RIGHT-OF-WAY

TRACT NUMBERS

OH-COL-008.0000	OH-COL-007.0000-RD	OH-COL-006.0000	OH-COL-005.0000	OH-COL-005.0100	OH-COL-005.0000	OH-COL-003.0000	OH-COL-004.0000-RD	OH-COL-003.0000	OH-COL-002.0000-RD	OH-COL-001.0000
275 FT.	61 FT.	108 FT.	721 FT.	361 FT.	178 FT.	1344 FT.	96 FT.	224 FT.	59 FT.	1253 FT.
16.7 RODS	3.7 RODS	6.5 RODS	43.7 RODS	21.9 RODS	10.8 RODS	81.5 RODS	5.8 RODS	13.6 RODS	3.6 RODS	75.9 RODS
0+00	2+75	3+36	4+44	11+65	15+26	17+04	30+48	31+44	33+68	34+27	46+80

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 0+00 PI – BEGIN

STA. 2+75 POWERLINE
STA. 2+79 POWERLINE
STA. 2+93 ROAD EDGE
STA. 3+04 GRAVEL CR 842
STA. 3+36 CENTERLINE
STA. 3+67 MUNICIPALITY LINE

STA. 6+80 PI – 22°30'0" LT

STA. 9+09 PI – 22°28'59" RT

STA. 12+11 PI – 30°0'0" RT

STA. 14+55 PI – 52°29'59" RT

STA. 16+43 PI – 29°59'59" LT

STA. 18+42 PI – 20°27'34" LT

STA. 26+71 PI – 15°24'32" LT

STA. 27+42 PI – 30°54'8" LT

STA. 30+27 GAS PL
STA. 30+51 POWERLINE.
CLEARANCE 22 FT.
STA. 30+56 TOP BANK
STA. 30+70 TOE BANK
STA. 30+72 ROAD EDGE
STA. 30+79 GRAVEL HAGAN
ROAD CENTERLINE
STA. 30+89 ROAD EDGE
STA. 30+92 TOE BANK
STA. 31+08 TOP BANK
STA. 32+99 PI – 12°45'58" LT
STA. 33+71 TOP BANK
STA. 33+88 TOE BANK
STA. 33+89 ROAD EDGE
STA. 33+95 PAVED. TUNNEL
HILL ROAD CENTERLINE
STA. 34+07 POWERLINE.
CLEARANCE 22 FT.
STA. 35+45 GAS PL
STA. 35+58 PI – 18°13'53" RT

STA. 37+10 PI – 60°0'0" RT

STA. 43+18 PI – 16°7'52" LT

STA. 46+80 PI – END

CLASS LOCATION

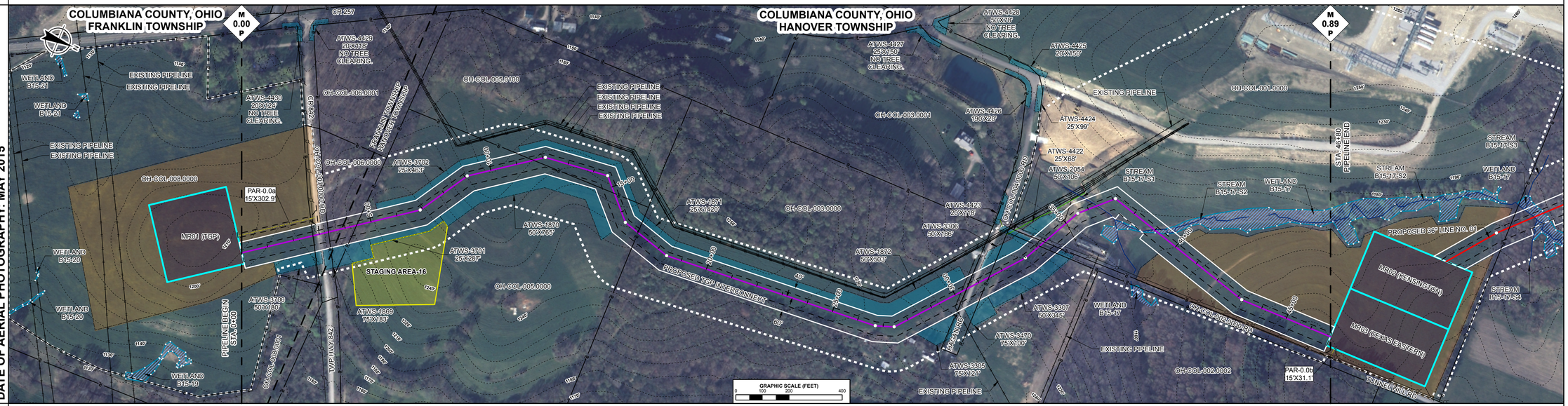
Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST
- PROPOSED NEXUS PIPELINE
- INTERCONNECTING PIPELINE TO TGP
- CONSTRUCTION LIMIT
- STUDY CORRIDOR
- STAGING AREA
- WAREYARD
- PERMANENT ROW
- ADDITIONAL TEMPORARY WORKSPACE
- METERING & REGULATION STATION (M&R) SITE
- COMPRESSOR STATION SITE
- FACILITIES TEMPORARY WORKSPACE
- FACILITIES PERMANENT WORKSPACE
- DELINEATED WETLAND BOUNDARY
- DELINEATED WATERBODY BANK
- DELINEATED WATERBODY CENTERLINE
- APPROXIMATE WETLAND BOUNDARY
- APPROXIMATE WATERBODY BANK
- APPROXIMATE WATERBODY CENTERLINE
- PERMANENT ACCESS ROAD (PAR-0.0)
- TEMPORARY ACCESS ROAD (TAR-0.0)
- PROPERTY LINE
- CONTOUR
- MUNICIPALITY LINE
- FENCE
- FOREIGN PIPELINE
- POWERLINE
- WATER PIPELINE
- RAILROAD TRACK
- TELEPHONE LINE
- TEE TAP
- UTILITY LINES
- BLOW OFF VALVE
- MAINLINE VALVE (MLV)
- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 39+30 CENTERLINE OF STREAM B15-17-S2 TRIBUTARY TO BRUSH CREEK

STA. 39+65 WETLAND B15-17 ENTER

STA. 39+98 CENTERLINE OF STREAM B15-17-S2 TRIBUTARY TO BRUSH CREEK

STA. 39+65 WETLAND B15-17 EXIT

E & S TYPICALS

E&S TYPICALS WILL BE USED AS A PLAN AND WILL HAVE FURTHER INPUT FROM ENVIRONMENTAL INSPECTOR.

PROFILE

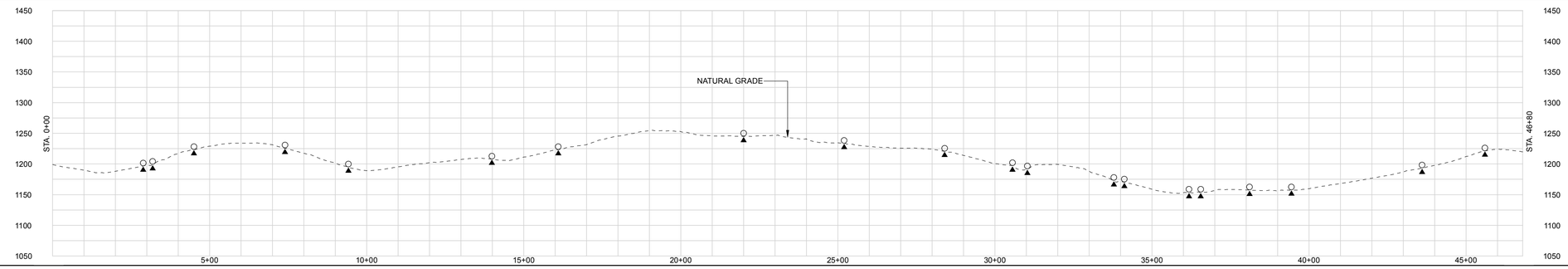
THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD.

SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
15-30%	200 FT	5-15%	300 FT
> 30%	100 FT	15-30%	200 FT
		> 30%	100 FT

IN AG FIELDS AND RESIDENTIAL AREAS WHERE SLOPE BREAKERS ARE NOT TYPICALLY REQUIRED, INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED. (FERC PLAN)



LAND USE CLASSIFICATION

AG AGRICULTURAL; OL OPEN LAND; I/C INDUSTRIAL/COMMERCIAL; F/W FOREST/WOODLAND; R RESIDENTIAL; OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

0+00	OH-CO-001.0000 271 FT. 16.4 RODS	2+71	OH-CO-002.0000 1546 FT. 93.7 RODS	18+17	OH-CO-003.0000 1475 FT. 89.4 RODS	32+92	OH-CO-004.0000 537 FT. 32.5 RODS	38+29

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 0+00 PI = BEGIN
STA. 2+17 PI = 6°37'22" RT
STA. 10+18 PI = 44°59'59" RT
STA. 18+01 GAS PL
STA. 18+50 PI = 89°59'59" LT

CLASS LOCATION

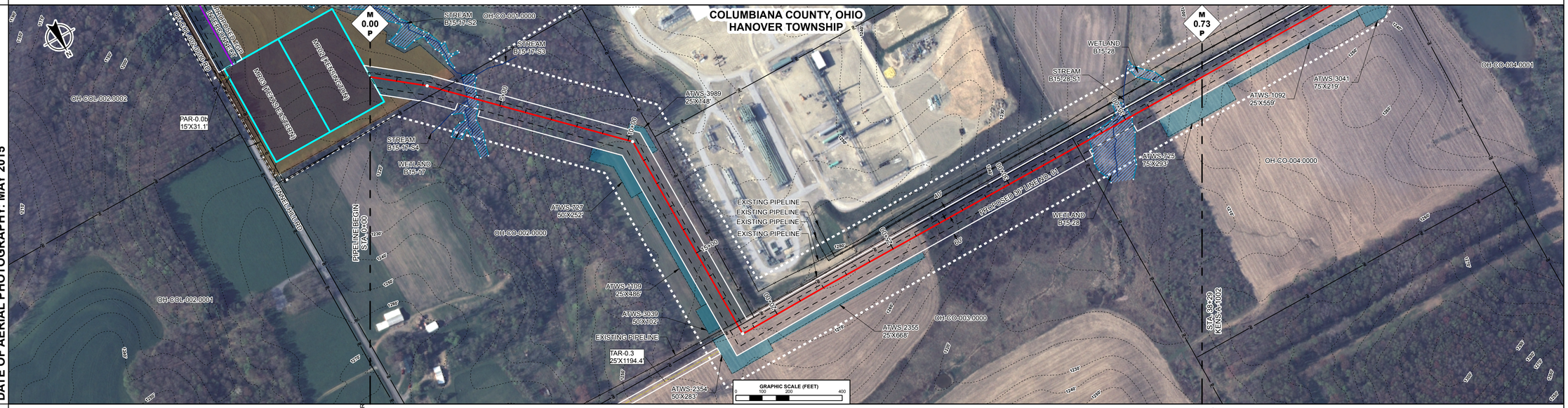
Class 1	Class 2	Class 3	Class 2	Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST
- PROPOSED NEXUS PIPELINE
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- TEMPORARY ACCESS ROAD (TAR-0.0)
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- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 3+49 WETLAND B15-17 ENTER
STA. 3+70 CENTERLINE OF STREAM B15-17-S2 TRIBUTARY TO BRUSH CREEK
STA. 4+28 WETLAND B15-17 EXIT
STA. 33+36 WETLAND B15-28 ENTER
STA. 34+50 CENTERLINE OF STREAM B15-28-S1 TRIBUTARY TO SANDY CREEK
STA. 35+26 WETLAND B15-28 EXIT

E & S TYPICALS

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PROFILE

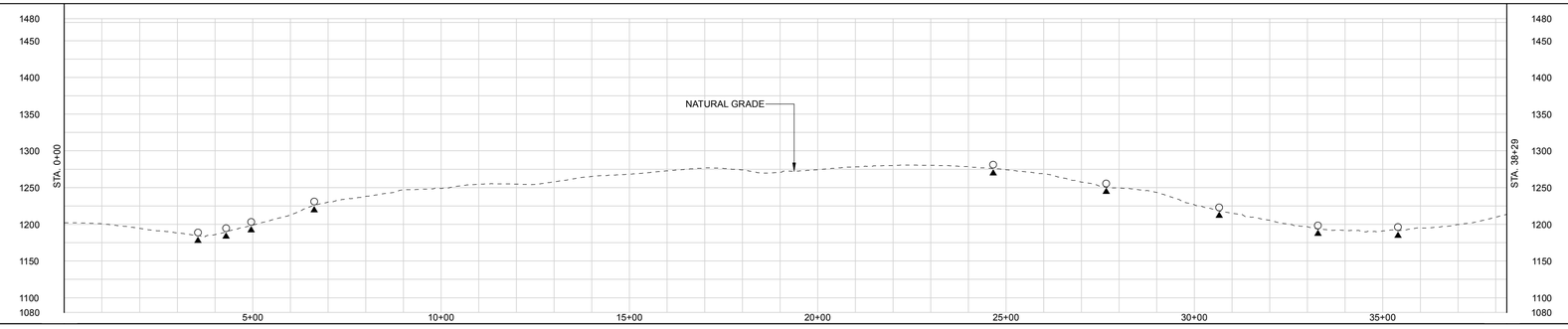
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LAND USE CLASSIFICATION

AG	AGRICULTURAL	OL	OPEN LAND	I/C	INDUSTRIAL/COMMERCIAL
F/W	FOREST/WOODLAND	R	RESIDENTIAL	OW	OPEN WATER

SOILS																							
LAND USE	AG	AG	F/W	OW	F/W	AG	OL								OW	OL	AG						
% SLOPE	< 5%		5-15%		< 5%		5-15%	< 5%	5-15%	< 5%	5-15%				< 5%			5-15%					

P:\09_UPSTREAM_PIPELINE\260K_GIS\TurboRoute NEXUS PROPOSED MAINLINE PIPELINE 001 of 27ft.pdf - PLOT TIME: 2015-09-11 14:22:47

DWG. NO.	DESCRIPTION
APPENDIX IA-3	OTHER ABOVEGROUND FACILITY PLOT PLAN DRAWINGS

REFERENCE DRAWINGS

REV	DSN	CK	DESCRIPTION
0B			ISSUED FOR FERC FILING (11/2015)
0A			ISSUED FOR FERC FILING (11/2015)
0			ISSUED FOR FERC FILING (11/2015)

REVISIONS

ITEM	DESCRIPTION	QTY

MATERIALS

GENERAL NOTES:

1.) ALL STATIONING IS IN U.S. FEET.

2.) CONTOUR LINES AND ELEVATIONS ARE IN U.S. FEET.

ENGINEERING APPROVALS

DRAWN BY:	BID		CONSTRUCTION	
NAME	SIGNATURE	DATE	SIGNATURE	DATE

KENS - HANO
NEXUS PROJECT
PROPOSED 36" LINE NO. 01
ALIGNMENT SHEET

LOC. COLUMBIANA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	KENS-A-1001	REV. 0B

RIGHT-OF-WAY

TRACT NUMBERS

38+29		45+36		53+84	55+74	56+39	61+43		68+97	70+63
OH-CO-004.0000		OH-CO-005.0000		OH-CO-006.0000	OH-CO-007.0000-RD	OH-CO-008.0000		OH-CO-009.0000	OH-CO-010.0000	
707 FT.		848 FT.		190 FT.	65 FT.	504 FT.		754 FT.	166 FT.	
42.8 RODS		51.4 RODS		11.5 RODS	3.9 RODS	30.5 RODS		45.7 RODS	10.1 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 44+87 PI – 45°00'0" LT
STA. 45+50 GAS PL
STA. 45+66 GAS PL
STA. 46+01 GAS PL
STA. 46+61 GAS PL

STA. 47+54 PI – 45°00'0" RT
STA. 48+62 FENCE

STA. 50+62 TOP BANK
STA. 50+64 TOE BANK
STA. 50+72 TOE BANK
STA. 50+75 TOP BANK

STA. 52+98 PI – 20°56'43" LT
STA. 53+85 FENCE

STA. 55+72 TOE BANK
STA. 55+78 TOP BANK
STA. 55+84 POWERLINE. CLEARANCE 20 FT.
STA. 56+90 ROAD EDGE
STA. 56+96 CENTERLINE MECHANICSTOWN RD
STA. 57+02 ROAD EDGE
STA. 58+18 TOE BANK
STA. 58+25 TOP BANK
STA. 58+55 PI – 17°23'4" LT

STA. 65+06 PI – 22°29'59" RT

STA. 69+34 POWERLINE. CLEARANCE 44 FT.
STA. 69+40 FENCE LINE. CLEARANCE 44 FT.

CLASS LOCATION

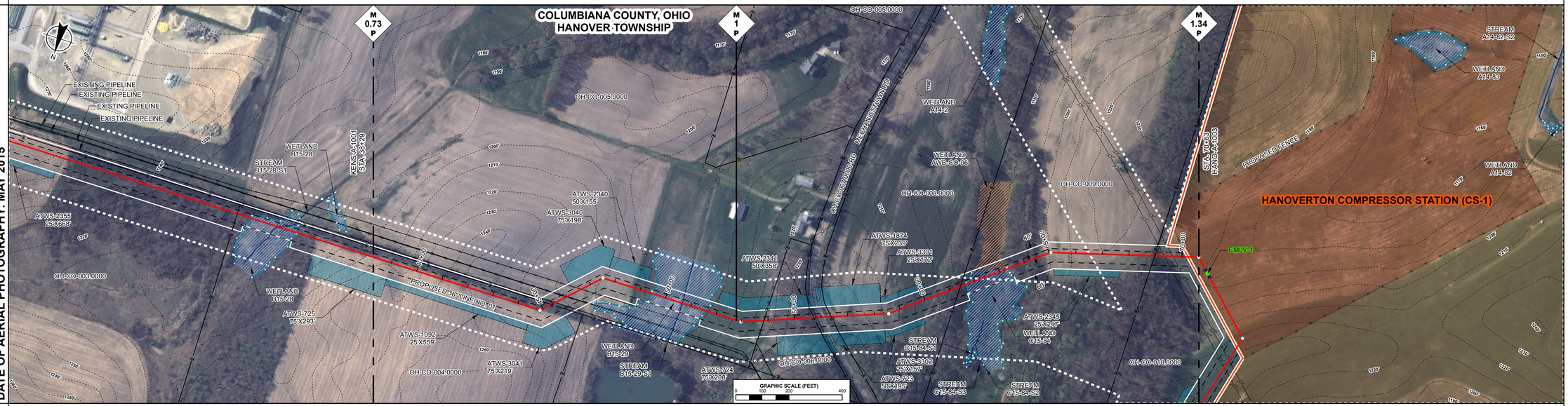
Class 1 | Class 2 | Class 1

PIPE MATERIAL

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- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 49+39 WETLAND B15-29 ENTER
STA. 50+63 CENTERLINE OF STREAM B15-29-S1 TRIBUTARY TO SANDY CREEK
STA. 51+71 WETLAND B15-29 EXIT
STA. 61+63 WETLAND C15-84 ENTER
STA. 62+07 WETLAND AWB-CO-06 ENTER
STA. 63+33 WETLAND AWB-CO-06 EXIT
STA. 63+40 WETLAND C15-84 EXIT

E & S TYPICALS

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PROFILE

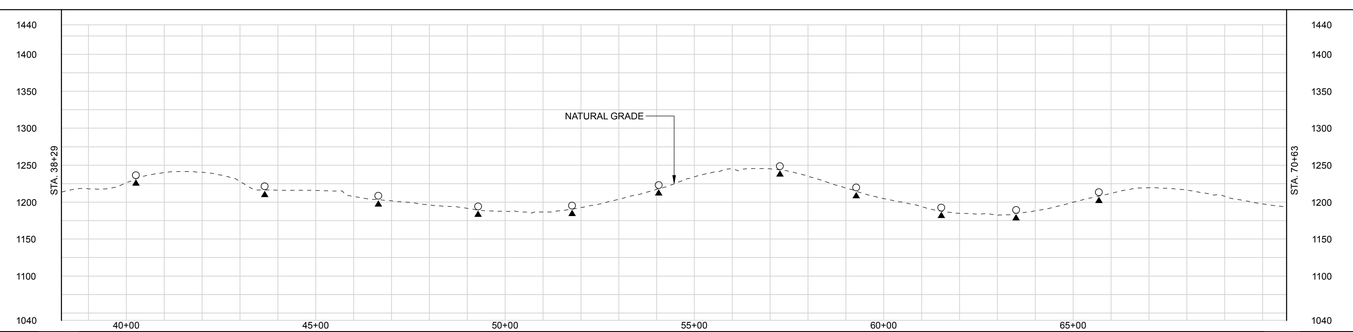
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TRENCH PLUG ▲

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		> 30%	100 FT

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LAND USE CLASSIFICATION

AG AGRICULTURAL | OL OPEN LAND | I/C INDUSTRIAL/COMMERCIAL
F/W FOREST/WOODLAND | R RESIDENTIAL | OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

70+63 — **OH-CO-010.0000** — 1040 FT. — 63.0 RODS — 81+03

81+03 — **OH-CO-011.0000** — 1375 FT. — 83.3 RODS — 94+78

94+78 — **OH-CO-012.0000** — 391 FT. — 23.7 RODS — 98+69

98+69 — **OH-CO-013.0000** — 743 FT. — 45.0 RODS — 106+12

106+12 — **OH-CO-014.0000** — 5 FT. — 0.3 RODS — 106+17

106+17 — **OH-CO-015.0000-RD** — 62 FT. — 3.8 RODS — 106+79

106+79 — **OH-CO-016.0000** — 866 FT. — 52.5 RODS — 115+45

115+45 — **OH-CO-017.0000-RD** — 70 FT. — 4.2 RODS — 116+15

116+15 — **OH-CO-018.0000** — 25 FT. — 1.5 RODS — 116+40

116+40 — **OH-CO-019.0000** — 423 FT. — 25.6 RODS — 120+63

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 70+63 PI – 89°50'48" RT
STA. 71+33 CMLV-1

STA. 74+09 PI – 60°00'0" RT
STA. 75+07 POWERLINE, CLEARANCE 70 FT.
STA. 75+39 POWERLINE, CLEARANCE 70 FT.

STA. 80+72 PI – 6°8'8" LT

STA. 84+77 PI – 14°4'5" LT
STA. 85+28 UNK PL

STA. 87+18 PI – 89°59'59" LT

STA. 92+06 PI – 90°39'38" RT
STA. 92+11 DIRT, UNK CENTERLINE
STA. 92+11 DIRT, UNK CENTERLINE
STA. 92+33 FENCE

STA. 93+07 DRIVEWAY EDGE
STA. 94+05 DRIVEWAY CENTERLINE
STA. 94+27 DRIVEWAY EDGE

STA. 95+65 UNK PL

STA. 96+54 PI – 22°30'0" RT
STA. 97+56 UNK PL

STA. 98+98 PI – 9°41'1" RT

STA. 102+12 PI – 4°38'33" RT

STA. 104+58 PI – 4°47'13" RT
STA. 106+54 PI – 4°8'0" LT
STA. 106+22 POWERLINE, CLEARANCE 15 FT.
STA. 106+25 DRIVEWAY EDGE
STA. 106+38 ROAD EDGE
STA. 106+46 RAMP TO US 30
STA. 106+62 ROAD EDGE
STA. 106+64 POWERLINE, CLEARANCE 15 FT.
STA. 106+78 TOE BANK
STA. 106+93 TOE BANK
STA. 107+03 TOE BANK
STA. 107+15 TOE BANK
STA. 107+27 TOE BANK
STA. 107+42 TOE BANK
STA. 107+55 TOP BANK

STA. 113+46 PI – 9°16'47" RT

STA. 115+52 POWERLINE, CLEARANCE 20 FT.
STA. 115+54 DITCH, DEPTH 0 FT, CENTERLINE
STA. 115+69 ROAD EDGE
STA. 115+79 GRAVEL CAMPBELL RD
STA. 115+85 ROAD EDGE
STA. 115+90 ROAD EDGE
STA. 115+95 TOP BANK
STA. 116+04 DITCH, DEPTH 0.0 FT, CENTERLINE
STA. 116+10 TOP BANK
STA. 116+25 TOP BANK
STA. 116+37 TOP BANK
STA. 117+38 GAS PL
STA. 117+45 TANK BATTERY
STA. 117+74 TOP BANK
STA. 117+98 PI – 17°29'33" LT
STA. 119+13 TEE TAP: DEO TPL 15 TAP

CLASS LOCATION

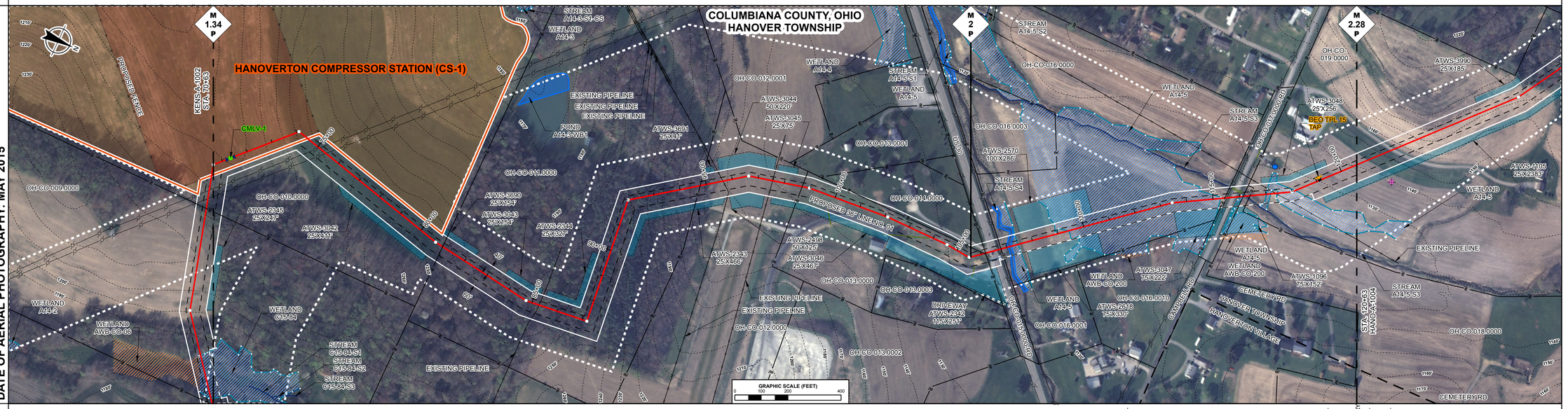
Class 1 | Class 2

PIPE MATERIAL

ALIGNMENT LEGEND

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- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS / WATER / OIL / UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 107+04 STREAM TRIBUTARY TO SANDY CREEK A14-5-S4 ENTER
STA. 107+14 WETLAND A14-5 ENTER
STA. 107+37 STREAM TRIBUTARY TO SANDY CREEK A14-5-S4 EXIT
STA. 107+47 WETLAND A14-5 EXIT
STA. 108+59 WETLAND A14-5 ENTER

STA. 115+21 WETLAND A14-5 EXIT
STA. 115+23 WETLAND AWB-CO-200 ENTER
STA. 115+60 WETLAND A14-5 EXIT
STA. 115+82 WETLAND AWB-CO-200 EXIT
STA. 116+25 CENTERLINE OF STREAM A14-5-S3 TRIBUTARY TO SANDY CREEK
STA. 116+62 WETLAND A14-5 EXIT
STA. 116+88 WETLAND A14-5 ENTER
STA. 118+41 WETLAND A14-5 EXIT

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PROFILE

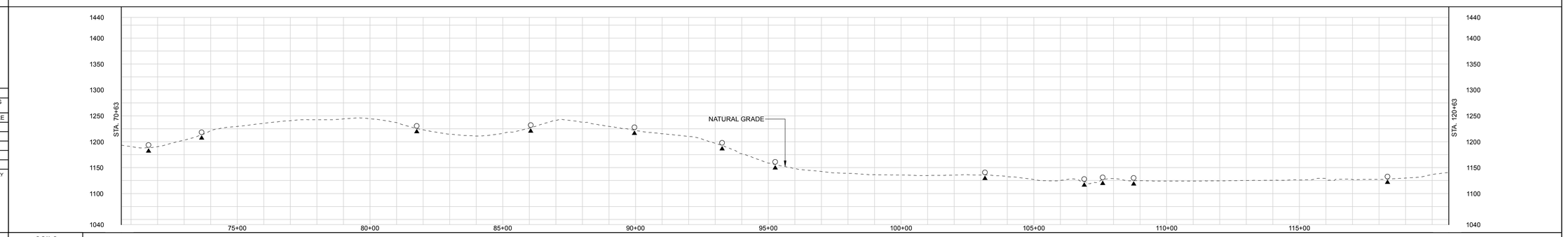
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F/W FOREST/WOODLAND | R RESIDENTIAL | OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

120+63	OH-CO-019.0000	131+34	OH-CO-020.0000	148+37	OH-CO-021.0000	152+46	OH-CO-022.0000	165+24	OH-CO-023.0000	170+63
	1071 FT.		1703 FT.		409 FT.		1278 FT.		539 FT.	
	64.9 RODS		103.2 RODS		24.8 RODS		77.5 RODS		32.7 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 121+69 GAS WELL, 110 FT. RIGHT
STA. 122+00 DRIVEWAY EDGE
STA. 122+09 DRIVEWAY CENTERLINE
STA. 122+16 DRIVEWAY EDGE
STA. 127+23 PI = 11°51'38" LT
STA. 131+44 FENCE
STA. 137+67 ROAD EDGE
STA. 143+41 FENCE
STA. 143+49 ROAD EDGE
STA. 143+51 DIRT, NONE CENTERLINE
STA. 143+59 ROAD EDGE
STA. 145+44 OIL WELL, 164 FT. RIGHT
STA. 145+50 PI = 2°29'43" LT
STA. 148+14 DIRT, NONE CENTERLINE
STA. 152+26 DIRT, NONE CENTERLINE
STA. 152+90 FENCE
STA. 156+52 FENCE
STA. 163+41 PI = 7°48'12" LT
STA. 167+26 GAS PL

CLASS LOCATION

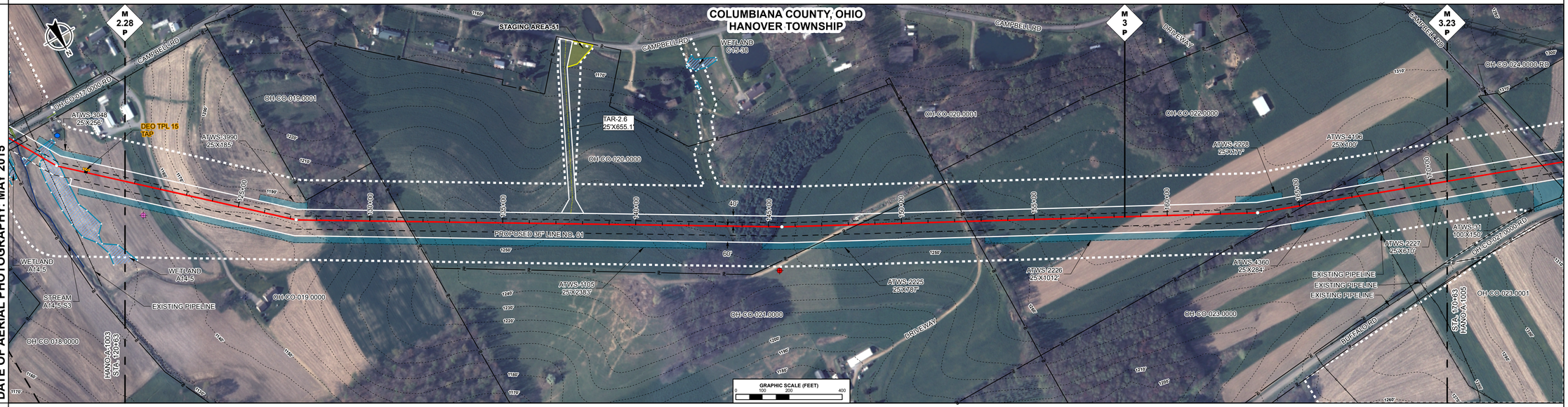
Class 2 | Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST
- PROPOSED NEXUS PIPELINE
- INTERCONNECTING PIPELINE TO TGP
- CONSTRUCTION LIMIT
- STUDY CORRIDOR
- STAGING AREA
- WAREYARD
- PERMANENT ROW
- ADDITIONAL TEMPORARY WORKSPACE
- METERING & REGULATION STATION (M&R) SITE
- COMPRESSOR STATION SITE
- FACILITIES TEMPORARY WORKSPACE
- FACILITIES PERMANENT WORKSPACE
- DELINEATED WETLAND BOUNDARY
- DELINEATED WATERBODY BANK
- DELINEATED WATERBODY CENTERLINE
- APPROXIMATE WETLAND BOUNDARY
- APPROXIMATE WATERBODY BANK
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- PERMANENT ACCESS ROAD (PAR-0.0)
- TEMPORARY ACCESS ROAD (TAR-0.0)
- PROPERTY LINE
- CONTOUR
- MUNICIPALITY LINE
- FENCE
- FOREIGN PIPELINE
- POWERLINE
- WATER PIPELINE
- RAILROAD TRACK
- TELEPHONE LINE
- TEE TAP
- UTILITY LINES
- BLOW OFF VALVE
- MAINLINE VALVE (MLV)
- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

E & S TYPICALS

E&S TYPICALS WILL BE USED AS A PLAN AND WILL HAVE FURTHER INPUT FROM ENVIRONMENTAL INSPECTOR.

PROFILE

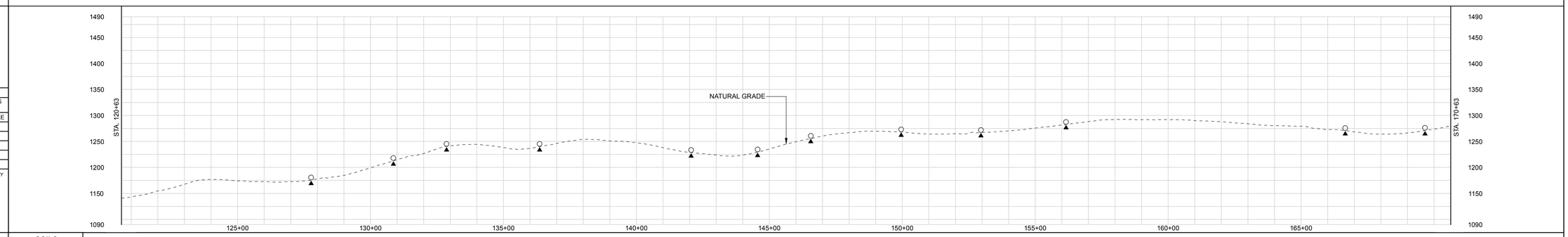
THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD.

SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
15-30%	200 FT	5-15%	300 FT
> 30%	100 FT	15-30%	200 FT
		> 30%	100 FT

IN AG FIELDS AND RESIDENTIAL AREAS WHERE SLOPE BREAKERS ARE NOT TYPICALLY REQUIRED, INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED. (FERC PLAN)



LAND USE CLASSIFICATION

AG AGRICULTURAL; OL OPEN LAND; I/C INDUSTRIAL/COMMERCIAL
F/W FOREST/WOODLAND; R RESIDENTIAL; OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

170+63	OH-CO-023.0000 362 FT. 21.9 RODS	174+25	OH-CO-024.0000-RD 80 FT. 4.8 RODS	175+05	OH-CO-025.0000 677 FT. 41.0 RODS	181+82	OH-CO-026.0000 268 FT. 16.2 RODS	184+50	OH-CO-027.0000-RD 83 FT. 5.0 RODS	185+33	OH-CO-028.0000 756 FT. 45.8 RODS	192+89	OH-CO-029.0000 567 FT. 34.4 RODS	198+56	OH-CO-028.0000 270 FT. 16.4 RODS	201+26	OH-CO-030.0000 275 FT. 16.7 RODS	204+01	OH-CO-031.0000 381 FT. 23.1 RODS	207+82	OH-CO-032.0000 314 FT. 19.0 RODS	210+96	OH-CO-031.0000 427 FT. 25.9 RODS	215+23	OH-CO-033.0000 430 FT. 26.1 RODS	219+53	OH-CO-034.0000 110 FT. 6.7 RODS	220+63

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

- STA. 174+50 TOP BANK
- STA. 174+61 TOE BANK
- STA. 174+64 ROAD EDGE
- STA. 174+75 CAMPBELL RD. CENTERLINE
- STA. 174+88 ROAD EDGE
- STA. 174+95 TOE BANK
- STA. 175+00 TOP BANK
- STA. 177+73 TOWER, 347 FT. LEFT
- **STA. 180+39 PI – 9°37'46" RT**
- **STA. 182+29 PI – 14°41'1" RT**
- STA. 182+84 WATER WELL, 183 FT. LEFT
- STA. 184+57 ROAD EDGE
- STA. 184+64 TAR-3.7 (SCALED) CENTERLINE (SCALED)
- STA. 184+84 ROAD EDGE
- STA. 184+88 TOE BANK
- STA. 185+04 TOP BANK
- STA. 186+63 ABOVEGROUND TELEPHONE
- STA. 187+04 WELL, 275 FT. LEFT
- STA. 187+59 TOWER, 158 FT. LEFT
- STA. 190+73 POWERLINE, CLEARANCE UNK FT.
- STA. 195+39 WATER WELL, 322 FT. LEFT
- STA. 195+70 TOWER, 158 FT. LEFT
- STA. 200+99 TOWER, 158 FT. LEFT
- STA. 205+91 TOP BANK
- STA. 205+97 ROAD EDGE
- STA. 205+98 TOE BANK
- STA. 206+04 TOP BANK
- **STA. 210+38 PI – 6°23'13" RT**
- STA. 211+39 TOWER, 153 FT. LEFT
- **STA. 211+96 PI – 3°38'39" LT**
- **STA. 215+53 PI – 44°59'27" RT**
- **STA. 216+94 PI – 44°59'28" LT**
- **STA. 219+30 PI – 7°21'59" LT**
- STA. 219+42 MUNICIPALITY LINE

CLASS LOCATION

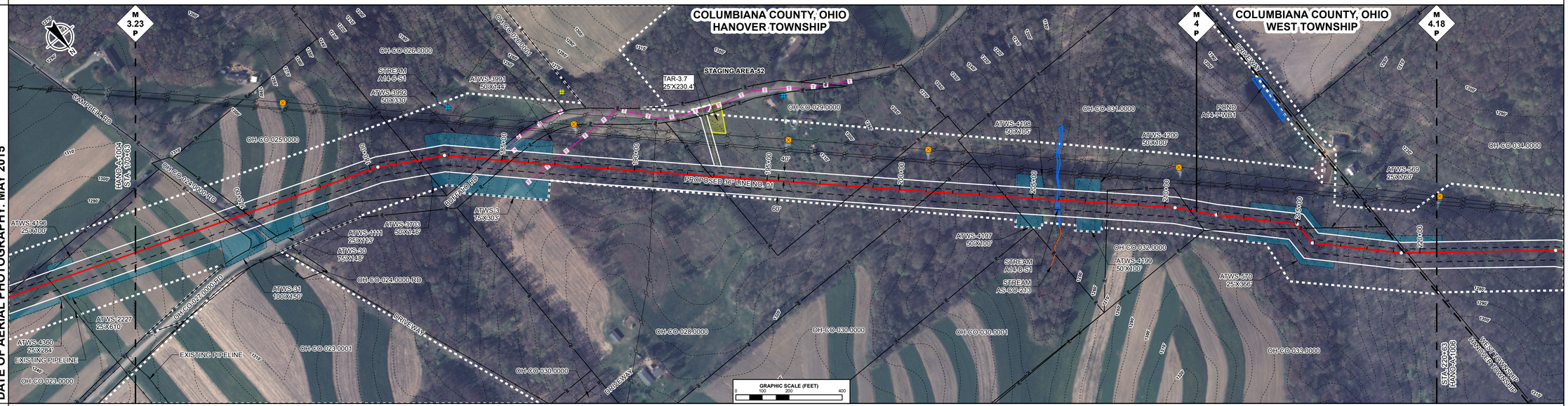
Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
- PROPOSED NEXUS PIPELINE
- INTERCONNECTING PIPELINE TO TGP
- CONSTRUCTION LIMIT
- STUDY CORRIDOR
- STAGING AREA
- WAREYARD
- PERMANENT ROW
- ADDITIONAL TEMPORARY WORKSPACE
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- COMPRESSOR STATION SITE
- FACILITIES TEMPORARY WORKSPACE
- FACILITIES PERMANENT WORKSPACE
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- DELINEATED WATERBODY BANK
- DELINEATED WATERBODY CENTERLINE
- APPROXIMATE WETLAND BOUNDARY
- APPROXIMATE WATERBODY BANK
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- TEMPORARY ACCESS ROAD (TAR-0.0)
- PROPERTY LINE
- CONTOUR
- MUNICIPALITY LINE
- FENCE
- FOREIGN PIPELINE
- POWERLINE
- WATER PIPELINE
- RAILROAD TRACK
- TELEPHONE LINE
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- UTILITY LINES
- BLOW OFF VALVE
- MAINLINE VALVE (MLV)
- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

- STA. 205+90 STREAM, TRIBUTARY TO SANDY CREEK A14-8-S1 ENTER
- STA. 206+68 STREAM, TRIBUTARY TO SANDY CREEK A14-8-S1 EXIT

E & S TYPICALS

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PROFILE

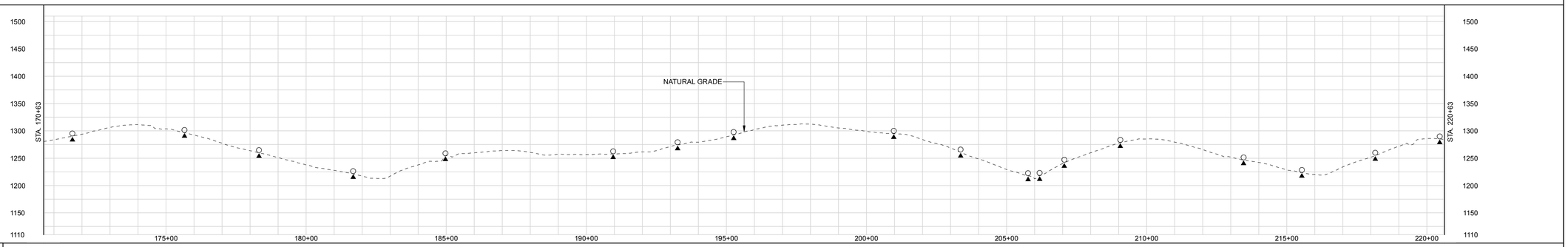
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SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
15-30%	200 FT	5-15%	300 FT
> 30%	100 FT	15-30%	200 FT
		> 30%	100 FT

IN AG FIELDS AND RESIDENTIAL AREAS WHERE SLOPE BREAKERS ARE NOT TYPICALLY REQUIRED, INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED. (FERC PLAN)



LAND USE CLASSIFICATION

AG	AGRICULTURAL	OL	OPEN LAND	I/C	INDUSTRIAL/COMMERCIAL
F/W	FOREST/WOODLAND	R	RESIDENTIAL	OW	OPEN WATER

| SOILS | | | | |

RIGHT-OF-WAY

TRACT NUMBERS

220+63	OH-CO-034.0000	228+93	OH-CO-035.0000	246+24	OH-CO-036.0000	252+61	OH-CO-037.0000	258+81	OH-CO-038.0000-RD	269+31	OH-CO-039.0000	264+13	OH-CO-040.0000-RD	265+06	OH-CO-041.0000	266+02	OH-CO-042.0000	269+39	OH-CO-043.0000	270+63
	830 FT. 50.3 RODS		1731 FT. 104.9 RODS		637 FT. 38.6 RODS		620 FT. 37.6 RODS		50 FT. 3.0 RODS		482 FT. 29.2 RODS		93 FT. 5.6 RODS		96 FT. 5.8 RODS		337 FT. 20.4 RODS		124 FT. 7.5 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 225+11 PI – 9°24'53" RT

STA. 229+23 TOWER, 167 FT. LEFT
STA. 229+31 PI – 3°53'38" LT

STA. 231+29 PI – 22°29'59" RT

STA. 237+71 GAS WELL, 104 FT. LEFT
STA. 237+91 PI – 20°31'14" LT

STA. 241+30 DRIVEWAY
STA. 241+35 DRIVEWAY
STA. 241+39 DRIVEWAY
STA. 241+49 TOWER, 434 FT. LEFT
STA. 242+76 TANK PAD, 111 FT. RIGHT
STA. 243+47 DRIVEWAY
STA. 243+53 DRIVEWAY
CENTERLINE
STA. 243+59 DRIVEWAY

STA. 252+38 GAS WELL, 170 FT. RIGHT

STA. 253+15 PI – 5°42'20" LT

STA. 256+64 DRIVEWAY
STA. 256+71 DRIVEWAY
CENTERLINE
STA. 256+76 DRIVEWAY
STA. 256+84 TOP BANK
STA. 256+94 TOP BANK
STA. 257+01 TOE BANK
STA. 257+40 TOP BANK
STA. 258+06 TOP BANK
STA. 258+30 TOE BANK
STA. 258+60 ABOVEGROUND TELEPHONE
STA. 258+82 FENCE
STA. 258+87 POWERLINE, CLEARANCE 21 FT.
STA. 258+88 ROAD EDGE
STA. 258+93 FENCE
813/KETTERING RD
CENTERLINE
STA. 259+08 ROAD EDGE

STA. 264+07 POWERLINE, CLEARANCE 21 FT.
STA. 264+11 TOE BANK
STA. 264+35 TOP BANK
STA. 264+48 ROAD EDGE
STA. 264+61 PAVED, CR 812/WEAVER RD
STA. 264+73 ROAD EDGE
STA. 264+80 TOE BANK
STA. 265+06 TOP BANK
STA. 265+17 HOLDING TANK WELL, 226 FT. LEFT

STA. 270+43 TOWER, 362 FT. LEFT

CLASS LOCATION

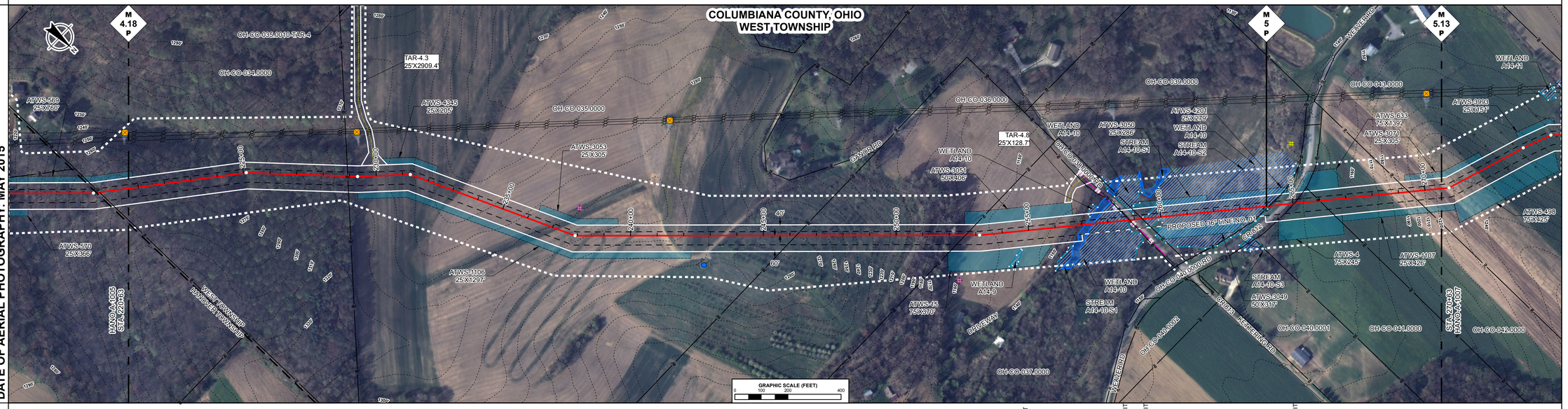
Class 1 | Class 2 | Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
- PROPOSED NEXUS PIPELINE
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- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 254+12 WETLAND A14-9 ENTER
STA. 254+15 STREAM A14-9 ENTER
STA. 254+68 WETLAND A14-9 EXIT

STA. 256+77 STREAM CONSER RUN A14-10-S1 ENTER
STA. 257+20 WETLAND A14-10 ENTER
STA. 257+75 STREAM CONSER RUN A14-10-S1 EXIT

STA. 258+83 WETLAND A14-10 EXIT
STA. 258+85 WETLAND A14-10 ENTER
STA. 259+27 WETLAND A14-10 EXIT
STA. 259+54 WETLAND A14-10 ENTER

STA. 264+84 WETLAND A14-10 EXIT

E & S TYPICALS

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PROFILE

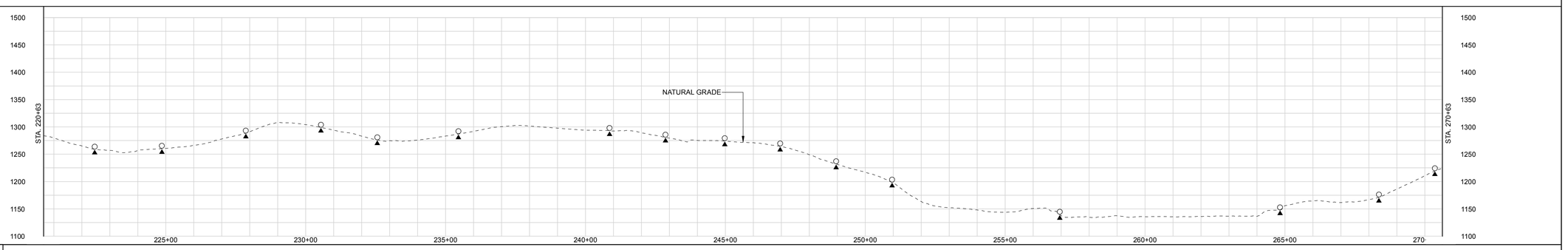
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SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
15-30%	200 FT	5-15%	300 FT
> 30%	100 FT	15-30%	200 FT
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IN AG FIELDS AND RESIDENTIAL AREAS WHERE SLOPE BREAKERS ARE NOT TYPICALLY REQUIRED. INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED. (FERC PLAN)



LAND USE CLASSIFICATION

AG AGRICULTURAL | OL OPEN LAND | I/C INDUSTRIAL/COMMERCIAL
F/W FOREST/WOODLAND | R RESIDENTIAL | OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

270+63	OH-CO-043.0000	278+39	OH-CO-044.0000	285+90	OH-CO-045.0000	287+85	OH-CO-045.0100	289+17	OH-CO-046.0000	293+50	OH-CO-047.0000-RD	294+12	OH-CO-048.0000	295+16	OH-CO-050.0000	296+08	OH-CO-051.0000	309+53	OH-CO-052.0000	316+71	OH-CO-052.0100	317+23	OH-CO-053.0000	320+63
	776 FT. 47.0 RODS		751 FT. 45.5 RODS		195 FT. 11.8 RODS		132 FT. 8.0 RODS		413 FT. 25.0 RODS		82 FT. 5.0 RODS		104 FT. 6.3 RODS		92 FT. 5.6 RODS		1345 FT. 81.5 RODS		718 FT. 43.5 RODS		52 FT. 3.2 RODS		340 FT. 20.6 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 270+91 PI – 22°30'0" LT
STA. 272+17 FENCE
STA. 273+08 FENCE
STA. 273+91 FENCE
STA. 274+08 PI – 3°47'44" RT
STA. 275+23 PI – 22°29'34" RT
STA. 275+40 FENCE
STA. 277+34 TOP BANK
STA. 277+37 TOE BANK
STA. 277+42 TOP BANK
STA. 290+48 TOWER, 173 FT. LEFT
STA. 290+51 PI – 1°50'37" LT
STA. 293+38 TOP BANK
STA. 293+41 POWERLINE, CLEARANCE 18 FT.
STA. 293+49 TOE BANK
STA. 293+64 TOP BANK
STA. 293+69 PAVED, CR 402 CENTERLINE
STA. 293+80 ROAD EDGE
STA. 293+98 TOE BANK
STA. 294+77 TOE BANK
STA. 295+21 PI – 43°26'11" LT
STA. 297+28 CULVERT
STA. 298+66 POWERLINE, CLEARANCE 25 FT.
STA. 298+67 FENCE
STA. 298+88 POWERLINE (SCALED)
STA. 299+35 POWERLINE, CLEARANCE 26 FT.
STA. 300+38 PI – 41°44'33" RT
STA. 304+58 PI – 6°24'34" LT
STA. 308+66 WATER WELL, 288 FT. RIGHT
STA. 309+56 FENCE
STA. 311+51 PI – 63°0'10" RT
STA. 312+49 POWERLINE (SCALED)
STA. 312+62 POWERLINE (SCALED)
STA. 312+80 POWERLINE (SCALED)
STA. 313+44 TOWER, 138 FT. LEFT
STA. 314+58 PI – 60°11'6" LT
STA. 316+72 FENCE

CLASS LOCATION

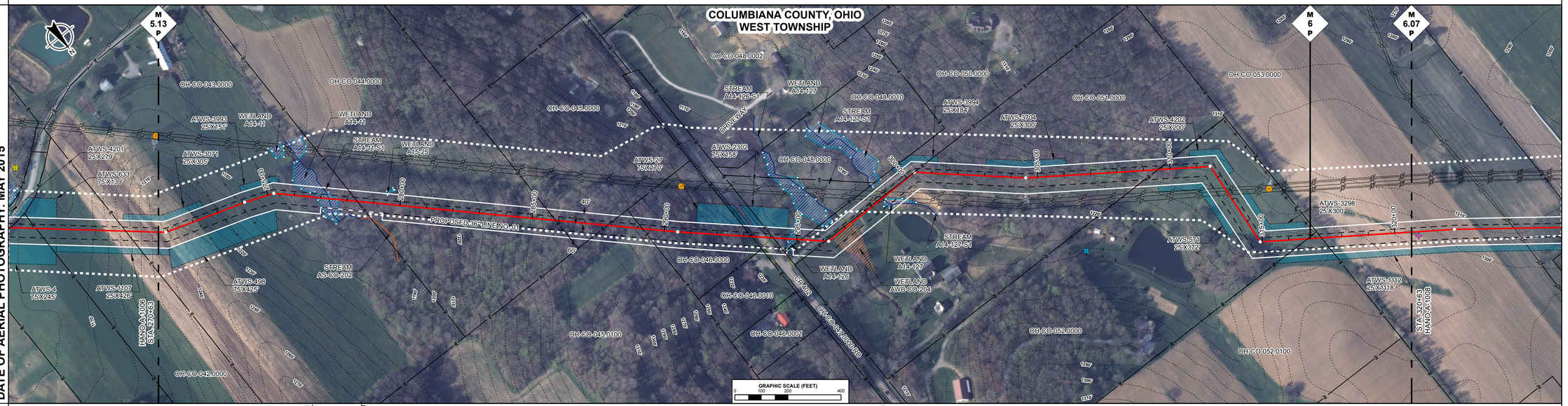
Class 1 | Class 2 | Class 1 | Class 2

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
- PROPOSED NEXUS PIPELINE
- INTERCONNECTING PIPELINE TO TGP
- CONSTRUCTION LIMIT
- STUDY CORRIDOR
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- PERMANENT ACCESS ROAD (PAR-0.0)
- TEMPORARY ACCESS ROAD (TAR-0.0)
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- FENCE
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- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 276+08 WETLAND A14-11 ENTER
STA. 277+30 CENTERLINE OF STREAM A14-11-S1 TRIBUTARY TO CONSER RUN
STA. 277+72 WETLAND A14-11 EXIT
STA. 279+44 WETLAND A15-25 ENTER
STA. 279+52 WETLAND A15-25 EXIT
STA. 294+68 WETLAND A14-126 ENTER
STA. 294+96 WETLAND A14-126 EXIT
STA. 296+38 WETLAND AWB-CO-204 ENTER
STA. 297+34 WETLAND AWB-CO-204 EXIT
STA. 298+65 WETLAND A14-127 ENTER
STA. 298+79 CENTERLINE OF STREAM A14-127-S1 TRIBUTARY TO CONSER RUN
STA. 299+46 WETLAND A14-127 EXIT

E & S TYPICALS

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PROFILE

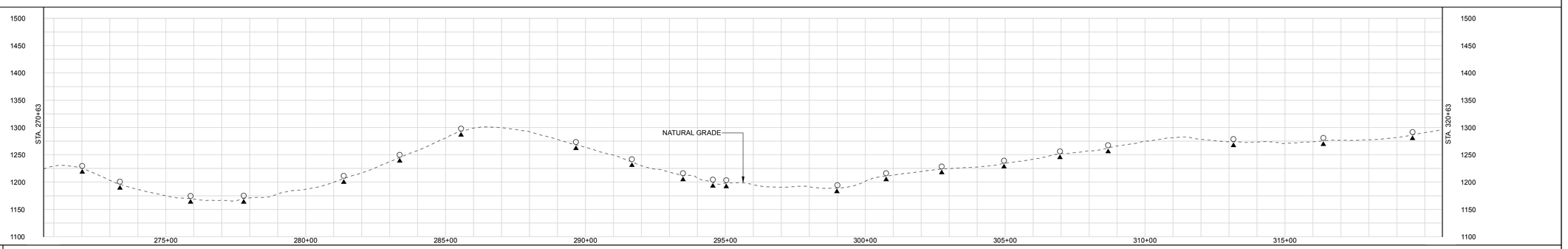
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SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
15-30%	200 FT	5-15%	300 FT
> 30%	100 FT	15-30%	200 FT
		> 30%	100 FT

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| LAND USE CLASSIFICATION | | | | | | SOILS | | | | | |

RIGHT-OF-WAY

TRACT NUMBERS

320+63 | OH-CO-053.0000 651 FT. 39.5 RODS | 327+14 | OH-CO-054.0000 477 FT. 28.9 RODS | 331+91 | OH-CO-054.0100 132 FT. 8.0 RODS | 333+23 | OH-CO-055.0000-RD 59 FT. 3.6 RODS | 333+82 | OH-CO-055.0100 195 FT. 11.8 RODS | 335+77 | OH-CO-055.0200 332 FT. 20.1 RODS | 339+09 | OH-CO-055.0300 102 FT. 6.2 RODS | 340+11 | OH-CO-059.0000 2213 FT. 134.1 RODS | 362+24 | OH-CO-060.0000 223 FT. 13.5 RODS | 364+47 | OH-CO-061.0000 616 FT. 37.3 RODS | 370+63

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 320+91 GAS WELL, 17 FT. RIGHT

STA. 322+24 PI – 2°43'33" RT

STA. 324+49 POWERLINE, CLEARANCE 40 FT. STA. 325+40 POWERLINE, CLEARANCE 40 FT.

STA. 327+32 GAS WELL, 5 FT. LEFT
STA. 327+49 ROAD EDGE
STA. 327+66 ROAD EDGE, NONE CENTERLINE
STA. 327+71 ROAD EDGE

STA. 329+68 PI – 45°4'26" RT

STA. 333+64 LOREY RD CENTERLINE (SCALED)

STA. 335+74 PI – 59°55'47" LT

STA. 338+90 LIGHT POLE, 232 FT. LEFT
STA. 339+03 WATER WELL, 447 FT. LEFT
STA. 339+07 PROPANE TANK, 304 FT. LEFT
STA. 339+09 PROPANE TANK, 384 FT. LEFT
STA. 339+21 WATER WELL, 345 FT. LEFT

STA. 345+20 PI – 45°31'46" LT

STA. 349+34 TOWER, 166 FT. LEFT
STA. 350+08 POWERLINE, CLEARANCE 62 FT.
STA. 350+30 ROAD EDGE
STA. 350+31 POWERLINE CLEARANCE 74 FT.
STA. 350+44 POWERLINE, CLEARANCE 62 FT.
STA. 350+47 POWERLINE, CLEARANCE 74 FT.

STA. 351+58 PI – 33°0'0" RT

STA. 354+60 TOWER, 310 FT. RIGHT

STA. 354+98 PI – 5°48'4" LT

STA. 356+12 WELL, 660 FT. RIGHT

STA. 364+76 PI – 58°59'39" RT

STA. 370+63 PROPANE TANK, 436 FT. RIGHT

CLASS LOCATION

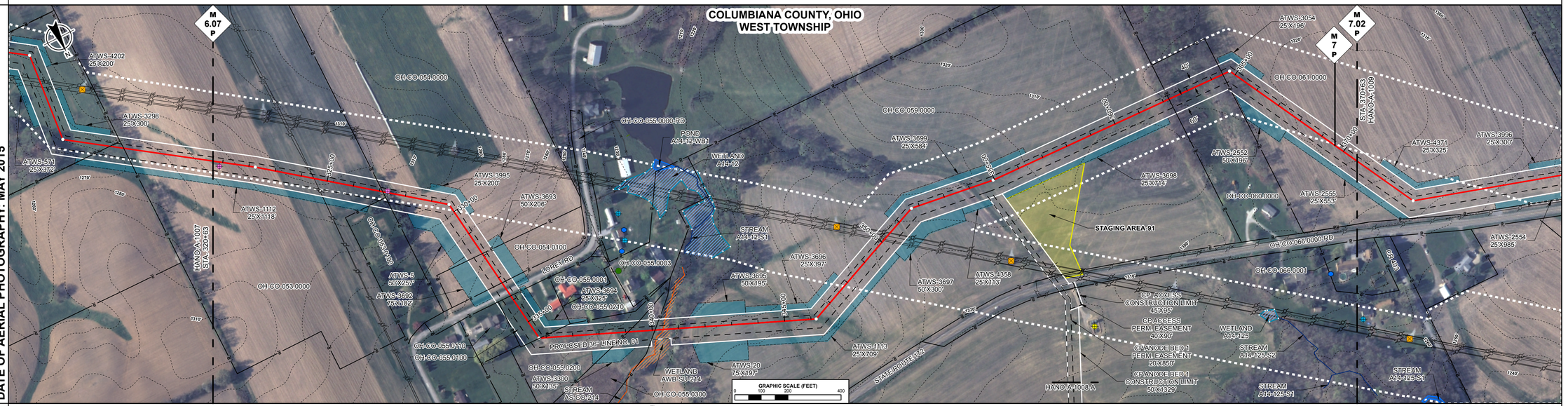
Class 2 | Class 1 | Class 2

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
- PROPOSED NEXUS PIPELINE
- INTERCONNECTING PIPELINE TO TGP
- CONSTRUCTION LIMIT
- STUDY CORRIDOR
- STAGING AREA
- WAREYARD
- PERMANENT ROW
- ADDITIONAL TEMPORARY WORKSPACE
- METERING & REGULATION STATION (M&R) SITE
- COMPRESSOR STATION SITE
- FACILITIES TEMPORARY WORKSPACE
- FACILITIES PERMANENT WORKSPACE
- DELINEATED WETLAND BOUNDARY
- DELINEATED WATERBODY BANK
- DELINEATED WATERBODY CENTERLINE
- APPROXIMATE WETLAND BOUNDARY
- APPROXIMATE WATERBODY BANK
- APPROXIMATE WATERBODY CENTERLINE
- PERMANENT ACCESS ROAD (PAR-0.0)
- TEMPORARY ACCESS ROAD (TAR-0.0)
- PROPERTY LINE
- CONTOUR (120')
- MUNICIPALITY LINE
- FENCE
- FOREIGN PIPELINE
- POWERLINE
- WATER PIPELINE (W)
- RAILROAD TRACK
- TELEPHONE LINE (T)
- TEE TAP
- UTILITY LINES
- BLOW OFF VALVE
- MAINLINE VALVE (MLV)
- TOWER
- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 340+06 WETLAND AWB-SU-214 ENTER
STA. 340+41 CENTERLINE OF STREAM AS-CO-214
STA. 340+67 TRIBUTARY TO CONNER RUN
STA. 340+69 WETLAND AWB-SU-214 EXIT

E & S TYPICALS

E&S TYPICALS WILL BE USED AS A PLAN AND WILL HAVE FURTHER INPUT FROM ENVIRONMENTAL INSPECTOR.

PROFILE

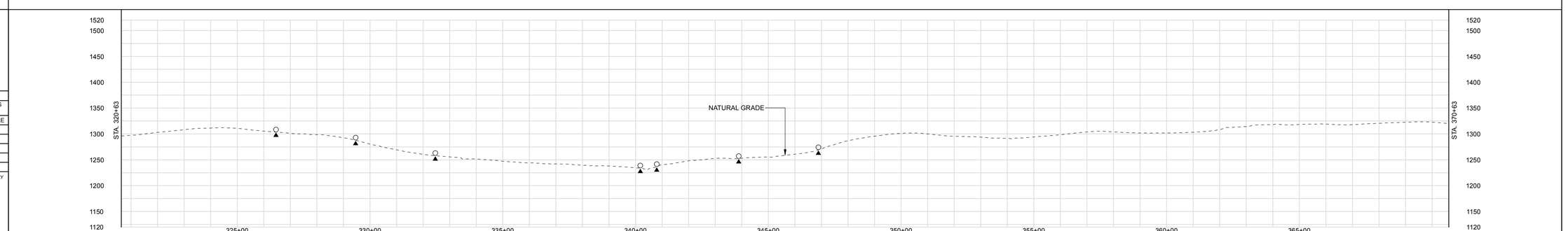
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SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
5-15%	300 FT	< 5%	NO STRUCTURE
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IN AG FIELDS AND RESIDENTIAL AREAS WHERE SLOPE BREAKERS ARE NOT TYPICALLY REQUIRED, INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED. (FERC PLAN)



LAND USE CLASSIFICATION

AG	AGRICULTURAL	OL	OPEN LAND	I/C	INDUSTRIAL/COMMERCIAL
F/W	FOREST/WOODLAND	R	RESIDENTIAL	OW	OPEN WATER

SOILS																							
LAND USE		AG				I/C	R		OL			OW	OL	AG							OL	AG	
% SLOPE		< 5%		5-15%		< 5%				5-15%		< 5%		5-15%		< 5%				5-15%		< 5%	

GENERAL NOTES:

1.) ALL STATIONING IS IN U.S. FEET.

2.) CONTOUR LINES AND ELEVATIONS ARE IN U.S. FEET.

DRAWN BY:	ENGINEERING APPROVALS			
	BID		CONSTRUCTION	
NAME	SIGNATURE	DATE	SIGNATURE	DATE

REFERENCE DRAWINGS		REVISIONS				MATERIALS		
DWG. NO.	DESCRIPTION	REV	DSN	CK	DESCRIPTION	ITEM	DESCRIPTION	QTY
APPENDIX IA-4	SITE SPECIFIC RESIDENTIAL CROSSING PLANS	0A			ISSUED FOR FERC FILING (11/2015)			
		0			ISSUED FOR FERC FILING (11/2015)			

HANO - WADS
NEXUS PROJECT
PROPOSED 36" LINE NO. 01
ALIGNMENT SHEET

LOC. COLUMBIANA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1008	REV. 0A

P:\265_UPSTREAM_PIPELINE\299X_GIS\ToBeRouted\ NEXUS PROPOSED MAINLINE PIPELINE 008 of 278.pdf - PLOT TIME: 2015-09-11 14:49:44

RIGHT-OF-WAY

TRACT NUMBERS

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

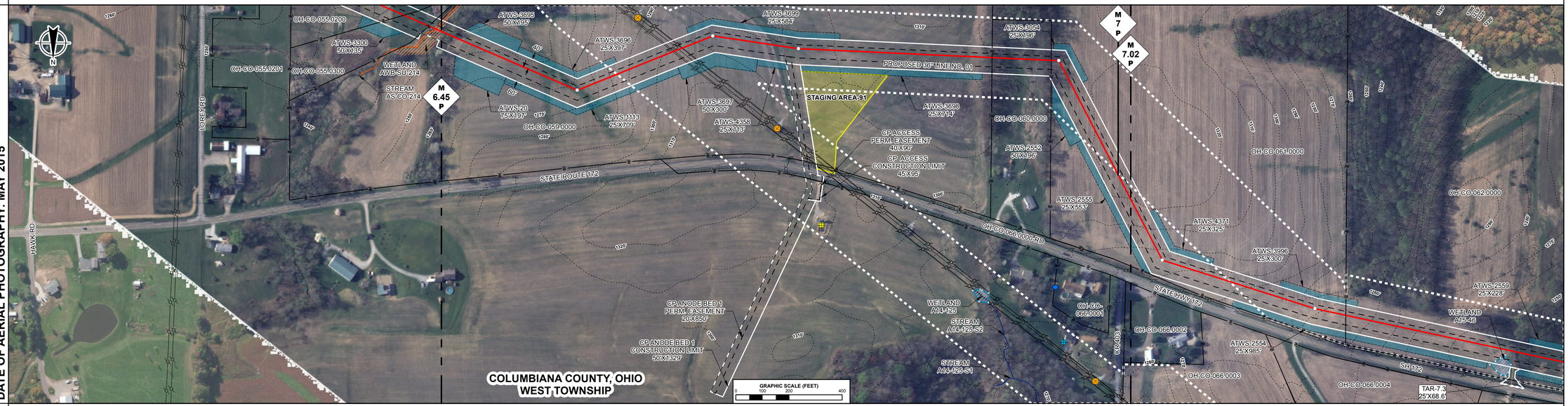
CLASS LOCATION

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
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- INTERCONNECTING PIPELINE TO TGP
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- PROPERTY LINE
- CONTOUR
- MUNICIPALITY LINE
- FENCE
- FOREIGN PIPELINE
- POWERLINE
- WATER PIPELINE
- RAILROAD TRACK
- TELEPHONE LINE
- TEE TAP
- UTILITY LINES
- BLOW OFF VALVE
- MAINLINE VALVE (MLV)
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- MICROWAVE TOWER
- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

E & S TYPICALS

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PROFILE

THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD.

SLOPE BREAKERS ○
TRENCH PLUG ▲

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LAND USE CLASSIFICATION

AG	AGRICULTURAL	OL	OPEN LAND	I/C	INDUSTRIAL/COMMERCIAL
F/W	FOREST/WOODLAND	R	RESIDENTIAL	OW	OPEN WATER

SOILS

LAND USE

% SLOPE

P:\265_UPSTREAM_PIPELINE\299X_GIS\ArcRoute\ NEXUS PROPOSED MAINLINE PIPELINE 008-A of 278.pdf - PLOT TIME: 2015-09-15 18:06:40

IG.#

REFERENCE DRAWINGS		REVISIONS				MATERIALS		
HANO-A-1008	ALIGNMENT SHEET	0B			ISSUED FOR FERC FILING (11/2015)			
		0A			ISSUED FOR FERC FILING (11/2015)			
DWG. NO.	DESCRIPTION	0			ISSUED FOR FERC FILING (11/2015)			
		REV	DSN	CK	DESCRIPTION	ITEM	DESCRIPTION	QTY

GENERAL NOTES:

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DRAWN BY:	ENGINEERING APPROVALS			
	BID		CONSTRUCTION	
NAME	SIGNATURE	DATE	SIGNATURE	DATE

HANO - WADS
NEXUS PROJECT
PROPOSED 36" LINE NO. 01
ALIGNMENT SHEET

LOC. COLUMBIANA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1008-A	REV. 0B

RIGHT-OF-WAY

TRACT NUMBERS

370+63	OH-CO-061.0000	380+43	OH-CO-062.0000	394+20	OH-CO-063.0000	397+97	OH-CO-064.0000	401+41	OH-CO-065.0000	404+65	OH-CO-066.0000-RD	405+27	OH-CO-067.0000	407+56	OH-CO-068.0000	415+65	OH-CO-069.0000	419+48	OH-CO-070.0000	420+63
	980 FT. 59.4 RODS		1377 FT. 83.5 RODS		377 FT. 22.8 RODS		344 FT. 20.8 RODS		325 FT. 19.7 RODS		62 FT. 3.8 RODS		229 FT. 13.9 RODS		809 FT. 49.0 RODS		383 FT. 23.2 RODS		115 FT. 7.0 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 373+21 PI – 44°58'59" LT

STA. 379+23 PI – 53°31'31" LT

STA. 386+82 DRIVEWAY EDGE
STA. 388+96 DRIVEWAY EDGE

STA. 388+95 PI – 36°03'0" LT

STA. 399+18 OIL WELL, 109 FT. RIGHT
STA. 399+48 ROAD EDGE
STA. 399+58 DIRT, NONE
STA. 399+66 ROAD EDGE
STA. 399+66 ROAD EDGE
STA. 400+59 OIL ST ORAGE
STA. 400+62 ROAD EDGE
STA. 400+98 GRAVEL, NONE
CENTERLINE
STA. 401+98 ROAD EDGE

STA. 403+56 PI – 60°0'0" RT

STA. 404+66 POWERLINE, 215 FT. RIGHT
STA. 404+67 TOP BANK
STA. 404+78 TOE BANK
STA. 404+83 TOP BANK
STA. 404+83 ROAD EDGE
STA. 404+97 PAVED, SH 172 CENTERLINE
STA. 405+05 ROAD EDGE
STA. 405+12 TOP BANK
STA. 405+17 TOE BANK
STA. 405+37 TOP BANK
STA. 406+59 PI – 24°30'0" LT
STA. 408+06 TOP BANK

STA. 408+91 TOP BANK
STA. 408+95 TOE BANK
STA. 409+04 TOP BANK
STA. 409+47 TOE BANK
STA. 410+01 TOP BANK
STA. 410+60 UNK PL
STA. 412+22 UNK PL
STA. 414+04 GAS WELL, 90 FT. RIGHT

STA. 414+54 PI – 11°49'3" RT

STA. 414+54 HDD ENTRY

CLASS LOCATION

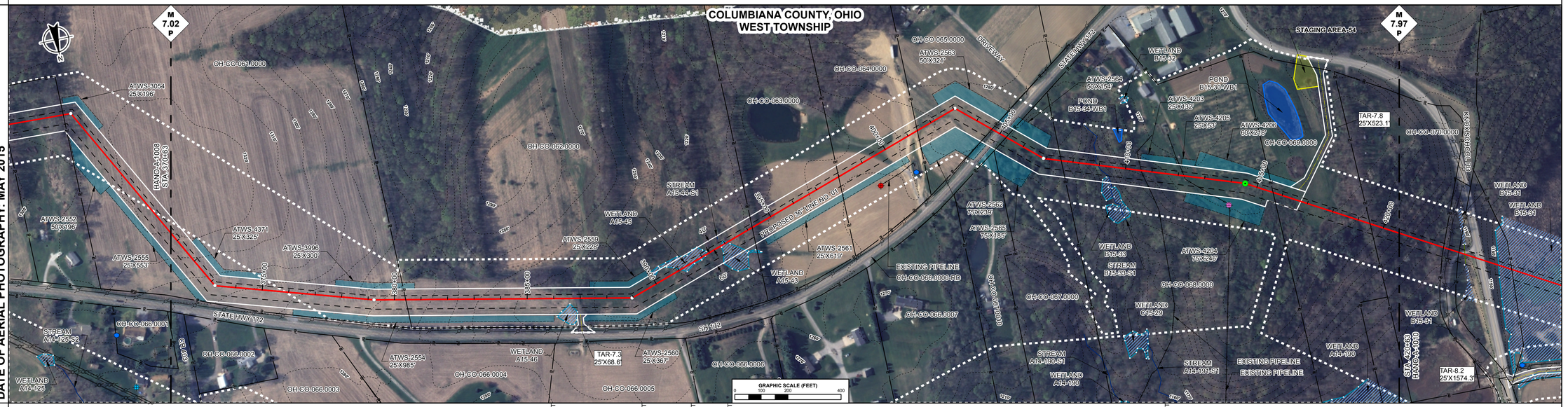
Class 2 | Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
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- TEMPORARY ACCESS ROAD (TAR-0.0)
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- CONTOUR (120')
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- WATER PIPELINE (W)
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- HORIZONTAL DIRECTIONAL DRILL ENTRY/EXIT
- TANK
- LIGHT POLE
- FIRE HYDRANT
- WELL: GAS, WATER, OIL, UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 386+20 WETLAND A15-46 ENTER
STA. 386+89 WETLAND A15-46 EXIT
STA. 390+07 WETLAND A15-45 ENTER
STA. 390+35 WETLAND A15-45 EXIT
STA. 390+55 WETLAND A15-46 ENTER
STA. 392+32 WETLAND A15-45 EXIT
STA. 392+45 WETLAND A15-43 ENTER
STA. 393+55 WETLAND A15-43 EXIT
STA. 408+48 CENTERLINE OF STREAM A15-44-S1 TRIBUTARY TO LAKE PLACENTIA
STA. 408+53 WETLAND B15-33 ENTER
STA. 409+51 WETLAND B15-33 EXIT

E & S TYPICALS

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PROFILE

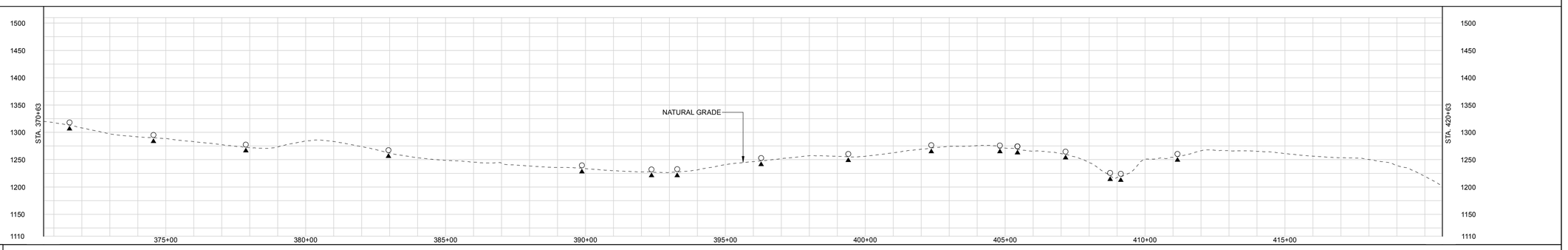
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SLOPE BREAKERS ○
TRENCH PLUG ▲

PERMANENT SLOPE BREAKER & TRENCH PLUG SPACING

%SLOPE	SLOPE BREAKER SPACING (FT)	%SLOPE	TRENCH PLUG SPACING (FT)
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LAND USE CLASSIFICATION

AG AGRICULTURAL | OL OPEN LAND | I/C INDUSTRIAL/COMMERCIAL
F/W FOREST/WOODLAND | R RESIDENTIAL | OW OPEN WATER

| SOILS | | |

RIGHT-OF-WAY

TRACT NUMBERS

420+63	OH-CO-070.0000	422+39	OH-CO-071.0000-RD	423+00	OH-CO-072.0000	425+09	OH-CO-073.0000	433+85	OH-CO-074.0000	439+26	OH-CO-075.0000	446+97	OH-CO-076.0000	454+70	OH-CO-077.0000	458+18	OH-CO-078.0000	470+63
	176 FT. / 10.7 RODS		61 FT. / 3.7 RODS		209 FT. / 12.7 RODS		876 FT. / 53.1 RODS		541 FT. / 32.8 RODS		771 FT. / 46.7 RODS		773 FT. / 46.8 RODS		348 FT. / 21.1 RODS		1245 FT. / 75.5 RODS	

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 422+43 TOP BANK
STA. 422+60 POWERLINE, CLEARANCE 33 FT.
STA. 422+62 TOE BANK
STA. 422+93 TOP BANK
STA. 422+97 DRIVEWAY
STA. 423+06 DRIVEWAY
STA. 423+13 DRIVEWAY
STA. 423+17 TOP BANK
STA. 423+64 CULVERT
STA. 423+67 TOP BANK
STA. 423+71 ROAD EDGE
STA. 424+04 FENCE, NOX. SCHOOL RD CENTERLINE
STA. 424+50 ROAD EDGE
STA. 424+51 WETLAND B15-31 ENTER
STA. 424+94 TOE BANK
STA. 426+58 TANK BATTERY, 331 FT. RIGHT
STA. 429+76 OIL WELL, 296 FT. RIGHT
STA. 429+83 POWERLINE, CLEARANCE 12 FT.
STA. 429+64 WETLAND B15-31 EXIT
STA. 431+76 GAS PL
STA. 434+97 ROAD EDGE
STA. 435+42 ROAD EDGE
STA. 436+30 OIL WELL, 657 FT. RIGHT
STA. 443+85 HDD EXIT
STA. 447+01 GAS PL
STA. 447+15 FENCE
STA. 447+62 GAS WELL, 94 FT. RIGHT
STA. 453+86 POWERLINE, CLEARANCE 48 FT.
STA. 454+03 POWERLINE, CLEARANCE 48 FT.
STA. 454+20 POWERLINE, CLEARANCE 48 FT.
STA. 454+72 CASE PL
STA. 455+48 PI = 49°39'49" RT
STA. 456+48 FENCE
STA. 469+48 PI = 22°29'39" LT

CLASS LOCATION

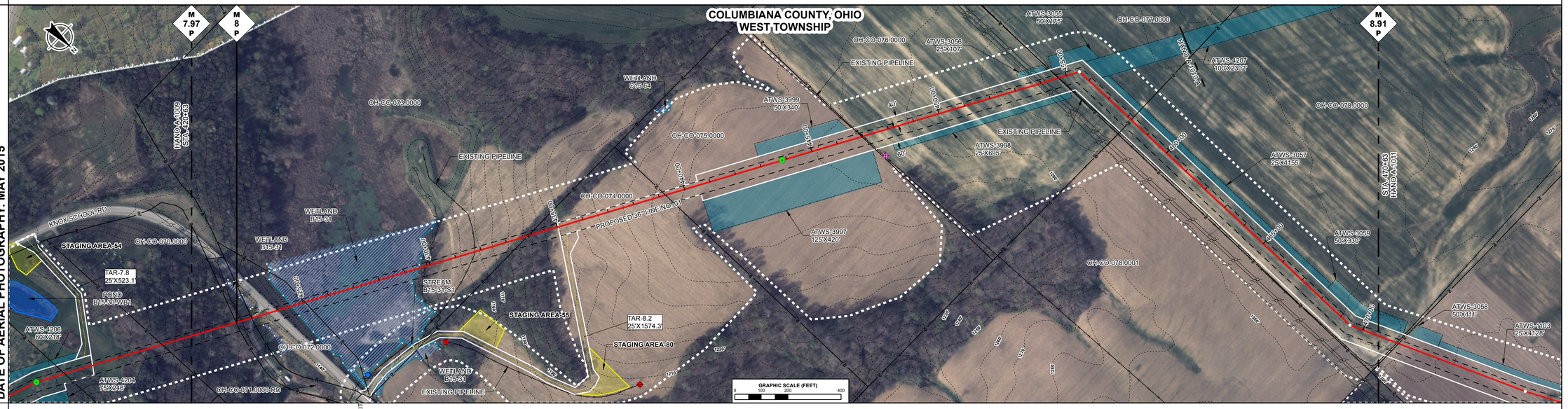
Class 1

PIPE MATERIAL

ALIGNMENT LEGEND

- PIPELINE MILEPOST (M 0.0 P)
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- WELL: GAS
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- OIL
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DATE OF AERIAL PHOTOGRAPHY: MAY 2015



ENVIRONMENTAL DATA

STA. 424+51 WETLAND B15-31 ENTER

STA. 429+64 WETLAND B15-31 EXIT

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PROFILE

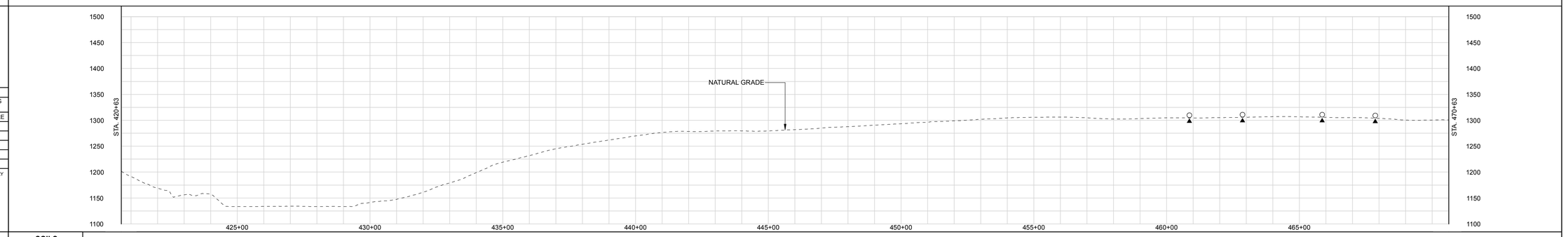
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| SOILS | | |