto, FirstEnergy
Eric Voigt, Louis Berger Group

attachment



THE Louis Berger Group, INC.

June 1, 2012

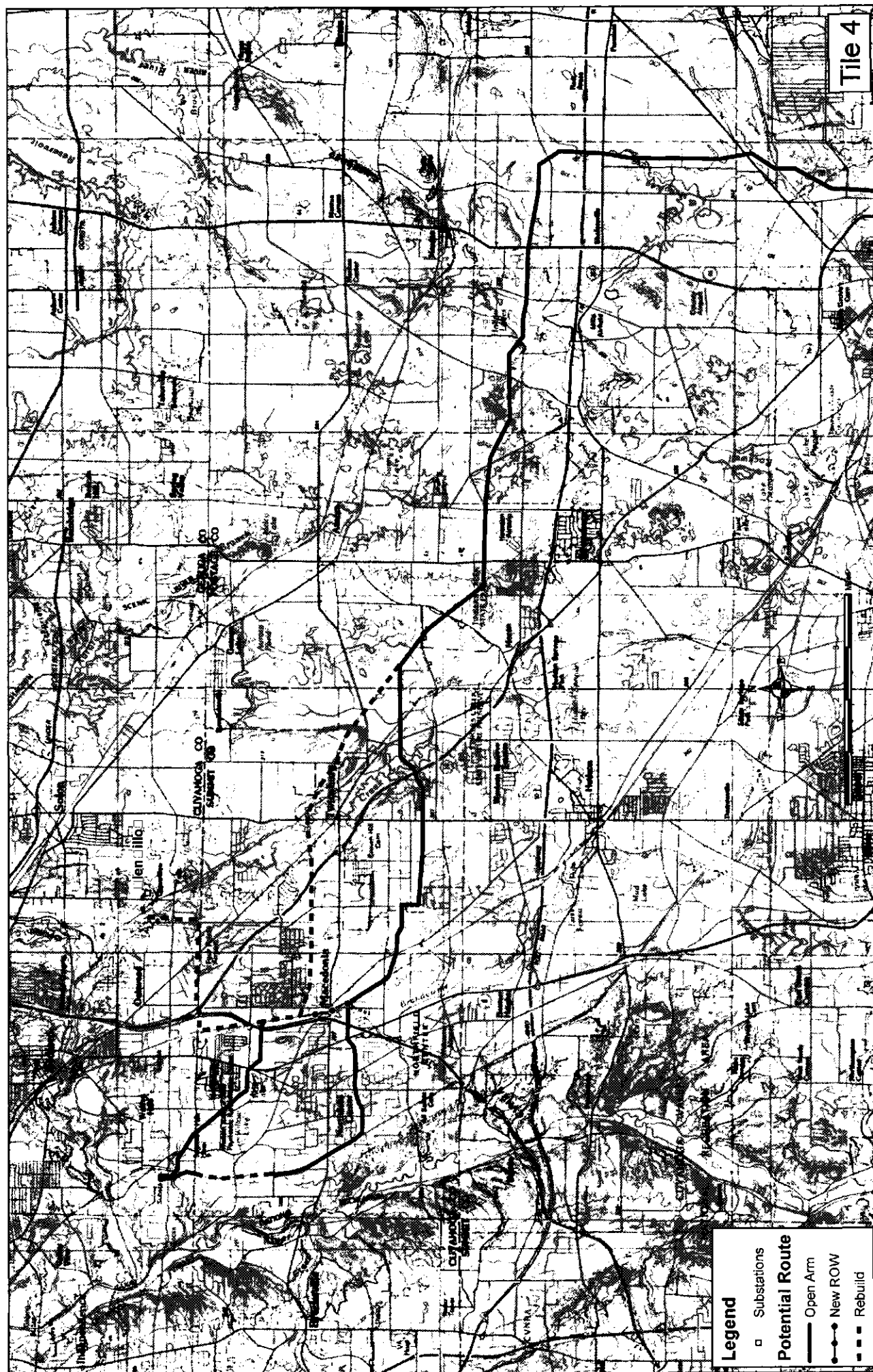
Mark J. Epstein
Resource Protection and Review Department Head
Ohio Historic Preservation Office
800 E. 17th Avenue
Columbus, OH 43211

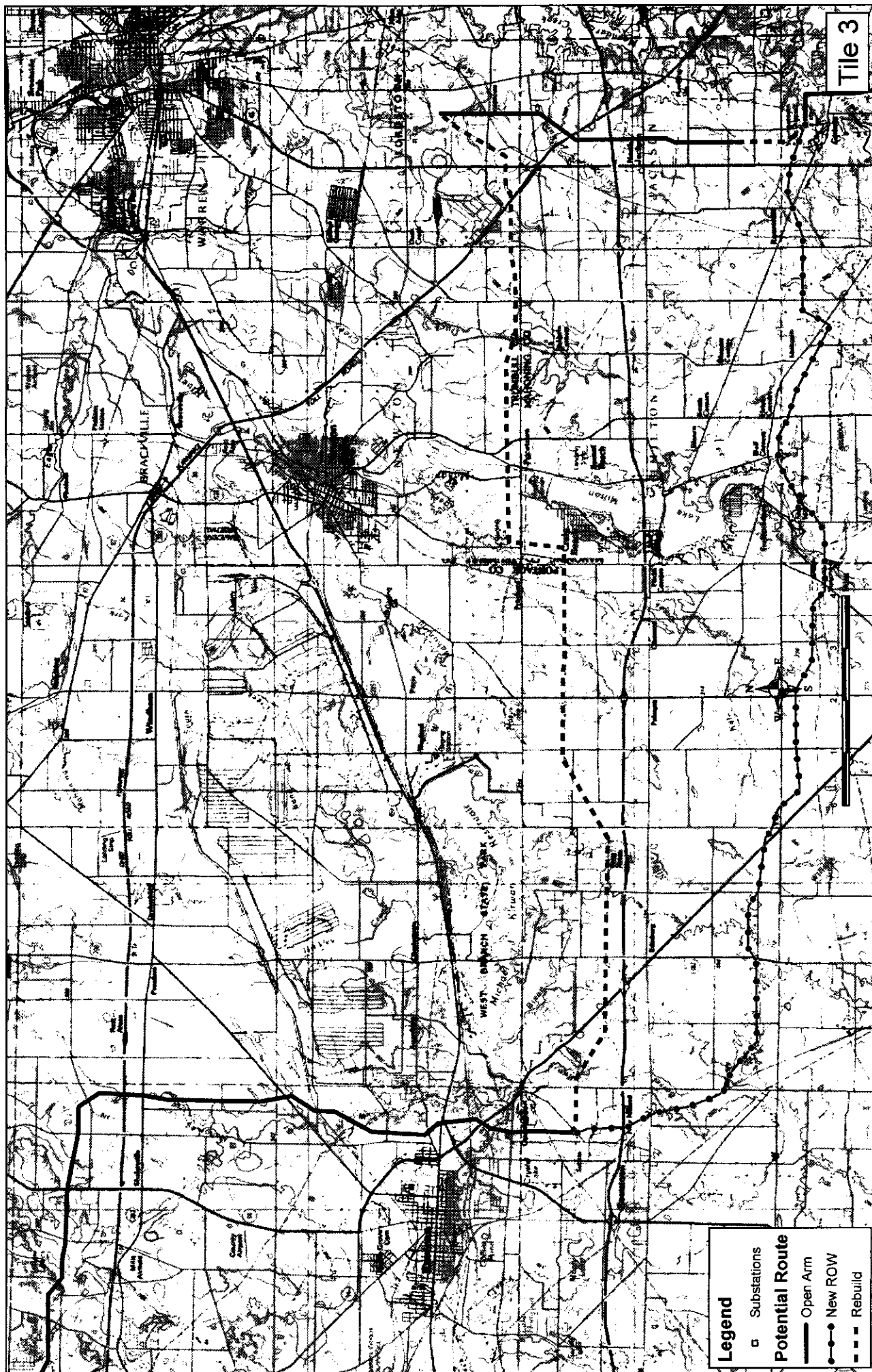
Re: Bruce Mansfield-Glenwillow 345 kV Transmission Line Project
Request for Project Review

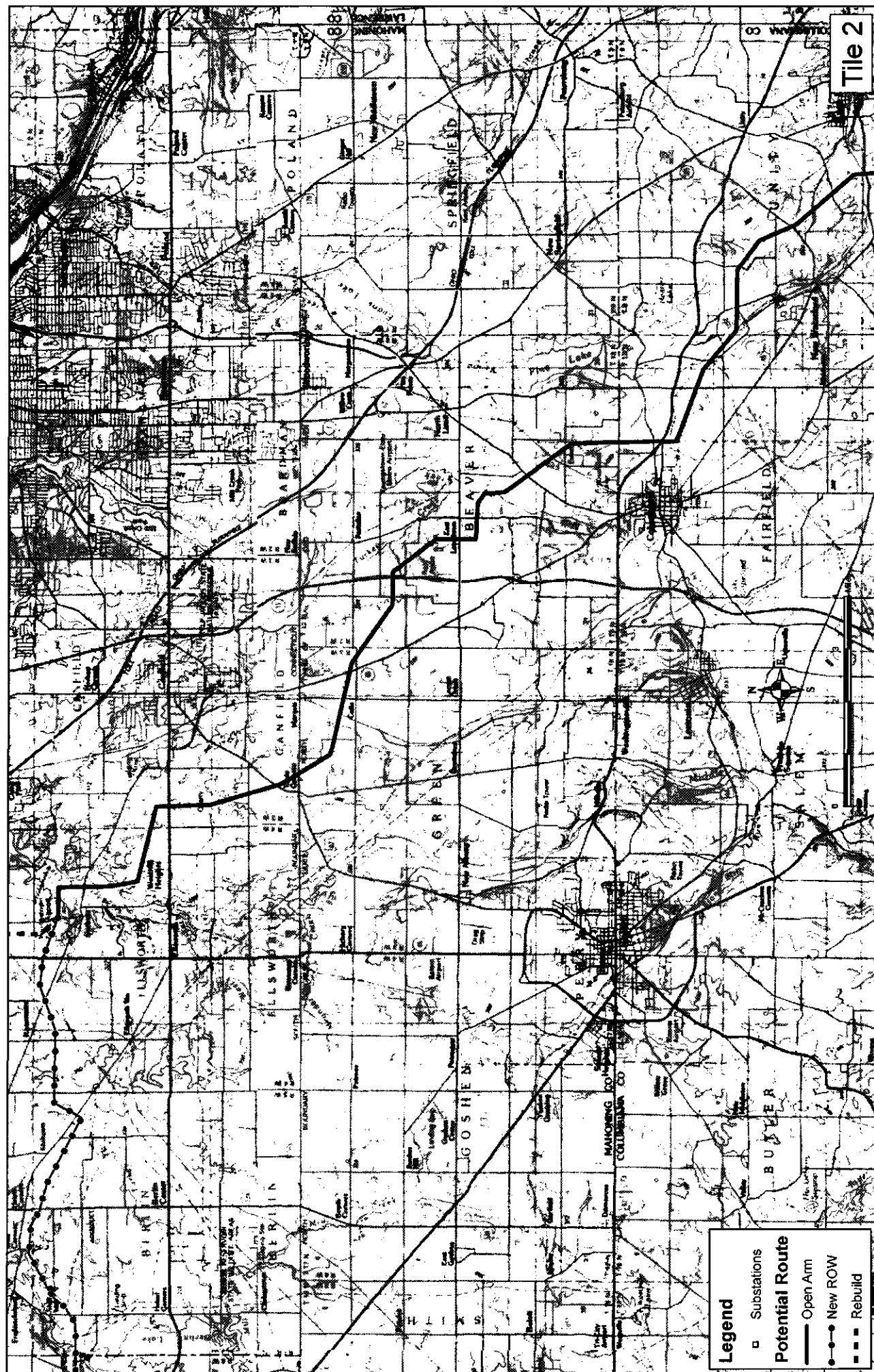
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The proposed project will consist of a new 345 kV transmission line and a new transmission substation. The transmission line will be approximately 110 miles in length depending upon the route chosen and connect the existing Bruce Mansfield Substation, operated by FirstEnergy affiliates, located along Shippingport Rd. in Shippingport, Beaver County, Pennsylvania, to a new transmission substation, named Glenwillow Substation, proposed to be located on a site in Glenwillow, Cuyahoga County, Ohio. To this end, FirstEnergy and its consultants have identified several potential routes for further consideration. These potential routes are shown in the attached figures. FirstEnergy respectfully requests that your agency provide a preliminary review for potential impacts to any historic architectural or archaeological features that are known to occur, or that could potentially occur, in the vicinity of the potential routes being considered in the Ohio portion of the Project. Your input will be used to help FirstEnergy further evaluate the proposed routes in order to minimize potential impacts of the Project on cultural resources.

As shown on the attached maps, the potential routes in Ohio are located in Columbiana, Mahoning, Trumbull, Portage, Summit, and Cuyahoga Counties and may traverse through Fairfield, Middleton, and Unity townships in Columbiana County; Beaver, Berlin, Canfield, Ellsworth, Green, Jackson, and Milton townships in Mahoning County; Newton Township and the Village of Lordstown in Trumbull County; Deerfield, Edinburg, Palmyra, Ravenna, Rootstown, and Shalersville townships, and the cities of Aurora and Streetsboro in Portage County; Twinsburg, Northfield Center, and Sagamore Hills townships in Summit County; and the villages of Glenwillow, Oakwood, and Walton Hills in Cuyahoga County. The potential routes are located on the following USGS quadrangle maps: Atwater, Aurora, Canfield, Columbiana, Deerfield, East Liverpool North, East Palestine, Elkton, Lake Milton, Mantua, Midland, Newton Falls, Northfield, Ravenna, Salem, Twinsburg, and Warren.

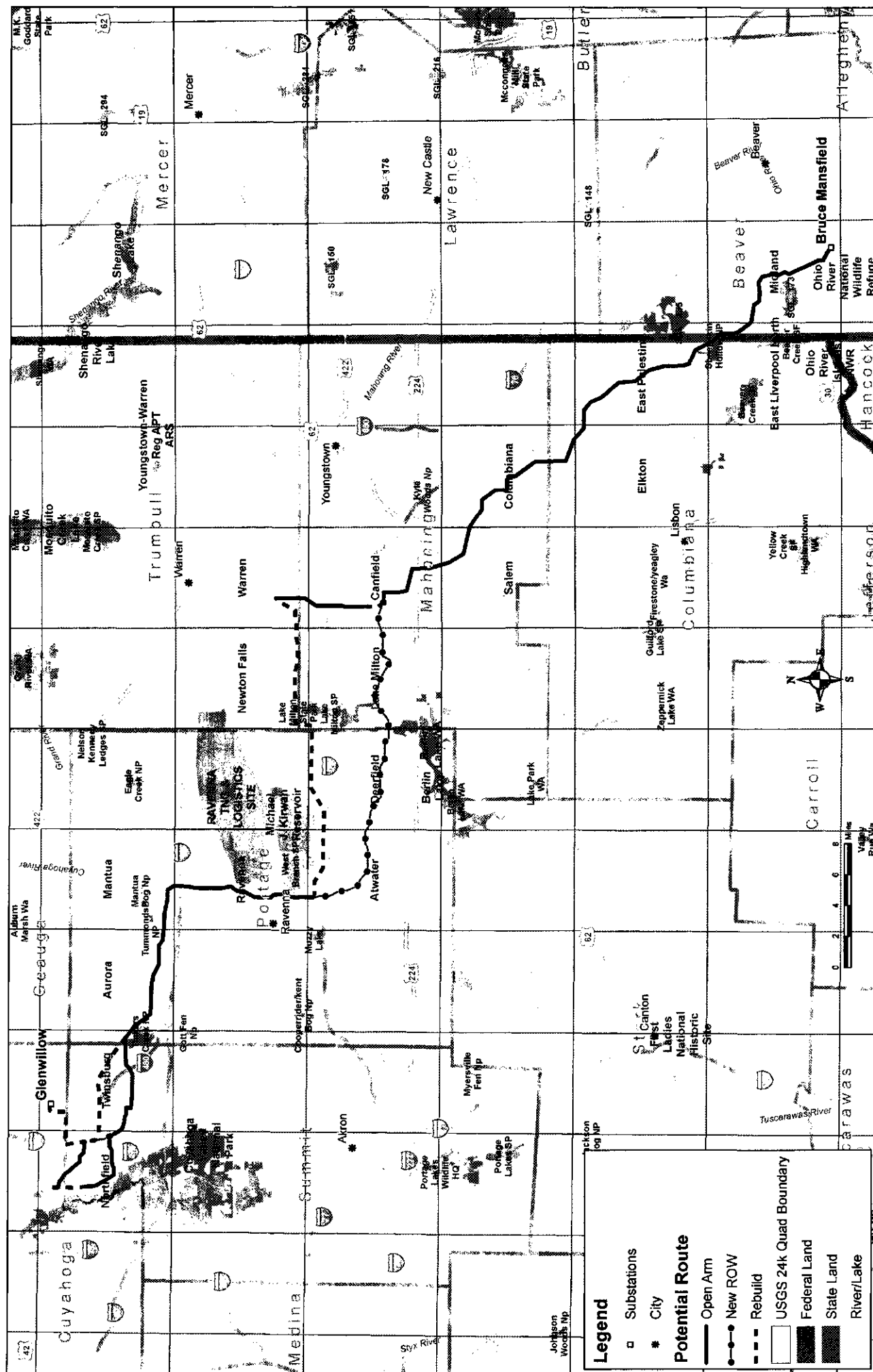








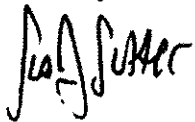
Tile 1



It is anticipated that much of the line will be installed on existing transmission structure "open arms" that were constructed originally with the expectation that an additional circuit would someday be needed. As a result, a second circuit can be installed without adding more structures or increasing the width of the existing, cleared right-of-way. The other segments of the proposed line are anticipated to be a combination of new construction and rebuilding existing lines to make them capable of accommodating an additional line. The attached map indicates the locations where open arms, rebuilt lines, or new right-of-way would be utilized. In areas where structures can be rebuilt, little if any new right-of-way is expected to be needed. New areas would require the acquisition and clearing of a new 150-foot-wide right-of-way. In both new and rebuilt areas, the transmission structures are expected to be steel poles approximately 130 to 175 feet tall. FirstEnergy intends to use existing access roads to the maximum extent practicable.

Please provide the requested information in writing and by email or fax at your earliest convenience to me at ssutter@louisberger.com or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you are able to provide the locations of any records you find during your review on a GIS shapefile for us, we would appreciate that as well. Note that a similar request has also been sent to ODNr's Division of Wildlife for input on resources under their jurisdiction. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

Sincerely,



Sue Sutter
Senior Environmental Scientist
The Louis Berger Group, Inc.

cc: Jay Ruberto, FirstEnergy

attachment



THE Louis Berger Group, INC.

May 25, 2012

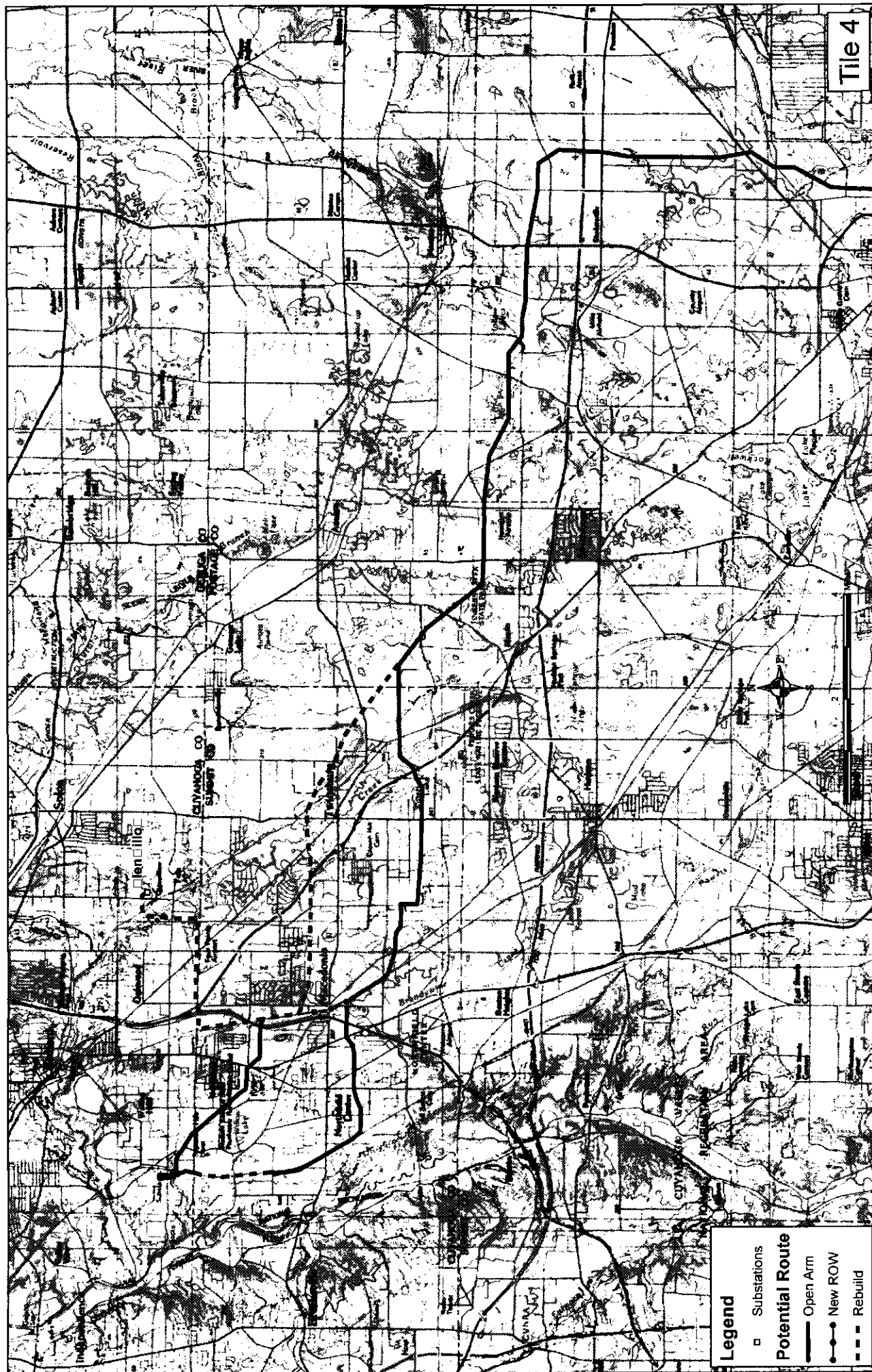
Chief, Division of Natural Areas and Preservation
Ohio Department of Natural Resources
Division of Natural Areas and Preservation
2045 Morse Road F-1
Columbus, Ohio 43229-6693

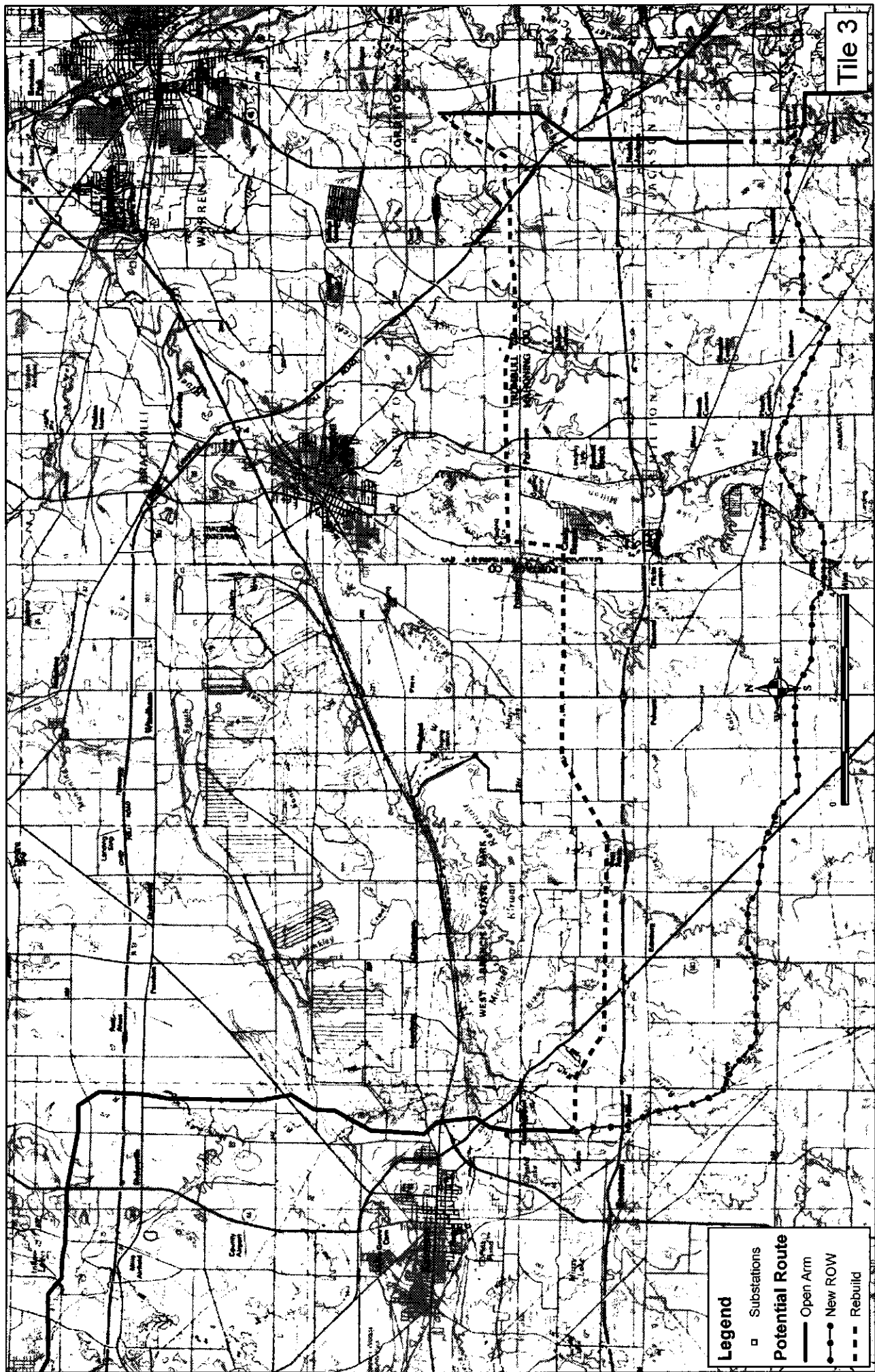
Re: Bruce Mansfield-Glenwillow 345 kV Transmission Line Project
Request for Project Review

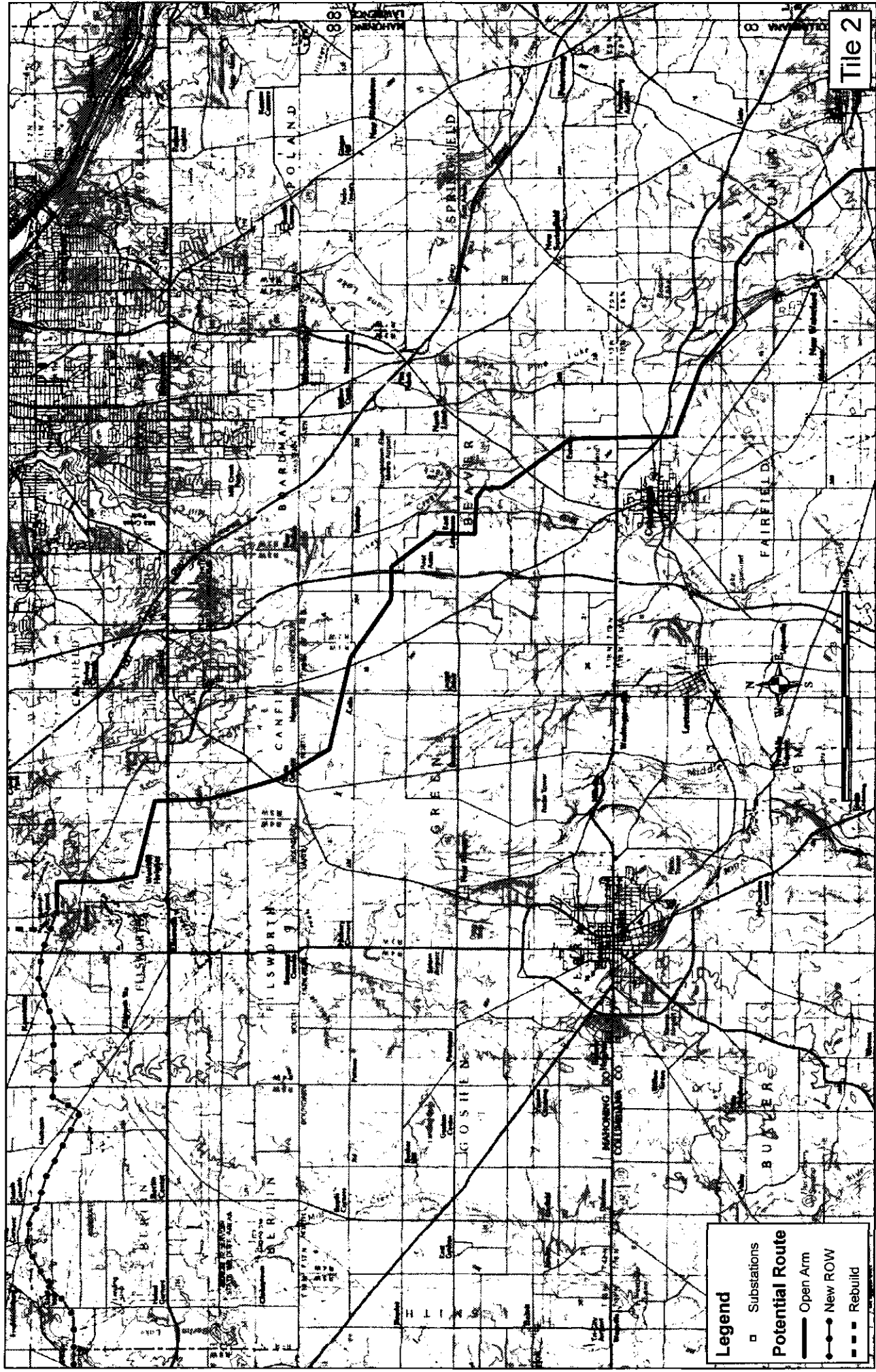
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The proposed project will consist of a new 345 kV transmission line and a new transmission substation. The transmission line will be approximately 110 miles in length depending upon the route chosen and connect the existing Bruce Mansfield Substation, operated by FirstEnergy affiliates, located along Shippingport Rd. in Shippingport, Beaver County, Pennsylvania, to a new transmission substation, named Glenwillow Substation, proposed to be located on a site in Glenwillow, Cuyahoga County, Ohio. To this end, FirstEnergy and its consultants have identified several potential routes for further consideration. These potential routes are shown in the attached figure. FirstEnergy respectfully requests that your agency provide a preliminary review for any rare or endangered species and their habitats that are known to occur, or that could potentially occur, in the vicinity of the potential routes being considered in the Ohio portion of the Project. Any additional information on other state resources under your jurisdiction in the vicinity of the potential routes, such as state scenic river or state nature preserves, would also be appreciated. Your input will be used to help FirstEnergy further evaluate the proposed routes in order to minimize potential impacts of the Project on the natural environment.

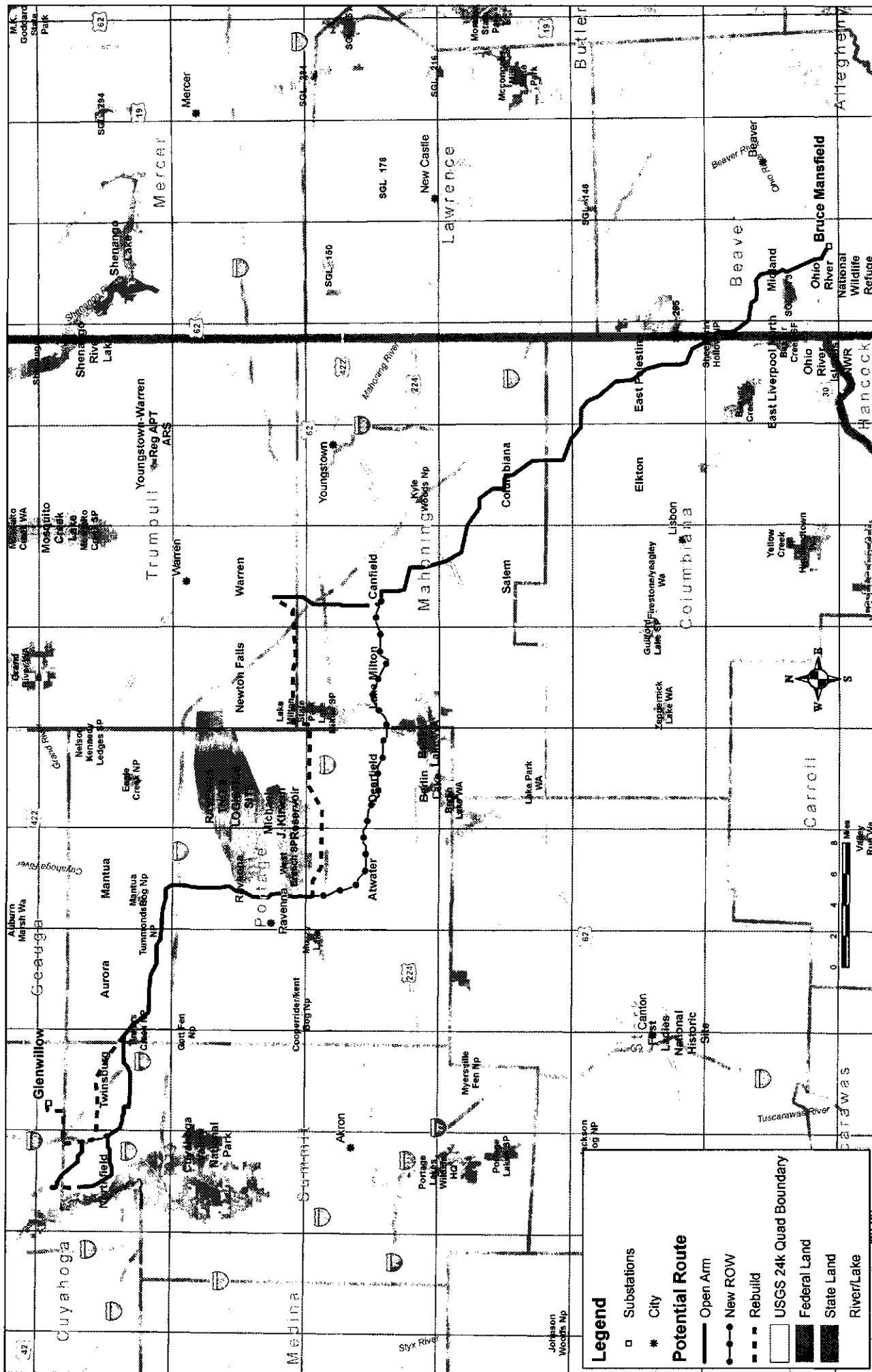
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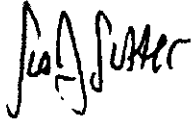




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Sue Sutter
Senior Environmental Scientist
The Louis Berger Group, Inc.

cc: Jay Ruberto, FirstEnergy

attachment



THE Louis Berger Group, INC.

May 25, 2012

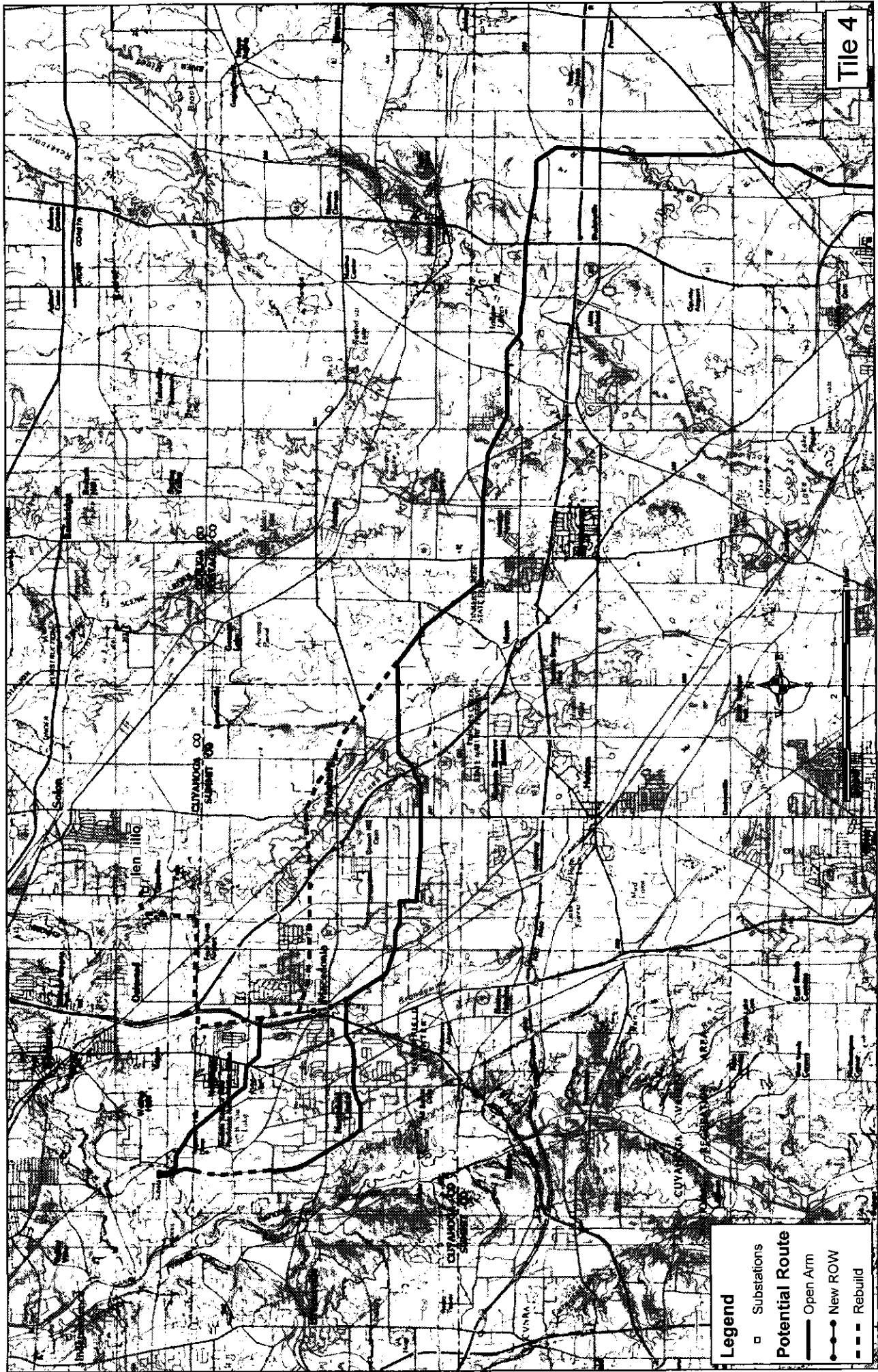
Chief, Division of Wildlife
Ohio Department of Natural Resources
Division of Wildlife
2045 Morse Road G-3
Columbus, Ohio 43229-6693

Re: Bruce Mansfield-Glenwillow 345 kV Transmission Line Project
Request for Project Review

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Tile 4

Legend

- Substations

Potential Route

- Open Arm
- New ROW
- - - Rebuild

