RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2433+76 – 2437+06	OH-SU-155.0000	20.0 RODS	330 FT.
2437+06	OH-SU-156.0000-RD		
2437+06 – 2442+70	OH-SU-157.0000	34.2 RODS	564 FT.
2442+70 – 2442+94	OH-SU-158.0000	1.5 RODS	24 FT.
2442+94 – 2446+21	OH-SU-159.0000	19.8 RODS	327 FT.
2446+21 – 2451+83	OH-SU-160.0000	34.1 RODS	562 FT.
2451+83 – 2456+64	OH-SU-162.0000	31.5 RODS	520 FT.
2456+64 – 2457+23	OH-SU-163.0000	3.6 RODS	59 FT.
2457+23 – 2471+74	OH-SU-164.0000	87.9 RODS	1451 FT.
2471+74	OH-SU-165.0000-RD		
2471+74 – 2482+00	OH-SU-166.0000	62.2 RODS	1026 FT.
2482+00 – 2483+51	OH-SU-167.0000	9.2 RODS	151 FT.
2483+51 – 2483+76	OH-SU-168.0000	1.5 RODS	25 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2436+95 ROAD EDGE
STA. 2437+05 PAVED, RHEAM RD CENTERLINE
STA. 2437+15 ROAD EDGE
STA. 2438+29 GAS PL
STA. 2440+12 PI ~ 59°59'59" LT
STA. 2441+07 PIPELINE (SCALED)
STA. 2443+29 PI ~ 45°0'0" RT
STA. 2446+52 DRIVEWAY EDGE
STA. 2446+57 DRIVEWAY CENTERLINE
STA. 2446+62 DRIVEWAY EDGE
STA. 2449+79 TOP BANK
STA. 2450+04 TOP BANK
STA. 2450+69 PI ~ 59°58'54" LT
STA. 2452+39 PI ~ 44°57'47" RT
STA. 2457+22 FENCE
STA. 2457+27 PI ~ 7°30'0" LT
STA. 2460+19 PI ~ 5°53'2" LT
STA. 2462+19 FENCE
STA. 2465+78 PI ~ 2°47'10" RT
STA. 2466+27 FENCE
STA. 2469+76 FENCE
STA. 2469+79 TOP BANK
STA. 2469+83 TOE BANK
STA. 2469+84 TOE BANK
STA. 2469+86 TOP BANK
STA. 2469+94 ROAD EDGE
STA. 2470+04 GRAVEL, UNK CENTERLINE
STA. 2470+13 ROAD EDGE
STA. 2470+17 POWERLINE VERT. CLEARANCE 10 FT.
STA. 2470+25 FENCE
STA. 2470+49 FENCE
STA. 2470+54 GAS PL
STA. 2470+67 GAS PL
STA. 2471+59 UNDERGROUND FIBER
STA. 2471+59 POWERLINE VERT. CLEARANCE 15 FT.
STA. 2471+67 TOP BANK
STA. 2471+69 ROAD EDGE
STA. 2471+81 PAVED, CENTER RD CENTERLINE
STA. 2471+92 ROAD EDGE
STA. 2471+94 TOP BANK
STA. 2472+01 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2472+20 POWERLINE VERT. CLEARANCE 75 FT.
STA. 2472+35 PI ~ 2°1'15" RT
STA. 2473+68 POWERLINE VERT. CLEARANCE 61 FT.
STA. 2473+82 DRIVEWAY EDGE
STA. 2473+91 DRIVEWAY CENTERLINE
STA. 2473+99 DRIVEWAY EDGE
STA. 2475+16 DRIVEWAY EDGE
STA. 2475+21 DRIVEWAY CENTERLINE
STA. 2475+26 DRIVEWAY EDGE
STA. 2476+14 POWERLINE VERT. CLEARANCE 55 FT.
STA. 2479+17 PI ~ 1°55'6" RT
STA. 2481+76 TOP BANK
STA. 2481+92 TOP BANK
STA. 2483+55 FENCE

CLASS LOCATION

CLASS 2

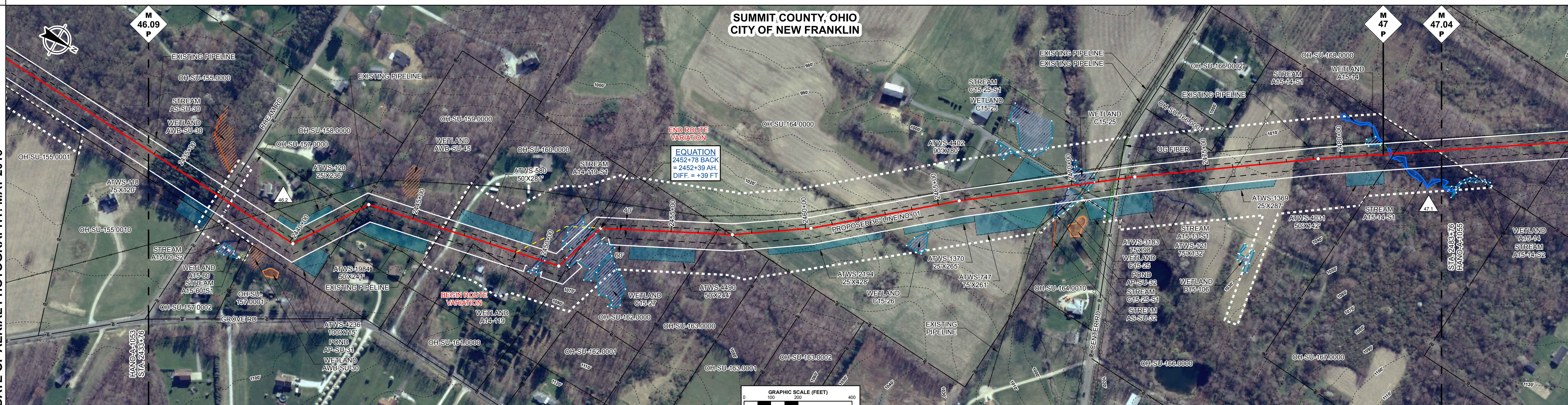
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
46.2	ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.
47.1	RESOURCE UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEY.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 2449+75 WETLAND A14-119 ENTER
STA. 2449+90 CENTERLINE OF STREAM A14-119-S1 TRIBUTARY TO TUSCARAWAS RIVER
STA. 2450+13 WETLAND A14-119 EXIT
STA. 2450+94 WETLAND C15-27 ENTER
STA. 2452+52 WETLAND C15-27 EXIT
STA. 2469+31 WETLAND C15-25 ENTER
STA. 2470+08 WETLAND C15-25 ENTER
STA. 2470+30 WETLAND C15-25 EXIT
STA. 2470+88 WETLAND C15-25 EXIT
STA. 2481+00 WETLAND A15-14 ENTER
STA. 2481+56 WETLAND A15-14 EXIT
STA. 2481+78 STREAM TRIBUTARY TO TUSCARAWAS RIVER A15-14-S1 ENTER
STA. 2482+55 STREAM TRIBUTARY TO TUSCARAWAS RIVER A15-14-S1 EXIT

E & S TYPICALS

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

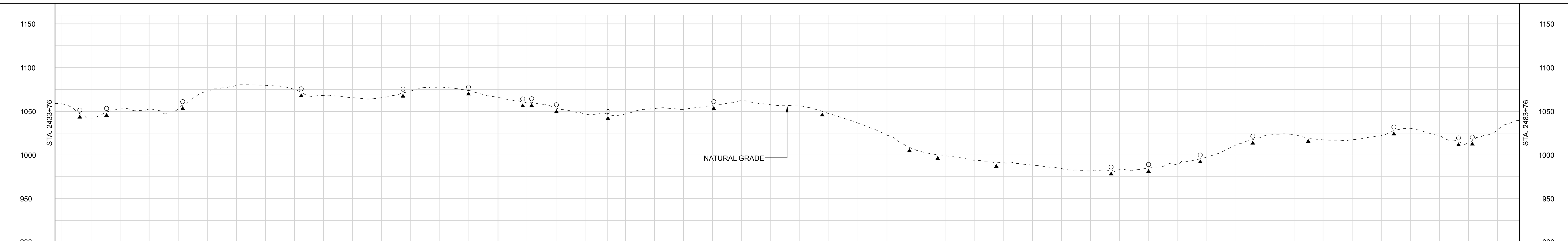
PROFILE

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

LAND USE: OL | F/W | I/C | OL | F/W | OL | F/W | R | F/W | OL | F/W | AG | OL | R | OL | AG | OL | AG | I/C | OL | F/W | OL | AG | F/W | OW | F/W

% SLOPE: 5-15% | 15-30% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (08/2016)
2			ISSUED FOR P3 (03/2016)
1A			ISSUED FOR FERC (02/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. SUMMIT COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1054	REV. 3

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 054 of 278.pdf - PLOT TIME: 2016-08-04 09:38:35

RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2483+76 – 2488+56	OH-SU-168.0000	29.1 RODS	480 FT.
2488+56 – 2494+09	OH-SU-169.0000	33.5 RODS	553 FT.
2494+09 – 2502+97	OH-SU-170.0000	53.8 RODS	888 FT.
2502+97 – 2506+27	OH-SU-171.0000	20.0 RODS	330 FT.
2506+27 – 2525+37	OH-SU-172.0000	120.1 RODS	1981 FT.
2525+37 – 2526+11	OH-SU-173.0000	4.5 RODS	74 FT.
2526+11 – 2530+72	OH-SU-174.0000	27.9 RODS	461 FT.
2530+72 – 2531+39	OH-SU-175.0000-RD	4.1 RODS	67 FT.
2531+39 – 2533+32	OH-SU-176.0000	11.7 RODS	193 FT.
2533+32 – 2533+76	OH-SU-177.0000	2.7 RODS	44 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2493+49 PI ~ 4°27'54" RT
STA. 2497+14 PI ~ 30°0'0" RT
STA. 2502+40 PI ~ 6°16'32" RT
STA. 2502+68 PIPELINE (SCALED)
STA. 2506+27 FENCE
STA. 2512+79 PI ~ 13°5'48" RT
STA. 2517+40 PI ~ 9°24'10" RT
STA. 2520+05 POWERLINE VERT. CLEARANCE 74 FT.
STA. 2520+28 TOWER, 583 FT. RIGHT
STA. 2520+29 POWERLINE VERT. CLEARANCE 74 FT.
STA. 2520+55 POWERLINE VERT. CLEARANCE 74 FT.
STA. 2521+24 PI ~ 89°59'58" LT
STA. 2521+53 HDD ENTRY
STA. 2522+97 TOWER, 92 FT. LEFT
STA. 2530+72 TOP BANK
STA. 2530+78 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2530+85 TOP BANK
STA. 2530+87 ROAD EDGE
STA. 2531+01 PAVED, VAN BUREN RD CENTERLINE
STA. 2531+15 ROAD EDGE
STA. 2531+16 TOP BANK
STA. 2531+21 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2531+27 TOP BANK
STA. 2531+40 POWERLINE VERT. CLEARANCE 16 FT.
STA. 2533+33 FENCE
STA. 2533+45 GAS PL
STA. 2533+65 FENCE

CLASS LOCATION

CLASS 2 | CLASS 1

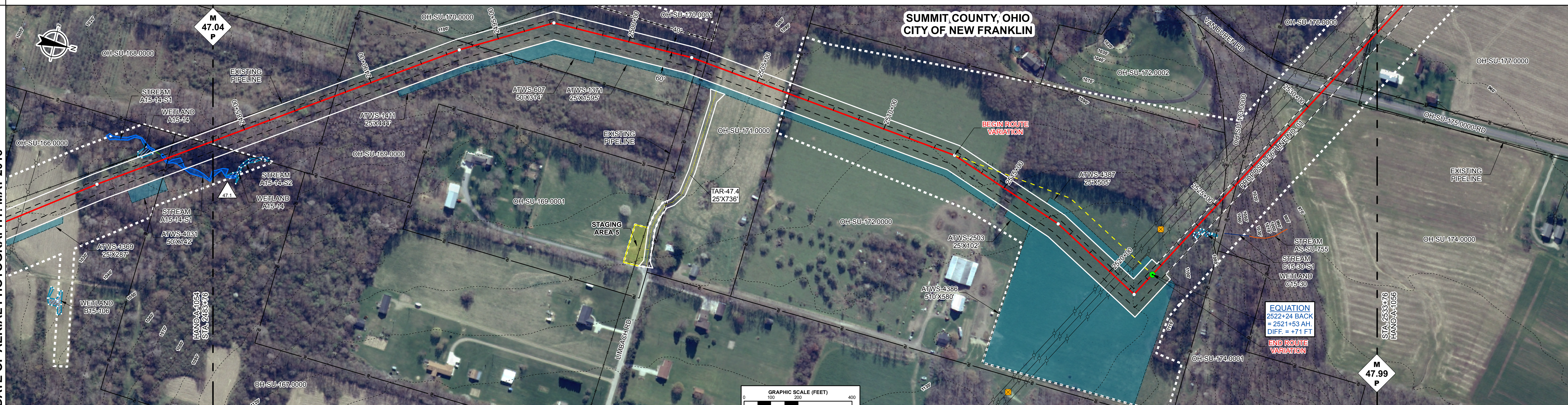
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
47.1	RESOURCE UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEY.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 2523+62 WETLAND C15-30 ENTER
STA. 2524+06 WETLAND C15-30 EXIT

E & S TYPICALS

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

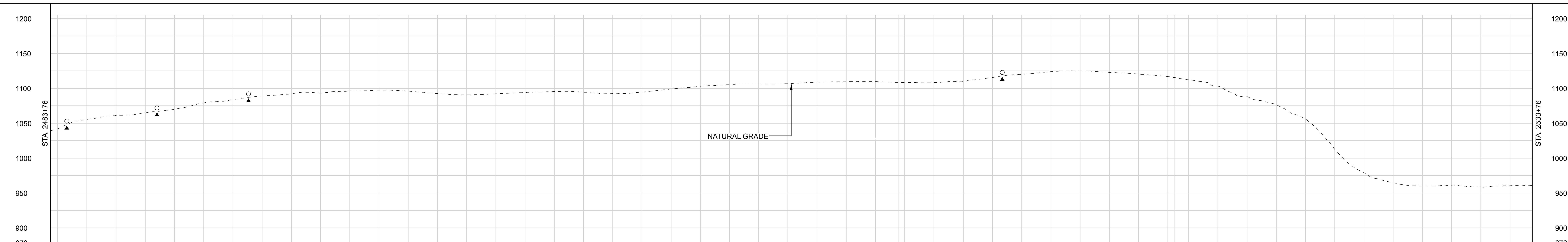
PROFILE

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

LAND USE: F/W | OL | AG | OL | F/W | AG | F/W | AG | F/W | AG | F/W | OL | F/W | AG | I/C | OL | R | OL | AG

% SLOPE: 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | 15-30% | >30% | 15-30% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (08/2016)
2			ISSUED FOR P3 (03/2016)
1A			ISSUED FOR FERC (02/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. SUMMIT COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1055	REV. 3

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 055 of 278.pdf - PLOT TIME: 2016-08-10 17:52:30

RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2533+76	OH-SU-177.0000	49.6 RODS	819 FT.
2541+95	OH-SU-178.0000-WB		
	OH-SU-179.0000	5.3 RODS	88 FT.
2542+83	OH-SU-182.0000	5.1 RODS	84 FT.
2543+67	OH-SU-183.0000-RR	4.2 RODS	69 FT.
2544+36	OH-SU-184.0000	11.8 RODS	195 FT.
2546+31	OH-SU-185.0000	75.2 RODS	1240 FT.
2558+71	OH-SU-186.0000	11.2 RODS	184 FT.
2560+55	OH-SU-185.0000	11.6 RODS	191 FT.
2562+46	OH-SU-187.0000	10.1 RODS	166 FT.
2564+12	OH-SU-188.0000	32.7 RODS	540 FT.
2569+52	OH-SU-189.0000	47.3 RODS	781 FT.
2577+33	OH-SU-190.0000-RD		
	OH-SU-191.0000	24.2 RODS	399 FT.
2581+32	OH-SU-192.0000	14.8 RODS	244 FT.
2583+76			

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2535+81 WATER WELL, 158 FT. LEFT
STA. 2536+68 TOWER, 91 FT. LEFT
STA. 2541+49 TOP BANK
STA. 2541+55 TOE BANK
STA. 2542+35 TOE BANK
STA. 2542+47 TOP BANK
STA. 2542+86 FENCE
STA. 2542+93 ROAD EDGE
STA. 2542+97 PAVED, RALPH REGULA TOWPATH TR CENTERLINE
STA. 2543+02 ROAD EDGE
STA. 2543+07 TOP BANK
STA. 2543+17 TOE BANK
STA. 2543+44 TOE BANK
STA. 2544+02 RAILROAD CENTERLINE
STA. 2544+21 TOE BANK
STA. 2544+33 TOP BANK
STA. 2546+30 FENCE
STA. 2554+16 HDD EXIT
STA. 2558+70 TOWER, 90 FT. LEFT
STA. 2558+86 PI ~ 9°38'32" RT
STA. 2565+28 PIPELINE (SCALED)
STA. 2567+70 PI ~ 45°0'0" LT
STA. 2572+51 PI ~ 5°34'30" RT
STA. 2577+12 UNDERGROUND UNKNOWN
STA. 2577+14 TOP BANK
STA. 2577+18 DITCH, DEPTH 1.0 FT. CENTERLINE
STA. 2577+21 TOP BANK
STA. 2577+22 ROAD EDGE
STA. 2577+33 PAVED, FAIRLAND RD CENTERLINE
STA. 2577+43 ROAD EDGE
STA. 2577+64 TOE BANK
STA. 2578+19 TOWER, 90 FT. LEFT
STA. 2580+41 PI ~ 44°59'59" LT
STA. 2581+16 UNK PL
STA. 2581+32 POWERLINE VERT. CLEARANCE 63 FT.
STA. 2581+41 PIPELINE (SCALED)
STA. 2581+66 POWERLINE VERT. CLEARANCE 68 FT.
STA. 2581+67 TOP BANK
STA. 2582+00 TOP BANK
STA. 2582+05 POWERLINE VERT. CLEARANCE 72 FT.
STA. 2582+15 UNK PL

CLASS LOCATION

CLASS 1 | CLASS 3

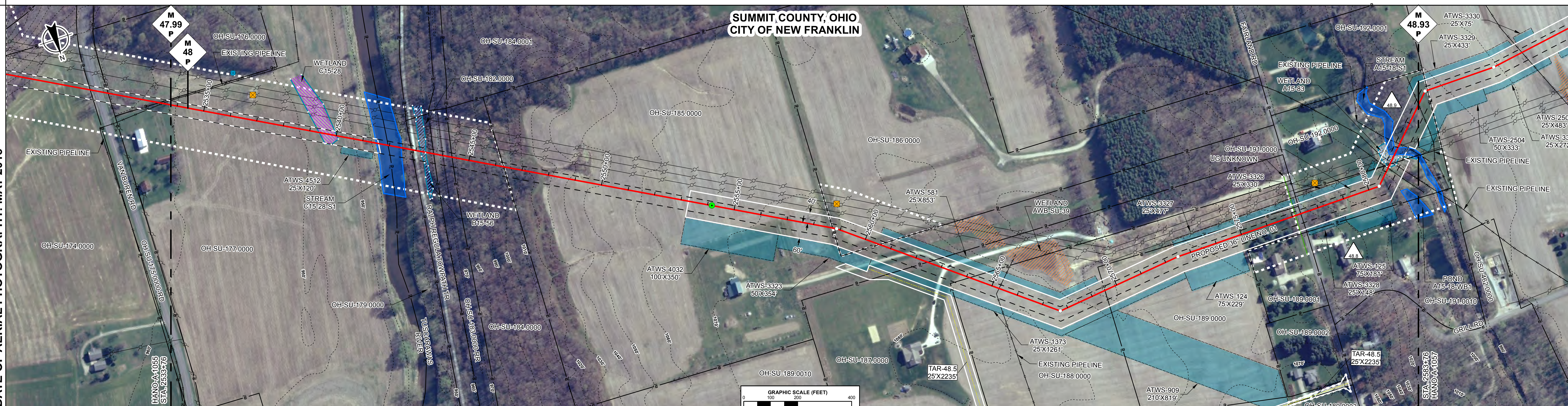
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
48.8	ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.
48.9	TWS AND RESOURCES UPDATED BASED ON NEW WETLAND/WATERBODY FIELD SURVEYS.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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
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. 2539+23 WETLAND C15-28 ENTER
STA. 2540+10 WETLAND C15-28 EXIT
STA. 2541+45 STREAM TUSCARAWAS RIVER C15-28-S1 ENTER
STA. 2542+54 STREAM TUSCARAWAS RIVER C15-28-S1 EXIT
STA. 2543+12 WETLAND B15-56 ENTER
STA. 2543+51 WETLAND B15-56 EXIT
STA. 2581+20 WETLAND A15-83 ENTER
STA. 2581+63 PANCAKE CREEK A15-18-S1 ENTER
STA. 2581+89 WETLAND A15-83 EXIT
STA. 2582+34 PANCAKE CREEK A15-18-S1 EXIT

E & S TYPICALS

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

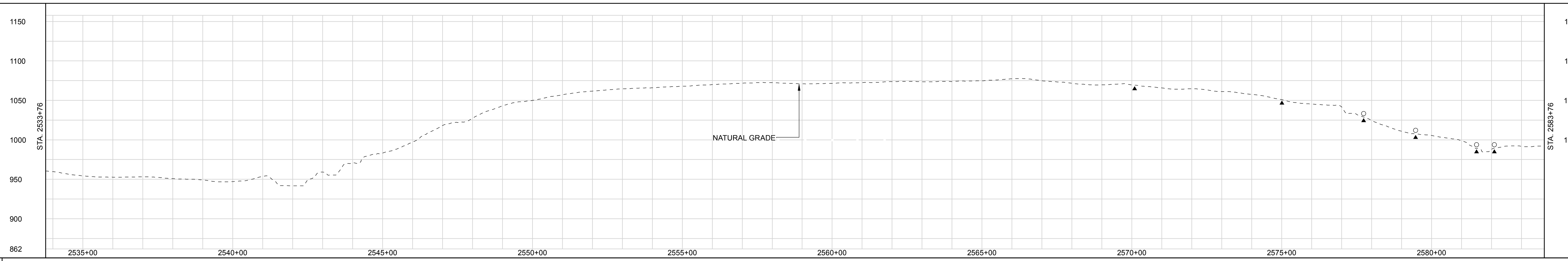
PROFILE

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

LAND USE: AG | OL | OW | OL | I/C | OL | I/C | F/W | OL | AG | OL | AG | OL | R | OL | R | AG | OL | I/C | OL | OW | OL | F/W | OL

% SLOPE: <5% | 5-15% | <5% | 5-15% | 15-30% | <5% | 30-45% | 5-15% | 30-45% | 15-30% | 5-15% | 15-30% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 15-30% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3A			ISSUED FOR FERC (08/2016)
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
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.

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

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

LOC. SUMMIT COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1056	REV. 3A

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 056 of 278.pdf - PLOT TIME: 2016-08-04 08:44:49

RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2633+71 – 2641+64	OH-SU-200.0000	48.1 RODS	793 FT.
2641+64 – 2644+56	OH-SU-201.0000	17.7 RODS	292 FT.
2644+56 – 2647+44	OH-SU-202.0000	17.5 RODS	288 FT.
2647+44 – 2650+22	OH-SU-203.0000	18.2 RODS	300 FT.
2650+22 – 2652+44	OH-SU-204.0000	13.5 RODS	222 FT.
2652+44 – 2655+03	OH-SU-205.0000	15.7 RODS	259 FT.
2655+03 – 2660+70	OH-SU-206.0000	34.4 RODS	567 FT.
2660+70	OH-SU-207.0000-RD		
2660+70 – 2673+95	OH-WA-001.0000	80.3 RODS	1325 FT.
2673+95 – 2683+76	OH-WA-002.0000	59.5 RODS	981 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2635+67 PI ~ 19°59'59" LT
STA. 2638+64 TOP BANK
STA. 2638+74 TOP BANK
STA. 2640+15 GAS PL
STA. 2641+08 PI ~ 16°2'55" RT
STA. 2642+87 TOWER, 106 FT. LEFT
STA. 2644+55 FENCE
STA. 2646+10 FENCE
STA. 2646+66 FENCE
STA. 2648+91 PI ~ 1°31'0" RT
STA. 2649+13 FENCE
STA. 2650+72 TOWER, 90 FT. LEFT
STA. 2652+35 PI ~ 29°59'59" RT
STA. 2656+49 PI ~ 29°59'59" LT
STA. 2659+57 UNDERGROUND POWER
STA. 2660+55 TOE BANK
STA. 2660+58 TOP BANK
STA. 2660+58 ROAD EDGE
STA. 2660+69 MUNICIPALITY LINE
STA. 2660+70 PAVED, TAYLOR RD CENTERLINE
STA. 2660+79 ROAD EDGE
STA. 2660+82 TOE BANK
STA. 2660+84 POWERLINE VERT. CLEARANCE 15 FT.
STA. 2660+89 TOP BANK
STA. 2660+94 GAS PL
STA. 2661+90 MLV04
STA. 2663+00 PI ~ 11°54'17" LT
STA. 2664+02 TOP BANK
STA. 2664+15 DRAIN, DEPTH 1.0 FT. CENTERLINE
STA. 2664+25 TOP BANK
STA. 2668+26 TOWER, 192 FT. LEFT
STA. 2672+91 PI ~ 12°10'6" RT
STA. 2674+05 DRIVEWAY EDGE
STA. 2674+10 DRIVEWAY CENTERLINE
STA. 2674+14 DRIVEWAY EDGE
STA. 2675+31 POWERLINE VERT. CLEARANCE 47 FT.
STA. 2675+44 TOWER, 341 FT. RIGHT
STA. 2675+45 POWERLINE VERT. CLEARANCE 35 FT.
STA. 2675+46 TOWER, 384 FT. LEFT
STA. 2675+59 POWERLINE VERT. CLEARANCE 47 FT.
STA. 2676+63 TOWER, 90 FT. LEFT
STA. 2676+85 TOWER, 224 FT. LEFT
STA. 2677+14 TOWER, 253 FT. LEFT
STA. 2677+14 TOWER, 196 FT. LEFT
STA. 2677+43 TOWER, 225 FT. LEFT

CLASS LOCATION

CLASS 3 — CLASS 1

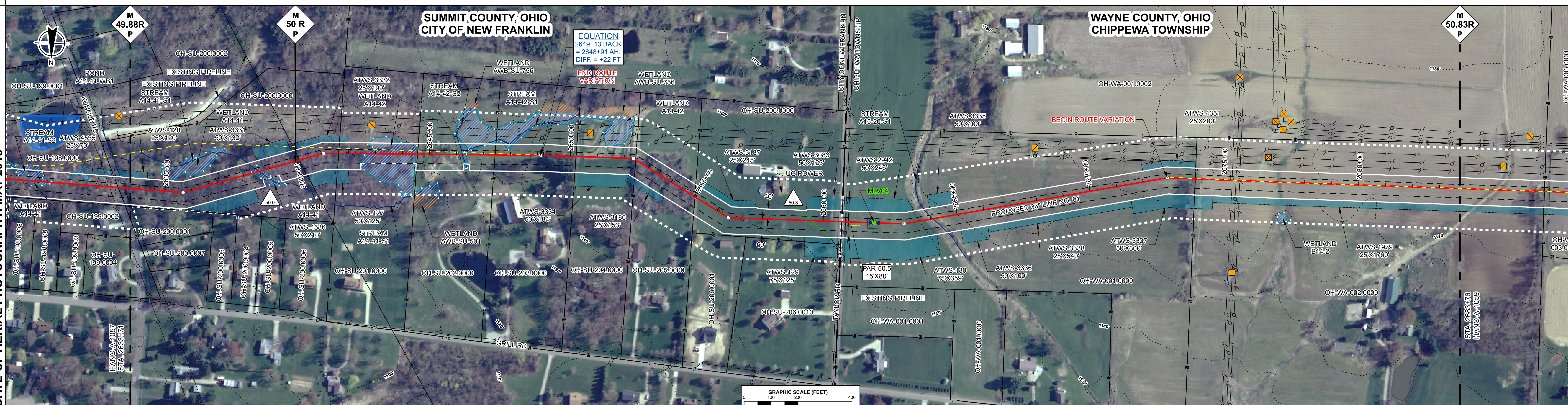
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
50.0	ATWS/TWS AND RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.
50.3	ATWS/TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 2638+33 WETLAND A14-41 ENTER
STA. 2638+60 CENTERLINE OF STREAM A14-41-S1 TRIBUTARY TO PANCAKE CREEK
STA. 2639+02 WETLAND A14-41 EXIT
STA. 2642+50 WETLAND A14-42 ENTER
STA. 2644+55 WETLAND A14-42 EXIT
STA. 2646+13 WETLAND A14-42 ENTER
STA. 2646+23 CENTERLINE OF STREAM A14-42-S2 TRIBUTARY TO PANCAKE CREEK
STA. 2646+30 CENTERLINE OF STREAM A14-42-S1 TRIBUTARY TO PANCAKE CREEK
STA. 2647+30 WETLAND A14-42 EXIT
STA. 2647+74 WETLAND A14-42 ENTER
STA. 2648+16 WETLAND A14-42 EXIT
STA. 2651+31 WETLAND A14-42 ENTER
STA. 2651+43 WETLAND A14-42 EXIT
STA. 2664+08 CENTERLINE OF STREAM A15-20-S1 TRIBUTARY TO PANCAKE CREEK

E & S TYPICALS

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

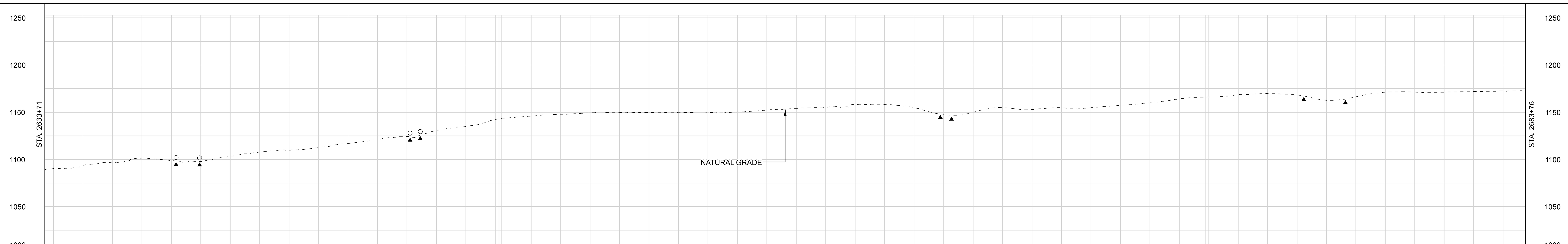
PROFILE

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

LAND USE: F/W | OL | F/W | OL | F/W | OL | F/W | OL | R | F/W | R | I/C | AG | OL | AG

% SLOPE: 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION

REFERENCE DRAWINGS

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (08/2016)
2			ISSUED FOR P3 (03/2016)
1A			ISSUED FOR FERC (02/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. SUMMIT COUNTY, OHIO AND WAYNE COUNTY, OHIO

YEAR: 2017 | W.B.S. | Scale 1" = 200' | HANO-A-1058 | REV. 3

NEXUS GAS TRANSMISSION

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IG.#

RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2683+76 – 2686+89	OH-WA-002.0000	19.0 RODS	313 FT.
2686+89 – 2696+30	OH-WA-003.0000	57.0 RODS	941 FT.
2696+30	OH-WA-004.0000-RD		
2696+30 – 2700+13	OH-WA-005.0000	23.2 RODS	383 FT.
2700+13 – 2708+58	OH-WA-006.0000	51.2 RODS	845 FT.
2708+58 – 2709+29	OH-WA-007.0000	4.3 RODS	71 FT.
2709+29 – 2710+63	OH-WA-006.0000	8.1 RODS	134 FT.
2710+63 – 2715+43	OH-WA-008.0000	29.1 RODS	480 FT.
2715+43	OH-WA-009.0000-RD		
2715+43 – 2726+31	OH-WA-010.0000	65.9 RODS	1088 FT.
2726+31 – 2731+74	OH-WA-011.0000	32.9 RODS	543 FT.
2731+74 – 2733+82	OH-WA-012.0000	12.6 RODS	208 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2685+03 DRIVEWAY EDGE
STA. 2685+10 DRIVEWAY CENTERLINE
STA. 2685+16 DRIVEWAY EDGE
STA. 2685+34 TOWER, 90 FT. LEFT
STA. 2686+30 TOWER, 203 FT. LEFT
STA. 2686+55 DRIVEWAY EDGE
STA. 2686+60 DRIVEWAY CENTERLINE
STA. 2686+66 DRIVEWAY EDGE
STA. 2687+08 FENCE
STA. 2694+64 TOWER, 203 FT. LEFT
STA. 2694+76 TOWER, 90 FT. LEFT
STA. 2695+42 FENCE
STA. 2695+60 FENCE
STA. 2696+15 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2696+27 ROAD EDGE
STA. 2696+48 PAVED, SH 21 CENTERLINE
STA. 2696+63 ROAD EDGE
STA. 2696+86 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2697+06 ROAD EDGE
STA. 2697+22 PAVED, SH 21 CENTERLINE
STA. 2697+43 ROAD EDGE
STA. 2697+64 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2698+08 FENCE
STA. 2700+10 FENCE
STA. 2703+13 TOWER, 203 FT. LEFT
STA. 2703+62 TOWER, 90 FT. LEFT
STA. 2708+64 PI ~ 60°0'24" LT
STA. 2709+38 POWERLINE VERT. CLEARANCE 100 FT.
STA. 2709+68 POWERLINE VERT. CLEARANCE 100 FT.
STA. 2710+01 POWERLINE VERT. CLEARANCE 100 FT.
STA. 2710+50 POWERLINE VERT. CLEARANCE 100 FT.
STA. 2710+66 POWERLINE VERT. CLEARANCE 150 FT.
STA. 2710+80 POWERLINE VERT. CLEARANCE 100 FT.
STA. 2712+44 PI ~ 59°59'6" RT
STA. 2714+42 TOWER, 126 FT. RIGHT
STA. 2714+50 TOWER, 239 FT. RIGHT
STA. 2715+19 POWERLINE (SCALED)
STA. 2715+33 ROAD EDGE
STA. 2715+43 PAVED, HAMETOWN RD CENTERLINE
STA. 2715+52 ROAD EDGE
STA. 2715+66 POWERLINE (SCALED)
STA. 2722+72 TOWER, 239 FT. RIGHT
STA. 2723+27 TOWER, 126 FT. RIGHT
STA. 2724+31 PI ~ 60°0'53" RT
STA. 2726+37 FENCE
STA. 2726+80 PI ~ 7°7'23" LT
STA. 2733+82 TOWER, 279 FT. RIGHT
STA. 2733+82 TOWER, 135 FT. RIGHT

CLASS LOCATION

CLASS 1 | CLASS 2 | CLASS 1

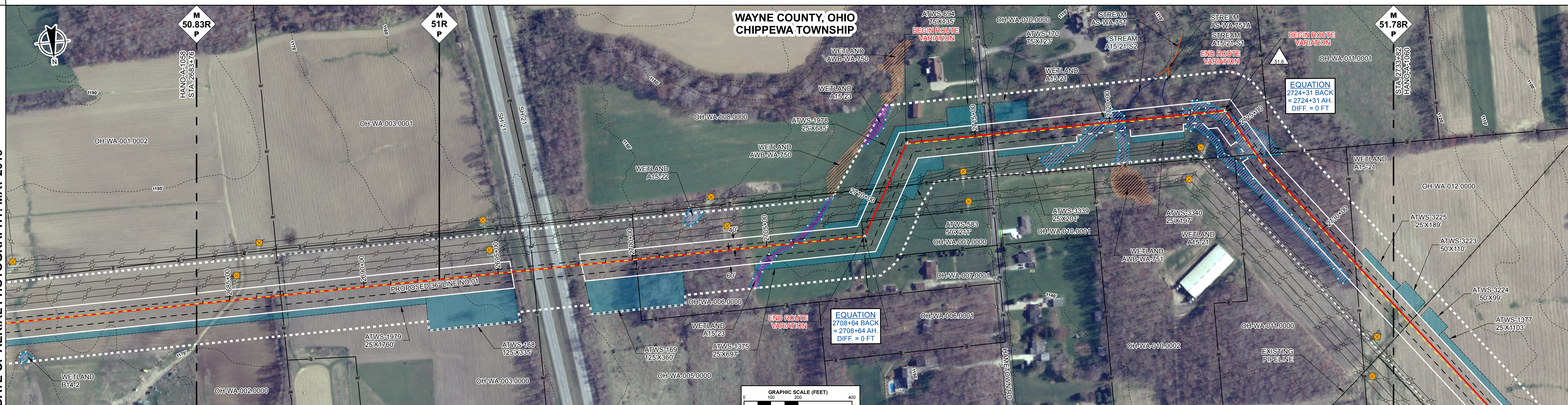
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
51.6	ATWS/TWS AND RESOURCES UPDATED BASED ON WETLAND FIELD SURVEY.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 2704+53 WETLAND A15-23 ENTER
STA. 2706+72 WETLAND A15-23 EXIT
STA. 2718+98 WETLAND A15-21 ENTER
STA. 2720+56 WETLAND A15-21 EXIT
STA. 2722+73 WETLAND A15-21 ENTER
STA. 2722+73 CENTERLINE OF STREAM A15-21-S1 TRIBUTARY TO SILVER CREEK
STA. 2726+62 WETLAND A15-21 EXIT
STA. 2727+37 WETLAND A15-21 ENTER
STA. 2732+05 WETLAND A15-21 EXIT

E & S TYPICALS

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

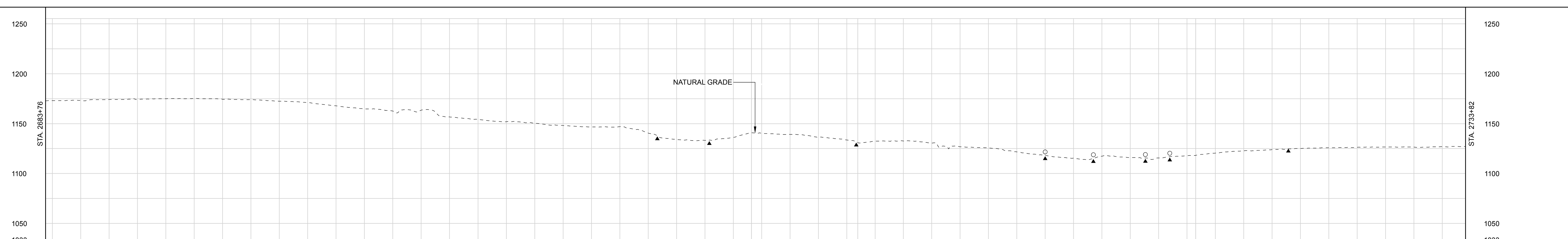
PROFILE

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

LAND USE: AG | OL | I/C | OL | F/W | OL | F/W | OL | AG | OL | AG | I/C | OL | F/W | OL | F/W | OL | F/W | AG

% SLOPE: < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 15-30% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. WAYNE COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1059	REV. 3

IG.#

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RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
2783+78	OH-WA-016.0000/OH-WA-018.0000	48.7 RODS	803 FT.
2791+81 (OH-WA-019.0000-RD)	OH-WA-020.0000	17.5 RODS	288 FT.
2794+69	OH-WA-021.0000/OH-WA-022.0000	31.6 RODS	522 FT.
2799+45 (OH-WA-023.0000-RD)	OH-WA-024.0000	54.4 RODS	897 FT.
2808+42	OH-WA-026.0000	106.1 RODS	1750 FT.
2826+57 (OH-WA-029.0000-RD)	OH-WA-030.0000	43.6 RODS	719 FT.
2833+76 (OH-WA-030.0100-RD)			

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2784+23 PI ~ 20°7'5" LT
STA. 2785+28 TOP BANK
STA. 2785+81 TOP BANK
STA. 2786+32 PI ~ 14°28'42" LT
STA. 2787+97 TOP BANK
STA. 2788+69 TOP BANK
STA. 2790+33 PI ~ 11°0'51" RT
STA. 2791+63 TOP BANK
STA. 2791+69 TOE BANK
STA. 2791+71 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2791+71 ROAD EDGE
STA. 2791+81 PAVED, CR 61 CENTERLINE
STA. 2791+90 ROAD EDGE
STA. 2791+93 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2792+02 GAS PL
STA. 2792+05 POWERLINE VERT. CLEARANCE 16 FT.
STA. 2793+05 WATER WELL, 42 FT. RIGHT
STA. 2794+91 PI ~ 59°16'19" RT
STA. 2795+25 MUNICIPALITY LINE
STA. 2795+21 TOP BANK
STA. 2795+42 TOP BANK
STA. 2797+88 MUNICIPALITY LINE
STA. 2798+15 PI ~ 17°0'14" RT
STA. 2799+12 POWERLINE VERT. CLEARANCE 10 FT.
STA. 2799+28 FENCE
STA. 2799+32 ROAD EDGE
STA. 2799+45 CR 5A CENTERLINE (SCALED)
STA. 2799+55 ROAD EDGE
STA. 2799+58 FENCE
STA. 2799+64 POWERLINE VERT. CLEARANCE 10 FT.
STA. 2799+69 MUNICIPALITY LINE
STA. 2801+83 PI ~ 17°26'44" LT
STA. 2803+81 PI ~ 14°59'59" LT
STA. 2804+47 WATER WELL, 176 FT. RIGHT
STA. 2805+96 MUNICIPALITY LINE
STA. 2807+71 FIRE HYDRANT, 213 FT. RIGHT
STA. 2807+74 MUNICIPALITY LINE
STA. 2808+94 ROAD EDGE
STA. 2808+95 ROAD EDGE
STA. 2810+65 PI ~ 17°40'39" LT
STA. 2818+81 PI ~ 60°0'0" RT
STA. 2821+91 PI ~ 60°0'0" LT
STA. 2823+30 GAS PL
STA. 2823+42 FENCE
STA. 2826+07 UNDERGROUND TELEPHONE
STA. 2826+13 TOP BANK
STA. 2826+29 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2826+32 FIRE HYDRANT, 281 FT. LEFT
STA. 2826+34 TOP BANK
STA. 2826+44 ROAD EDGE
STA. 2826+57 PAVED, CR 209 CENTERLINE
STA. 2826+70 ROAD EDGE
STA. 2826+79 TOP BANK
STA. 2826+86 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2826+87 UNDERGROUND POWER
STA. 2826+99 TOP BANK
STA. 2828+67 PI ~ 45°0'0" RT
STA. 2829+76 TOP BANK
STA. 2829+96 TOE BANK
STA. 2830+07 ROAD EDGE
STA. 2830+36 PAVED, SH 585 N CENTERLINE
STA. 2830+66 ROAD EDGE
STA. 2830+96 ROAD EDGE
STA. 2831+17 PAVED, SH 585 S CENTERLINE
STA. 2831+37 ROAD EDGE
STA. 2831+39 TOP BANK
STA. 2831+53 TOE BANK
STA. 2832+79 PI ~ 60°0'0" LT

CLASS LOCATION

CLASS 3

PIPE MATERIAL

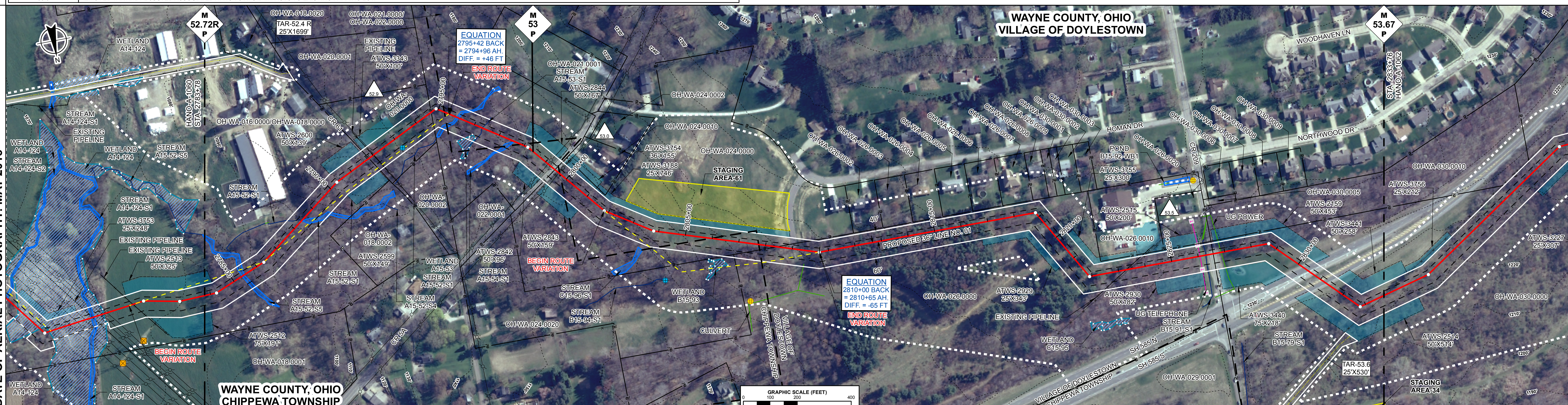
PROJECT MODIFICATION TABLE

PROJ. MOD. NUMBER	DESCRIPTION
52.9	ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.
53.0	ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.
53.5	REMOVED TAR AND ADJUSTED ASSOCIATED ATWS TO AVOID IMPACTS TO EXISTING PARKING LOT.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 2785+36 STREAM TRIBUTARY TO SILVER CREEK A15-52-S5 ENTER
STA. 2785+58 STREAM TRIBUTARY TO SILVER CREEK A15-52-S5 EXIT
STA. 2788+40 CENTERLINE OF STREAM A15-52-S1 TRIBUTARY TO SILVER CREEK
STA. 2788+41 STREAM TRIBUTARY TO SILVER CREEK A15-52-S1 ENTER
STA. 2789+36 STREAM TRIBUTARY TO SILVER CREEK A15-52-S1 EXIT
STA. 2795+37 STREAM TRIBUTARY TO SILVER CREEK A15-52-S1 ENTER
STA. 2795+70 STREAM TRIBUTARY TO SILVER CREEK A15-52-S1 EXIT
STA. 2795+87 WETLAND A15-53 ENTER
STA. 2796+22 WETLAND A15-53 EXIT
STA. 2796+30 CENTERLINE OF STREAM A15-53-S1 TRIBUTARY TO SILVER CREEK
STA. 2797+12 STREAM TRIBUTARY TO SILVER CREEK A15-54-S1 ENTER
STA. 2797+58 STREAM TRIBUTARY TO SILVER CREEK A15-54-S1 EXIT
STA. 2826+29 CENTERLINE OF STREAM B15-91-S1 TRIBUTARY TO SILVER CREEK

E & S TYPICALS

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

PROFILE

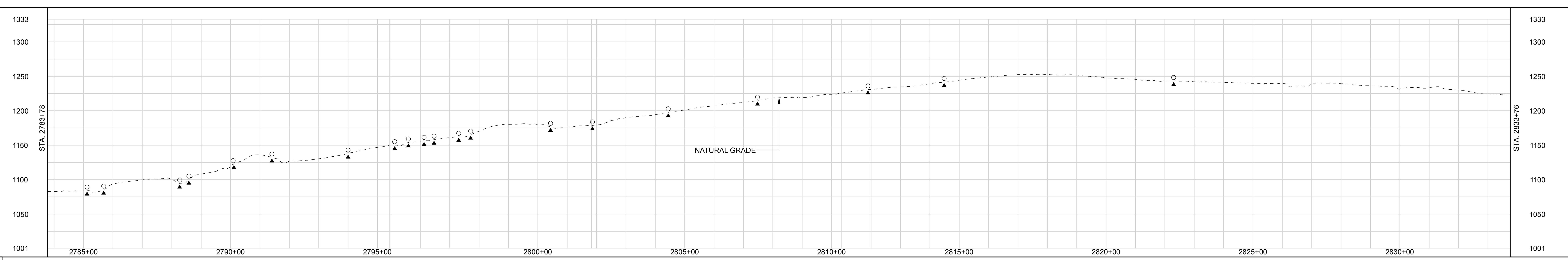
THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD.

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

LAND USE: AG | F/W | OW | F/W | I/C | OL | F/W | OW | F/W | OL | F/W | I/C | F/W | OL | F/W | OL | F/W | OL | I/C | OL | F/W | OL | I/C | OL | F/W

% SLOPE: <5% | 5-15% | 15-30% | <5% | 15-30% | 5-15% | 15-30% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3A			ISSUED FOR FERC (08/2016)
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1A			ISSUED FOR FERC (02/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. WAYNE COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017 | W.B.S. | Scale 1" = 200' | HANO-A-1061 | REV. 3A

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 061 of 278.pdf - PLOT TIME: 2016-08-08 13:43:47

RIGHT-OF-WAY

TRACT NUMBERS

Tract	Rods	Feet	Station range
OH-WA-041.0000	5.3 RODS	88 FT.	2933+76 – 2934+64
OH-WA-042.0000	31.2 RODS	515 FT.	2934+64 – 2939+79
OH-WA-043.0000-RD			2939+79
OH-WA-044.0000	4.8 RODS	80 FT.	– 2940+59
OH-WA-045.0000	3.3 RODS	55 FT.	2940+59 – 2941+14
OH-WA-047.0000	6.5 RODS	108 FT.	2941+14 – 2942+22
OH-WA-048.0000	32.9 RODS	543 FT.	2942+22 – 2947+65
OH-WA-049.0000	89.9 RODS	1483 FT.	2947+65 – 2962+48
OH-WA-050.0000	64.3 RODS	1061 FT.	2962+48 – 2973+09
OH-WA-051.0000	18.7 RODS	308 FT.	2973+09 – 2976+17
OH-WA-052.0000	17.5 RODS	288 FT.	2976+17 – 2979+05
OH-WA-053.0000	15.2 RODS	251 FT.	2979+05 – 2981+56
OH-WA-054.0000	13.3 RODS	220 FT.	2981+56 – 2983+76

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2934+64 FENCE
STA. 2936+22 PI ~ 16°40'26" RT
STA. 2939+53 TOP BANK
STA. 2939+54 POWERLINE (LIDAR)
STA. 2939+54 ABOVEGROUND TELEPHONE
STA. 2939+59 TOE BANK
STA. 2939+63 TOP BANK
STA. 2939+64 ROAD EDGE
STA. 2939+75 POWERLINE (LIDAR)
STA. 2939+77 PAVED, SH 94 CENTERLINE
STA. 2939+88 ROAD EDGE
STA. 2940+04 POWERLINE VERT. CLEARANCE 16 FT.
STA. 2940+17 POWERLINE VERT. CLEARANCE 12 FT.
STA. 2940+61 SEPTIC TANK, 38 FT. LEFT
STA. 2942+10 DRAIN, DEPTH 0 FT. CENTERLINE
STA. 2944+56 PI ~ 22°30'0" RT
STA. 2947+60 POWERLINE (SCALED)
STA. 2948+15 PI ~ 12°24'46" RT
STA. 2958+32 TOP BANK
STA. 2958+46 DRAIN, DEPTH 0 FT. CENTERLINE
STA. 2958+58 TOP BANK
STA. 2961+64 PI ~ 60°1'53" LT
STA. 2967+17 ROAD EDGE
STA. 2967+64 POWERLINE VERT. CLEARANCE 12 FT.
STA. 2967+68 DRIVEWAY EDGE
STA. 2967+74 DRIVEWAY CENTERLINE
STA. 2968+06 TANK SITE, 102 FT. RIGHT
STA. 2968+84 GAS WELL, 63 FT. RIGHT
STA. 2973+14 PI ~ 29°59'59" RT
STA. 2977+27 PI ~ 4°19'36" LT
STA. 2978+69 WATER WELL, 45 FT. RIGHT
STA. 2981+20 PI ~ 16°43'1" RT
STA. 2981+75 WATER WELL, 95 FT. RIGHT
STA. 2981+81 FENCE

CLASS LOCATION

CLASS 2

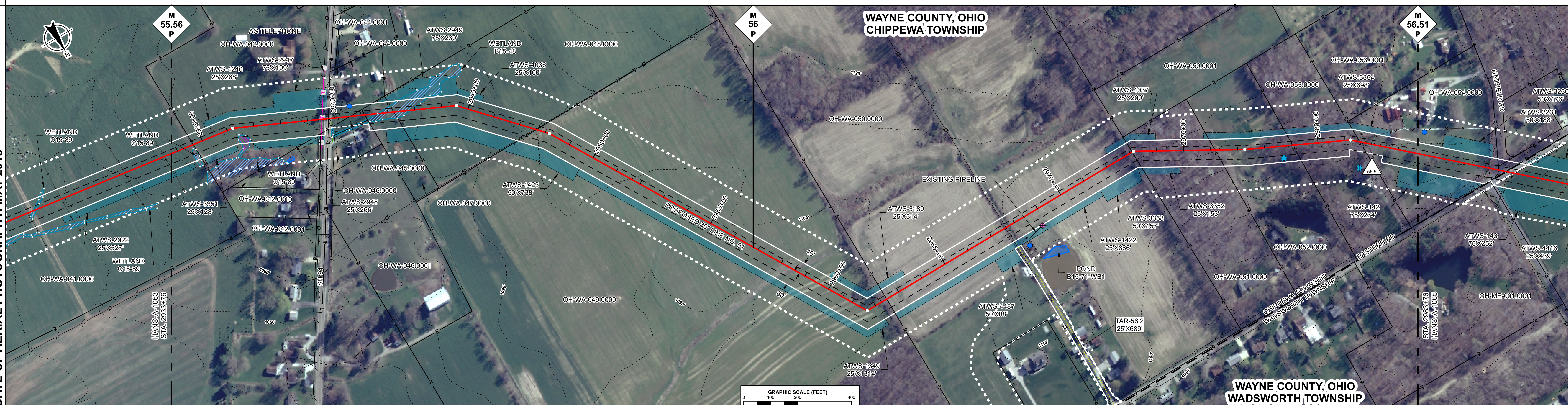
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
56.5	TWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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
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. 2934+48 WETLAND C15-89 ENTER
STA. 2934+69 WETLAND C15-89 EXIT
STA. 2936+39 WETLAND C15-89 ENTER
STA. 2936+83 WETLAND C15-89 EXIT
STA. 2940+71 WETLAND B15-48 ENTER
STA. 2944+56 WETLAND B15-48 EXIT

E & S TYPICALS

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

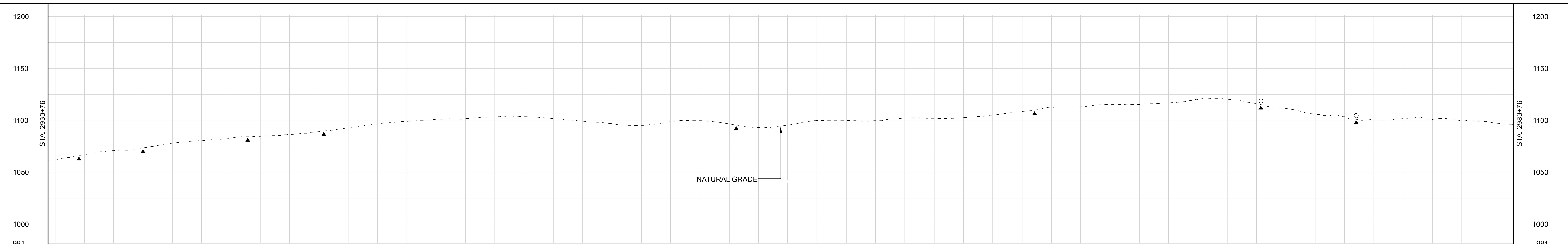
PROFILE

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

LAND USE: AG | I/C | R | OL | AG | F/W | AG | OL | F/W | R

% SLOPE: <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (08/2016)
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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

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

LOC. WAYNE COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1064	REV. 3

IG.#

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RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Length (rods)	Length (ft)
2983+76	OH-WA-054.0000	18.5 RODS	305 FT.
2986+81	OH-WA-055.0000-RD		
2986+81	OH-WA-056.0000-RD	1.6 RODS	27 FT.
2987+08	OH-ME-001.0000	61.5 RODS	1014 FT.
2997+22	OH-ME-002.0000-RR	6.1 RODS	100 FT.
2998+22	OH-ME-003.0000-RD		
2998+22	OH-ME-004.0000	120.6 RODS	1990 FT.
3018+11	OH-WA-057.0100-RD		
3018+11	OH-WA-057.0200	10.4 RODS	171 FT.
3019+82	OH-WA-057.0300	16.7 RODS	275 FT.
3022+57	OH-WA-057.0400	8.4 RODS	139 FT.
3023+96	OH-WA-057.0500	3.4 RODS	56 FT.
3024+52	OH-WA-057.0600	6.0 RODS	99 FT.
3025+51	OH-WA-057.0500	6.0 RODS	99 FT.
3026+50	OH-WA-057.0700	1.1 RODS	18 FT.
3026+68	OH-WA-057.0800-RD	16.2 RODS	268 FT.
3029+36	OH-WA-058.0000	32.0 RODS	528 FT.
3033+75			

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 2983+84 SEPTIC TANK, 84 FT. LEFT
STA. 2986+39 POWERLINE VERT. CLEARANCE 18 FT.
STA. 2986+42 FENCE
STA. 2986+58 ROAD EDGE
STA. 2986+75 PAVED, HATFIELD RD CENTERLINE
STA. 2987+10 MUNICIPALITY LINE
STA. 2987+11 PAVED, EASTERN RD CENTERLINE
STA. 2987+26 ROAD EDGE
STA. 2987+31 TOP BANK
STA. 2987+43 POWERLINE VERT. CLEARANCE 15 FT.
STA. 2992+56 OIL PL
STA. 2995+42 PI ~ 17°23'27" LT
STA. 2996+12 TEE TAP, BRICKYARD & RITTMAN INDUSTRIAL TAP
STA. 2997+17 TOE BANK
STA. 2997+26 TOP BANK
STA. 2997+35 TOP BANK
STA. 2997+44 DITCH, DEPTH 1.5 FT. CENTERLINE
STA. 2997+50 TOP BANK
STA. 2997+50 GAS PL
STA. 2997+63 RAILROAD TOE
STA. 2997+73 RAILROAD TOP
STA. 2997+77 RAILROAD CENTERLINE
STA. 2997+81 RAILROAD TOP
STA. 2997+87 RAILROAD TOE
STA. 2997+89 TOP BANK
STA. 2997+92 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2997+99 TOP BANK
STA. 2998+16 TOP BANK
STA. 2998+23 POWERLINE VERT. CLEARANCE 12 FT.
STA. 2998+26 DITCH, DEPTH 0 FT. CENTERLINE
STA. 2998+34 TOP BANK
STA. 2998+37 ROAD EDGE
STA. 2998+50 PAVED, RITTMAN RD CENTERLINE
STA. 2998+63 ROAD EDGE
STA. 3001+17 PI ~ 44°59'59" LT
STA. 3005+60 OIL WELL, 104 FT. LEFT
STA. 3005+65 TANK BATTERY, 110 FT. LEFT
STA. 3007+29 TANK BATTERY, 101 FT. LEFT
STA. 3009+50 OIL PL
STA. 3010+28 PI ~ 6°43'55" LT
STA. 3015+72 PI ~ 60°2'24" LT
STA. 3017+94 GAS PL
STA. 3017+95 TOP BANK
STA. 3017+96 POWERLINE VERT. CLEARANCE UNK FT.
STA. 3017+97 TOE BANK
STA. 3018+03 TOP BANK
STA. 3018+05 ROAD EDGE
STA. 3018+15 MUNICIPALITY LINE
STA. 3018+15 PAVED, EASTERN RD CENTERLINE
STA. 3018+25 ROAD EDGE
STA. 3018+27 TOP BANK
STA. 3018+34 TOE BANK
STA. 3018+40 TOP BANK
STA. 3020+77 PI ~ 44°59'56" RT
STA. 3022+71 TOP BANK
STA. 3022+76 TOE BANK
STA. 3022+81 TOP BANK
STA. 3023+25 PI ~ 45°0'3" RT
STA. 3026+46 TOP BANK
STA. 3026+47 TOE BANK
STA. 3026+62 TOE BANK
STA. 3026+66 TOP BANK
STA. 3026+69 FENCE
STA. 3026+72 TOP BANK
STA. 3026+78 TOE BANK
STA. 3026+86 TOP BANK
STA. 3026+92 DITCH, DEPTH 0 FT. CENTERLINE
STA. 3026+99 TOP BANK
STA. 3027+08 TOE BANK
STA. 3027+35 TOP BANK
STA. 3027+38 FENCE
STA. 3027+43 ROAD EDGE
STA. 3027+61 PAVED, SH 57 CENTERLINE
STA. 3027+68 MUNICIPALITY LINE
STA. 3027+78 ROAD EDGE
STA. 3027+83 FENCE
STA. 3027+86 TOP BANK
STA. 3028+27 TOP BANK
STA. 3028+35 DITCH, DEPTH 0 FT. CENTERLINE
STA. 3028+43 TOP BANK
STA. 3028+51 LIGHT POLE, 283 FT. RIGHT
STA. 3028+57 LIGHT POLE, 345 FT. RIGHT
STA. 3028+71 LIGHT POLE, 219 FT. RIGHT
STA. 3028+91 LIGHT POLE, 153 FT. RIGHT
STA. 3028+96 LIGHT POLE, 353 FT. RIGHT
STA. 3029+34 FENCE
STA. 3029+50 LIGHT POLE, 358 FT. RIGHT
STA. 3029+73 LIGHT POLE, 99 FT. RIGHT
STA. 3030+02 LIGHT POLE, 364 FT. RIGHT
STA. 3029+80 LIGHT POLE, 94 FT. RIGHT
STA. 3033+03 LIGHT POLE, 84 FT. RIGHT

CLASS LOCATION

CLASS 2 | CLASS 3

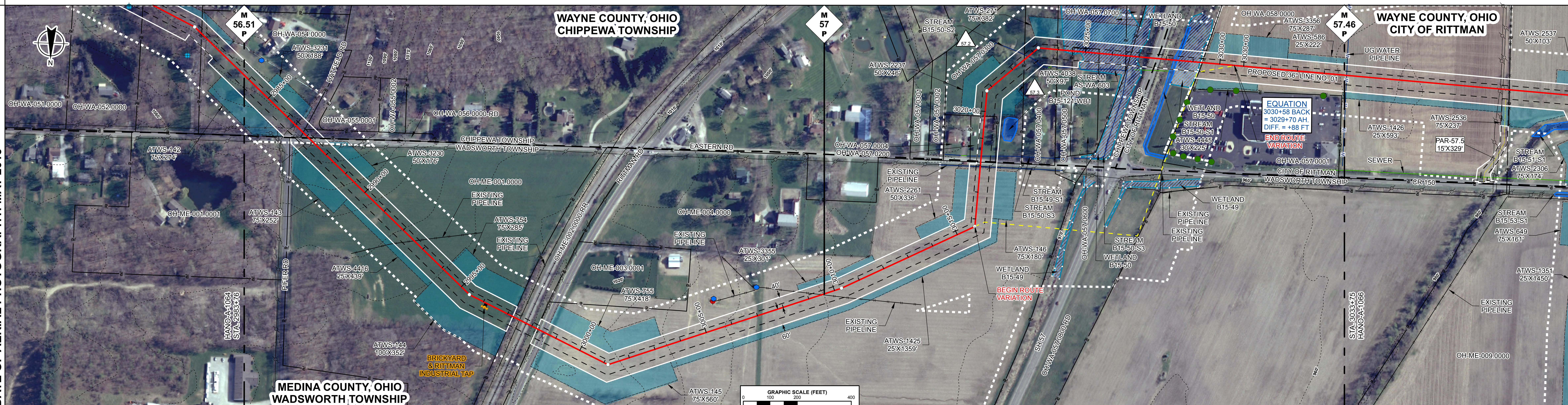
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
57.2	RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.
57.3	ATWS ADJUSTED TO REDUCE RESIDENTIAL IMPACTS.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 3017+95 CENTERLINE OF STREAM B15-49-S1 TRIBUTARY TO RIVER STYX
STA. 3018+34 CENTERLINE OF STREAM B15-50-S3 TRIBUTARY TO RIVER STYX
STA. 3022+75 CENTERLINE OF STREAM B15-50-S2 TRIBUTARY TO RIVER STYX
STA. 3024+03 WETLAND B15-50 ENTER
STA. 3027+11 WETLAND B15-50 EXIT
STA. 3028+21 TRIBUTARY TO STYX RIVER B15-50-S1 ENTER
STA. 3028+34 WETLAND B15-50 ENTER
STA. 3028+56 TRIBUTARY TO STYX RIVER B15-50-S1
STA. 3029+31 WETLAND B15-50 EXIT

E & S TYPICALS

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

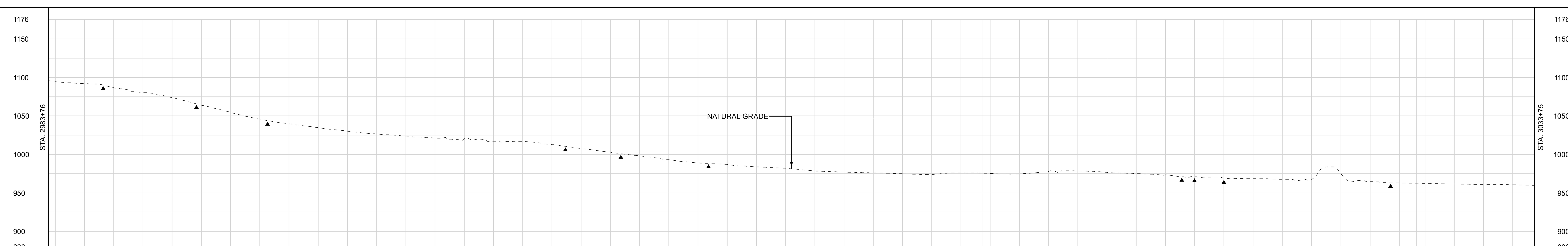
PROFILE

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

LAND USE: R | OL | I/C | AG | OL | I/C | F/W | I/C | AG | OL | I/C | R | OL | F/W | OL | I/C | OL | OW | OL | AG

% SLOPE: <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | 15-30% | 5-15% | 30-45% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3A			ISSUED FOR FERC (08/2016)
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1B			ISSUED FOR FERC (02/2016)
1A			ISSUED FOR FERC (02/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. MEDINA COUNTY, OHIO AND WAYNE COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1065	REV. 3A

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 065 of 278.pdf - PLOT TIME: 2016-08-05 10:25:08

RIGHT-OF-WAY

TRACT NUMBERS

Start STA.	Tract	Rods	Feet	End STA.
3209+63	OH-ME-033.0000	0.1 RODS	1 FT.	3209+64
	OH-ME-034.0000	163.3 RODS	2694 FT.	3236+58
3236+58	OH-ME-035.0000	13.6 RODS	225 FT.	3238+83
3238+83	OH-ME-036.0000-RD			
	OH-ME-037.0000	22.5 RODS	372 FT.	3242+55
3242+55	OH-ME-038.0000-RD			
	OH-ME-039.0000	8.7 RODS	143 FT.	3243+98
3243+98	OH-ME-040.0000	16.4 RODS	270 FT.	3246+68
3246+68	OH-ME-041.0000	16.3 RODS	269 FT.	3249+37
3249+37	OH-ME-042.0000	0.7 RODS	11 FT.	3249+48
3249+48	OH-ME-043.0000	47.2 RODS	778 FT.	3257+26
3257+26	OH-ME-044.0000	14.4 RODS	237 FT.	3259+63

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 3210+13 GAS PL
STA. 3210+80 PI ~ 16°48'51" LT
STA. 3228+75 PI ~ 29°59'59" RT
STA. 3229+04 GAS PL
STA. 3231+60 PI ~ 5°53'42" RT
STA. 3238+45 TOP BANK
STA. 3238+48 POWERLINE
VERT. CLEARANCE 20 FT.
STA. 3238+51 TOE BANK
STA. 3238+64 TOP BANK
STA. 3238+68 ROAD EDGE
STA. 3238+84 PAVED, RAWIGA
RD CENTERLINE
STA. 3239+00 ROAD EDGE
STA. 3239+02 TOP BANK
STA. 3239+12 TOE BANK
STA. 3239+19 TOP BANK
STA. 3242+28 TOP BANK
STA. 3242+30 POWERLINE
VERT. CLEARANCE 20 FT.
STA. 3242+33 TOE BANK
STA. 3242+39 TOP BANK
STA. 3242+41 ROAD EDGE
STA. 3242+54 PAVED, SEVILLE
RD CENTERLINE
STA. 3242+68 ROAD EDGE
STA. 3242+69 TOP BANK
STA. 3242+75 TOE BANK
STA. 3242+81 TOP BANK
STA. 3250+04 PI ~ 2°58'37" RT

CLASS LOCATION

CLASS 1

PIPE MATERIAL

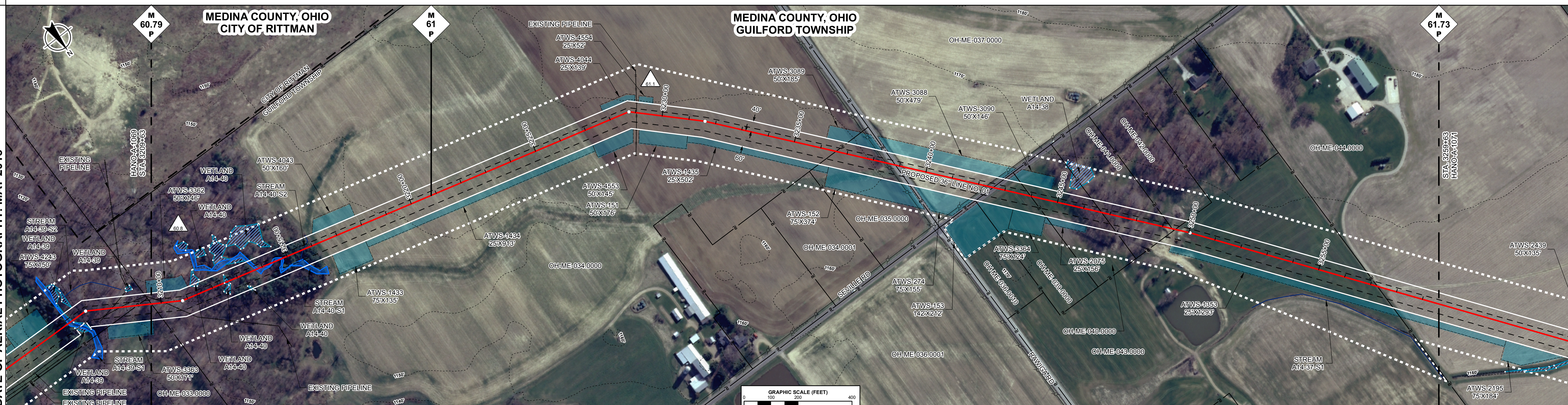
PROJECT MODIFICATION TABLE

PROJ. MOD. NUMBER	DESCRIPTION
60.8	ATWS AND RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.
61.1	ATWS ADJUSTED TO AVOID EXISTING PIPELINE BASED ON UPDATED CIVIL SURVEY.

ALIGNMENT LEGEND

- PIPELINE MILEPOST
- PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
- 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
- AGRICULTURAL PEM WETLAND BOUNDARY
- 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. 3211+26 WETLAND A14-40 ENTER
STA. 3211+59 WETLAND A14-40 EXIT
STA. 3212+34 WETLAND A14-40 ENTER
STA. 3212+68 WETLAND A14-40 EXIT
STA. 3213+23 WETLAND A14-40 ENTER
STA. 3213+36 WETLAND A14-40 EXIT
STA. 3213+54 TRIBUTARY TO TOMMY RUN A14-40-S1 ENTER
STA. 3215+63 TRIBUTARY TO TOMMY RUN A14-40-S1 EXIT
STA. 3215+66 CENTERLINE OF STREAM A14-40-S2 TRIBUTARY TO TOMMY RUN

E & S TYPICALS

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

PROFILE

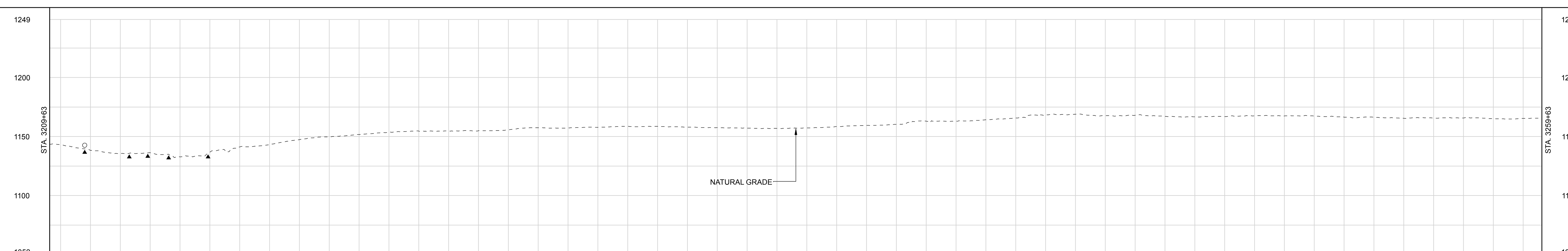
THE LOCATION OF TRENCH PLUGS AND SLOPE BREAKERS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD.

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

LAND USE: F/W | OW | F/W | OW | F/W | OW | F/W | OW | F/W | OL | AG | I/C | AG | I/C | AG | F/W | OL | AG

% SLOPE: <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3A			ISSUED FOR FERC (08/2016)
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. MEDINA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	HANO-A-1070	REV. 3A

IG.#

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 070 of 278.pdf - PLOT TIME: 2016-08-04 10:53:32

RIGHT-OF-WAY

TRACT NUMBERS

Tract	Rods	Feet	Stations
OH-ME-065.0000	169.0 RODS	2788 FT.	3402+49 – 3430+37
OH-ME-066.0000	68.1 RODS	1124 FT.	3430+37 – 3441+61
OH-ME-067.0000	12.7 RODS	209 FT.	3441+61 – 3443+70
OH-ME-068.0000	15.2 RODS	251 FT.	3443+70 – 3446+21
OH-ME-069.0000	20.4 RODS	337 FT.	3446+21 – 3449+58
OH-ME-070.0000	12.7 RODS	209 FT.	3449+58 – 3451+67
OH-ME-071.0000	5.0 RODS	82 FT.	3451+67 – 3452+49

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 3402+52 ROAD EDGE
STA. 3402+57 DITCH, DEPTH 0 FT. CENTERLINE
STA. 3402+70 POWERLINE VERT. CLEARANCE 35 FT.
STA. 3406+41 PI ~ 3°39'14" RT
STA. 3410+78 TOP BANK
STA. 3410+98 DRAIN, DEPTH 0.5 FT. CENTERLINE
STA. 3411+13 TOP BANK
STA. 3412+85 GAS WELL, 71 FT. RIGHT
STA. 3413+30 WELL, 81 FT. RIGHT
STA. 3423+79 PI ~ 5°55'21" RT
STA. 3430+37 FENCE
STA. 3431+87 PI ~ 45°0'0" LT
STA. 3435+89 PI ~ 12°21'20" LT
STA. 3441+75 FENCE

CLASS LOCATION

CLASS 1 | CLASS 2

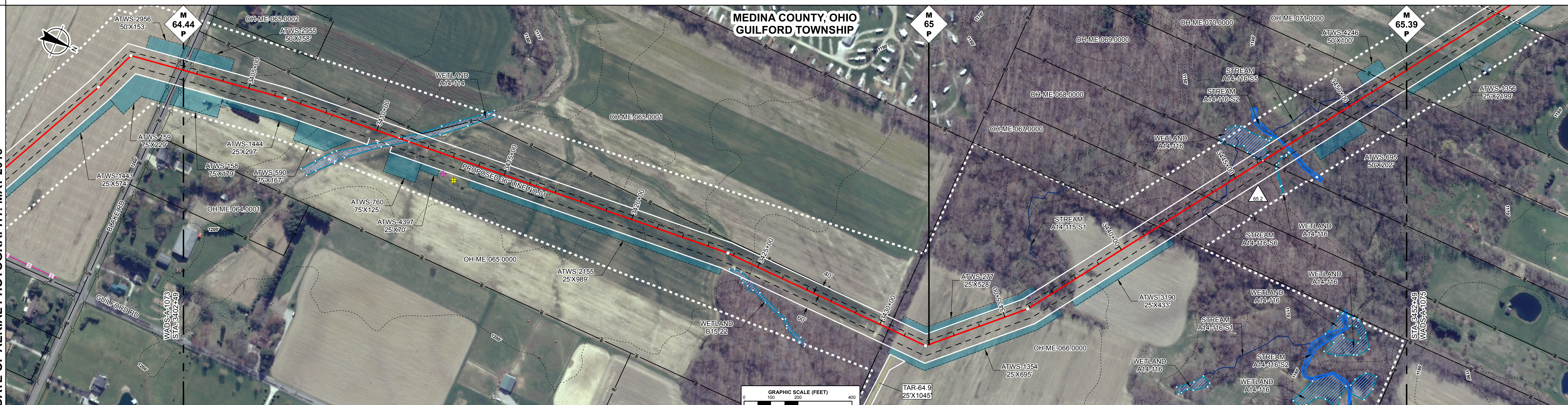
PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
65.2	ATWS AND RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEYS.

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 3410+28 WETLAND A14-114 ENTER
STA. 3411+90 WETLAND A14-114 EXIT
STA. 3424+09 WETLAND B15-22 ENTER
STA. 3425+07 WETLAND B15-22 EXIT
STA. 3444+61 CENTERLINE OF STREAM A14-116-S6 TRIBUTARY TO HUBBARD CREEK
STA. 3445+94 A14-116 ENTER
STA. 3446+42 A14-116 ENTER
STA. 3446+52 A14-116 EXIT
STA. 3447+09 STREAM TRIBUTARY TO HUBBARD CREEK A14-116-S2 ENTER
STA. 3447+23 A14-116 EXIT
STA. 3447+40 STREAM TRIBUTARY TO HUBBARD CREEK A14-116-S2 EXIT
STA. 3450+41 CENTERLINE OF STREAM A14-116-S5 TRIBUTARY TO HUBBARD CREEK

E & S TYPICALS

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

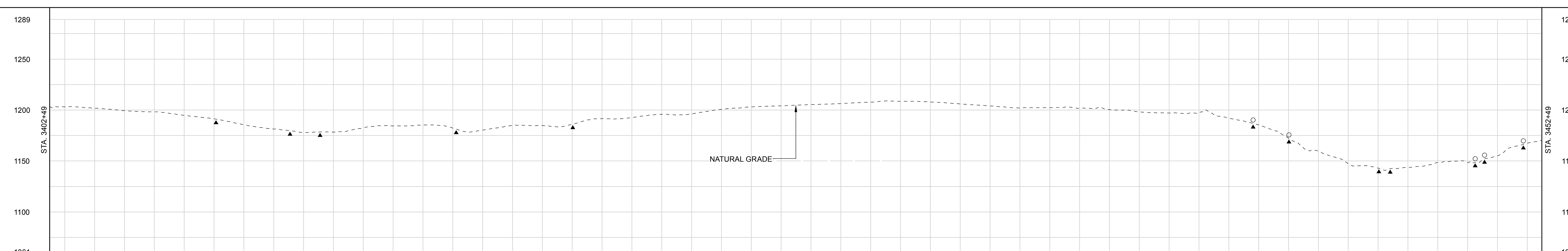
PROFILE

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

LAND USE: I/C | AG | OL | AG | F/W | AG | F/W | AG | F/W | OW | F/W | OL

% SLOPE: 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | 15-30% | 5-15% | < 5% | 5-15% | < 5% | 5-15% | < 5% | 5-15%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. MEDINA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017 | W.B.S. | Scale 1" = 200' | WADS-A-1074 | REV. 3

IG #

P:\295_UPSTREAM_PIPELINE\295K_GIS\TurboRoute\ NEXUS PROPOSED MAINLINE PIPELINE 074 of 278.pdf - PLOT TIME: 2016-06-15 17:29:27

RIGHT-OF-WAY

TRACT NUMBERS

Start STA.	Tract	Rods	Feet	End STA.
3452+49	OH-ME-071.0000	24.1 RODS	397 FT.	3456+46
3456+46	OH-ME-072.0000	26.9 RODS	444 FT.	3460+90
3460+90	OH-ME-073.0000	21.8 RODS	359 FT.	3464+49
3464+49	OH-ME-074.0000	3.6 RODS	60 FT.	3465+09
3465+09	OH-ME-075.0000	65.0 RODS	1072 FT.	3475+81
3475+81	OH-ME-076.0000-RD			
3475+81	OH-ME-077.0000	18.3 RODS	302 FT.	3478+83
3478+83	OH-ME-078.0000-RD			
3478+83	OH-ME-079.0000	36.3 RODS	599 FT.	3484+82
3484+82	OH-ME-080.0000-RD			
3484+82	OH-ME-081.0000	95.2 RODS	1570 FT.	3500+52
3500+52	OH-ME-081.0100	8.3 RODS	137 FT.	3501+89
3501+89	OH-ME-082.0100	10.7 RODS	176 FT.	3503+65

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 3473+67 TEE TAP, COLUMBIA GAS, OHIO S MEDINA TAP
STA. 3475+46 TOP BANK
STA. 3475+56 TOE BANK
STA. 3475+67 TOP BANK
STA. 3475+69 ROAD EDGE
STA. 3475+81 PAVED, HUBBARD VALLEY RD CENTERLINE
STA. 3475+92 ROAD EDGE
STA. 3475+94 TOP BANK
STA. 3476+03 TOE BANK
STA. 3476+08 POWERLINE VERT. CLEARANCE 20 FT.
STA. 3476+11 TOP BANK
STA. 3477+42 PI ~ 2°24'17" LT
STA. 3478+26 TOP BANK
STA. 3478+42 TOE BANK
STA. 3478+57 TOP BANK
STA. 3478+61 ROAD EDGE
STA. 3478+76 MUNICIPALITY LINE
STA. 3478+81 PAVED, GOOD RD CENTERLINE
STA. 3478+99 ROAD EDGE
STA. 3479+02 TOP BANK
STA. 3479+10 POWERLINE VERT. CLEARANCE 20 FT.
STA. 3479+22 TOE BANK
STA. 3479+28 POWERLINE VERT. CLEARANCE 20 FT.
STA. 3479+51 TOP BANK
STA. 3483+21 FENCE
STA. 3483+54 TOP BANK
STA. 3483+82 TOE BANK
STA. 3484+02 ROAD EDGE
STA. 3484+32 I 71 N CENTERLINE (SCALED)
STA. 3484+61 ROAD EDGE
STA. 3484+77 TOE BANK
STA. 3484+98 ROAD EDGE
STA. 3485+45 I 71 S CENTERLINE (SCALED)
STA. 3485+56 ROAD EDGE
STA. 3485+77 TOE BANK
STA. 3485+95 TOP BANK
STA. 3486+26 FENCE
STA. 3486+36 GAS PL
STA. 3489+78 PI ~ 12°59'55" RT
STA. 3491+75 PI ~ 17°6'56" RT
STA. 3493+68 PI ~ 17°59'59" RT
STA. 3498+54 PI ~ 16°32'45" LT
STA. 3503+11 PI ~ 17°59'59" LT

CLASS LOCATION

CLASS 1

PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
65.9	TWS ADJUSTED BASED ON LANDOWNER REQUEST.
66.0	RESOURCES UPDATED BASED ON WETLAND/WATERBODY FIELD SURVEY.
66.1	CHIPPEWA LAKE C ROUTE VARIATION. TWS/ATWS, ACCESS ROADS, AND RESOURCES UPDATED. (36,237 FT)

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - PREVIOUS ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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

E & S TYPICALS

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

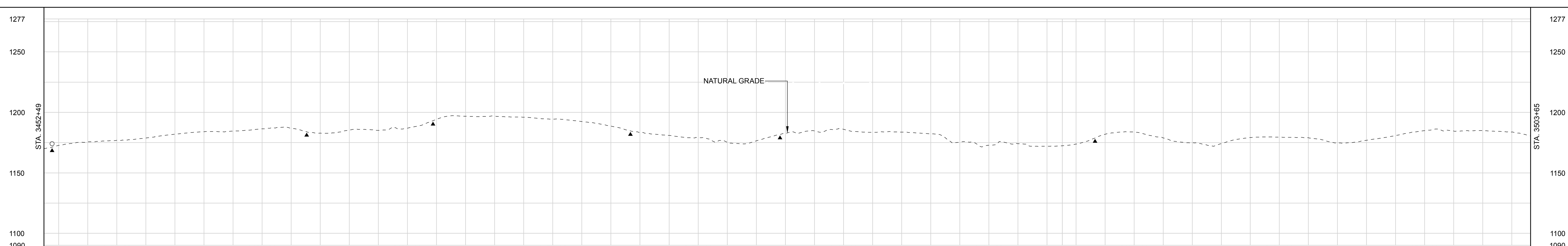
PROFILE

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

LAND USE: OL | AG | F/W | I/C | R | AG | I/C | R | OL | I/C | OW | OL | AG | OL | AG | F/W | AG

% SLOPE: 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DSN	CK	DESCRIPTION
3A			ISSUED FOR FERC (08/2016)
3			ISSUED FOR FERC (07/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
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

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

LOC. MEDINA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	WADS-A-1075	REV. 3A

IG.#

RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
3503+65 – 3508+49	OH-ME-082.0100	29.3 RODS	484 FT.
3508+49 – 3516+33	OH-ME-082.0200	47.5 RODS	784 FT.
3516+33 – 3526+56	OH-ME-082.0300	62.0 RODS	1023 FT.
3526+56 – 3530+63	OH-ME-082.0400	24.7 RODS	407 FT.
3530+63 – 3542+07	OH-ME-082.0500	69.3 RODS	1144 FT.
3542+07 – 3542+68	OH-ME-082.0600-RD	3.7 RODS	61 FT.
3542+68 – 3545+76	OH-ME-082.0700	18.7 RODS	308 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

STA. 3505+70 PI ~ 17°59'59" RT
STA. 3511+59 PI ~ 2°22'48" LT
STA. 3531+06 PI ~ 8°42'22" LT
STA. 3535+35 PI ~ 44°58'26" LT
STA. 3539+44 PI ~ 7°28'26" LT
STA. 3542+41 WOOSTER PIKE RD CENTERLINE (SCALED)
STA. 3543+66 PI ~ 44°59'59" RT
STA. 3544+66 PI ~ 18°0'0" RT
STA. 3545+66 PI ~ 15°32'13" RT

CLASS LOCATION

CLASS 1 | CLASS 2 | CLASS 3

PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
66.1	CHIPPEWA LAKE C ROUTE VARIATION. TWS/ATWS, ACCESS ROADS, AND RESOURCES UPDATED. (36,237 FT)

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
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
AGRICULTURAL PEM WETLAND BOUNDARY
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. 3504+52 CENTERLINE OF STREAM AS-ME-929 TRIBUTARY TO HUBBARD CREEK
STA. 3510+04 HUBBARD CREEK AS-ME-928 ENTER
STA. 3510+74 HUBBARD CREEK AS-ME-928 EXIT
STA. 3536+26 WETLAND AWB-ME-926 ENTER
STA. 3537+74 WETLAND AWB-ME-926 EXIT

E & S TYPICALS

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

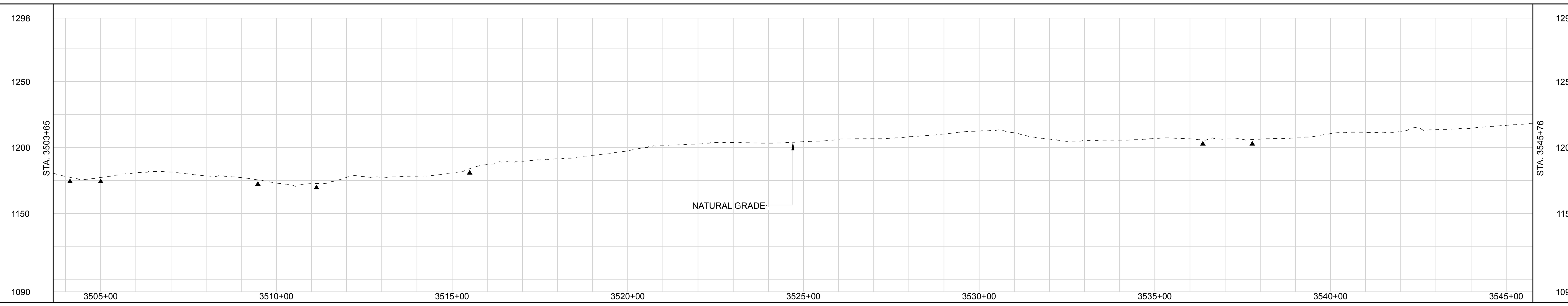
PROFILE

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

LAND USE: AG | OL | AG | OL | OW | OL | AG | OL | AG | OL | AG | OL | I/C | OL

% SLOPE: 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

REV	DSN	CK	DESCRIPTION
3			ISSUED FOR FERC (08/2016)
2			ISSUED FOR P3 (03/2016)
1			ISSUED FOR FERC (02/2016)
0B			ISSUED FOR FERC FILING (11/2015)
0A			ISSUED FOR FERC FILING (11/2015)
0			ISSUED FOR FERC FILING (11/2015)

REVISIONS

DWG. NO.	DESCRIPTION

REFERENCE DRAWINGS

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

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

LOC. MEDINA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	WADS-A-1076	REV. 3

IG.#

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RIGHT-OF-WAY

TRACT NUMBERS

Station	Tract	Rods	Feet
3545+76 – 3548+40	OH-ME-082.0700	16.0 RODS	264 FT.
3548+40 – 3550+27	OH-ME-082.0800	11.3 RODS	187 FT.
3550+27 – 3550+88	OH-ME-082.0900-RD	3.7 RODS	61 FT.
3550+88 – 3553+98	OH-ME-082.1100	18.8 RODS	310 FT.
3553+98 – 3556+09	OH-ME-082.1200	12.8 RODS	211 FT.
3556+09 – 3558+28	OH-ME-082.1300	13.3 RODS	219 FT.
3558+28 – 3560+92	OH-ME-082.1400	16.0 RODS	264 FT.
3560+92 – 3563+22	OH-ME-082.1500	13.9 RODS	230 FT.
3563+22 – 3565+10	OH-ME-082.1600	11.4 RODS	188 FT.
3565+10 – 3566+81	OH-ME-082.1700	10.4 RODS	171 FT.
3566+81 – 3567+40	OH-ME-082.1800-RD	3.6 RODS	59 FT.
3567+40 – 3567+75	OH-ME-082.1900	2.1 RODS	35 FT.
3567+75 – 3573+70	OH-ME-082.2000	36.1 RODS	595 FT.
3573+70 – 3576+97	OH-ME-082.2100	19.8 RODS	327 FT.
3576+97 – 3577+96	OH-ME-082.2200-RD	6.0 RODS	99 FT.
3577+96 – 3584+50	OH-ME-082.2300	39.6 RODS	654 FT.
3584+50 – 3595+76	OH-ME-082.2400	68.2 RODS	1126 FT.

SURVEY DATA

SURVEY COMPANY:
FIELD BOOK:
PAGES:

- **STA. 3548+22 PI ~ 11°33'52" RT**
- STA. 3550+60 CHIPPEWA RD CENTERLINE (SCALED)
- **STA. 3557+27 PI ~ 17°59'59" LT**
- **STA. 3558+47 PI ~ 18°0'0" LT**
- **STA. 3561+21 PI ~ 8°53'30" RT**
- **STA. 3563+22 PI ~ 30°0'0" RT**
- **STA. 3570+81 PI ~ 2°9'5" LT**
- STA. 3577+43 MAPLEWOOD FARMS DR CENTERLINE (SCALED)
- **STA. 3579+51 PI ~ 4°4'5" LT**
- **STA. 3585+83 PI ~ 60°0'0" LT**
- **STA. 3592+89 PI ~ 5°57'32" LT**

CLASS LOCATION

CLASS 3 | CLASS 3 | CLASS 2 | CLASS 1

PIPE MATERIAL

PROJECT MODIFICATION TABLE	
PROJ. MOD. NUMBER	DESCRIPTION
66.1	CHIPPEWA LAKE C ROUTE VARIATION. TWS/ATWS, ACCESS ROADS, AND RESOURCES UPDATED. (36,237 FT)

ALIGNMENT LEGEND

PIPELINE MILEPOST
PROPOSED NEXUS PIPELINE - NOV. 2015 ROUTE
PROPOSED NEXUS PIPELINE
INTERCONNECTING PIPELINE TO TGP
CONSTRUCTION LIMIT
STUDY CORRIDOR
STAGING AREA
WAREYARD
PERMANENT ROW
ADDITIONAL TEMPORARY WORKSPACE
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TEMPORARY ACCESS ROAD (TAR-0.0)
PROPERTY LINE
CONTOUR (120')
MUNICIPALITY LINE
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FOREIGN PIPELINE
POWERLINE
WATER PIPELINE
RAILROAD TRACK
TELEPHONE LINE
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TANK — LIGHT POLE — FIRE HYDRANT
WELL: GAS — WATER — OIL — UNKNOWN

DATE OF AERIAL PHOTOGRAPHY: MAY 2015

ENVIRONMENTAL DATA

- STA. 3547+01 WETLAND AWB-ME-930 ENTER
- STA. 3547+33 WETLAND AWB-ME-930 EXIT
- STA. 3550+69 WETLAND AWB-ME-918 ENTER
- STA. 3553+98 WETLAND AWB-ME-918 EXIT
- STA. 3560+11 WETLAND AWB-ME-925 ENTER
- STA. 3560+50 CENTERLINE OF STREAM AS-ME-925 TRIBUTARY TO CHIPPEWA CREEK
- STA. 3560+54 WETLAND AWB-ME-925 EXIT
- STA. 3566+49 WETLAND AWB-ME-924 ENTER
- STA. 3567+09 WETLAND AWB-ME-924 EXIT
- STA. 3571+95 WETLAND AWB-ME-923 ENTER
- STA. 3572+59 WETLAND AWB-ME-923 EXIT
- STA. 3578+64 WETLAND AWB-ME-923 ENTER
- STA. 3579+39 WETLAND AWB-ME-923 EXIT

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TRENCH PLUG ▲

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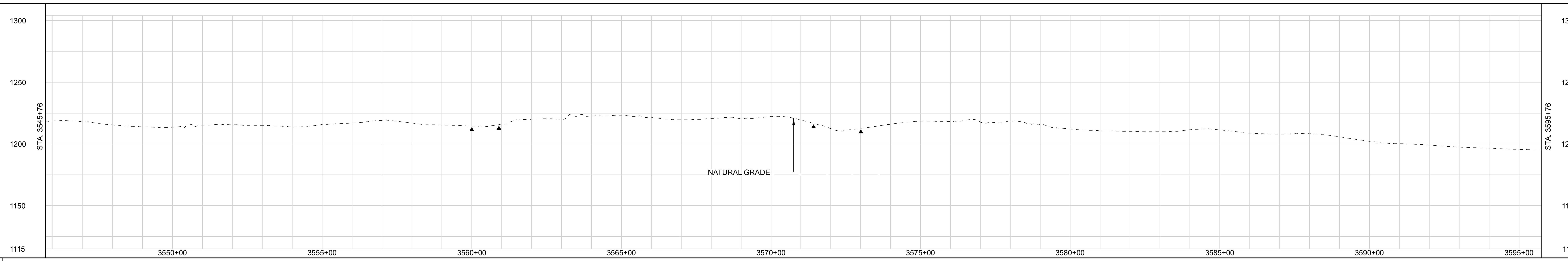

LAND USE CLASSIFICATION

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

SOILS

LAND USE

% SLOPE: <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5% | 5-15% | <5%

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

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REVISIONS			

ITEM	DESCRIPTION	QTY
MATERIALS		

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ENGINEERING APPROVALS

DRAWN BY:	BID		CONSTRUCTION	
NAME	SIGNATURE	DATE	SIGNATURE	DATE

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

LOC. MEDINA COUNTY, OHIO

NEXUS GAS TRANSMISSION

YEAR: 2017	W.B.S.	Scale 1" = 200'	WADS-A-1077	REV. 3A

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