

# LETTER OF NOTIFICATION COLE 345/138 KV STATION PROJECT

Appendix A Project Maps  
June 30, 2016

## Appendix A Project Maps



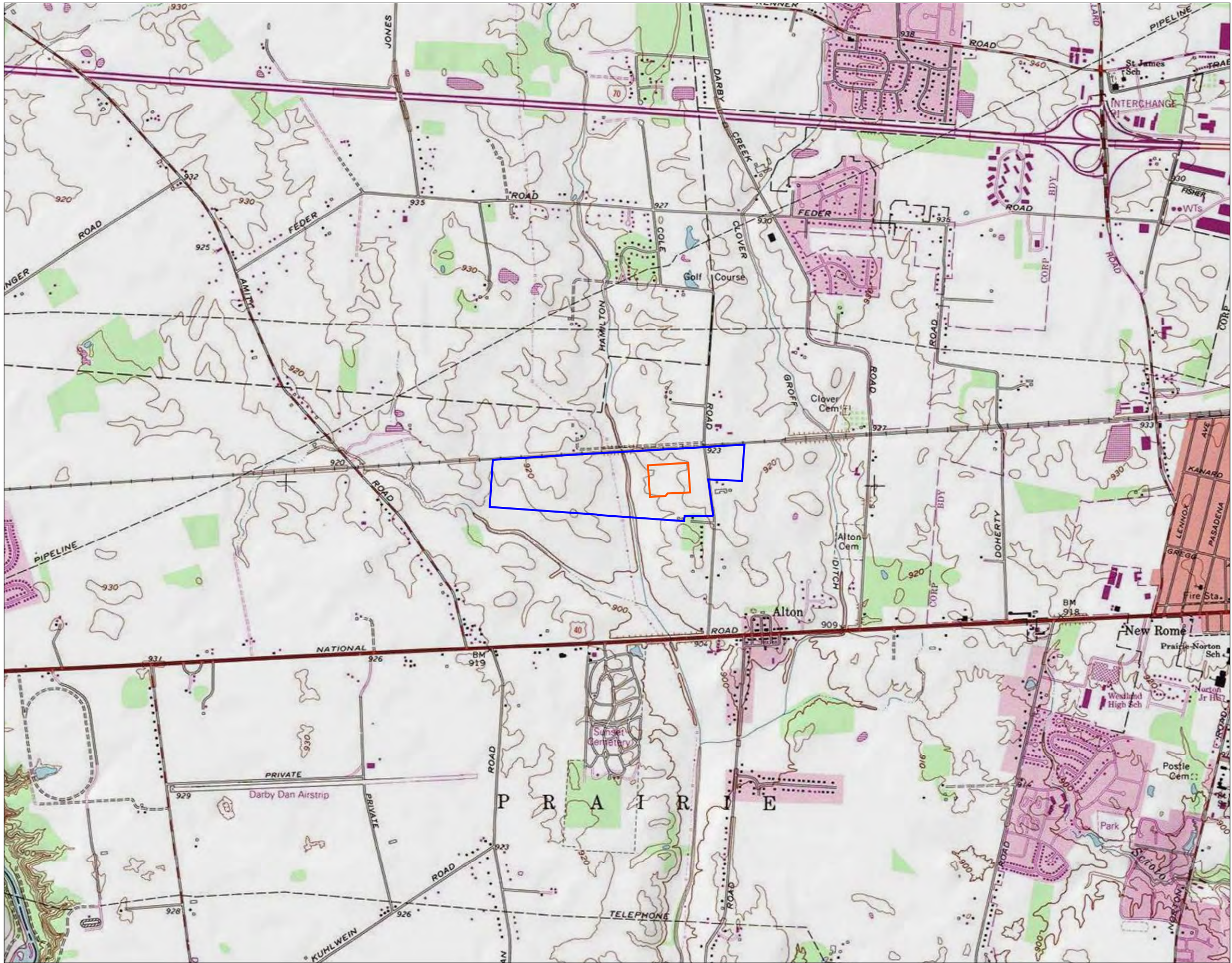


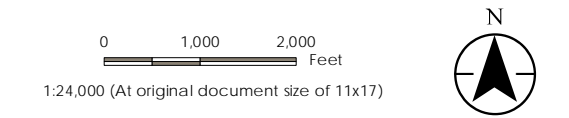
Figure No.  
1.1

Title  
Project Location Map

Client/Project  
American Electric Power  
Cole Substation

Project Location  
Township of Prairie,  
Franklin County, Ohio

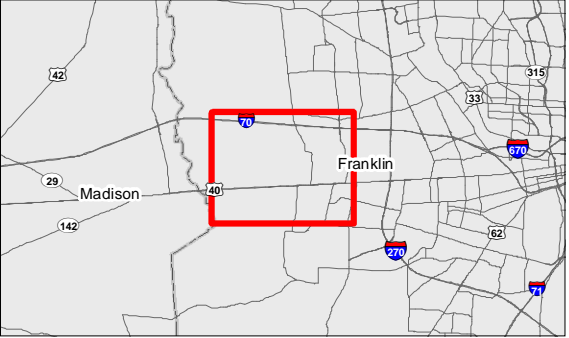
193704277  
Prepared by MCP on 2016-02-17  
Technical Review by BJ on 2016-05-31  
Independent Review by JB on 2016-06-01



Legend

Property Boundary

Proposed Fence Boundary



Notes

1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Data Sources Include: Stantec, AEP, NADS
3. Background: USGS 7.5' Topographic Quadrangles



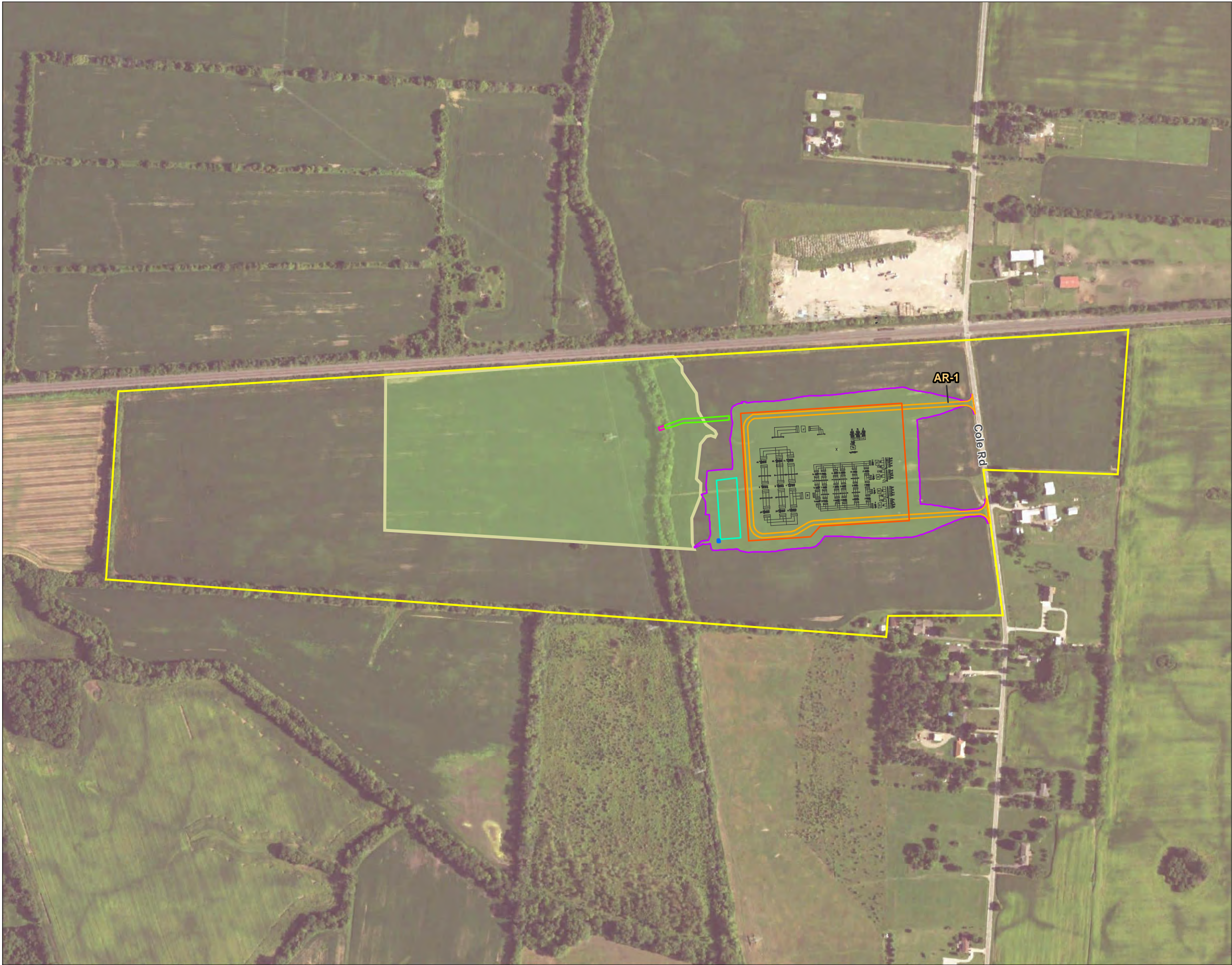


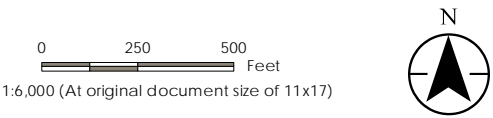
Figure No.  
**1.2**

Title  
**Project Layout Map**

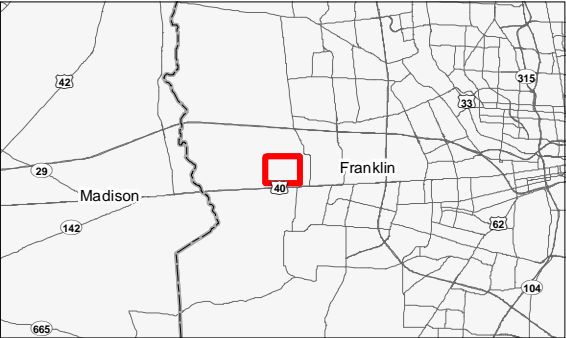
Client/Project  
**American Electric Power  
Cole Substation**

Project Location  
Township of Prairie,  
Franklin County, Ohio

193704277  
Prepared by MCP on 2016-02-17  
Technical Review by BJ on 2016-05-31  
Independent Review by JB on 2016-06-01



- Legend**
- Study Area
  - Proposed Fence Boundary
  - Proposed Access Road
  - Proposed Bridge
  - Temporary Drive
  - Proposed Detention Pond
  - Detention Pond Outlet Structure
  - Grading Limits - 17.99 Acres
  - Environmental Covenant - 30.57 Acres
  - Land to be Taken Out of Crop Production - 48.56 Acres



- Notes**
- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
  - Data Sources Include: Stantec, AEP, NADS
  - Orthophotography: 2015 NAIP







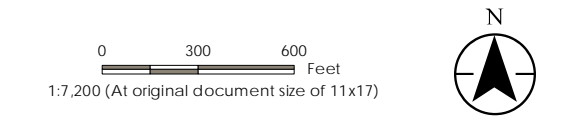
Figure No.  
**1.3**

Title  
**Land Use Map**

Client/Project  
**American Electric Power  
Cole Substation**

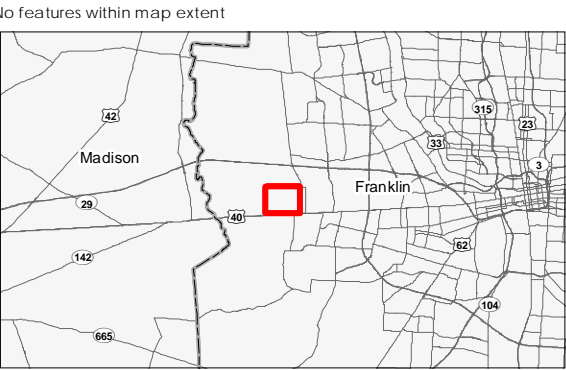
Project Location  
Township of Prairie,  
Franklin County, Ohio

193704277  
Prepared by MCP on 2016-02-17  
Technical Review by BJ on 2016-05-31  
Independent Review by JB on 2016-06-01



- Legend**
- Study Area
  - Proposed Fence Boundary
  - Residence
  - Cemetery\*
  - Grading Limits - 17.99 Acres
  - Environmental Covenant - 30.57 Acres
  - Land to be Taken Out of Crop Production - 48.56 Acres
  - Wetlands Reserve Program Property
  - Environmental Conservation Easement

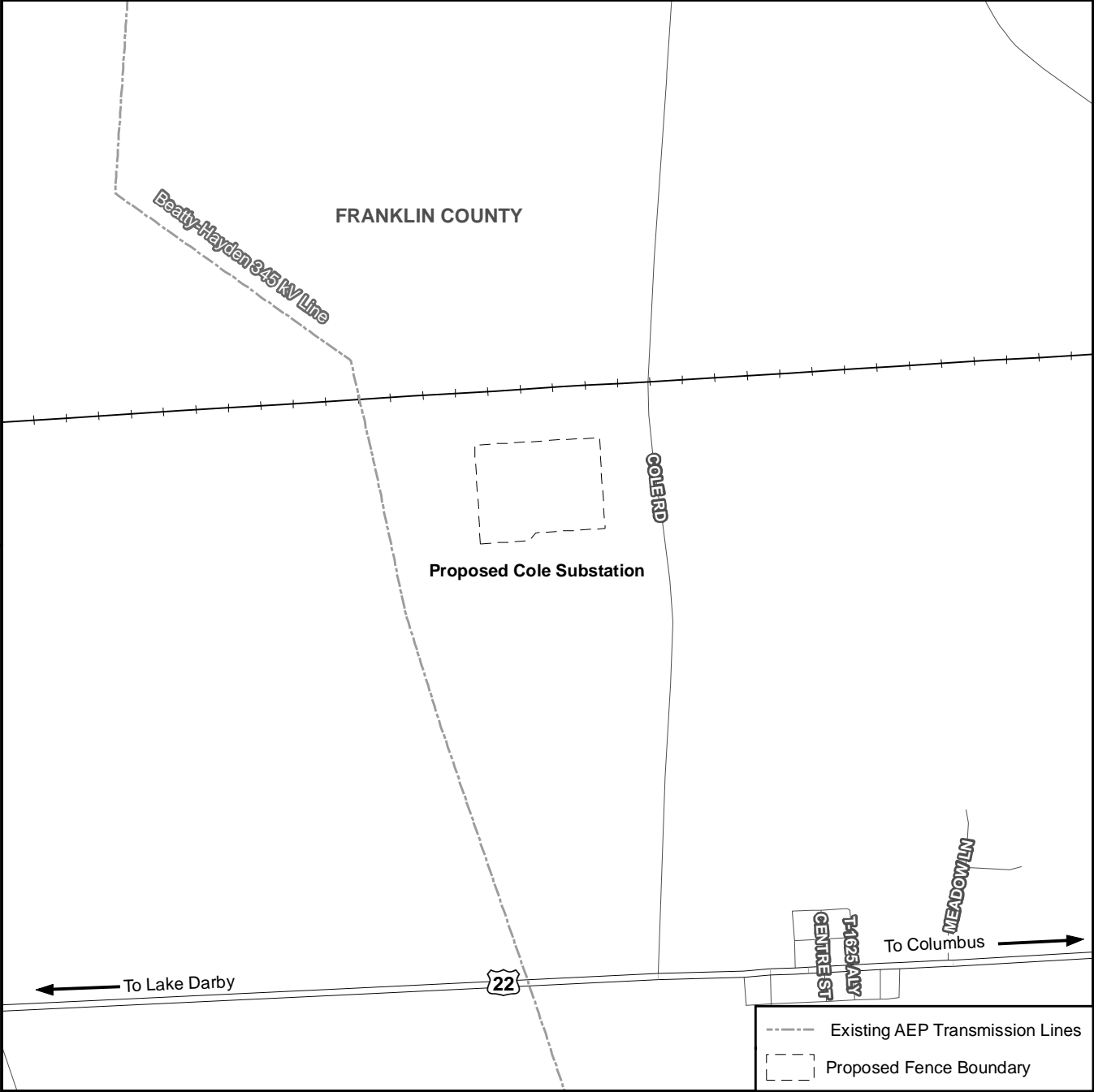
Land Use	
Open Water	Evergreen Forest
Developed, Open Space	Mixed Forest
Developed, Low Intensity	Shrub/Scrub
Developed, Medium Intensity	Herbaceous
Developed, High Intensity	Hay/Pasture
Barren Land	Cultivated Crops
Deciduous Forest	Woody Wetlands
	Emergent Herbaceous Wetlands



- Notes**
- Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
  - Data Sources Include: Stantec, AEP, NADS
  - Orthophotography: 2015 NAIP



Figure 1.4 - Existing AEP Facilities



# LETTER OF NOTIFICATION COLE 345/138 KV STATION PROJECT

Appendix B Project Design Drawings  
June 30, 2016

## **Appendix B Project Design Drawings**



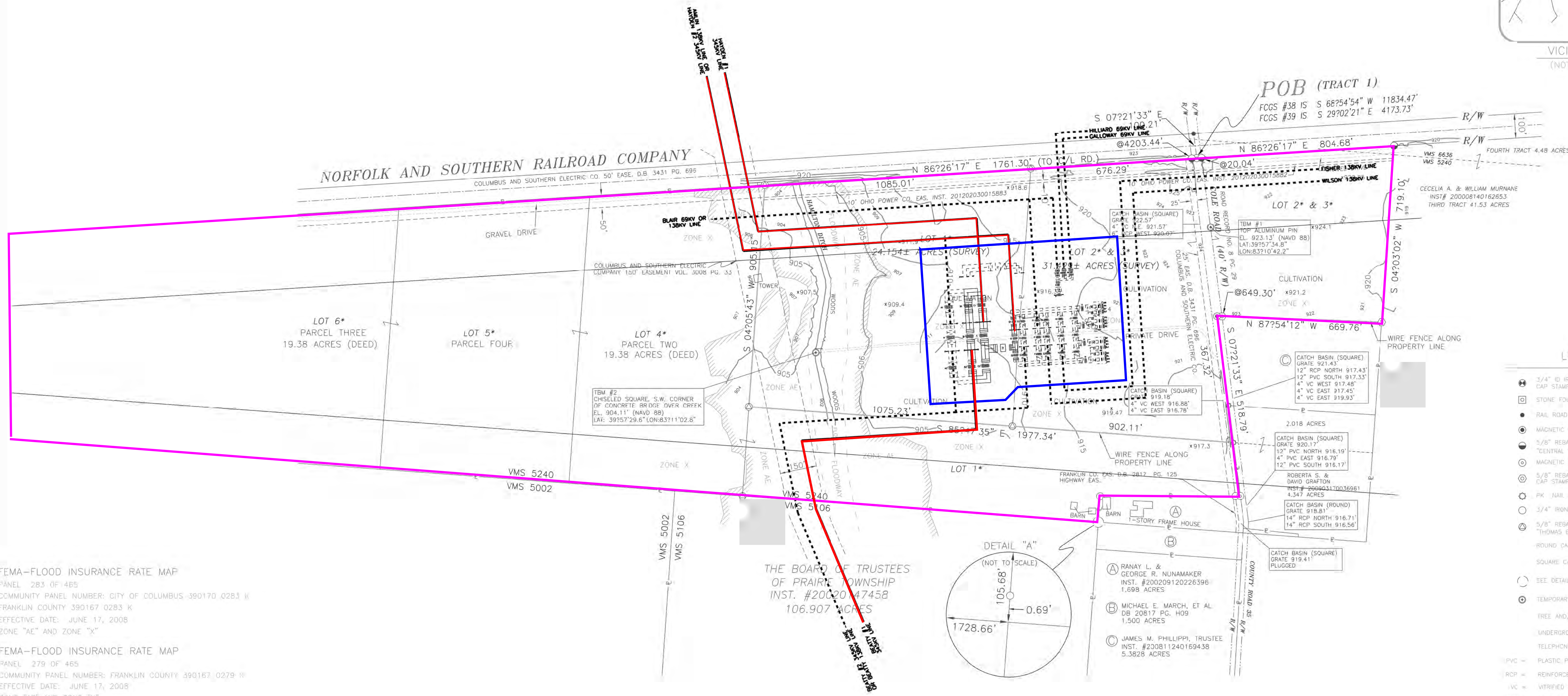
ALTA/ACSM LAND TITLE  
SURVEY

EXHIBIT "B"

TRACT 1  
55.583± ACRES  
(0.833± IN RD. R/W)



VICINITY MAP  
(NOT TO SCALE)



FEMA—FLOOD INSURANCE RATE MAP

PANEL 283 OF 465  
COMMUNITY PANEL NUMBER: CITY OF COLUMBUS 390170 0283 K  
FRANKLIN COUNTY 390167 0283 K  
EFFECTIVE DATE: JUNE 17, 2008  
ZONE "AE" AND ZONE "X"

FEMA—FLOOD INSURANCE RATE MAP

PANEL 279 OF 465  
COMMUNITY PANEL NUMBER: FRANKLIN COUNTY 390167 0279 K  
EFFECTIVE DATE: JUNE 17, 2008  
ZONE "AE" AND ZONE "X"

\* ORIGINAL PARTITION OF THE REAL ESTATE OF BENJAMIN GATTON, AS  
RECORDED IN COMPLETE RECORD NUMBER 44, PAGE 53

NOTE:  
SUBJECT TO ALL LEGAL STREETS, HIGHWAYS, RIGHT-OF-WAYS, ALLEYS,  
EASEMENTS, AGREEMENTS AND/OR CONDITIONS OF RECORD, IF ANY.

SITUATE:

SITUATED IN THE STATE OF OHIO, COUNTY OF FRANKLIN, TOWNSHIP OF  
PRAIRIE, BEING PART OF VMS 5240 AND VMS 6636, BEING ALL OF THE  
SAME LANDS CONVEYED TO GARY CHARLES SPRING (PAR. ID  
240-006626-00) AS RECORDED IN INSTRUMENT NUMBER  
200108220194916 AND ALL OF THE SAME LANDS CONVEYED TO GARY  
CHARLES SPRING, AS RECORDED IN OFFICIAL RECORD 30249 PAGE E17,  
(PAR. ID 240-001325-00), ALL REFERENCES CONTAINED HEREIN ARE  
TO FRANKLIN COUNTY RECORDER'S RECORDS, FRANKLIN COUNTY, OHIO

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE BEARING OF N 86°26'17" E FOR THE  
NORTHERLY LINE OF SAID SPRING LANDS (SOUTH LINE OF NORFOLK &  
SOUTHERN RAILROAD COMPANY) AS DETERMINED FROM COMPUTATION ON  
THE OHIO STATE PLANE COORDINATE SYSTEM, N.A.D. 83, OHIO SOUTH  
ZONE, 2007 ADJUSTMENT.

EASEMENTS LISTED ARE BASED ON COMMITMENT FOR TITLE AS PREPARED BY  
STEWART TITLE GUARANTY COMPANY COMMITMENT NO. 01032-3099, JUNE 06, 2012

OHIO POWER COMPANY	TRACT 1	EASEMENT	INST. 201202030015883	PLOTTED
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY	TRACT 2	EASEMENT	DEED BOOK 3008, PAGE 33	PLOTTED
OHIO POWER COMPANY	TRACT 2	EASEMENT	INST. 201202030015882	PLOTTED
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY	TRACTS 1&2	EASEMENT	DEED BOOK 3431, PAGE 696	PLOTTED

CERTIFICATION:

TO AEP OHIO TRANSMISSION COMPANY AND STEWART TITLE GUARANTY  
COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON  
WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011  
MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE  
SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS,  
AND INCLUDES ITEMS 1, 3-5, 8, 11(a), 11(b), AND 13 OF TABLE A  
THEREOF. THE FIELD WORK WAS COMPLETED ON JULY 20TH, 2012.

CENTRAL SURVEYING CO., LTD.

WILLIAM L. WILLIS  
willis001@aol.com  
P.S. NO. 7168

07/30/2012

Central Surveying Co., Ltd.  
7563 East Main Street  
Reynoldsburg, Ohio 43068

FOR: AEP OHIO TRANSMISSION COMPANY

ALTA/ACSM LAND SURVEY - 55.583± ACRES

LOCATED IN THE STATE OF OHIO, COUNTY OF FRANKLIN, TOWNSHIP OF PRAIRIE,  
VIRGINIA MILITARY SURVEY NO. 5240 & NO. 6636

Drawn By: ps Checked By: ww

Scale: 1"=200' Date: 07/30/12

File Name: AEP120603-ALTA-55.583 Drawing Number:

2012-0603



# NOTES:

1. FINISHED GRADE ELEVATIONS SHOWN WITHIN THE SUBSTATION PAD AND ALONG THE DRIVEWAYS REPRESENT THE TOP OF THE ODOT ITEM 304 MATERIAL. ADJUST ELEVATIONS ACCORDINGLY TO ESTABLISH SUBGRADE (EARTH) ELEVATIONS.
2. SEE DRAWING E-1302 FOR GENERAL NOTES.
3. TOPOGRAPHICAL AND BOUNDARY SURVEY WAS BASED ON DRAWING "AEP120603-ALTA-55.853" DATED 07/30/2012. TOPOGRAPHICAL AND BOUNDARY SURVEY WAS PERFORMED BY:

CENTRAL SURVEYING CO., LTD.  
7563 EAST MAIN STREET  
REYNOLDSBURG, OHIO 43068

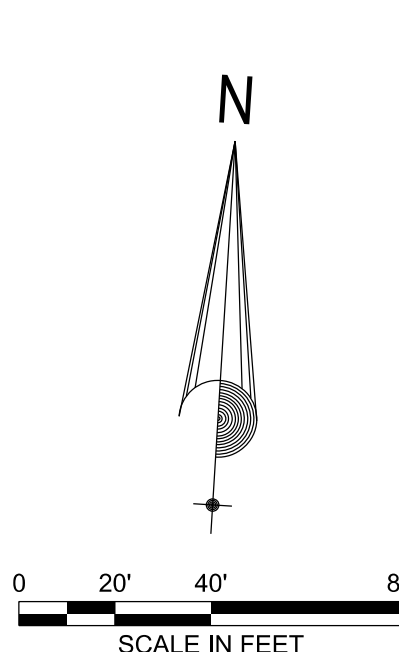
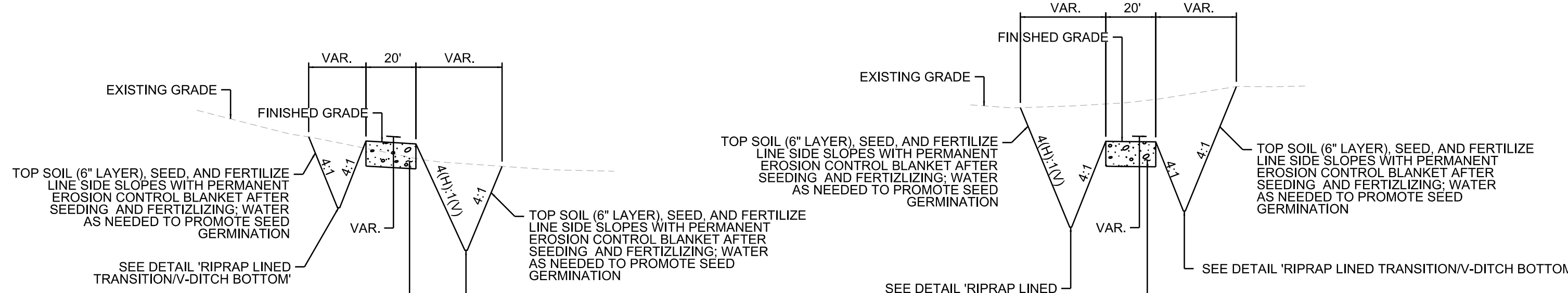
TOE OF BANK			
POINT	NORTHING	EASTING	ELEVATION
(1)	714063.44	1777131.66	904.75
(2)	714067.23	1777031.85	904.75
(3)	713757.81	1777050.49	904.75
(4)	713764.02	1777150.29	904.75

AQUATIC BENCH: CORNER COORDINATES			
POINT	NORTHING	EASTING	ELEVATION
(A)	714076.16	1777142.89	905.75
(B)	714067.68	1777135.40	905.75
(C)	714068.48	1777010.13	905.75
(D)	714069.97	1777027.81	905.75
(E)	713753.56	1777046.74	905.75
(F)	713745.08	1777039.26	905.75
(G)	713780.27	1777154.34	905.75
(H)	713752.79	1777163.02	905.75

TOP OF BANK COORDINATES			
POINT	NORTHING	EASTING	ELEVATION
(A)	714350.41	1777098.16	910.00
(B)	714068.33	1777171.91	910.67
(C)	714068.36	1777121.85	910.67
(D)	714094.58	1777122.02	910.67
(E)	714090.60	1776993.70	910.67
(F)	714086.86	1776997.94	910.67
(G)	713883.13	1777000.38	910.67
(H)	713883.38	1777000.38	910.67
(I)	713881.33	1777006.73	910.67
(J)	713881.57	1777010.72	910.67
(K)	713719.64	1777016.79	910.67
(L)	713729.86	1777020.54	910.67
(M)	713727.31	1777140.10	910.67
(N)	713731.46	1777142.30	910.67
(O)	713729.34	1777143.55	910.67
(P)	713721.06	1777143.76	910.00
(Q)	713729.09	1777147.21	910.00
(R)	713720.26	1777144.38	910.00
(S)	713714.80	1777155.51	910.00
(T)	713712.64	1777166.42	910.00
(U)	713710.49	1777177.34	910.00
(V)	713709.29	1777186.33	910.00
(W)	713721.44	1777506.54	910.00
(X)	713725.50	1777521.87	910.00
(Y)	713734.79	1777534.08	910.00
(Z)	713732.46	1777569.69	910.00
(AA)	713733.39	1777580.71	910.00

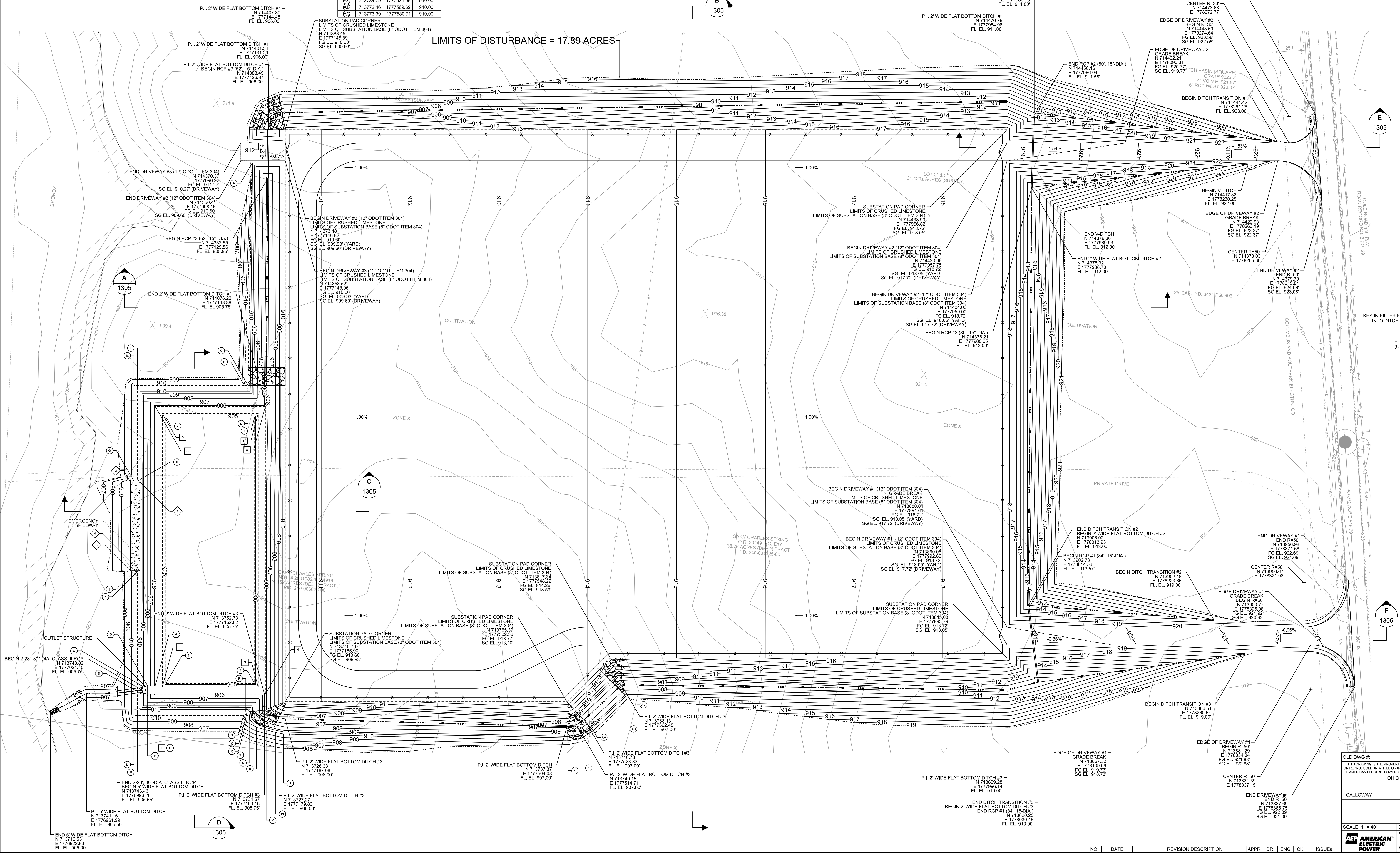
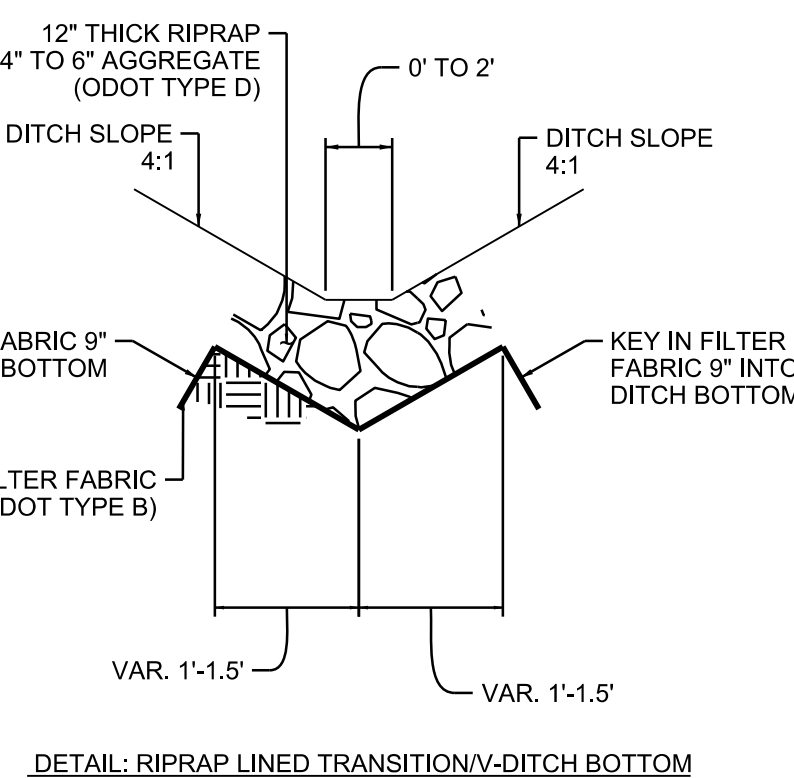
LIMITS OF EMERGENCY SPILLWAY			
POINT	NORTHING	EASTING	ELEVATION
(1)	713862.56	1777007.44	910.00
(2)	713881.88	1776996.46	910.00
(3)	713882.08	1777002.67	910.00
(4)	713882.76	1777013.65	910.00

OUTLET STRUCTURE LANDING			
POINT	NORTHING	EASTING	ELEVATION
(A)	713754.40	1777038.68	905.75
(B)	713754.80	1777045.00	905.75
(C)	713754.40	1777038.68	905.75
(D)	713745.08	1777039.26	905.75
(E)	713745.48	1777045.58	905.75
(F)	713745.08	1777039.26	905.75



## LEGEND

	EXISTING	PROPOSED
CHAIN LINK FENCE		---
CONTOUR	---	---
CULVERT		---
EASEMENT		---
FEMA FLOOD ZONE		---
FEMA FLOWLINE		---
FLOW LINE		---
EDGE OF ROAD		---
GRADE BREAK		---
GRAVEL ROAD		---
LIMITS OF CONSTRUCTION		---
OVERHEAD ELECTRIC		---
PROPERTY LINE		---
RAILROAD		---
RIPPAP (TYPE D)		---
R.O.W.		---
TELEPHONE		---
TOP OF SLOPE/ TOP OF BANK		---
EDGE OF WATER		---
VEGETATION LINE		---

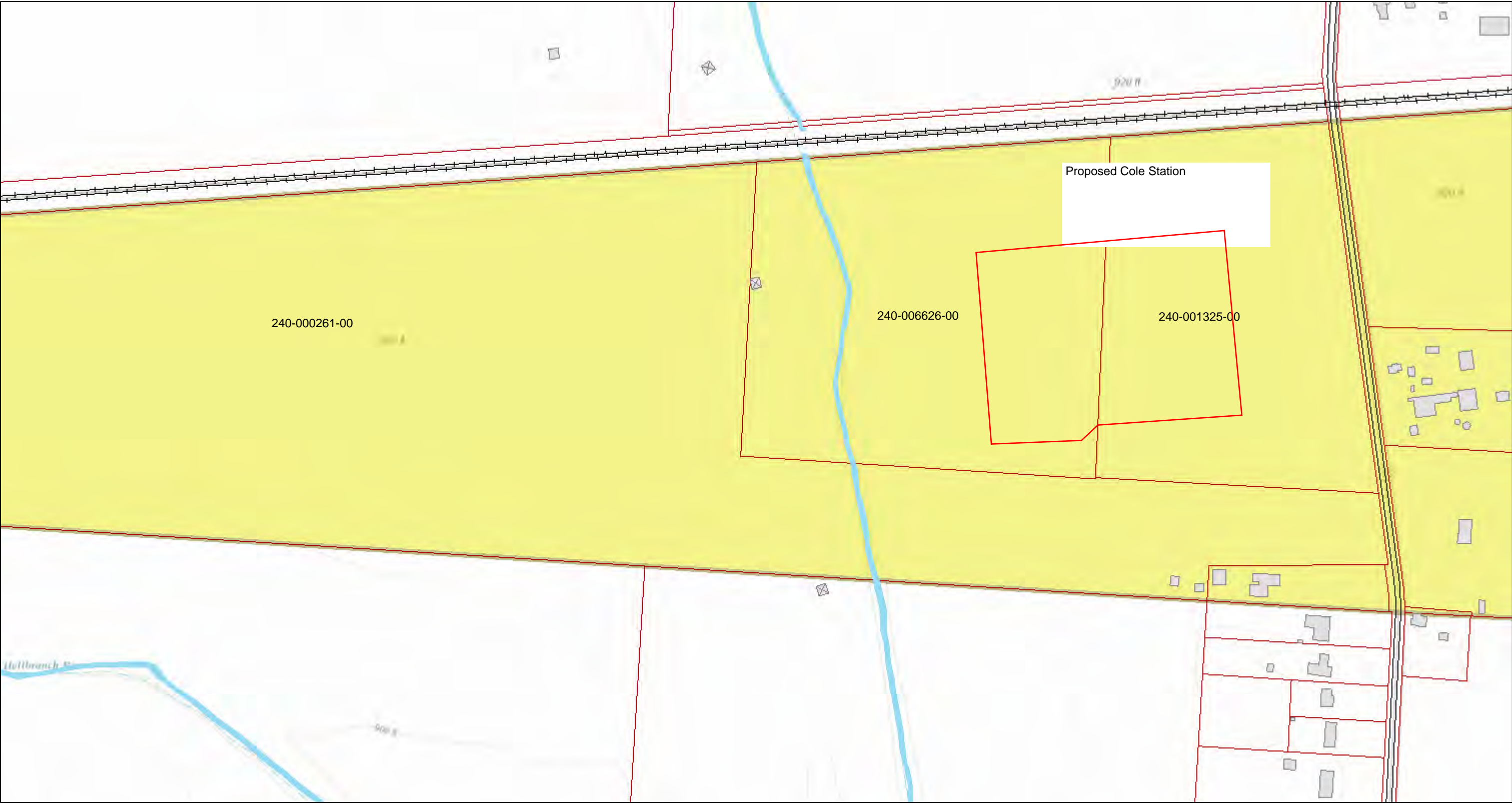


**BURNS MEDONNELL**  
ENGINEERING LICENSE #1057  
**FOR CONSTRUCTION**

OLD DWG #:	STD DWG #:
GALLOWAY	COLE SUBSTATION
345/138V	OHIO
DR: MCA	ENG: MCA
WOP: 42265983	APPD: DATE: 03/16/16
1 RIVERSIDE PLAZA COLUMBUS, OH 43215	DWG. NO. E-1304
SCALE: 1" = 40'	NO. DATE REVISION DESCRIPTION APPR DR ENG CK ISSUE#

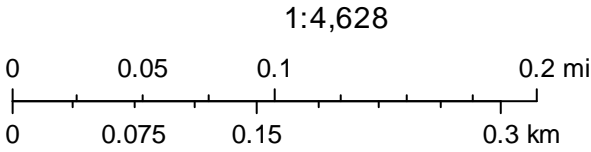


# Franklin County Auditors Office



June 29, 2016

- Railroads
- Building Footprints
- Pavement
- Creeks & Streams
- Waterbodies
- ⋯ Tax Parcel
- Subdivision
- Condominium



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**8/10/2016 4:11:56 PM**

**in**

**Case No(s). 16-1558-EL-BLN**

Summary: Letter of Notification - Part 2 of 7 electronically filed by Mrs. Erin C Miller on behalf of AEP Ohio Transmission Company