

## **APPENDIX E**

### **Extra Workspaces Associated with Construction of the Rover Pipeline Project**



APPENDIX E

Additional Temporary Workspace Requirements

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	0.2	25	150	0.09	Foreign Pipeline Crossing	FO		
Sherwood Lateral	0.87	100	455	1.04	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	0.96	150	455	1.57	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	0.97	25	150	0.09	US Hwy 50 HDD Crossing	FO/OP		
Sherwood Lateral	0.99	200	260	1.19	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	1.01EQ	50	100	0.11	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	1.47EQ	25	125	0.07	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	1.48EQ	40	310	0.28	US Hwy 50 HDD Crossing	FO		
Sherwood Lateral	1.6EQ	15	975	0.34	Foreign Pipeline Crossing / Side Slope	FO/OP		
Sherwood Lateral	1.6EQ	10	955	0.22	Foreign Pipeline Crossing / Side Slope	FO/OP		
Sherwood Lateral	1.63EQ	10	85	0.02	Wetland Crossing	FO		
Sherwood Lateral	1.64EQ	15	250	0.09	Console Pipeline Crossing	FO/OP	S1ES-DO-219	0
Sherwood Lateral	1.69EQ	10	55	0.01	Stream Crossing	FO		
Sherwood Lateral	0.9	25	1260	0.73	Side Slope	FO		
Sherwood Lateral	1.16	25	1135	0.65	Side Slope	FO		
Sherwood Lateral	1.39	15	400	0.14	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	1.49	10	405	0.09	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	1.49	15	395	0.14	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	1.69	25	1870	1.07	Side Slope	FO/OP		
Sherwood Lateral	1.94	15	430	0.15	Equitable Production Pipeline / Eureka Pipeline Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	1.94	10	420	0.1	Equitable Production Pipeline / Eureka Pipeline Crossing	FO		
Sherwood Lateral	2.02	25	495	0.28	Side Slope	FO/OP		
Sherwood Lateral	2.13	10	610	0.14	Dominion Pipeline Crossing / Side Slope	FO/OP		
Sherwood Lateral	2.14	10	200	0.05	Dominion Pipeline Crossing	FO		
Sherwood Lateral	2.29	15	230	0.08	Equitable Production Co. Pipeline Crossing	FO	S4H-DO-249	0
Sherwood Lateral	2.3	10	380	0.09	CR 30/3 (Jockey Camp Rd) / Jockey Camp Run / Equitable Production Co. Pipeline Crossing	FO		
Sherwood Lateral	2.44	10	795	0.18	CR 30/3 (Jockey Camp Rd) / Stream / Unknown Foreign Pipelines Crossing	FO	S1ES-DO-126	9.06
Sherwood Lateral	2.44	15	790	0.27	CR 30/3 (Jockey Camp Rd) / Stream / Unknown Foreign Pipelines Crossing	FO		
Sherwood Lateral	2.55	25	545	0.49	Side Slope	FO		
Sherwood Lateral	2.66	10	280	0.09	Stream Crossing	FO		
Sherwood Lateral	2.67	15	275	0.06	Stream Crossing	FO		
Sherwood Lateral	2.75	10	300	0.07	Stream Crossing	FO		
Sherwood Lateral	2.76	15	300	0.1	Stream Crossing	FO		
Sherwood Lateral	3.1	25	2770	1.59	Side Slope	FO/OP		
Sherwood Lateral	3.48	15	140	0.05	Stream Crossing	FO	S2ES-DO-122	24.62
Sherwood Lateral	3.52	15	65	0.02	Stream Crossing	FO/OP	S2ES-DO-122	25.72
Sherwood Lateral	3.58	15	300	0.1	Stream Crossing	FO		
Sherwood Lateral	3.58	10	300	0.07	Stream Crossing	FO		
Sherwood Lateral	3.84	25	1105	0.63	Side Slope	FO		
Sherwood Lateral	3.9	10	190	0.04	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	3.9	15	155	0.05	Unknown Foreign Pipeline Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	3.98	25	690	0.4	Side Slope	FO		
Sherwood Lateral	4.11	15	100	0.03	Natural Drainage Crossing	FO		
Sherwood Lateral	4.11	10	100	0.02	Natural Drainage Crossing	FO	S2ES-DO-124	25.45
Sherwood Lateral	4.33	15	90	0.03	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
Sherwood Lateral	4.35	15	260	0.09	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
Sherwood Lateral	4.35	10	160	0.04	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
Sherwood Lateral	4.42	25	550	0.32	Side Slope	FO		
Sherwood Lateral	4.53	15	320	0.11	Stream / Unknown Foreign Pipeline Crossing	FO	S4ES-DO-103	24.84
Sherwood Lateral	4.63	10	60	0.02	CR 5 (Rock Run Rd) / Stream Crossing	FO		
Sherwood Lateral	4.63	15	60	0.02	CR 5 (Rock Run Rd) / Stream Crossing	FO		
Sherwood Lateral	4.64	15	305	0.11	CR 5 (Rock Run Rd) / Stream Crossing	FO		
Sherwood Lateral	4.64	10	300	0.07	CR 5 (Rock Run Rd) / Stream Crossing	FO		
Sherwood Lateral	4.76	15	315	0.11	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP		
Sherwood Lateral	4.76	10	325	0.09	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP		
Sherwood Lateral	4.77	10	325	0.09	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP	S1ES-DO-108	26.5
Sherwood Lateral	4.77	15	270	0.1	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP	S2ES-DO-109	34.06
Sherwood Lateral	4.97	10	285	0.07	Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	4.97	15	255	0.09	Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	5.04	25	445	0.26	Unknown Foreign Pipeline Crossing / Side Slope	OP/FO		
Sherwood Lateral	5.34	25	1970	1.13	Side Slope	FO		
Sherwood Lateral	5.5	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	5.51	15	160	0.06	Stream Crossing	FO		
Sherwood Lateral	5.57	10	145	0.03	Stream Crossing	FO		
Sherwood Lateral	5.58	15	100	0.03	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	5.63	25	515	0.3	Side Slope	FO		
Sherwood Lateral	5.78	15	380	0.13	Stream / Wetland Crossing	FO		
Sherwood Lateral	5.78	10	385	0.09	Stream / Wetland Crossing	FO	W4H-DO-252	48.3
Sherwood Lateral	5.88	15	15	0.01	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	5.88	10	20	0.01	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	5.89	15	225	0.08	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	5.89	10	225	0.06	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	6.22	25	2460	1.41	Dominion / Consol Energy Pipelines Crossing / Side Slope	FO/OP		
Sherwood Lateral	6.62	15	295	0.1	Stream Crossing	FO	S2ES-DO-136	48.56
Sherwood Lateral	6.62	10	295	0.07	Stream Crossing	FO	S2ES-DO-137	13.83
							S2ES-DO-136	48.7
Sherwood Lateral	6.71	15	390	0.13	Stream / Equitrans Pipeline Crossing	FO/OP	S2ES-DO-136	48.06
Sherwood Lateral	6.71	10	385	0.09	Stream / Equitrans Pipeline Crossing	FO/OP	S2ES-DO-135	32.85
Sherwood Lateral							S2ES-DO-136	46.03
Sherwood Lateral	6.79	25	450	0.26	Side Slope	FO		
Sherwood Lateral	6.85	10	350	0.08	Equitrans / Consol Energy Pipelines Crossing	FO		
Sherwood Lateral	6.86	15	235	0.08	Equitrans / Consol Energy Pipelines Crossing	FO/OP		
Sherwood Lateral	7.01	10	240	0.06	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO		
Sherwood Lateral	7.02	15	190	0.07	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO	S2ES-DO-131	22.82
Sherwood Lateral	7.09	10	210	0.05	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO		
Sherwood Lateral	7.1	15	150	0.05	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	7.19	25	890	0.51	Side Slope	FO/OP		
Sherwood Lateral	7.32	10	295	0.07	Side Slope	OP/FO		
Sherwood Lateral	7.33	15	180	0.06	Side Slope	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	7.42	25	755	0.43	Side Slope	FO		
Sherwood Lateral	7.73	25	2445	1.4	Side Slope	FO		
Sherwood Lateral	8.05	15	290	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO/OP		
Sherwood Lateral	8.05	10	295	0.07	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	46.9
	8.13	10	300	0.07	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	47.75
Sherwood Lateral	8.13	15	300	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	48.58
Sherwood Lateral	8.3	25	990	0.57	CNX Gas Pipeline / Side Slope	FO		
Sherwood Lateral	8.54	10	75	0.02	Stream Crossing	FO		
Sherwood Lateral	8.55	15	280	0.1	Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	8.59	10	55	0.01	Stream / Unknown Foreign Pipeline Crossing	FO	S3ES-DO-103	49.43
Sherwood Lateral	8.65	10	285	0.07	Stream / Unknown Foreign Pipeline Crossing	FO/OP		
Sherwood Lateral	8.66	15	100	0.03	Stream Crossing	OP		
Sherwood Lateral	8.74	25	725	0.42	Side Slope	FO		
Sherwood Lateral	8.85	10	420	0.1	Union Carbide Pipeline Crossing / Side Slope	FO		
Sherwood Lateral	8.86	15	475	0.16	Union Carbide Pipeline Crossing / Side Slope	FO		
Sherwood Lateral	9.04	25	850	0.49	Side Slope	FO		
Sherwood Lateral	9.12	25	940	0.54	Side Slope	FO		
Sherwood Lateral	9.23	10	180	0.04	Equitrans Pipeline Crossing	FO		
Sherwood Lateral	9.25	15	380	0.13	Stream / Equitrans Pipeline Crossing	FO		
Sherwood Lateral	9.35	10	300	0.07	Stream Crossing	FO		
Sherwood Lateral	9.5	15	800	0.27	Side Slope / Stream / Equitrans Pipelines Crossing	FO		
Sherwood Lateral	9.55	10	760	0.17	Side Slope / Stream / Equitrans Pipelines Crossing	FO		
Sherwood Lateral	9.64	25	380	0.22	Equitrans Pipelines Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	9.67	15	400	0.14	CR 60/2 (Sandy Creek Rd) / EQT Pipeline / Stream Crossing	FO		
Sherwood Lateral	9.67	10	360	0.09	CR 60/2 (Sandy Creek Rd) / EQT Pipeline / Stream Crossing	FO/OP		
Sherwood Lateral	9.75	10	145	0.08	CR 60/2 (Sandy Creek Rd) / Stream Crossing	FO/OP	S3ES-TY-115	48.5
Sherwood Lateral	9.75	15	250	0.14	CR 60/2 (Sandy Creek Rd) / Stream Crossing	FO/OP		
Sherwood Lateral	9.88	15	400	0.14	Streams / EQT Pipeline Crossing	FO/OP		
Sherwood Lateral	9.89	10	465	0.11	Streams / EQT Pipeline Crossing	OP/FO		
Sherwood Lateral	9.98	15	235	0.08	Streams / EQT Pipeline Crossing	FO	S3ES-TY-121	31.27
Sherwood Lateral	9.98	10	250	0.06	Streams / EQT Pipeline Crossing	FO/OP		
Sherwood Lateral	10.07	25	440	0.25	Stream Crossing / Side Slope	FO	S3ES-TY-123	34.06
Sherwood Lateral	10.14	10	310	0.07	Side Slope	FO/OP		
Sherwood Lateral	10.14	15	310	0.11	Side Slope	FO/OP		
Sherwood Lateral	10.25	15	185	0.06	Consol Energy Pipeline / Stream Crossing	FO		
Sherwood Lateral	10.32	15	70	0.02	Stream Crossing	FO		
Sherwood Lateral	10.35	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	10.39	25	100	0.06	Stream / Wetland Crossing	OP/FO		
Sherwood Lateral	10.44	25	105	0.06	Stream / Wetland Crossing	FO		
Sherwood Lateral	10.65	25	905	0.52	Streams Crossing / Side Slope	FO/OP		
Sherwood Lateral	10.83	25	580	0.33	Stream Crossing / Side Slope	FO		
Sherwood Lateral	10.92	10	335	0.08	CR 58 (Jefferson Run Rd) Crossing / Side Slope	FO		
Sherwood Lateral	10.92	15	355	0.12	CR 58 (Jefferson Run Rd) Crossing / Side Slope	FO		
Sherwood Lateral	10.98	15	195	0.07	CR 58 (Jefferson Run Rd) / Stream Crossing	OP/FO		
Sherwood Lateral	10.99	10	90	0.02	CR 58 (Jefferson Run Rd) / Stream Crossing	OP		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	11.03	25	440	0.25	Side Slope	FO		
Sherwood Lateral	11.11	15	80	0.03	Stream Crossing	FO		
Sherwood Lateral	11.11	10	90	0.02	Stream Crossing	FO		
Sherwood Lateral	11.18	15	335	0.12	Stream / Equitrans Pipeline Crossing	FO		
Sherwood Lateral	11.18	10	325	0.07	Stream / Equitrans Pipeline Crossing	FO		
Sherwood Lateral	11.28	25	705	0.4	Side Slope	FO		
Sherwood Lateral	11.41	25	400	0.23	Side Slope	FO/OP		
Sherwood Lateral	11.52	15	290	0.1	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	11.52	10	215	0.05	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	11.67	25	1225	0.7	Side Slope	FO		
Sherwood Lateral	11.82	15	200	0.07	Private Road Crossing	FO/OP		
Sherwood Lateral	11.82	10	210	0.05	Private Road Crossing	FO/OP		
Sherwood Lateral	11.86	25	300	0.17	Side Slope	FO		
Sherwood Lateral	12.02	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	12.02	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	12.09	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	12.25	25	610	0.35	Side Slope	FO		
Sherwood Lateral	12.33	15	115	0.04	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	12.33	10	100	0.02	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	12.35	25	145	0.08	Consol Energy Pipeline Crossing	FO/OP		
Sherwood Lateral	12.49	25	455	0.26	Side Slope	FO		
Sherwood Lateral	12.55	15	180	0.06	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	12.55	10	200	0.05	Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	12.6	25	350	0.2	Side Slope	FO/OP		
Sherwood Lateral	12.75	25	475	0.27	Side Slope	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	12.86	25	1165	0.67	Private Road / Consol Energy Pipeline Crossing	FO		
Sherwood Lateral	12.94	50	300	0.34	Private Road & Middle Island Creek HDD	FO/OP	S4ES-TY-244	0
Sherwood Lateral	13.36	50	300	0.34	Private Road & Middle Island Creek HDD	OP/AG		
Sherwood Lateral	13.56	10	335	0.08	St Hwy 18 Crossing	AG		
Sherwood Lateral	13.56	15	300	0.1	St Hwy 18 Crossing	AG/OP		
Sherwood Lateral	13.61	25	125	0.07	St Hwy 18 / Stream / Wetland Crossing	OP/AG		
Sherwood Lateral	13.73	10	590	0.14	Wetland / Stream / Private Road Crossing	FO/OP		
Sherwood Lateral	13.79	15	1160	0.4	Wetland / Stream / Private Road Crossing	FO/OP		
Sherwood Lateral	13.85	10	340	0.08	Stream Crossing	FO/OP		
Sherwood Lateral	13.91	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	13.95	10	100	0.02	Stream Crossing	OP/FO		
Sherwood Lateral	14.06	15	100	0.03	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
Sherwood Lateral	14.07	10	100	0.02	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO	S4ES-TY-114	44.56
Sherwood Lateral	14.12	15	100	0.03	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
Sherwood Lateral	14.13	10	100	0.02	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
Sherwood Lateral	14.22	25	560	0.32	Side Slope	FO		
Sherwood Lateral	14.47	10	220	0.05	Unknown Foreign Pipeline Crossing	OP/FO		
Sherwood Lateral	14.47	15	250	0.09	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	14.71	25	2260	1.3	Side Slope / Consol Energy Pipelines Crossing	FO		
Sherwood Lateral	15.04	25	840	0.48	Side Slope	FO		
Sherwood Lateral	15.16	25	350	0.17	Side Slope	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	15.21	15	200	0.07	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	15.21	10	200	0.05	Unknown Foreign Pipeline Crossing	OP/FO		
Sherwood Lateral	15.28	25	535	0.31	Side Slope / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	15.38	25	100	0.06	Side Slope / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	15.47	25	245	0.14	Side Slope / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	15.57	25	155	0.09	Side Slope / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	15.59	15	80	0.03	Side Slope / Consol Energy / Eureka Hunter Pipelines / Purgatory Run Rd Crossing	FO		
Sherwood Lateral	15.6	10	400	0.09	Side Slope / Consol Energy / Eureka Hunter Pipelines / Purgatory Run Rd Crossing	FO/OP		
Sherwood Lateral	15.64	15	250	0.09	Side Slope / Consol Energy / Eureka Hunter Pipelines / Purgatory Run Rd Crossing	FO/OP		
Sherwood Lateral	15.67	10	465	0.11	Side Slope / Consol Energy Pipeline / Purgatory Run Rd Crossing	FO		
Sherwood Lateral	15.67	15	480	0.17	Side Slope / Consol Energy Pipeline / Purgatory Run Rd Crossing	FO		
Sherwood Lateral	15.82	10	565	0.13	Side Slope / Stream Crossing	FO		
Sherwood Lateral	15.83	15	380	0.13	Side Slope / Stream Crossing	FO		
Sherwood Lateral	15.98	15	315	0.11	Dominion Pipeline Crossing	FO		
Sherwood Lateral	15.99	10	360	0.08	Dominion Pipeline Crossing	FO		
Sherwood Lateral	16.05	15	115	0.05	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	16.05	10	125	0.05	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	16.07	15	150	0.04	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	16.07	10	145	0.03	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	16.16	10	95	0.02	Stream Crossing	OP/FO		
Sherwood Lateral	16.17	15	110	0.04	Stream Crossing	OP/FO		
Sherwood Lateral	16.23	15	450	0.15	Stream Crossing / Side Slope	FO/OP		
Sherwood Lateral	16.23	10	425	0.1	Stream Crossing / Side Slope	OP/FO		
Sherwood Lateral	16.28	25	80	0.05	Stream Crossing	OP		
Sherwood Lateral	16.42	25	830	0.48	Stream Crossing / Side Slope	OP/FO		
Sherwood Lateral	16.57	15	20	0.01	CR 30/1 (Laugh Run Rd) Crossing	FO	S7H-TY-265	12.84
Sherwood Lateral	16.57	10	45	0.01	CR 30/1 (Laugh Run Rd) Crossing	OP/FO		
Sherwood Lateral	16.58	15	40	0.01	CR 30/1 (Laugh Run Rd) Crossing	FO		
Sherwood Lateral	16.59	10	100	0.02	CR 30/1 (Laugh Run Rd) Crossing	FO		
Sherwood Lateral	16.7	25	100	0.06	Side Slope	FO		
Sherwood Lateral	17.48	25	4705	2.7	Side Slope / Texas Keystone Pipeline Crossing	FO/OP		
Sherwood Lateral	18.04	25	1080	0.62	Side Slope / Texas Keystone Pipeline Crossing	FO/OP		
Sherwood Lateral	18.26	10	95	0.02	Sancho Creek / Texas Keystone Pipeline Crossing	FO		
Sherwood Lateral	18.27	15	100	0.03	Sancho Creek / Texas Keystone Pipeline Crossing	FO/OP		
Sherwood Lateral	18.37	10	425	0.1	CR 7 (Middle Bourne Wick Rd) Crossing	FO/OP		
Sherwood Lateral	18.37	15	400	0.14	CR 7 (Middle Bourne Wick Rd) Crossing	FO/OP		
Sherwood Lateral	18.47	15	190	0.07	Stream Crossing	FO		
Sherwood Lateral	18.47	10	205	0.05	Stream Crossing	FO/OP		
Sherwood Lateral	18.53	15	205	0.07	Stream Crossing	FO		
Sherwood Lateral	18.53	10	165	0.04	Stream Crossing	FO		
Sherwood Lateral	18.67	25	1040	0.6	Side Slope	FO	S4H-TY-284	42.2

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	18.76	15	20	0.01	Sancho Creek Crossing	FO		
Sherwood Lateral	18.77	10	130	0.03	Sancho Creek Crossing	FO		
Sherwood Lateral	18.98	25	345	0.2	Sancho Creek Crossing	FO		
Sherwood Lateral	19.04	10	180	0.04	Sancho Creek Crossing	AG		
Sherwood Lateral	19.45	10	105	0.02	CR 7/10 (Sancho Creek Rd) Crossing	OP		
Sherwood Lateral	19.78	25	3680	2.11	Side Slope	FO/OP		
Sherwood Lateral	20.33	25	1025	0.59	Side Slope	FO		
Sherwood Lateral	20.41	15	175	0.06	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	20.42	10	160	0.04	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	20.51	25	1085	0.62	Side Slope / Stream Crossing	FO		
Sherwood Lateral	20.68	25	460	0.26	Side Slope / Stream Crossing	FO		
Sherwood Lateral	20.74	15	185	0.06	Eureka Hunter Pipeline Crossing	FO/OP		
Sherwood Lateral	20.74	10	195	0.04	Eureka Hunter Pipeline Crossing	FO/OP		
Sherwood Lateral	20.84	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	20.84	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	20.94	10	195	0.04	Stream Crossing	FO		
Sherwood Lateral	20.94	15	170	0.06	Stream Crossing	FO		
Sherwood Lateral	21	25	565	0.32	Side Slope	FO		
Sherwood Lateral	21.13	25	100	0.06	Stream Crossing	FO		
Sherwood Lateral	21.18	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	21.19	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	21.38	25	1730	0.99	Side Slope	FO		
Sherwood Lateral	21.81	25	1215	0.7	Side Slope	FO		
Sherwood Lateral	21.9	15	100	0.03	Private Road Crossing	FO		
Sherwood Lateral	21.9	10	125	0.03	Private Road Crossing	AG		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	21.96	10	90	0.02	Wetland Crossing	AG		
Sherwood Lateral	22.14	25	290	0.17	Side Slope	FO/AG		
Sherwood Lateral	22.18	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	22.18	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	22.27	25	280	0.16	Stream / CR 10/1 (Martin Hill Rd) Crossing	FO	S2ES-TY-115	27.97
Sherwood Lateral	22.95	10	95	0.02	Stream Crossing	FO		
Sherwood Lateral	22.96	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	23.02	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	23.02	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	23.19	15	95	0.03	Stream Crossing	FO		
Sherwood Lateral	23.21	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	23.45	15	130	0.04	Side Slope	FO		
Sherwood Lateral	23.46	10	100	0.02	Side Slope	FO		
Sherwood Lateral	23.52	25	540	0.31	Side Slope	FO		
Sherwood Lateral	23.57	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	23.57	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	23.62	10	165	0.04	Stream Crossing	FO/AG		
Sherwood Lateral	23.63	15	95	0.03	Stream Crossing	FO/OP		
Sherwood Lateral	23.69	25	300	0.17	Middle Island Creek HDD	OP/AG	S4H-TY-288	0
Sherwood Lateral	23.69	50	300	0.34	Middle Island Creek HDD	OP/AG	S4H-TY-288	0
Sherwood Lateral	24.22	50	300	0.34	Middle Island Creek HDD	FO		
Sherwood Lateral	24.22	25	300	0.17	Middle Island Creek HDD	FO		
Sherwood Lateral	24.47	50	140	0.016	Middle Island Creek HDD	FO		
Sherwood Lateral	25.02	15	355	0.12	Streams Crossing	FO		
Sherwood Lateral	25.02	10	390	0.09	Streams Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	25.11	10	100	0.02	Streams Crossing	FO		
Sherwood Lateral	25.13	15	100	0.03	Streams Crossing	FO		
Sherwood Lateral	25.22	10	75	0.02	Stream Crossing	FO		
Sherwood Lateral	25.22	15	75	0.03	Stream Crossing	FO		
Sherwood Lateral	25.27	10	200	0.05	Streams Crossing	FO		
Sherwood Lateral	25.27	15	205	0.07	Streams Crossing	FO		
Sherwood Lateral	25.32	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	25.33	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	25.37	25	845	0.48	Side Slope	FO		
Sherwood Lateral	25.66	25	865	0.5	Side Slope	FO		
Sherwood Lateral	25.84	25	810	0.46	Side Slope	FO		
Sherwood Lateral	26	25	325	0.19	Side Slope	FO		
Sherwood Lateral	26.15	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	26.16	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	26.21	10	185	0.04	Streams Crossing	OP		
Sherwood Lateral	26.73	25	2300	1.32	Side Slope	FO	S5ES-TY-127	15.8
Sherwood Lateral	26.94	10	100	0.02	Hope Gas Pipeline / Wetland / Stream Crossing	FO		
Sherwood Lateral	26.94	15	120	0.04	Hope Gas Pipeline / Wetland / Stream Crossing	FO		
Sherwood Lateral	26.97	10	75	0.02	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
Sherwood Lateral	26.97	15	20	0.04	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
Sherwood Lateral	26.99	10	65	0.02	Wetland / Stream / St Hwy 18 (Tyler Hwy) Crossing	OP		
Sherwood Lateral	26.99	15	85	0.02	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
Sherwood Lateral	27.59	25	1620	0.93	Side Slope	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	27.75	15	100	0.03	Natural Drainage Crossing	FO		
Sherwood Lateral	27.76	10	165	0.04	Natural Drainage Crossing	FO		
Sherwood Lateral	27.8	15	190	0.07	Natural Drainage Crossing	FO/OP		
Sherwood Lateral	27.81	10	150	0.03	Natural Drainage Crossing	OP/FO		
Sherwood Lateral	28.02	25	1595	0.92	Side Slope / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	28.48	25	300	0.17	Topsoil Segregation	FO		
Sherwood Lateral	28.55	10	115	0.03	CR 1/2 (Porter Hill Dr) Crossing	OP/AG/FO		
Sherwood Lateral	28.57	10	115	0.03	CR 1/2 (Porter Hill Dr) Crossing	OP/AG/FO		
Sherwood Lateral	28.64	25	125	0.07	Topsoil Segregation	FO		
Sherwood Lateral	28.72	15	105	0.04	Stream / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	28.72	10	100	0.02	Stream / Unknown Foreign Pipeline Crossing	OP/FO		
Sherwood Lateral	28.77	15	105	0.04	Stream Crossing	FO		
Sherwood Lateral	28.77	10	85	0.02	Stream Crossing	FO		
Sherwood Lateral	28.82	25	495	0.28	Side Slope	FO		
Sherwood Lateral	28.88	15	215	0.07	Unknown Foreign Pipelines Crossing	FO/OP		
Sherwood Lateral	28.88	10	215	0.05	Unknown Foreign Pipelines Crossing	FO/OP		
Sherwood Lateral	29.02	25	1075	0.62	Side Slope	FO		
Sherwood Lateral	29.24	10	100	0.02	Streams Crossing	FO		
Sherwood Lateral	29.25	15	65	0.02	Streams Crossing	FO		
Sherwood Lateral	29.31	15	90	0.03	Stream Crossing	FO		
Sherwood Lateral	29.33	10	85	0.02	Stream Crossing	FO		
Sherwood Lateral	29.45	25	140	0.08	Side Slope	FO		
Sherwood Lateral	29.52	10	100	0.02	CR 1/3 (Starkey Ridge Rd) / Waterline Crossing	FO/OP		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	29.52	15	100	0.03	CR 1/3 (Starkey Ridge Rd) / Waterline Crossing	FO		
Sherwood Lateral	29.58	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	29.58	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	29.62	15	90	0.03	Stream Crossing	FO		
Sherwood Lateral	29.62	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	29.86	25	1225	0.7	Side Slope	FO		
Sherwood Lateral	29.98	15	95	0.03	Wetland / Stream Crossing	FO		
Sherwood Lateral	29.98	10	100	0.02	Wetland / Stream Crossing	FO		
Sherwood Lateral	30.03	15	100	0.03	Wetland / Stream Crossing	FO		
Sherwood Lateral	30.03	10	100	0.02	Wetland / Stream Crossing	FO		
Sherwood Lateral	30.33	25	950	0.55	Side Slope	FO		
Sherwood Lateral	30.53	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	30.54	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	30.58	10	15	0.01	CR 1 (Buck Run Rd) Crossing	OP		
Sherwood Lateral	30.58	10	15	0.01	CR 1 (Buck Run Rd) Crossing	OP		
Sherwood Lateral	30.69	15	1075	0.37	Side Slope / CR 1 (Buck Run Rd) Crossing	FO/OP		
Sherwood Lateral	30.7	10	1185	0.27	Side Slope / CR 1 (Buck Run Rd) Crossing	FO/OP		
Sherwood Lateral	30.89	15	300	0.1	Streams / Unknown Foreign Pipeline Crossing	FO/OP		
Sherwood Lateral	30.89	10	250	0.06	Streams / Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	31.09	25	705	0.4	Side Slope	FO		
Sherwood Lateral	31.28	10	100	0.02	Stream Crossing	FO/OP		
Sherwood Lateral	31.29	15	80	0.03	Stream Crossing	FO		
Sherwood Lateral	31.32	10	70	0.04	CR 1/6 (Slider Run Rd) Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	31.33	15	70	0.05	CR 1/6 (Slider Run Rd) Crossing	FO		
Sherwood Lateral	31.34	10	190	0.04	CR 1/6 (Slider Run Rd) Crossing	FO		
Sherwood Lateral	31.35	15	125	0.04	CR 1/6 (Slider Run Rd) Crossing	FO		
Sherwood Lateral	31.55	25	1680	0.96	Side Slope	FO		
Sherwood Lateral	31.73	15	420	0.14	Unknown Foreign Pipeline Crossing	FO/OP		
Sherwood Lateral	31.74	10	505	0.12	Unknown Foreign Pipeline Crossing	FO/OP		
Sherwood Lateral	31.94	25	1775	1.02	Side Slope	FO		
Sherwood Lateral	32.17	10	300	0.07	CR 26/2 (Gamble Run Rd) Crossing / Side Slope	FO/OP		
Sherwood Lateral	32.17	15	300	0.1	CR 26/2 (Gamble Run Rd) Crossing / Side Slope	FO/OP		
Sherwood Lateral	32.37	15	1025	0.35	Side Slope	FO/OP		
Sherwood Lateral	32.38	10	1165	0.27	Side Slope	FO/AG		
Sherwood Lateral	32.57	10	520	0.12	Side Slope	FO		
Sherwood Lateral	32.58	15	630	0.22	Side Slope	FO		
Sherwood Lateral	33.32	25	3585	2.06	Side Slope	FO/OP/AG		
Sherwood Lateral	33.51	25	550	0.32	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO		
Sherwood Lateral	33.59	15	330	0.11	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO		
Sherwood Lateral	33.59	10	360	0.08	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO		
Sherwood Lateral	33.64	15	145	0.05	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	OP		
Sherwood Lateral	33.64	10	105	0.02	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	33.67	15	165	0.06	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO	W3H-WE-196	0
Sherwood Lateral	33.68	10	110	0.03	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO		
Sherwood Lateral	33.77	25	1110	0.63	CR 26/1 (Dutch Camp Road) Crossing / Side Slope	FO		
Sherwood Lateral	33.89	300	200	1.38	Ohio River HDD	FO	WB3H-WE-189	0
Sherwood Lateral	33.91	50	45	0.05	Ohio River HDD	FO		
Sherwood Lateral	35.03	50	300	0.34	Ohio River HDD	FO/OP		
Sherwood Lateral	35.17	25	2220	1.27	Side Slope	FO		
Sherwood Lateral	35.37	25	3115	1.79	Side Slope	FO		
Sherwood Lateral	35.41	10	250	0.06	Side Slope	FO/OP		
Sherwood Lateral	35.41	15	260	0.16	Side Slope	FO		
Sherwood Lateral	35.58	25	1570	0.9	Side Slope	FO		
Sherwood Lateral	35.72	10	100	0.02	TWP 496 Crossing	FO/OP		
Sherwood Lateral	35.74	15	150	0.03	TWP 496 Crossing	FO/OP		
Sherwood Lateral	35.74	10	100	0.02	TWP 496 Crossing	FO/OP		
Sherwood Lateral	35.75	15	45	0.01	TWP 496 Crossing	FO/OP		
Sherwood Lateral	35.97	25	2130	1.22	Side Slope	FO/OP		
Sherwood Lateral	36.22	25	340	0.2	Side Slope	FO		
Sherwood Lateral	36.26	10	80	0.02	Stream Crossing	FO		
Sherwood Lateral	36.26	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	36.35	15	100	0.03	Stream Crossing	FO/OP		
Sherwood Lateral	36.35	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	36.5	15	140	0.05	Eureka Hunter Pipeline Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	36.5	10	140	0.03	Eureka Hunter Pipeline Crossing	FO/OP		
Sherwood Lateral	36.56	15	230	0.08	Stream Crossing	FO		
Sherwood Lateral	36.56	10	230	0.05	Stream Crossing	FO		
Sherwood Lateral	36.62	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	36.62	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	36.83	25	1955	1.12	Side Slope	FO/AG		
Sherwood Lateral	37.08	15	45	0.01	CR 10 (Benwood Rd) Crossing	AG/FO		
Sherwood Lateral	37.08	10	100	0.02	CR 10 (Benwood Rd) Crossing	AG/FO		
Sherwood Lateral	37.11	15	300	0.1	Stream / CR 10 (Benwood Rd) Crossing	FO		
Sherwood Lateral	37.12	10	275	0.07	Stream / CR 10 (Benwood Rd) Crossing	FO/AG		
Sherwood Lateral	37.19	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	37.19	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	37.23	25	365	0.21	Side Slope	FO		
Sherwood Lateral	37.27	25	135	0.08	Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	37.33	15	395	0.14	Wetland / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	37.33	10	340	0.08	Wetland / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	37.4	25	90	0.05	Stream / Wetlands Crossing	OP/FO		
Sherwood Lateral	37.41	15	100	0.03	Wetland / TWP 490 (Brey Hollow Road) Crossing	OP/FO	W4H-MO-276	0
Sherwood Lateral	37.43	10	180	0.04	Wetland / TWP 490 (Brey Hollow Road) Crossing	OP/FO	W4H-MO-276	0
Sherwood Lateral	37.43	15	60	0.02	TWP 490 (Brey Hollow Road) Crossing	OP/FO		
Sherwood Lateral	37.45	15	230	0.08	TWP 490 (Brey Hollow Road) / Eureka Hunter Pipeline Crossing	FO		
Sherwood Lateral	37.47	10	220	0.05	TWP 490 (Brey Hollow Road) / Eureka Hunter Pipeline Crossing	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	37.61	25	1585	0.91	Side Slope	FO		
Sherwood Lateral	37.82	15	445	0.15	Side Slope / TWP 493 (Mt. Olive Rd) Crossing	FO		
Sherwood Lateral	37.82	10	475	0.11	Side Slope / TWP 493 (Mt. Olive Rd) Crossing	FO		
Sherwood Lateral	37.9	15	120	0.04	TWP 493 (Mt. Olive Rd) / Stream Crossing	FO		
Sherwood Lateral	37.9	10	100	0.02	TWP 493 (Mt. Olive Rd) / Stream Crossing	FO		
Sherwood Lateral	38	25	825	0.47	Side Slope	FO		
Sherwood Lateral	38.1	10	60	0.01	Streams Crossing	FO		
Sherwood Lateral	38.1	15	125	0.04	Streams Crossing	FO		
Sherwood Lateral	38.17	10	195	0.04	Streams Crossing	FO		
Sherwood Lateral	38.18	15	90	0.03	Streams Crossing	FO		
Sherwood Lateral	38.32	25	1230	0.71	Side Slope	FO/AG		
Sherwood Lateral	38.56	25	800	0.46	Side Slope	FO		
Sherwood Lateral	38.63	15	75	0.03	Stream Crossing	FO		
Sherwood Lateral	38.63	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	38.68	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	38.69	15	65	0.02	Stream Crossing	FO		
Sherwood Lateral	38.93	25	1665	0.96	Side Slope	FO		
Sherwood Lateral	39.13	10	135	0.03	TWP 480 (Lengacher Road) / Stream Crossing	FO		
Sherwood Lateral	39.13	15	150	0.05	TWP 480 (Lengacher Road) / Stream Crossing	FO		
Sherwood Lateral	39.17	10	100	0.02	TWP 480 (Lengacher Road) / Stream Crossing	FO		
Sherwood Lateral	39.91	25	5260	3.02	Side Slope	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sup>a</sup>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	40.3	15	60	0.02	Stream Crossing	FO		
Sherwood Lateral	40.31	10	60	0.01	Stream Crossing	FO		
Sherwood Lateral	40.35	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	40.35	10	100	0.02	Stream Crossing	FO/AG		
Sherwood Lateral	40.51	25	545	0.31	Side Slope	FO		
Sherwood Lateral	40.75	25	1280	0.73	Side Slope	FO		
Sherwood Lateral	40.95	25	1050	0.6	Side Slope	FO/OP		
Sherwood Lateral	41.06	10	130	0.03	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	41.08	15	245	0.08	Unknown Foreign Pipeline Crossing	FO		
Sherwood Lateral	41.12	10	110	0.04	TWP 477 (Pea Vine Ridge Rd)	FO		
Sherwood Lateral	41.12	15	100	0.03	TWP 477 (Pea Vine Ridge Rd)	FO		
Sherwood Lateral	41.15	10	175	0.05	TWP 477 (Pea Vine Ridge Rd) / Benwood Rd Crossing	FO		
Sherwood Lateral	41.15	15	225	0.07	TWP 477 (Pea Vine Ridge Rd) / Benwood Rd Crossing	FO		
Sherwood Lateral	41.26	10	130	0.03	Stream Crossing	FO		
Sherwood Lateral	41.26	15	225	0.08	Stream Crossing	FO		
Sherwood Lateral	41.37	25	1195	0.69	Side Slope	FO		
Sherwood Lateral	41.53	25	140	0.08	Side Slope	FO		
Sherwood Lateral	41.75	25	745	0.43	Side Slope	FO/OP		
Sherwood Lateral	41.92	25	135	0.08	Side Slope	FO		
Sherwood Lateral	42.05	15	100	0.03	Stream / Wetland Crossing	FO		
Sherwood Lateral	42.05	10	100	0.02	Stream / Wetland Crossing	FO		
Sherwood Lateral	42.09	10	75	0.02	Wetland / CR 10a (Griffith Road) Crossing	FO/OP		
Sherwood Lateral	42.09	15	75	0.02	Wetland / CR 10a (Griffith Road) Crossing	FO/OP		
Sherwood Lateral	42.13	10	165	0.04	Wetland / CR 10a (Griffith Road) Crossing	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	42.13	15	165	0.06	Wetland / CR 10a (Griffith Road) Crossing	FO/OP		
Sherwood Lateral	42.27	25	1220	0.7	Side Slope	FO		
Sherwood Lateral	42.48	25	630	0.36	Side Slope	FO/OP		
Sherwood Lateral	42.64	25	680	0.39	Side Slope	FO		
Sherwood Lateral	42.79	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	42.82	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	42.85	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	42.86	10	95	0.02	Stream Crossing	FO		
Sherwood Lateral	43.26	25	3475	1.99	Side Slope	FO		
Sherwood Lateral	43.65	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	43.66	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	43.72	15	180	0.06	Stream Crossing	FO		
Sherwood Lateral	43.73	10	155	0.04	Stream Crossing	FO		
Sherwood Lateral	44.24	10	320	0.07	Dominion Pipeline Crossing	AG/FO		
Sherwood Lateral	44.24	15	250	0.09	Dominion Pipeline Crossing	FO		
Sherwood Lateral	44.32	10	100	0.02	Natural Drainage Crossing	FO		
Sherwood Lateral	44.32	15	100	0.03	Natural Drainage Crossing	FO		
Sherwood Lateral	44.36	10	220	0.03	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
Sherwood Lateral	44.39	15	240	0.08	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
Sherwood Lateral	44.39	10	135	0.04	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
Sherwood Lateral	44.41	15	120	0.04	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
Sherwood Lateral	44.5	25	585	0.34	Side Slope	FO		
Sherwood Lateral	45.52	25	595	0.34	Side Slope	FO		
Sherwood Lateral	45.66	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	45.66	15	100	0.03	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	45.7	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	45.7	15	95	0.03	Stream Crossing	FO		
Sherwood Lateral	45.86	25	540	0.31	Side Slope	FO		
Sherwood Lateral	45.9	15	60	0.02	TWP 8 / Stream / Wetland Crossing	FO		
Sherwood Lateral	45.9	10	60	0.01	TWP 8 / Stream / Wetland Crossing	FO		
Sherwood Lateral	45.95	15	90	0.03	TWP 8 / Stream / Wetland Crossing	FO		
Sherwood Lateral	45.95	10	75	0.02	TWP 8 / Stream / Wetland Crossing	FO		
Sherwood Lateral	46.13	25	730	0.42	Side Slope	FO		
Sherwood Lateral	46.47	25	1130	0.65	Side Slope	FO/AG		
Sherwood Lateral	46.8	10	60	0.02	Stream / Wetland / St Hwy 78 Crossing	OP		
Sherwood Lateral	46.8	15	80	0.02	Stream / Wetland / St Hwy 78 Crossing	OP		
Sherwood Lateral	46.82	15	115	0.05	Stream / Wetland / St Hwy 78 Crossing	FO/OP		
Sherwood Lateral	46.82	10	105	0.04	Stream / Wetland / St Hwy 78 Crossing	FO/OP		
Sherwood Lateral	46.93	25	695	0.4	Side Slope	FO		
Sherwood Lateral	47	10	90	0.03	Stream Crossing	FO		
Sherwood Lateral	47	15	140	0.05	Stream Crossing	FO		
Sherwood Lateral	47.05	10	70	0.02	Stream Crossing	FO		
Sherwood Lateral	47.05	15	100	0.03	Stream Crossing	FO		
Sherwood Lateral	47.08	25	215	0.12	Stream Crossing	FO		
Sherwood Lateral	47.17	25	600	0.34	Topsoil Segregation	FO		
Sherwood Lateral	47.44	15	225	0.08	Wetland / Stream Crossing	FO		
Sherwood Lateral	47.43	10	145	0.03	Wetland / Stream Crossing	FO		
Sherwood Lateral	47.46	10	45	0.01	Wetland / Stream Crossing	FO		
Sherwood Lateral	47.49	25	75	0.04	CR 6 (Altitude Miller Hill Rd) Crossing	OP	W4H-MO-271	8.1
Sherwood Lateral							S4H-MO-270	0



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	47.52	10	215	0.05	CR 6 (Altitude Miller Hill Rd) Crossing	FO		
Sherwood Lateral	47.52	15	205	0.07	CR 6 (Altitude Miller Hill Rd) Crossing	FO		
Sherwood Lateral	47.79	25	910	0.52	Side Slope	FO		
Sherwood Lateral	48.12	25	320	0.18	Stream Crossing	FO		
Sherwood Lateral	48.26	25	455	0.26	Stream Crossing	FO		
Sherwood Lateral	48.39	10	100	0.02	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
Sherwood Lateral	48.4	15	100	0.03	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
Sherwood Lateral	48.43	10	100	0.02	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
Sherwood Lateral	48.47	10	105	0.02	Stream Crossing	FO		
Sherwood Lateral	48.52	25	280	0.16	Side Slope	FO		
Sherwood Lateral	48.55	10	75	0.02	Sunfish Creek Crossing	FO		
Sherwood Lateral	48.56	15	110	0.04	Sunfish Creek Crossing	FO		
Sherwood Lateral	48.66	10	50	0.01	CR 29 (Sunfish Creek Rd) Crossing	FO		
Sherwood Lateral	48.66	15	100	0.03	CR 29 (Sunfish Creek Rd) Crossing	FO		
Sherwood Lateral	48.69	10	160	0.04	CR 29 (Sunfish Creek Rd) Crossing	FO/OP		
Sherwood Lateral	48.69	15	160	0.05	CR 29 (Sunfish Creek Rd) Crossing	FO/OP		
Sherwood Lateral	48.98	15	220	0.08	Blue Racer Midstream Pipeline Crossing	FO		
Sherwood Lateral	49	10	220	0.05	Blue Racer Midstream Pipeline Crossing	FO		
Sherwood Lateral	49.6	10	130	0.03	Wetland Crossing	OP		
Sherwood Lateral	49.98	10	345	0.08	Streams Crossing	FO/OP		
Sherwood Lateral	49.99	15	365	0.13	Streams Crossing	FO/OP		
Sherwood Lateral	50.05	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	50.07	15	95	0.03	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Sherwood Lateral	50.21	15	200	0.07	Blue Racer Midstream Pipeline Crossing	FO		
Sherwood Lateral	50.23	10	200	0.05	Blue Racer Midstream Pipeline Crossing	FO		
Sherwood Lateral	51	15	105	0.04	Piney Fork Stream Crossing	FO		
Sherwood Lateral	51	10	100	0.02	Piney Fork Stream Crossing	FO		
Sherwood Lateral	51.09	10	370	0.08	Piney Fork Stream Crossing / Side Slope	FO		
Sherwood Lateral	51.09	15	435	0.15	Piney Fork Stream Crossing / Side Slope	FO		
Sherwood Lateral	51.66	15	250	0.09	Unknown Foreign Pipelines Crossing	FO/OP		
Sherwood Lateral	51.67	10	250	0.06	Unknown Foreign Pipelines Crossing	FO/OP		
Sherwood Lateral	51.95	25	665	0.38	Side Slope	FO	S9H-MO-136	38.48
Sherwood Lateral	52.03	15	105	0.04	Stream Crossing	FO		
Sherwood Lateral	52.04	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	52.09	10	100	0.02	Stream Crossing	FO		
Sherwood Lateral	52.11	15	100	0.03	Stream Crossing	FO		
CGT Lateral	0	25	125	0.07	Dominion Pipeline Crossing	FO		
CGT Lateral	0	40	310	0.2	Dominion Pipeline Crossing	OP		
CGT Lateral	0.03	30	85	0.05	Dominion Pipeline Crossing	FO		
CGT Lateral	0.07	30	400	0.27	Dominion Pipeline Crossing	OP		
CGT Lateral	0.21	30	840	0.58	Dominion Pipeline Crossing	FO		
CGT Lateral	0.25	25	320	0.18	Dominion Pipeline Crossing / Side Slope	FO		
CGT Lateral	0.54	25	2165	1.24	Side Slope	FO		
CGT Lateral	0.78	10	405	0.09	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
CGT Lateral	0.79	15	305	0.11	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
CGT Lateral	0.89	25	1125	0.65	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing / Side Slope	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
CGT Lateral	1.03	10	120	0.03	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO/OP		
CGT Lateral	1.03	15	120	0.04	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
CGT Lateral	1.09	25	660	0.38	Side Slope	OP/FO		
CGT Lateral	1.17	15	230	0.08	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
CGT Lateral	1.18	10	220	0.05	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
CGT Lateral	1.67	25	4455	2.56	Dominion Pipeline Crossing / Side Slope	FO		
CGT Lateral	2.06	10	240	0.06	Summit Midstream/ Mark West Liberty/ Foreign Pipeline Crossing	FO		
CGT Lateral	2.06	15	200	0.07	Summit Midstream/ Mark West Liberty/ Foreign Pipeline Crossing	FO		
CGT Lateral	2.37	25	3240	1.86	Side Slope	FO/OP		
CGT Lateral	2.69	10	155	0.04	Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
CGT Lateral	2.7	15	130	0.04	Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
CGT Lateral	2.86	25	1795	1.03	Side Slope	FO/OP		
CGT Lateral	3.33	25	3280	1.88	Side Slope	FO/AG		
CGT Lateral	3.93	25	1845	1.06	Side Slope	FO/OP		
CGT Lateral	4.13	25	260	0.15	Summit Midstream Pipeline Crossing	FO		
CGT Lateral	4.17	15	100	0.03	Side Slope	FO		
CGT Lateral	4.17	15	100	0.03	Summit Midstream Pipeline Crossing	FO		
CGT Lateral	4.34	25	1635	0.94	Side Slope	FO/OP		
CGT Lateral	4.51	10	245	0.06	Summit Midstream Pipeline Crossing	FO/AG		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
CGT Lateral	4.51	15	220	0.08	Summit Midstream Pipeline Crossing	AG		
CGT Lateral	4.62	25	995	0.57	Side Slope / Stream Crossing	FO/OP		
CGT Lateral	4.88	25	2080	1.19	Stream Crossing / Side Slope	FO/OP		
CGT Lateral	5.19	25	655	0.38	Side Slope / Exco Resources Pipeline Crossing	FO		
CGT Lateral	5.28	15	100	0.03	Energy Transfer Pipeline Crossing	FO/OP		
CGT Lateral	5.28	10	100	0.02	Energy Transfer Pipeline Crossing	FO/OP		
CGT Lateral	5.35	25	595	0.34	Side Slope / Exco Resources Pipeline Crossing	FO/OP		
CGT Lateral	5.42	15	155	0.05	CR 3 (Big Flint Road) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.44	10	160	0.06	CR 3 (Big Flint Road) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.45	10	65	0.01	CR 3 (Big Flint Road) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.47	15	235	0.08	CR 3 (Big Flint Road) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.49	10	105	0.02	Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.55	25	800	0.46	CR 3 / 7 (Flint Rd) / Energy Transfer Pipeline Crossing / Side Slope	FO/OP		
CGT Lateral	5.65	10	80	0.02	CR 3 / 7 (Flint Rd) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.65	15	80	0.03	CR 3 / 7 (Flint Rd) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral	5.66	10	80	0.02	Side Slope	OP		
CGT Lateral	5.71	55	640	0.81	Side Slope	OP		
CGT Lateral	5.75	10	200	0.05	Energy Transfer Pipeline Crossing	OP		
Seneca Lateral	0.05	20	165	0.08	Atero Resources Pipeline Crossing	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	0.06	15	115	0.04	Atero Resources Pipeline Crossing	FO/OP		
Seneca Lateral	0.13	25	245	0.14	Side Slope	FO/OP		
Seneca Lateral	0.21	15	115	0.04	CR 5a (Glady Rd) Crossing	OP/FO		
Seneca Lateral	0.21	10	115	0.03	CR 5a (Glady Rd) Crossing	OP/FO		
Seneca Lateral	0.28	15	100	0.03	Stream Crossing	FO/AG		
Seneca Lateral	0.3	10	100	0.02	Stream Crossing	FO/AG		
Seneca Lateral	0.3	15	105	0.04	Stream Crossing	FO		
Seneca Lateral	0.36	15	160	0.06	Stream Crossing	FO		
Seneca Lateral	0.46	15	565	0.19	Stream Crossing / Side Slope	FO/OP		
Seneca Lateral	0.57	15	500	0.17	St Hwy 513 (Batesville Rd) Crossing / Side Slope	FO/AG		
Seneca Lateral	0.68	25	290	0.17	Texas Eastern Transmission Pipeline / St Hwy 513 (Batesville Rd) Crossing	OP	W7H-NO-424	22.61
Seneca Lateral	1.13	15	1015	0.35	Stream Crossing / Side Slope	FO		
Seneca Lateral	1.32	15	70	0.02	Blueracer Pipeline / Stream Crossing	FO		
Seneca Lateral	1.38	25	620	0.36	Blueracer Pipeline / Stream Crossing / Side Slope	FO		
Seneca Lateral	1.54	25	160	0.09	Stream Crossing	FO		
Seneca Lateral	1.83	25	2650	1.52	Side Slope	FO/OP		
Seneca Lateral	2.1	25	80	0.05	State Hwy 78 Crossing	OP		
Seneca Lateral	2.16	25	165	0.09	State Hwy 78 Crossing	OP/FO		
Seneca Lateral	2.59	25	2430	1.39	Side Slope / Stream Crossing	FO		
Seneca Lateral	2.84	10	100	0.02	Stream Crossing	OP/FO		
Seneca Lateral	2.86	15	100	0.03	Stream Crossing	FO		
Seneca Lateral	3.01	25	375	0.22	Side Slope	FO/OP		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	3.23	25	105	0.06	Stream Crossing	FO	S2TB-MO-108	47.51
Seneca Lateral	3.3	25	385	0.22	Stream Crossing / Side Slope	FO		
Seneca Lateral	3.45	25	430	0.25	Stream Crossing / Side Slope	FO		
Seneca Lateral	3.58	25	780	0.45	Stream Crossing / Side Slope	FO/OP		
Seneca Lateral	3.66	15	140	0.04	State Hwy 78 Crossing	OP/FO		
Seneca Lateral	3.66	10	115	0.02	State Hwy 78 Crossing	OP/FO		
Seneca Lateral	4.02	25	1465	0.84	Stream Crossing / Side Slope	FO		
Seneca Lateral	4.27	25	465	0.27	Stream Crossing / Side Slope	FO		
Seneca Lateral	4.6	25	720	0.41	Stream Crossing / Side Slope	FO		
Seneca Lateral	4.75	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	4.79	25	40	0.01	TWP Rd 63 Crossing	FO/AG		
Seneca Lateral	4.81	25	155	0.1	TWP Rd 63 Crossing	FO/AG		
Seneca Lateral	4.95	25	865	0.5	Side Slope	FO/OP		
Seneca Lateral	5.16	25	680	0.39	Side Slope / Stream / Wetland Crossing	OP/FO/AG		
Seneca Lateral	5.27	25	25	0.01	TWP 66 Crossing	OP		
Seneca Lateral	5.28	25	80	0.05	TWP 66 Crossing	OP		
Seneca Lateral	5.37	25	200	0.11	Side Slope	FO		
Seneca Lateral	5.43	25	290	0.17	Side Slope	FO/AG	S1H-MO-160	46.8
Seneca Lateral	5.52	25	660	0.38	Side Slope	FO		
Seneca Lateral	5.72	25	45	0.01	Side Slope / TWP 68 Crossing	FO		
Seneca Lateral	5.74	25	1245	0.71	Side Slope / Stream / TWP 68 Crossing	FO/AG		
Seneca Lateral	6.1	25	460	0.26	Side Slope	FO		
Seneca Lateral	6.28	25	935	0.54	Side Slope / Stream Crossing	FO		
Seneca Lateral	6.43	25	190	0.11	Stream Crossing / Unknown Foreign Pipeline Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	6.56	25	245	0.14	Stream Crossing	FO		
Seneca Lateral	6.62	25	60	0.03	Stream Crossing	FO		
Seneca Lateral	6.72	25	275	0.16	TWP Rd 55 Crossing	FO/OP		
Seneca Lateral	6.74	25	25	0.01	TWP Rd 55 Crossing	FO/OP		
Seneca Lateral	6.96	50	220	0.25	Wetlands / Texas Eastern Transmission Pipeline Crossing	OP		
Seneca Lateral	7.01	25	180	0.1	Wetlands / TWP 2351 / CR 18 / Stream Crossing	FO/OP		
Seneca Lateral	7.04	25	455	0.26	Wetlands / TWP 2351 / CR 18 / Stream Crossing	FO/OP		
Seneca Lateral	7.17	25	105	0.06	TWP Rd 1531 (Fantasy Lane) Crossing	FO		
Seneca Lateral	7.19	25	35	0.01	TWP Rd 1531 (Fantasy Lane) Crossing	OP		
Seneca Lateral	7.3	25	500	0.29	Texas Eastern Transmission Pipeline / Stream / Wetland Crossing	OP		
Seneca Lateral	7.38	25	100	0.06	Stream / Wetland Crossing	FO		
Seneca Lateral	7.58	25	455	0.26	Side Slope	FO		
Seneca Lateral	7.77	25	1310	0.75	Side Slope	FO/OP	S1TB-MO-140	29.79
Seneca Lateral	9.07	25	540	0.31	Stream / Wetland Crossing	FO		
Seneca Lateral	9.17	25	100	0.1	Wetland Crossing	FO		
Seneca Lateral	9.25	25	25	0.01	St Hwy 145 / Unknown Foreign Pipeline Crossing / Side Slope	OP		
Seneca Lateral	9.3	25	425	0.24	St Hwy 145 / Unknown Foreign Pipeline Crossing / Side Slope	FO/OP		
Seneca Lateral	9.41	25	280	0.16	Stream Crossing	FO		
Seneca Lateral	9.47	25	145	0.08	Stream Crossing	FO		
Seneca Lateral	9.7	25	420	0.24	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	9.81	25	250	0.14	Stream Crossing	FO/OP		
Seneca Lateral	9.95	25	280	0.16	Stream Crossing	OP/FO		
Seneca Lateral	10.5	25	210	0.12	Side Slope	FO		
Seneca Lateral	10.65	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	10.72	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	10.79	25	205	0.12	Streams Crossing	FO	S4H-MO-205	48.34
Seneca Lateral	10.89	25	355	0.2	Streams Crossing	FO	S4H-MO-208	45.6
Seneca Lateral	10.98	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	11.16	25	110	0.06	CR 2 (Miltonsburg-Calais Rd) Crossing	OP		
Seneca Lateral	12.47	15	225	0.1	TWP Rd 81 Crossing	FO/OP		
Seneca Lateral	12.47	10	50	0.01	TWP Rd 81 Crossing	FO/OP		
Seneca Lateral	12.49	10	85	0.01	Stream / TWP Rd 81 Crossing / Side Slope	FO/OP		
Seneca Lateral	12.49	15	115	0.04	TWP Rd 81 Crossing	FO/OP		
Seneca Lateral	12.52	25	135	0.08	Stream Crossing	FO		
Seneca Lateral	12.67	25	825	0.47	Side Slope / Streams Crossing	FO		
Seneca Lateral	12.76	25	90	0.05	Stream Crossing	FO		
Seneca Lateral	12.91	25	200	0.11	Stream Crossing	FO		
Seneca Lateral	13.07	25	840	0.48	Stream Crossing / Side Slope	FO		
Seneca Lateral	13.25	25	340	0.2	Side Slope / CR 27 (Moore Ridge Rd) Crossing	FO/OP		
Seneca Lateral	13.4	25	230	0.13	Stream Crossing	FO		
Seneca Lateral	13.47	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	13.52	25	100	0.06	Natural Drainage Crossing	FO		
Seneca Lateral	13.72	25	555	0.32	Stream Crossing / Side Slope	FO		
Seneca Lateral	13.92	25	1040	0.6	Stream Crossing / Side Slope	FO		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	14.1	25	295	0.17	Stream Crossing / Side Slope	FO		
Seneca Lateral	14.2	25	225	0.13	Stream Crossing	FO	S2TB-MO-124	48.34
Seneca Lateral	14.54	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	14.71	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	14.78	25	100	0.06	Stream Crossing	FO/AG		
Seneca Lateral	15.14	25	500	0.29	Wetland / Stream Crossing	FO		
Seneca Lateral	15.27	25	505	0.29	Stream Crossing / Side Slope	FO		
Seneca Lateral	15.39	25	445	0.26	Stream Crossing / Side Slope	FO/AG		
Seneca Lateral	15.5	25	100	0.06	Side Slope	FO/AG		
Seneca Lateral	15.58	25	665	0.38	Side Slope	FO	S1TB-MO-147	30.7
Seneca Lateral	15.86	25	1005	0.58	Side Slope	FO		
Seneca Lateral	16.05	25	100	0.06	Stream Crossing	FO		
Seneca Lateral	16.13	25	245	0.14	CR 1 (Kings Hwy) / Stream Crossing	FO		
Seneca Lateral	16.28	25	730	0.42	Side Slope	FO		
Seneca Lateral	16.42	25	350	0.2	Streams / Wetland Crossing	FO/OP	S2TB-MO-132	48.44
Seneca Lateral	17.02	25	990	0.57	Side Slope / Stream Crossing	FO	S1TB-MO-164	40.45
Seneca Lateral	17.19	25	230	0.13	Side Slope / Stream Crossing	FO		
Seneca Lateral	17.76	25	430	0.25	Stream / Wetland Crossing	FO/OP		
Seneca Lateral	18.7	25	10	0.01	CR 31 (Mellott Ridge Rd) / Stream Crossing / Side Slope	OP		
Seneca Lateral	18.72	25	625	0.36	CR 31 (Mellott Ridge Rd) / Stream Crossing / Side Slope	FO/OP	S1TB-MO-170	49.56
Seneca Lateral	18.95	25	850	0.49	Stream / Side Slope	FO/OP		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	19.01	25	150	0.09	Texas Eastern Transmission Pipeline Crossing	FO		
Seneca Lateral	19.04	50	160	0.18	Texas Eastern Transmission Pipeline Crossing	FO/OP		
Seneca Lateral	19.13	25	1000	0.57	Side Slope / Stream Crossing	FO		
Seneca Lateral	19.45	25	1950	1.12	Side Slope / Stream Crossing	FO/OP		
Seneca Lateral	19.7	25	315	0.18	Stream / Texas Eastern Transmission Pipeline Crossing	FO/OP		
Seneca Lateral	19.88	25	1830	1.05	Side Slope / Texas Eastern Transmission Pipeline Crossing	OP/FO		
Seneca Lateral	20.16	25	575	0.33	Side Slope / Private Road / Stream Crossing	FO/OP		
Seneca Lateral	20.36	25	270	0.16	Stream / CR 38 (Headley Ridge Rd) Crossing	FO		
Seneca Lateral	20.39	25	10	0	CR 38 (Headley Ridge Rd) Crossing	FO/OP		
Seneca Lateral	20.56	25	1485	0.85	Side Slope / Stream Crossing	FO		
Seneca Lateral	20.78	25	315	0.18	Side Slope / Stream Crossing	FO		
Seneca Lateral	20.91	25	425	0.24	Texas Eastern Transmission Pipeline Crossing	FO/OP		
Seneca Lateral	20.94	25	220	0.13	Texas Eastern Transmission Pipeline Crossing	FO/OP		
Seneca Lateral	21.03	25	605	0.35	Side Slope / Stream Crossing	FO		
Seneca Lateral	21.21	25	1105	0.63	Side Slope / Stream Crossing	FO		
Seneca Lateral	21.39	25	200	0.11	Stream Crossing	FO		
Seneca Lateral	21.54	25	645	0.37	Side Slope	FO		
Seneca Lateral	21.68	25	315	0.18	TWP Rd 185 (Brock Ridge Rd) Crossing / Side Slope	FO/OP		
Seneca Lateral	21.82	25	95	0.01	TWP Rd 2192 Crossing	OP		
Seneca Lateral	21.84	25	640	0.34	TWP Rd 2192 Crossing / Side Slope	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Seneca Lateral	22.1	25	190	0.11	Stream Crossing	FO/OP	S7H-MO-446	47
Seneca Lateral	22.31	25	630	0.36	Side Slope / Stream Crossing	FO		
Seneca Lateral	22.47	25	485	0.28	Side Slope / Stream Crossing	FO		
Seneca Lateral	22.65	25	240	0.14	Side Slope	FO/OP		
Seneca Lateral	22.96	25	120	0.07	CR 64 (Cain Ridge Rd) Crossing	FO		
Seneca Lateral	22.99	25	125	0.07	CR 64 (Cain Ridge Rd) Crossing	FO/OP		
Seneca Lateral	23.21	10	140	0.03	Stream Crossing	OP		
Seneca Lateral	23.21	15	180	0.06	Stream Crossing	OP/AG		
Seneca Lateral	23.68	25	785	0.45	Side Slope / Stream Crossing	FO		
Seneca Lateral	23.83	25	300	0.17	Side Slope / Stream Crossing	FO		
Seneca Lateral	24.04	25	100	0.06	Stream / Wetland Crossing	FO		
Seneca Lateral	24.11	25	115	0.07	Stream / Wetland Crossing	FO		
Seneca Lateral	24.19	25	210	0.12	Stream Crossing	FO		
Seneca Lateral	24.95	25	200	0.11	Stream Crossing	OP/FO		
Seneca Lateral	25.45	25	285	0.16	Stream Crossing	FO		
REX Interconnect	0.02	15	140	0.05	Side Slope	FO		
REX Interconnect	0.02	10	155	0.04	Side Slope	FO		
REX Interconnect	0.14	10	250	0.06	Tallgrass Energy / Mark West Pipeline Crossing	FO		
REX Interconnect	0.15	15	220	0.08	Tallgrass Energy / Mark West Pipeline Crossing	FO		
Berne Lateral	0.02	25	185	0.11	Swayze Rd Crossing	OP		
Berne Lateral	0.06	25	260	0.12	Swayze Rd Crossing	OP		
Berne Lateral	0.3	25	2025	1.16	Side Slope / Wetlands / Stream Crossing	FO		
Berne Lateral	0.55	25	370	0.21	Wetlands / Stream Crossing	OP	WB4H-MO-655	37.17

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Berne Lateral	0.43	25	2840	1.63	Side Slope / Wetlands / Mark West Pipeline Crossing	FO		
Berne Lateral	0.74	25	430	0.25	Side Slope / Wetlands / Mark West Pipeline Crossing	FO		
Berne Lateral	1.01	25	1900	1.09	TWP 234 Crossing / Side Slope	FO		
Berne Lateral	1.29	25	255	0.15	St Hwy 78 Crossing	FO/OP		
Berne Lateral	1.39	25	370	0.21	St Hwy 78 / Stream Crossing	AG/FO/OP	S3ES-MO-238	0
Berne Lateral	1.47	25	175	0.1	Stream / Wetland Crossing	FO		
Berne Lateral	1.61	25	720	0.41	Stream Crossing / Side Slope	FO		
Berne Lateral	1.73	25	395	0.23	Blue Racer Midstream Pipeline Crossing / Side Slope	FO		
Berne Lateral	1.82	25	705	0.4	Stream Crossing / Side Slope	FO/OP		
Berne Lateral	1.92	25	285	0.16	Stream Crossing	FO		
Berne Lateral	1.99	25	105	0.06	Stream Crossing	FO		
Berne Lateral	2.05	25	515	0.3	TWP 203 (Cemetery Rd) / Bishop Run Waterbody Crossing / Side Slope	FO/OP		
Berne Lateral	2.1	25	155	0.1	TWP 203 (Cemetery Rd) / Bishop Run Waterbody Crossing / Side Slope	FO		
Berne Lateral	2.29	25	1275	0.73	Bishop Run Waterbody Crossing / Side Slope	FO		
Berne Lateral	2.56	15	1015	0.35	Side Slope	FO		
Berne Lateral	3.01	25	300	0.17	Texas Eastern Pipelines Crossing	OP	W7H-NO-424	23.05
Berne Lateral	3.12	20	495	0.23	SR 513 Crossing / Topsoil Segregation	FO/AG		
Berne Lateral	3.23	15	580	0.2	Stream Crossing / Side Slope	FO/OP		
Berne Lateral	3.33	15	160	0.06	Stream Crossing	FO		
Berne Lateral	3.4	15	205	0.07	Stream Crossing	FO/AG		
Berne Lateral	3.48	15	115	0.04	Glady Rd Crossing	OP/FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Berne Lateral	3.55	25	245	0.14	Side Slope	FO/OP		
Berne Lateral	3.63	15	115	0.04	Antero Resources Pipeline Crossing	FO/OP		
Berne Lateral	3.64	10	165	0.04	Antero Resources Pipeline Crossing	FO/OP		
Clarington Lateral	0.16	25	75	0.01	German Ridge Rd Crossing	OP/AG		
Clarington Lateral	0.24	25	380	0.22	Stream Crossing	FO		
Clarington Lateral	0.87	25	640	0.37	Side Slope	FO		
Clarington Lateral	1.46	25	1240	0.71	Side Slope	FO		
Clarington Lateral	1.63	15	405	0.14	Stream Crossing	FO/OP		
Clarington Lateral	1.64	10	300	0.07	Stream Crossing	FO		
Clarington Lateral	1.72	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	1.72	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	1.96	25	3055	1.75	Side Slope / Stream Crossing	FO/OP		
Clarington Lateral	2.58	25	2480	1.42	Side Slope / Stream Crossing	FO/OP		
Clarington Lateral	2.99	25	770	0.44	Side Slope	FO/OP		
Clarington Lateral	3.15	25	322	0.18	Side Slope	FO		
Clarington Lateral	3.45	15	115	0.06	CR 5 (Clover Ridge Road) Crossing	FO/OP		
Clarington Lateral	3.45	10	125	0.04	CR 5 (Clover Ridge Road) Crossing	FO/OP		
Clarington Lateral	3.51	10	100	0.02	Stream Crossing	FO	S4ES-BE-204	36.74
Clarington Lateral	3.58	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	3.64	15	145	0.05	Stream Crossing	FO		
Clarington Lateral	3.65	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	3.68	25	640	0.37	Wetland Crossing / Side Slope	FO		
Clarington Lateral	3.84	25	330	0.19	Wetland Crossing / Side Slope	FO		
Clarington Lateral	3.93	25	440	0.25	Stream Crossing	FO		
Clarington Lateral	4.01	10	305	0.07	Pea Vine Creek / CR 106 Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	4.02	15	290	0.01	Pea Vine Creek / CR 106 Crossing	FO		
Clarington Lateral	4.08	10	55	0.02	Pea Vine Creek / CR 106 Crossing	FO		
Clarington Lateral	4.08	15	70	0.02	Pea Vine Creek / CR 106 Crossing	FO		
Clarington Lateral	4.11	10	335	0.1	Pea Vine Creek / CR 106 Crossing	FO		
Clarington Lateral	4.11	15	270	0.1	Pea Vine Creek / CR 106 Crossing	FO	S4ES-BE-201	42.3
Clarington Lateral	4.36	25	2760	1.58	Side Slope	FO	S4ES-BE-201	38.29
Clarington Lateral	4.71	10	210	0.05	Unknown Rd Crossing	FO		
Clarington Lateral	4.71	15	210	0.07	Unknown Rd Crossing	FO		
Clarington Lateral	4.76	25	260	0.15	Private Road Crossing	FO		
Clarington Lateral	4.79	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	4.8	10	130	0.03	Stream Crossing	FO	S1ES-BE-215	47.88
Clarington Lateral	4.88	15	515	0.16	Gilkeson Rd Crossing	FO		
Clarington Lateral	4.89	10	440	0.09	Gilkeson Rd Crossing	FO		
Clarington Lateral	4.95	25	320	0.18	Side Slope	FO		
Clarington Lateral	5.39	25	3950	2.27	Side Slope	FO		
Clarington Lateral	5.98	50	300	0.34	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO		
Clarington Lateral	5.98	25	300	0.17	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO		
Clarington Lateral	6.38	25	140	0.08	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO/OP		
Clarington Lateral	6.38	165	200	0.75	St Hwy 148 (E. Captina-Steinersville Rd) HDD	OP/AG		
Clarington Lateral	6.47	50	1760	2.02	St Hwy 148 (E. Captina-Steinersville Rd) HDD	OP/FO/AG		
Clarington Lateral	7.06	25	2410	1.38	Side Slope	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	7.4	25	905	0.52	Side Slope	FO		
Clarington Lateral	7.6	25	140	0.08	Stream Crossing / Side Slope	FO	S3ES-BE-179 S3ES-BE-176	27.73 12.54
Clarington Lateral	7.66	25	345	0.2	Stream / Wetland Crossing / Side Slope	FO		
Clarington Lateral	7.73	25	80	0.05	Wetland / Stream Crossing	FO		
Clarington Lateral	7.77	25	225	0.13	Stream Crossing / Side Slope	FO		
Clarington Lateral	8.1	25	600	0.34	Side Slope	FO/OP		
Clarington Lateral	8.24	25	180	0.1	Stream Crossing	FO	S2ES-BE-205	30.22
Clarington Lateral	8.38	25	505	0.29	Stream Crossing	FO/OP		
Clarington Lateral	8.51	25	120	0.07	Stream Crossing	FO		
Clarington Lateral	8.66	25	195	0.11	Private Road Crossing / Side Slope	FO/OP		
Clarington Lateral	8.69	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	8.69	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	8.71	25	90	0.05	Stream Crossing / Side Slope	FO		
Clarington Lateral	8.75	10	155	0.04	Stream Crossing	FO		
Clarington Lateral	8.75	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	8.81	25	465	0.27	Side Slope	FO		
Clarington Lateral	8.86	25	105	0.06	Stream Crossing	FO		
Clarington Lateral	8.87	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	8.92	15	130	0.04	Stream Crossing	FO		
Clarington Lateral	8.92	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	8.96	25	320	0.18	Side Slope	FO		
Clarington Lateral	9.2	15	215	0.07	Columbia Gas Pipeline Crossing	FO/AG		
Clarington Lateral	9.22	10	210	0.05	Columbia Gas Pipeline Crossing	FO/OP		
Clarington Lateral	9.27	25	355	0.2	Columbia Gas Pipeline Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	9.41	25	460	0.26	Columbia Gas Pipeline Crossing	FO		
Clarington Lateral	9.61	25	375	0.22	CR 237 Crossing	FO/AG		
Clarington Lateral	9.65	25	65	0.04	CR 237 Crossing	FO/OP		
Clarington Lateral	9.76	15	300	0.1	Stream Crossing	FO/OP	S4H-BE-361	29.7
Clarington Lateral	9.76	10	300	0.07	Stream Crossing	FO/OP		
Clarington Lateral	9.84	15	200	0.07	Stream Crossing	FO		
Clarington Lateral	9.84	10	195	0.04	Stream Crossing	FO		
Clarington Lateral	9.99	10	200	0.05	Stream Crossing	FO		
Clarington Lateral	9.99	15	200	0.07	Stream Crossing	FO		
Clarington Lateral	10.06	10	175	0.04	Stream Crossing	FO/AG		
Clarington Lateral	10.06	15	135	0.05	Stream Crossing	FO/AG		
Clarington Lateral	10.96	10	100	0.02	Stream Crossing	FO/OP		
Clarington Lateral	10.96	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	11.02	15	120	0.08	Scatterday Rd Crossing	FO		
Clarington Lateral	11.02	10	100	0.01	Scatterday Rd Crossing	FO		
Clarington Lateral	11.04	15	100	0.05	Scatterday Rd Crossing	FO		
Clarington Lateral	11.04	10	60	0.01	Scatterday Rd Crossing	FO		
Clarington Lateral	11.3	25	230	0.13	Side Slope	FO		
Clarington Lateral	11.53	25	275	0.16	Williams Creek Crossing	FO		
Clarington Lateral	11.69	25	295	0.17	OK Rd Crossing	FO/OP		
Clarington Lateral	12.05	25	2670	1.53	Side Slope	FO/AG		
Clarington Lateral	13.14	25	395	0.23	Dominion Pipeline Crossing	FO/AG		
Clarington Lateral	13.19	25	185	0.11	Dominion Pipeline Crossing	AG		
Clarington Lateral	13.3	25	335	0.19	OK Rd Crossing	FO		
Clarington Lateral	13.32	25	140	0.1	OK Rd Crossing	FO		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	13.8	25	340	0.2	Dominion Pipeline Crossing	FO/OP		
Clarington Lateral	13.86	25	260	0.15	Dominion Pipeline Crossing	FO/OP		
Clarington Lateral	14.12	25	285	0.16	Stream Crossing	FO/OP		
Clarington Lateral	14.2	25	205	0.12	Stream Crossing	FO		
Clarington Lateral	14.35	25	350	0.2	Stream Crossing	FO/OP		
Clarington Lateral	15	25	3145	1.8	Side Slope	FO		
Clarington Lateral	15.3	25	345	0.2	East Ohio Gas Pipelines Crossing	OP		
Clarington Lateral	15.32	50	145	0.17	East Ohio Gas Pipelines Crossing	FO/OP		
Clarington Lateral	15.36	25	375	0.22	East Ohio Gas Pipelines Crossing	FO/OP		
Clarington Lateral	15.4	50	315	0.36	East Ohio Gas Pipelines Crossing	FO/OP		
Clarington Lateral	15.6	25	185	0.11	Creek Crossing	FO		
Clarington Lateral	15.68	25	350	0.2	Creek Crossing	FO		
Clarington Lateral	15.85	25	215	0.12	US Hwy 149 Crossing	FO/OP		
Clarington Lateral	15.9	25	60	0.03	US Hwy 149 Crossing	OP		
Clarington Lateral	16.3	25	110	0.06	Stream Crossing	FO/OP		
Clarington Lateral	16.35	25	50	0.03	Stream Crossing	FO/OP		
Clarington Lateral	16.71	25	515	0.3	Side Slope / East Ohio Gas / Blue Racer Pipeline Crossing	FO/AG		
Clarington Lateral	16.8	25	410	0.24	Side Slope / East Ohio Gas / Blue Racer Pipeline Crossing	FO/AG		
Clarington Lateral	16.85	50	135	0.15	East Ohio Gas / Blue Racer Pipeline Crossing	AG		
Clarington Lateral	16.87	25	205	0.12	East Ohio Gas / Blue Racer Pipeline Crossing	AG		
Clarington Lateral	17.13	25	70	0.02	CR 82 Crossing	FO		
Clarington Lateral	17.27	25	485	0.28	Side Slope	FO		
Clarington Lateral	17.58	25	365	0.21	Stream Crossing / Side Slope	FO		
Clarington Lateral	17.67	25	320	0.18	Stream Crossing / Side Slope	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	17.79	25	405	0.23	Columbia Gas Pipeline Crossing	OP/FO		
Clarington Lateral	18.21	50	275	0.32	False Row - I-70 HDD Crossing	OP		
Clarington Lateral	18.25	25	115	0.07	Crossover	FO/OP		
Clarington Lateral	18.28	25	100	0.06	Stream Crossing	FO		
Clarington Lateral	18.44	50	300	0.34	Interstate 70 HDD	AG/FO		
Clarington Lateral	18.45	25	130	0.07	Interstate 70 HDD	FO/OP		
Clarington Lateral	18.92	75	300	0.52	Interstate 70 HDD	AG		
Clarington Lateral	19.24	25	280	0.16	Stream / Wetland Crossing	FO/OP		
Clarington Lateral	19.45	25	570	0.33	Stream / Wetland Crossing	OP/FO		
Clarington Lateral	19.65	25	150	0.09	Stream Crossing	FO		
Clarington Lateral	19.71	25	255	0.15	Stream Crossing	FO		
Clarington Lateral	19.78	25	155	0.09	Stream Crossing	FO		
Clarington Lateral	19.87	15	155	0.05	Stream Crossing	FO		
Clarington Lateral	19.88	10	155	0.04	Stream Crossing	FO		
Clarington Lateral	20.11	10	485	0.11	Stream Crossing	FO		
Clarington Lateral	20.11	15	425	0.15	Stream Crossing	FO		
Clarington Lateral	20.33	25	915	0.52	East Ohio Gas Pipeline Crossing / Side Slope	FO		
Clarington Lateral	20.43	25	90	0.05	Wetland Crossing	FO		
Clarington Lateral	20.51	25	85	0.05	Wetland Crossing	FO		
Clarington Lateral	20.75	25	500	0.29	Side Slope	FO		
Clarington Lateral	20.96	25	115	0.07	CR 334 Crossing / Side Slope	FO		
Clarington Lateral	21.27	25	1080	0.62	OK Rd Crossing	FO/OP		
Clarington Lateral	21.77	25	155	0.09	Reduced Row Around Structure	AG		
Clarington Lateral	22.44	25	355	0.2	East Ohio Gas Pipeline Crossing	FO/AG		
Clarington Lateral	22.46	25	145	0.08	East Ohio Gas Pipeline Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	22.5	25	230	0.13	East Ohio Gas Pipeline Crossing	AG/FO		
Clarington Lateral	22.66	25	675	0.39	CR 393 (Gas Station Shippey Rd) / East Ohio Gas Pipeline Crossing / Side Slope	AG		
Clarington Lateral	23.63	10	115	0.03	St Hwy 331 (St Clairsville St.) Crossing	AG		
Clarington Lateral	25.11	15	270	0.09	Brammer Engineering Pipeline Crossing	FO/OP		
Clarington Lateral	25.11	10	185	0.04	Brammer Engineering Pipeline Crossing	FO/OP		
Clarington Lateral	25.54	15	40	0.01	State Highway 149 Crossing	OP		
Clarington Lateral	25.54	10	40	0.01	State Highway 149 Crossing	OP		
Clarington Lateral	25.55	15	165	0.06	State Highway 149 Crossing	FO		
Clarington Lateral	25.55	10	165	0.04	State Highway 149 Crossing	FO		
Clarington Lateral	27.58	25	185	0.11	CR 29 (Cadiz Flushing Road) Crossing	FO		
Clarington Lateral	27.67	26	115	0.07	Natural Drainage	FO		
Clarington Lateral	28.36	15	100	0.03	State Highway 519 Crossing	FO/OP		
Clarington Lateral	28.38	10	100	0.02	State Highway 519 Crossing	FO/OP		
Clarington Lateral	28.4	15	100	0.03	State Highway 519 Crossing	FO/OP		
Clarington Lateral	28.41	10	100	0.02	State Highway 519 Crossing	FO/OP		
Clarington Lateral	28.49	15	100	0.03	Stream Crossing	OP		
Clarington Lateral	28.49	10	100	0.02	Stream Crossing	OP		
Clarington Lateral	28.55	15	100	0.03	Stream Crossing	FO		
Clarington Lateral	28.55	10	100	0.02	Stream Crossing	FO		
Clarington Lateral	28.91	25	610	0.35	Stream Crossing / Side Slope	FO		
Clarington Lateral	29.31	25	140	0.08	CR 267 (TWP Slater Road) Crossing / Crossover	AG/OP		
Clarington Lateral	29.8	25	475	0.27	CR 264 / Wetland Crossing	OP/AG/FO		
Clarington Lateral	30.15	25	2300	1.32	Private Road / Wetlands Crossing / Side Slope	FO/OP		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Clarington Lateral	30.51	25	880	0.51	Wetlands Crossing / Side Slope	FO		
Clarington Lateral	30.66	25	200	0.11	Side Slope	FO		
Clarington Lateral	31.61	25	350	0.2	Side Slope	FO/OP		
Clarington Lateral	31.72	25	755	0.43	Side Slope	FO/OP		
Clarington Lateral	32.66	25	730	0.42	Side Slope	FO		
Majorsville Lateral	0.01	25	90	0.05	Access Road Crossing	FO		
Majorsville Lateral	0.02	15	145	0.05	Access Road Crossing	FO		
Majorsville Lateral	0.37	25	660	0.37	Stream / Foreign Pipeline Crossing	FO		
Majorsville Lateral	0.47	25	360	0.21	Side Slope / Stream Crossing	FO		
Majorsville Lateral	0.57	25	365	0.21	Side Slope / Stream Crossing	FO		
Majorsville Lateral	0.64	10	320	0.07	Columbia Gas Transmission Pipeline Crossing / Side Slope	FO		
Majorsville Lateral	0.64	15	275	0.09	Columbia Gas Transmission Pipeline Crossing / Side Slope	FO		
Majorsville Lateral	0.83	10	290	0.07	Stream Crossing	FO		
Majorsville Lateral	0.83	15	300	0.1	Stream Crossing	FO		
Majorsville Lateral	0.92	15	300	0.1	Stream Crossing	FO		
Majorsville Lateral	0.92	10	300	0.07	Stream Crossing	FO		
Majorsville Lateral	1.1	25	765	0.44	Side Slope	FO/OP		
Majorsville Lateral	1.22	15	810	0.28	Stream Crossing	FO		
Majorsville Lateral	1.23	10	735	0.17	Stream Crossing	FO		
Majorsville Lateral	1.35	15	330	0.11	Stream Crossing	FO		
Majorsville Lateral	1.35	10	330	0.08	Stream Crossing	FO		
Majorsville Lateral	1.39	15	170	0.06	Waterbody / Wetlands Crossing	FO		
Majorsville Lateral	1.4	10	150	0.03	Waterbody / Wetlands Crossing	FO		
Majorsville Lateral	1.47	25	665	0.38	Side Slope	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	1.66	10	155	0.04	Consol Energy Pipeline / Private Road Crossing	FO		
Majorsville Lateral	1.66	15	155	0.05	Consol Energy Pipeline / Private Road Crossing	FO		
Majorsville Lateral	1.69	25	185	0.11	Stream Crossing / Side Slope	FO		
Majorsville Lateral	1.76	25	85	0.05	Stream Crossing / Side Slope	FO		
Majorsville Lateral	1.92	25	2300	1.3	Stream Crossing / Side Slope	FO		
Majorsville Lateral	2.78	15	2340	0.81	Wheeling Creek Crossing / Side Slope	FO		
Majorsville Lateral	2.8	10	2280	0.52	Wheeling Creek Crossing / Side Slope	FO		
Majorsville Lateral	3.05	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	3.06	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	3.15	25	920	0.53	Side Slope	FO		
Majorsville Lateral	3.24	10	100	0.02	Stream Crossing	FO	S1ES-MA-179	29.06
Majorsville Lateral	3.25	15	110	0.04	Stream Crossing	FO	S1ES-MA-179	34.43
Majorsville Lateral	3.3	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	3.31	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	3.38	25	650	0.37	Side Slope	FO		
Majorsville Lateral	3.45	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	3.46	10	100	0.02	Stream Crossing	FO/AG		
Majorsville Lateral	3.53	15	400	0.14	CR 46 (Irish Ridge Road) Crossing	FO		
Majorsville Lateral	3.53	10	345	0.08	CR 46 (Irish Ridge Road) Crossing	FO		
Majorsville Lateral	3.91	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	3.94	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	3.98	25	125	0.07	CR 7/3 (Lower Stull Road) / Stull Run Crossing	FO/OP	S4H-MA-338	47.76
Majorsville Lateral							S4H-MA-336	9.58
Majorsville Lateral	4.1	15	935	0.32	Side Slope / Stull Run Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	4.17	10	1540	0.35	Side Slope / Stull Run Crossing	FO/OP		
Majorsville Lateral	4.34	25	210	0.12	Private Road Crossing / Side Slope	FO		
Majorsville Lateral	4.37	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	4.38	10	225	0.05	Stream Crossing / Side Slope	FO		
Majorsville Lateral	4.43	15	90	0.03	Stream Crossing	FO		
Majorsville Lateral	4.44	10	65	0.01	Stream Crossing	FO/OP		
Majorsville Lateral	4.59	25	745	0.43	Side Slope	FO		
Majorsville Lateral	4.7	15	355	0.12	Unknown Foreign Pipeline / Stream Crossing	FO/OP		
Majorsville Lateral	4.7	10	360	0.08	Unknown Foreign Pipeline / Stream Crossing	FO/OP		
Majorsville Lateral	4.81	15	110	0.04	Stream Crossing	FO		
Majorsville Lateral	4.81	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	4.85	25	285	0.16	Side Slope	FO		
Majorsville Lateral	5.2	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	5.2	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	5.27	15	200	0.07	Stream Crossing	FO		
Majorsville Lateral	5.27	10	185	0.04	Stream Crossing	FO		
Majorsville Lateral	5.33	25	450	0.26	Side Slope	FO/AG		
Majorsville Lateral	5.62	15	150	0.05	Stream / Wetland Crossing	FO		
Majorsville Lateral	5.63	10	100	0.02	Stream / Wetland Crossing	FO		
Majorsville Lateral	5.69	10	100	0.02	Stream / Wetland Crossing	FO		
Majorsville Lateral	5.93	25	505	0.29	Side Slope	FO/AG		
Majorsville Lateral	6.15	25	940	0.54	Side Slope	FO/AG		
Majorsville Lateral	6.24	15	35	0.01	Stream Crossing	FO		
Majorsville Lateral	6.25	10	150	0.03	Stream Crossing	FO		
Majorsville Lateral	6.29	10	100	0.02	Stream / Wetland Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	6.47	25	495	0.28	Side Slope	FO		
Majorsville Lateral	6.64	15	335	0.12	Stream Crossing / Side Slope	FO		
Majorsville Lateral	6.64	10	335	0.08	Stream Crossing / Side Slope	FO		
Majorsville Lateral	6.72	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	6.72	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	6.77	25	410	0.24	Side Slope	FO		
Majorsville Lateral	7.18	25	765	0.44	SR 88 Crossing / Side Slope	FO/OP		
Majorsville Lateral	7.37	25	310	0.18	Side Slope / Stream Crossing	FO		
Majorsville Lateral	7.45	15	155	0.05	Stream Crossing	FO		
Majorsville Lateral	7.46	10	80	0.02	Stream Crossing	FO		
Majorsville Lateral	7.7	25	2560	1.47	Side Slope	FO/OP		
Majorsville Lateral	7.96	10	75	0.02	Stream Crossing	FO		
Majorsville Lateral	7.99	15	185	0.06	Stream Crossing	FO		
Majorsville Lateral	8	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	8.07	25	605	0.35	Side Slope	FO		
Majorsville Lateral	8.13	15	90	0.03	Stream Crossing	FO		
Majorsville Lateral	8.14	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	8.18	15	125	0.04	Stream Crossing	FO		
Majorsville Lateral	8.18	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	8.31	25	1320	0.76	Side Slope	FO		
Majorsville Lateral	8.51	25	405	0.23	Stream / Little Grave Creek Crossing	FO		
Majorsville Lateral	8.55	15	100	0.03	Stream / Little Grave Creek Crossing	FO		
Majorsville Lateral	8.55	10	100	0.02	Stream / Little Grave Creek Crossing	FO		
Majorsville Lateral	8.76	25	100	0.06	Side Slope	FO/OP		
Majorsville Lateral	8.78	10	100	0.02	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	8.79	15	120	0.04	Stream Crossing	FO		
Majorsville Lateral	8.96	25	185	0.11	Side Slope	FO		
Majorsville Lateral	8.99	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	9.05	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	9.05	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	9.11	25	265	0.15	Side Slope	FO		
Majorsville Lateral	9.15	10	115	0.03	Stream Crossing	FO		
Majorsville Lateral	9.15	15	220	0.08	Stream Crossing	FO		
Majorsville Lateral	9.26	10	685	0.16	Stream Crossing / Side Slope	FO	S7H-MA-379	43.53
Majorsville Lateral	9.26	15	725	0.25	Stream Crossing / Side Slope	FO		
Majorsville Lateral	9.48	25	1600	0.92	Side Slope / Stream / CR 10 (Little Grave Creek Rd) Crossing	FO		
Majorsville Lateral	9.77	10	775	0.18	Side Slope / Stream / CR 10 (Little Grave Creek Rd) Crossing	FO		
Majorsville Lateral	9.77	15	725	0.25	Side Slope / Stream / CR 10 (Little Grave Creek Rd) Crossing	FO		
Majorsville Lateral	10	25	945	0.54	Side Slope	FO/OP		
Majorsville Lateral	10.18	25	320	0.18	Side Slope	FO/OP		
Majorsville Lateral	10.23	10	70	0.02	Stream Crossing	FO		
Majorsville Lateral	10.28	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	10.28	10	95	0.02	Stream Crossing	FO		
Majorsville Lateral	10.32	25	345	0.2	Side Slope	FO		
Majorsville Lateral	10.36	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	10.36	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	10.42	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	10.42	15	95	0.03	Stream Crossing	FO		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	10.5	25	120	0.07	Stream Crossing	FO/OP		
Majorsville Lateral	10.56	10	135	0.03	Stream Crossing	FO/AG		
Majorsville Lateral	10.75	25	125	0.07	Side Slope	FO/AG		
Majorsville Lateral	10.83	15	125	0.04	SR 86 (Grandview Rd) Crossing	FO		
Majorsville Lateral	10.84	10	185	0.04	SR 86 (Grandview Rd) Crossing	FO		
Majorsville Lateral	10.87	15	230	0.08	SR 86 (Grandview Rd) Crossing	FO		
Majorsville Lateral	10.88	10	135	0.03	SR 86 (Grandview Rd) Crossing	FO		
Majorsville Lateral	10.9	25	50	0.03	Side Slope	AG		
Majorsville Lateral	11.1	25	630	0.36	Side Slope	FO		
Majorsville Lateral	11.18	10	180	0.04	Columbia Gas Transmission Pipeline Crossing	FO		
Majorsville Lateral	11.18	15	235	0.08	Columbia Gas Transmission Pipeline Crossing	FO		
Majorsville Lateral	11.21	25	65	0.04	Stream Crossing	OP/FO		
Majorsville Lateral	11.26	10	100	0.02	Stream Crossing / Side Slope	FO		
Majorsville Lateral	11.26	15	130	0.04	Stream Crossing / Side Slope	FO/OP		
Majorsville Lateral	11.3	25	295	0.17	Stream Crossing / Side Slope	FO		
Majorsville Lateral	11.36	25	60	0.03	Stream Crossing	FO		
Majorsville Lateral	11.38	10	190	0.04	CR 8/1 (23rd St) Crossing	FO		
Majorsville Lateral	11.38	15	175	0.06	CR 8/1 (23rd St) Crossing	FO		
Majorsville Lateral	11.42	10	150	0.03	CR 8/1 (23rd St) Crossing	FO		
Majorsville Lateral	11.42	15	115	0.04	CR 8/1 (23rd St) Crossing	FO/OP		
Majorsville Lateral	11.5	10	145	0.03	Stream Crossing	FO		
Majorsville Lateral	11.5	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	11.53	25	160	0.09	Stream Crossing	11.53		
Majorsville Lateral	11.7	25	890	0.51	Side Slope	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	11.77	25	115	0.07	Side Slope	FO		
Majorsville Lateral	11.79	10	145	0.03	SR 2 / CSX Railroad Crossing	FO		
Majorsville Lateral	11.8	15	170	0.06	SR 2 / CSX Railroad Crossing	FO		
Majorsville Lateral	11.85	25	160	0.09	SR 2 / CSX Railroad Crossing	FO		
Majorsville Lateral	11.89	50	400	0.46	Ohio River HDD	OP		
Majorsville Lateral	11.89	50	660	0.76	Ohio River HDD	OP		
Majorsville Lateral	12.44	70	260	0.42	Ohio River HDD	FO		
Majorsville Lateral	12.45	55	300	0.38	Ohio River HDD	FO		
Majorsville Lateral	12.47	25	85	0.05	Side Slope	FO		
Majorsville Lateral	12.47	50	1260	1.44	False Row - Ohio River HDD	FO/OP		
Majorsville Lateral	12.58	25	885	0.51	Side Slope	FO/OP		
Majorsville Lateral	12.67	10	90	0.02	Stream Crossing	FO		
Majorsville Lateral	12.67	15	120	0.04	Stream Crossing	FO		
Majorsville Lateral	12.71	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	12.76	25	370	0.21	W 36th St / Stream Crossing	OP/FO		
Majorsville Lateral	12.81	15	70	0.02	W 36th St Crossing	FO		
Majorsville Lateral	12.81	10	105	0.02	W 36th St Crossing	FO		
Majorsville Lateral	12.82	15	145	0.08	W 36th St Crossing	OP/FO		
Majorsville Lateral	12.82	10	110	0.02	W 36th St Crossing	FO		
Majorsville Lateral	12.91	25	830	0.48	Side Slope	FO		
Majorsville Lateral	13.02	10	290	0.07	CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	13.03	15	200	0.08	CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	13.04	15	50	0.02	CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	13.05	10	25	0.01	CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	13.1	25	485	0.28	Side Slope / CR 46 (New Cut Rd) Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	13.17	15	270	0.09	Stream Crossing	FO		
Majorsville Lateral	13.19	10	435	0.1	Stream Crossing	FO		
Majorsville Lateral	13.27	15	375	0.13	Stream Crossing	FO		
Majorsville Lateral	13.28	10	205	0.05	Stream Crossing	FO		
Majorsville Lateral	13.33	10	95	0.02	Stream Crossing	FO		
Majorsville Lateral	13.58	25	2215	1.27	Side Slope	FO		
Majorsville Lateral	14.1	10	195	0.04	Private Road Crossing	FO		
Majorsville Lateral	14.1	15	200	0.07	Private Road Crossing	FO		
Majorsville Lateral	14.21	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	14.21	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	14.26	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	14.27	25	80	0.05	Stream Crossing	FO/OP		
Majorsville Lateral	14.31	25	95	0.05	Stream Crossing	FO		
Majorsville Lateral	14.38	25	460	0.26	Side Slope / Stream Crossing	FO		
Majorsville Lateral	14.45	10	210	0.05	Private Road Crossing	FO		
Majorsville Lateral	14.45	15	165	0.06	Private Road Crossing	FO		
Majorsville Lateral	14.52	25	475	0.27	Side Slope	FO		
Majorsville Lateral	14.57	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	14.57	10	120	0.03	Stream Crossing	FO		
Majorsville Lateral	14.61	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	14.61	10	95	0.02	Stream Crossing	FO		
Majorsville Lateral	14.66	25	515	0.3	Side Slope	FO		
Majorsville Lateral	14.75	15	405	0.14	Private Road / Utility / Stream Crossing	FO/OP		
Majorsville Lateral	14.75	10	440	0.1	Private Road / Utility / Stream Crossing	FO/OP		
Majorsville Lateral	14.83	15	120	0.04	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	14.83	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	14.89	25	510	0.29	Side Slope	FO/OP		
Majorsville Lateral	14.94	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	14.94	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	15	25	215	0.12	Stream Crossing	FO		
Majorsville Lateral	15.04	25	55	0.03	Stream Crossing	FO		
Majorsville Lateral	15.05	10	485	0.11	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	15.05	15	460	0.16	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	15.15	10	175	0.03	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	15.15	15	270	0.08	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	15.2	10	880	0.2	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
Majorsville Lateral	15.2	15	855	0.29	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP	S4H-BE-297	13.2
Majorsville Lateral	15.4	15	85	0.03	Stream Crossing	FO		
Majorsville Lateral	15.44	25	270	0.15	Side Slope	FO	S4H-BE-295	27.28
Majorsville Lateral	15.47	15	100	0.03	Stream Crossing	FO	S4H-BE-295	28.37
Majorsville Lateral	15.47	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	15.51	25	295	0.17	Side Slope	FO		
Majorsville Lateral	15.71	25	1375	0.79	Side Slope	FO		
Majorsville Lateral	15.83	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	15.83	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	15.88	15	135	0.05	Stream Crossing	FO		
Majorsville Lateral	15.88	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	16.05	25	1640	0.94	Side Slope	FO		
Majorsville Lateral	16.2	15	130	0.04	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	16.2	10	115	0.02	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
Majorsville Lateral	16.24	10	295	0.07	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
Majorsville Lateral	16.25	15	320	0.11	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
Majorsville Lateral	16.37	10	420	0.1	Stream Crossing	FO		
Majorsville Lateral	16.37	15	420	0.14	Stream Crossing	FO		
Majorsville Lateral	16.51	25	215	0.12	Side Slope	FO		
Majorsville Lateral	16.54	10	100	0.02	Side Slope	FO		
Majorsville Lateral	16.54	15	100	0.03	Side Slope	FO		
Majorsville Lateral	16.64	10	195	0.04	Stream Crossing	FO		
Majorsville Lateral	16.7	25	500	0.29	Side Slope	FO		
Majorsville Lateral	16.98	15	495	0.17	Stream Crossing / Side Slope	FO		
Majorsville Lateral	16.99	10	530	0.12	Stream Crossing / Side Slope	FO		
Majorsville Lateral	17.1	10	380	0.09	Stream Crossing / Side Slope	FO		
Majorsville Lateral	17.1	15	360	0.12	Stream Crossing / Side Slope	FO		
Majorsville Lateral	17.18	25	305	0.18	Stream Crossing / Side Slope	FO		
Majorsville Lateral	17.22	10	115	0.03	Wetland / Stream Crossing	FO		
Majorsville Lateral	17.27	10	100	0.02	Wetland / Stream Crossing	OP	W5ES-BE-145	47.8
Majorsville Lateral	17.34	25	155	0.09	Side Slope	FO/OP		
Majorsville Lateral	17.59	10	110	0.03	Stream Crossing	AG/FO	S5ES-BE-146	40.52
Majorsville Lateral	17.66	15	440	0.15	Private Road / Stream Crossing / Side Slope	OP/FO		
Majorsville Lateral	17.67	10	420	0.1	Private Road / Stream Crossing / Side Slope	OP/FO		
Majorsville Lateral	17.8	15	195	0.07	Stream Crossing	FO		
Majorsville Lateral	17.8	10	200	0.05	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	17.87	10	220	0.05	Stream Crossing	FO		
Majorsville Lateral	17.91	25	235	0.13	XTO Energy Pipeline / Private Road Crossing	FO/OP		
Majorsville Lateral	18.13	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	18.16	10	120	0.03	Stream Crossing	OP		
Majorsville Lateral	18.28	15	305	0.11	Side Slope	FO/OP		
Majorsville Lateral	18.28	10	305	0.07	Side Slope	FO/OP		
Majorsville Lateral	18.63	25	175	0.1	Stream Crossing	FO		
Majorsville Lateral	18.71	25	280	0.16	Stream Crossing	FO		
Majorsville Lateral	18.81	25	390	0.22	Stream / Wetland / Private Road Crossing	FO	W4H-BE-312	38.68
Majorsville Lateral	18.91	25	180	0.1	Stream / Wetland Crossing	FO		
Majorsville Lateral	19.11	25	160	0.09	Stream Crossing	FO		
Majorsville Lateral	19.16	25	140	0.08	Stream Crossing	FO		
Majorsville Lateral	19.46	25	105	0.06	Hwy 147 (Key Bellaire Rd) Crossing	OP/FO		
Majorsville Lateral	19.53	15	100	0.03	Wetlands / Stream Crossing	FO		
Majorsville Lateral	19.53	10	100	0.02	Wetlands / Stream Crossing	FO		
Majorsville Lateral	19.59	15	320	0.11	Stream / TWP 290 (Scales Rd) Crossing	FO		
Majorsville Lateral	19.62	10	150	0.04	Stream / TWP 290 (Scales Rd) Crossing	FO/OP		
Majorsville Lateral	19.65	10	45	0.01	Stream / TWP 290 (Scales Rd) Crossing	OP		
Majorsville Lateral	19.65	15	40	0.01	Stream / TWP 290 (Scales Rd) Crossing	FO		
Majorsville Lateral	19.73	25	325	0.19	Side Slope	FO		
Majorsville Lateral	19.77	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	19.77	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	19.82	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	19.82	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	20.04	25	2100	1.21	Side Slope	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	20.26	10	260	0.06	Cumberland Run Crossing	FO		
Majorsville Lateral	20.26	15	310	0.11	Cumberland Run Crossing	FO		
Majorsville Lateral	20.31	10	55	0.01	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing	FO		
Majorsville Lateral	20.32	15	20	0.01	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing	FO		
Majorsville Lateral	20.35	10	420	0.1	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing / Side Slope	FO/OP		
Majorsville Lateral	20.36	15	415	0.14	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing / Side Slope	FO/OP		
Majorsville Lateral	20.52	25	1010	0.58	Side Slope	FO		
Majorsville Lateral	20.75	25	195	0.11	Stream Crossing	FO/OP		
Majorsville Lateral	20.81	25	155	0.09	Stream Crossing	FO		
Majorsville Lateral	20.92	10	195	0.04	TWP 242 (Mellott Rd) Crossing / Side Slope	FO		
Majorsville Lateral	20.92	15	280	0.1	TWP 242 (Mellott Rd) Crossing / Side Slope	FO		
Majorsville Lateral	20.98	10	100	0.02	TWP 242 (Mellott Rd) / Stream Crossing	FO		
Majorsville Lateral	21.13	10	195	0.04	Columbia Gas Transmission Pipeline Crossing	FO/OP		
Majorsville Lateral	21.13	15	230	0.08	Columbia Gas Transmission Pipeline Crossing	FO/OP		
Majorsville Lateral	21.22	10	100	0.02	Stream Crossing / Side Slope	FO		
Majorsville Lateral	21.22	15	100	0.03	Stream Crossing / Side Slope	FO		
Majorsville Lateral	21.28	10	315	0.07	Stream Crossing / Side Slope	FO/OP		
Majorsville Lateral	21.31	15	535	0.18	Stream / TWP 241 (Clegg Rd) Crossing / Side Slope	FO/OP		
Majorsville Lateral	21.53	25	430	0.25	Side Slope	FO		
Majorsville Lateral	21.58	15	70	0.02	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	21.59	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	21.74	25	265	0.15	Side Slope	FO		
Majorsville Lateral	21.97	15	200	0.07	Stream Crossing	FO		
Majorsville Lateral	21.97	10	200	0.05	Stream Crossing	FO		
Majorsville Lateral	22.04	10	200	0.05	Stream Crossing	FO		
Majorsville Lateral	22.06	15	375	0.13	Stream Crossing	FO		
Majorsville Lateral	22.26	25	1760	1.01	Side Slope	FO		
Majorsville Lateral	22.56	15	135	0.05	CR 5 (Glencoe Rd) Crossing	FO/OP		
Majorsville Lateral	22.56	10	105	0.02	CR 5 (Glencoe Rd) Crossing	FO/OP		
Majorsville Lateral	22.58	10	180	0.04	CR 5 (Glencoe Rd) / Williams Creek Crossing	FO/OP		
Majorsville Lateral	22.59	15	210	0.07	CR 5 (Glencoe Rd) / Williams Creek Crossing	FO/OP		
Majorsville Lateral	22.66	10	155	0.04	Williams Creek Crossing	FO		
Majorsville Lateral	22.66	15	100	0.03	Williams Creek Crossing	FO		
Majorsville Lateral	22.7	25	300	0.17	Side Slope	FO		
Majorsville Lateral	22.88	25	760	0.44	Side Slope	FO		
Majorsville Lateral	22.98	15	75	0.03	Wetland / Stream Crossing	FO		
Majorsville Lateral	22.98	10	80	0.02	Wetland / Stream Crossing	FO		
Majorsville Lateral	23.02	10	65	0.01	Wetland / Stream Crossing	FO		
Majorsville Lateral	23.03	15	100	0.03	Wetland / Stream Crossing	FO		
Majorsville Lateral	23.21	25	45	0.01	TWP 250 (Coen Road) Crossing	FO		
Majorsville Lateral	23.22	25	160	0.1	Side Slope / TWP 250 (Coen Road) Crossing	FO/OP		
Majorsville Lateral	23.25	15	100	0.03	Stream Crossing	FO		
Majorsville Lateral	23.26	10	100	0.02	Stream Crossing	FO		
Majorsville Lateral	23.3	15	40	0.01	Stream Crossing	FO		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Majorsville Lateral	23.3	10	100	0.02	Stream Crossing	OP/FO		
Majorsville Lateral	23.39	25	245	0.14	Side Slope	FO		
Cadiz Lateral	1.23	25	140	0.08	Stream Crossing	FO/OP		
Cadiz Lateral	1.58	10	310	0.07	Side Slope	FO/OP		
Cadiz Lateral	1.6	15	100	0.03	Side Slope	OP		
Cadiz Lateral	2.78	25	220	0.13	CR 269 (Kanoski Rd) Crossing	FO		
Burgettstown Lateral	0.11	15	420	0.14	Side Slope	FO		
Burgettstown Lateral	0.11	10	410	0.09	Side Slope	FO		
Burgettstown Lateral	0.25	15	105	0.04	T 700 (Creek Rd) Crossing	OP/FO		
Burgettstown Lateral	0.29	15	110	0.04	T 700 (Creek Rd) / Wetland Crossing	FO		
Burgettstown Lateral	0.34	15	100	0.03	Creek Crossing	FO		
Burgettstown Lateral	1.01	15	195	0.07	Ag Row Reduction	AG		
Burgettstown Lateral	1.06	10	100	0.02	T 329 (Spruce Ln) Crossing	FO/OP		
Burgettstown Lateral	1.06	15	100	0.03	T 329 (Spruce Ln) Crossing	FO/OP		
Burgettstown Lateral	1.18	10	155	0.04	SR 4007 (Bavington Rd) Crossing	FO		
Burgettstown Lateral	1.19	15	255	0.09	SR 4007 (Bavington Rd) Crossing	FO/OP		
Burgettstown Lateral	1.26	15	535	0.18	St Hwy 22 (Willaim Penn Hwy) Crossing / Side Slope	FO/OP		
Burgettstown Lateral	1.29	10	650	0.15	St Hwy 22 (Willaim Penn Hwy) Crossing / Side Slope	FO/OP		
Burgettstown Lateral	1.4	15	185	0.06	St Hwy 22 (Willaim Penn Hwy) Crossing	FO		
Burgettstown Lateral	1.4	10	75	0.02	St Hwy 22 (Willaim Penn Hwy) Crossing	FO		
Burgettstown Lateral	1.78	15	95	0.03	Natural Drainage	FO		
Burgettstown Lateral	1.82	15	105	0.04	Natural Drainage	FO		
Burgettstown Lateral	2.7	15	205	0.07	Side Slope	FO/OP		
Burgettstown Lateral	2.77	15	95	0.03	Natural Drainage	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	2.81	15	105	0.04	Natural Drainage	FO		
Burgettstown Lateral	3.29	15	100	0.03	Natural Drainage	FO		
Burgettstown Lateral	3.33	15	95	0.03	Natural Drainage	FO		
Burgettstown Lateral	3.47	15	95	0.03	Shovel Rd Crossing	FO		
Burgettstown Lateral	3.5	15	105	0.04	Shovel Rd Crossing	FO		
Burgettstown Lateral	3.6	15	105	0.04	Private Road Crossing	OP	W2H-WA-178	0
Burgettstown Lateral	3.63	15	95	0.03	Private Road Crossing	OP	W2H-WA-178	0
Burgettstown Lateral	3.65	25	310	0.18	Private Road Crossing	FO	W2H-WA-178	0
Burgettstown Lateral	4.11	15	100	0.03	Steubenville Pike Rd Crossing	FO		
Burgettstown Lateral	4.11	10	100	0.02	Steubenville Pike Rd Crossing	FO/OP		
Burgettstown Lateral	4.14	10	100	0.02	Steubenville Pike Rd Crossing	FO		
Burgettstown Lateral	4.79	25	150	0.09	Stream / Wetland Crossing	FO		
Burgettstown Lateral	4.84	25	150	0.09	Stream / Wetland Crossing	FO		
Burgettstown Lateral	5.19	15	105	0.04	5 Points Rd Crossing	FO/OP		
Burgettstown Lateral	5.22	10	95	0.02	5 Points Rd Crossing	FO/OP		
Burgettstown Lateral	5.22	15	95	0.03	5 Points Rd Crossing	FO		
Burgettstown Lateral	5.25	10	105	0.02	5 Points Rd Crossing	FO		
Burgettstown Lateral	5.54	10	100	0.02	SR 18 / Stream Crossing	FO		
Burgettstown Lateral	5.54	15	100	0.03	SR 18 / Stream Crossing	FO		
Burgettstown Lateral	5.57	10	100	0.02	SR 18 / Stream Crossing	FO		
Burgettstown Lateral	5.57	15	100	0.03	SR 18 / Stream Crossing	FO		
Burgettstown Lateral	6.77	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	7.48	25	150	0.09	Stream Crossing	FO		
Burgettstown Lateral	7.53	25	150	0.09	Stream Crossing	FO		
Burgettstown Lateral	7.63	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	7.78	25	200	0.11	Purdy Rd Crossing	FO		
Burgettstown Lateral	7.82	10	105	0.02	Purdy Rd Crossing	FO		
Burgettstown Lateral	7.86	25	235	0.13	Purdy Rd Crossing	OP		
Burgettstown Lateral	8.1	25	100	0.06	Side Slope	FO		
Burgettstown Lateral	8.15	25	285	0.16	Side Slope	FO		
Burgettstown Lateral	8.2	25	135	0.08	Side Slope	FO		
Burgettstown Lateral	8.81	10	150	0.03	TWP Rd 362 (Rock School Road) Crossing	FO/OP		
Burgettstown Lateral	8.83	15	105	0.04	TWP Rd 362 (Rock School Road) Crossing	FO/OP		
Burgettstown Lateral	8.85	10	115	0.03	Wetland Crossing	FO		
Burgettstown Lateral	8.85	15	90	0.03	Wetland Crossing	FO		
Burgettstown Lateral	8.89	10	55	0.01	Wetland Crossing	OP		
Burgettstown Lateral	8.98	15	105	0.04	Aunt Clara Rd Crossing	FO		
Burgettstown Lateral	8.99	10	100	0.02	Aunt Clara Rd Crossing	FO		
Burgettstown Lateral	9.3	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	9.33	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	9.38	15	50	0.02	Wetland Crossing	FO		
Burgettstown Lateral	9.77	10	95	0.02	Aunt Clara Rd Crossing	FO		
Burgettstown Lateral	9.78	15	100	0.03	Aunt Clara Rd Crossing	OP/FO		
Burgettstown Lateral	10.51	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	10.55	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	11.11	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	11.11	10	100	0.02	Stream Crossing	FO		
Burgettstown Lateral	11.18	25	150	0.09	Waterbody Crossing	FO		
Burgettstown Lateral	11.21	10	85	0.02	Wetland Crossing	OP/FO		
Burgettstown Lateral	11.33	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	11.83	25	150	0.09	Stream Crossing	FO		
Burgettstown Lateral	11.9	25	145	0.08	Stream Crossing	FO		
Burgettstown Lateral	12.56	15	95	0.03	Winding Ridge Rd Crossing	FO		
Burgettstown Lateral	12.58	10	95	0.02	Winding Ridge Rd Crossing	FO		
Burgettstown Lateral	12.6	10	100	0.02	Powerline Crossing	FO		
Burgettstown Lateral	12.6	15	100	0.03	Powerline Crossing	FO		
Burgettstown Lateral	12.63	10	100	0.02	Powerline Crossing	FO		
Burgettstown Lateral	12.64	15	100	0.03	Powerline Crossing	FO		
Burgettstown Lateral	13.25	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.31	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.38	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.44	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	13.6	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.66	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.8	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.95	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	13.99	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	14.36	15	85	0.03	Shady Glen Rd Crossing	FO		
Burgettstown Lateral	14.36	10	95	0.02	Shady Glen Rd Crossing	FO		
Burgettstown Lateral	14.42	25	290	0.17	Shady Glen Rd Crossing	FO	S2ES-HA-212	48.15
Burgettstown Lateral	14.94	100	2840	6.45	False Row - Ohio River HDD	FO		
Burgettstown Lateral	14.99	30	300	0.21	Ohio River HDD	FO/OP	WB4ES-HA-686	0
Burgettstown Lateral	14.99	75	300	0.52	Ohio River HDD	FO/OP	W4ES-HA-687	0
Burgettstown Lateral	16.36	50	300	0.34	Ohio River HDD	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	16.36	50	300	0.34	Ohio River HDD	FO		
Burgettstown Lateral	16.45	15	140	0.05	SR 7 (Ohio River Scenic Byway) Crossing	FO		
Burgettstown Lateral	16.45	10	130	0.03	SR 7 (Ohio River Scenic Byway) Crossing	FO		
Burgettstown Lateral	16.49	10	145	0.03	SR 7 (Ohio River Scenic Byway) Crossing	FO		
Burgettstown Lateral	16.52	15	150	0.05	SR 7 (Ohio River Scenic Byway) Crossing	FO		
Burgettstown Lateral	16.63	15	85	0.03	Stream / JFK Hwy Crossing	FO		
Burgettstown Lateral	16.64	10	85	0.02	Stream / JFK Hwy Crossing	FO		
Burgettstown Lateral	16.7	10	100	0.02	JFK Hwy Crossing	FO		
Burgettstown Lateral	16.79	10	100	0.02	Hale Rd / Stream Crossing	FO		
Burgettstown Lateral	16.79	15	100	0.03	Hale Rd / Stream Crossing	FO		
Burgettstown Lateral	16.83	10	95	0.02	Hale Rd / Stream Crossing	FO/OP		
Burgettstown Lateral	16.85	15	100	0.03	Hale Rd / Stream Crossing	FO		
Burgettstown Lateral	17.03	25	200	0.11	Side Slope	FO		
Burgettstown Lateral	17.42	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	17.48	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	17.52	15	100	0.03	CR 246 Crossing	FO		
Burgettstown Lateral	17.52	10	100	0.02	CR 246 Crossing	FO		
Burgettstown Lateral	17.55	15	100	0.03	CR 246 / Stream Crossing	FO		
Burgettstown Lateral	17.55	10	100	0.02	CR 246 / Stream Crossing	FO		
Burgettstown Lateral	17.64	25	365	0.21	Side Slope	FO		
Burgettstown Lateral	17.77	10	100	0.02	Stream Crossing	FO	S4ES-JE-183	13.38
Burgettstown Lateral	17.78	15	100	0.03	Stream Crossing	FO	S4ES-JE-183	37.28
Burgettstown Lateral	17.81	10	100	0.02	Stream Crossing	FO		
Burgettstown Lateral	17.83	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	18.23	25	100	0.06	Stream Crossing	FO	S4ES_JE-178	33.43

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	18.29	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	18.93	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	18.98	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	19.05	15	100	0.03	CR 1350 Crossing	OP		
Burgettstown Lateral	19.06	10	95	0.02	CR 1350 Crossing	OP/FO		
Burgettstown Lateral	19.07	15	95	0.03	CR 1350 Crossing	AG/FO		
Burgettstown Lateral	19.08	10	105	0.02	CR 1350 Crossing	FO		
Burgettstown Lateral	19.36	15	95	0.03	Stream Crossing	FO		
Burgettstown Lateral	19.37	10	95	0.02	Stream Crossing	FO		
Burgettstown Lateral	19.4	15	95	0.03	Stream Crossing	FO	S2ES-JE-201	23.24
Burgettstown Lateral	19.41	10	95	0.02	Stream Crossing	FO		
Burgettstown Lateral	19.7	15	100	0.03	St Hwy 213 Crossing	FO/OP		
Burgettstown Lateral	19.71	10	100	0.02	St Hwy 213 Crossing	FO/OP		
Burgettstown Lateral	19.74	10	100	0.02	St Hwy 213 Crossing	OP		
Burgettstown Lateral	20.31	15	100	0.03	CR 243 Crossing	FO		
Burgettstown Lateral	20.32	10	100	0.02	CR 243 Crossing	FO		
Burgettstown Lateral	20.34	15	100	0.03	CR 243 Crossing	OP		
Burgettstown Lateral	20.35	10	100	0.02	CR 243 Crossing	OP		
Burgettstown Lateral	20.65	15	200	0.07	Stream Crossing	FO		
Burgettstown Lateral	20.65	10	65	0.01	Stream Crossing	FO	S2ES-JE-208	13.4
Burgettstown Lateral	20.7	10	140	0.03	Stream Crossing	FO		
Burgettstown Lateral	20.73	15	115	0.04	Stream Crossing	FO	S2ES-JE-206	11.31
Burgettstown Lateral	21.19	10	100	0.02	CR 350 Crossing	OP		
Burgettstown Lateral	21.42	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	21.49	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	21.83	15	100	0.03	Stream / Private Road Crossing	FO		
Burgettstown Lateral	21.83	10	125	0.03	Stream / Private Road Crossing	FO		
Burgettstown Lateral	21.9	10	100	0.02	Stream / Private Road Crossing	FO		
Burgettstown Lateral	21.9	15	100	0.03	Stream / Private Road Crossing	FO		
Burgettstown Lateral	21.95	25	100	0.06	Side Slope	FO		
Burgettstown Lateral	22.22	25	200	0.11	Private Road Crossing	FO		
Burgettstown Lateral	22.43	25	85	0.05	Wetland / Stream Crossing	FO		
Burgettstown Lateral	22.48	25	80	0.05	Wetland / Stream Crossing	FO		
Burgettstown Lateral	22.69	15	110	0.04	Waggoner Road / Stream Crossing	FO		
Burgettstown Lateral	22.69	10	60	0.01	Waggoner Road / Stream Crossing	FO	ST2B-JE-296	47.77
Burgettstown Lateral	22.96	15	100	0.03	CR 56 Crossing	FO		
Burgettstown Lateral	22.96	10	100	0.02	CR 56 Crossing	FO		
Burgettstown Lateral	22.99	10	100	0.02	CR 56 Crossing	FO/OP		
Burgettstown Lateral	23.01	15	85	0.03	CR 56 Crossing	FO/OP		
Burgettstown Lateral	23.22	25	100	0.06	Wetland / Stream Crossing	FO	S4ES-JE-170	13.68
Burgettstown Lateral	23.29	25	100	0.06	Wetland / Stream Crossing	FO		
Burgettstown Lateral	23.9	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	23.94	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	24.73	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	25.11	25	100	0.06	Wetland / Stream Crossing	FO		
Burgettstown Lateral	25.2	25	100	0.06	Wetland / Stream Crossing	OP/FO		
Burgettstown Lateral	25.57	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	25.61	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	25.66	25	100	0.06	Stream Crossing / Side Slope	OP		
Burgettstown Lateral	26.16	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	26.21	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	26.44	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	26.48	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	26.57	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	26.61	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	26.82	15	100	0.03	CR 218 / Stream Crossing	FO		
Burgettstown Lateral	26.89	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	27.08	25	100	0.06	Stream Crossing	FO	S2TB-JE-290	46.72
Burgettstown Lateral	27.2	10	105	0.02	CR 43 Crossing	OP		
Burgettstown Lateral	27.22	15	100	0.03	CR 43 / Stream Crossing	OP		
Burgettstown Lateral	27.25	15	70	0.02	CR 43 / Stream Crossing	FO	S2T-JE-108	21.36
Burgettstown Lateral	27.26	10	50	0.01	CR 43 / Stream Crossing	FO	S2T-JE-108	15.13
Burgettstown Lateral	27.33	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	27.33	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	27.39	15	140	0.05	Wetland Crossing	FO		
Burgettstown Lateral	27.4	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	28.17	10	100	0.02	Stream Crossing	FO		
Burgettstown Lateral	28.17	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	28.24	10	100	0.02	Stream Crossing	FO		
Burgettstown Lateral	28.25	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	28.9	15	80	0.03	Side Slope	FO		
Burgettstown Lateral	28.91	10	100	0.02	Side Slope	FO		
Burgettstown Lateral	28.94	15	95	0.03	Side Slope	FO	S2ST-JE-106	44.8
Burgettstown Lateral	28.96	10	100	0.02	Side Slope	FO	S2ST-JE-106	48.21
Burgettstown Lateral	29.12	10	100	0.02	Wetland / Stream Crossing	FO/OP		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	29.16	15	100	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	29.18	10	75	0.02	Wetland / Stream Crossing	OP/FO		
Burgettstown Lateral	29.21	15	100	0.03	Wetland / Stream Crossing	OP		
Burgettstown Lateral	29.79	15	100	0.03	CR 220 Crossing	OP		
Burgettstown Lateral	29.79	10	100	0.02	CR 220 Crossing	FO		
Burgettstown Lateral	30.17	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	30.21	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	30.55	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	30.59	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	30.83	15	85	0.03	Wetland Crossing	FO		
Burgettstown Lateral	30.84	10	95	0.02	Wetland Crossing	FO		
Burgettstown Lateral	30.9	15	100	0.03	Wetland Crossing	FO/OP		
Burgettstown Lateral	30.91	10	100	0.02	Wetland Crossing	OP		
Burgettstown Lateral	31.59	10	100	0.02	Wetland / Stream Crossing	FO		
Burgettstown Lateral	31.59	15	100	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	32.02	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	32.07	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	32.98	10	100	0.02	Wetland Crossing	FO/OP		
Burgettstown Lateral	33.03	10	85	0.02	Wetland Crossing	OP		
Burgettstown Lateral	33.04	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	33.97	15	100	0.03	Wetland / Railroad Crossing	FO		
Burgettstown Lateral	33.98	10	100	0.02	Wetland / Railroad Crossing	FO		
Burgettstown Lateral	34.24	10	100	0.02	Wetland / Stream Crossing	FO		
Burgettstown Lateral	34.25	15	80	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	34.31	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	35.06	15	100	0.03	St Hwy 78 Crossing	FO/OP		
Burgettstown Lateral	35.06	10	100	0.02	St Hwy 78 Crossing	FO		
Burgettstown Lateral	35.09	15	100	0.03	St Hwy 78 Crossing	FO		
Burgettstown Lateral	35.09	10	100	0.02	St Hwy 78 Crossing	FO		
Burgettstown Lateral	35.43	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	35.49	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	35.97	10	100	0.02	Queens Rd Crossing	FO		
Burgettstown Lateral	35.98	15	100	0.03	Queens Rd Crossing	FO		
Burgettstown Lateral	35.99	10	60	0.01	Wetland / Stream Crossing	FO		
Burgettstown Lateral	36	15	50	0.02	Wetland / Stream Crossing	FO		
Burgettstown Lateral	36.04	10	50	0.01	Wetland / Stream Crossing	FO		
Burgettstown Lateral	36.05	15	100	0.03	Wetland / Stream Crossing	FO/OP	S2TB-CA-273	29.59
Burgettstown Lateral	36.24	15	70	0.02	Calvary Rd Crossing	FO		
Burgettstown Lateral	36.26	10	100	0.02	Calvary Rd Crossing	AG		
Burgettstown Lateral	36.5	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	36.54	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	36.73	25	70	0.04	Wetland / Stream Crossing	FO		
Burgettstown Lateral	37.3	25	100	0.06	Stream Crossing	FO	ST2B-CA-229	49.23
Burgettstown Lateral	37.35	25	100	0.06	Stream Crossing	FO	S2TB-CA-229	44.28
Burgettstown Lateral	37.56	10	95	0.02	Germano Rd Crossing	FO		
Burgettstown Lateral	37.59	15	195	0.07	Germano Rd Crossing	FO		
Burgettstown Lateral	37.86	10	85	0.02	Stream Crossing	FO/OP		
Burgettstown Lateral	37.9	10	100	0.02	Stream Crossing	OP		
Burgettstown Lateral	38.06	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	38.1	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	38.33	25	100	0.06	Wetland / Stream Crossing	FO	W2ES-CA-154	48.54
Burgettstown Lateral	38.38	25	100	0.06	Wetland / Stream Crossing	FO		
Burgettstown Lateral	38.42	15	85	0.03	Profit Rd Crossing	FO		
Burgettstown Lateral	38.43	10	100	0.02	Profit Rd Crossing	FO		
Burgettstown Lateral	38.7	12.5	100	0.03	Stream Crossing	FO	W4ES-CA-127	37.83
Burgettstown Lateral	38.79	25	100	0.06	Wetland Crossing	FO	W4ES-CA-120	43.52
Burgettstown Lateral	38.87	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	38.87	15	95	0.03	Wetland Crossing	FO		
Burgettstown Lateral	39.63	25	100	0.06	Wetland / Stream Crossing	FO	S4ES-CA-116	48.76
Burgettstown Lateral	39.71	10	100	0.02	Wetland / Stream Crossing	FO		
Burgettstown Lateral	39.72	15	100	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	40.43	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	40.43	10	100	0.02	Stream Crossing	FO	S2TB-CA-238	26.61
Burgettstown Lateral	40.69	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	40.73	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	40.86	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	41.01	10	95	0.02	Castle Rd Crossing	OP		
Burgettstown Lateral	41.44	10	100	0.02	Castle Rd Crossing	OP/FO		
Burgettstown Lateral	41.78	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	41.84	10	185	0.04	Saber Rd Crossing	FO		
Burgettstown Lateral	41.86	15	55	0.02	Saber Rd Crossing	OP		
Burgettstown Lateral	41.87	10	100	0.02	Saber Rd Crossing	FO		
Burgettstown Lateral	42.09	25	100	0.06	Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	42.43	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	42.49	25	85	0.05	Stream Crossing	FO		
Burgettstown Lateral	42.83	10	100	0.02	Private Road / Wetland Crossing	FO		
Burgettstown Lateral	43.05	10	140	0.03	Poker Rd Crossing	OP		
Burgettstown Lateral	43.06	15	140	0.05	Poker Rd Crossing	FO		
Burgettstown Lateral	43.07	10	100	0.02	Poker Rd Crossing	OP		
Burgettstown Lateral	43.1	15	60	0.02	Poker Rd Crossing	OP		
Burgettstown Lateral	43.14	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	43.15	10	95	0.02	Wetland Crossing	FO		
Burgettstown Lateral	43.58	25	210	0.12	Stream Crossing	FO		
Burgettstown Lateral	43.68	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	43.72	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	44.23	25	185	0.11	Stream Crossing	FO		
Burgettstown Lateral	44.31	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	44.47	15	50	0.02	Diamond Rd Crossing	OP		
Burgettstown Lateral	44.48	10	100	0.02	Diamond Rd Crossing	OP		
Burgettstown Lateral	44.48	15	100	0.03	Diamond Rd Crossing	OP		
Burgettstown Lateral	45.8	25	145	0.08	Wetland / Stream Crossing	FO		
Burgettstown Lateral	46.19	15	95	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	46.25	10	105	0.02	Wetland / Stream Crossing	FO		
Burgettstown Lateral	46.26	15	100	0.03	Wetland / Stream Crossing	FO		
Burgettstown Lateral	46.4	15	100	0.03	Desert Rd Crossing	FO/OP		
Burgettstown Lateral	46.4	10	100	0.02	Desert Rd Crossing	FO		
Burgettstown Lateral	46.42	15	100	0.03	Desert Rd Crossing	FO		
Burgettstown Lateral	46.42	10	100	0.02	Desert Rd Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	46.49	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	46.5	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	46.55	10	100	0.02	Wetland Crossing	FO		
Burgettstown Lateral	46.57	15	100	0.03	Wetland Crossing	FO		
Burgettstown Lateral	46.87	10	75	0.02	Stream Crossing	FO		
Burgettstown Lateral	46.87	15	70	0.02	Stream Crossing	FO		
Burgettstown Lateral	46.91	15	100	0.03	Stream Crossing	FO		
Burgettstown Lateral	46.94	10	75	0.02	Wetlands / Stream Crossing	FO	W4ES-CA-151	39.31
Burgettstown Lateral	47.36	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	47.44	25	175	0.1	Stream / Access Midstream Pipeline Crossing	FO	S2ES-CA-219	24.39
Burgettstown Lateral	47.48	25	100	0.06	Access Midstream Pipeline Crossing	FO		
Burgettstown Lateral	47.9	25	110	0.06	Stream Crossing	FO		
Burgettstown Lateral	48.38	15	90	0.03	US Hwy 164 Crossing	FO/OP		
Burgettstown Lateral	48.39	10	100	0.02	US Hwy 164 Crossing	FO		
Burgettstown Lateral	48.8	25	100	0.06	Stream Crossing	FO		
Burgettstown Lateral	48.85	25	145	0.08	Country Road 116 / Stream Crossing	FO		
Burgettstown Lateral	48.87	15	95	0.03	Country Road 116 Crossing	FO		
Burgettstown Lateral	48.88	10	100	0.02	Country Road 116 Crossing	FO		
Burgettstown Lateral	49.2	15	100	0.03	Deacon Rd Crossing	FO		
Burgettstown Lateral	49.21	10	100	0.02	Deacon Rd Crossing	FO		
Burgettstown Lateral	49.23	15	135	0.05	Deacon Rd Crossing	FO		
Burgettstown Lateral	49.23	10	100	0.02	Deacon Rd Crossing	FO		
Burgettstown Lateral	50.07	10	100	0.02	US Hwy 212 Crossing	FO/OP		
Burgettstown Lateral	50.08	15	100	0.03	US Hwy 212 Crossing	FO/OP		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Burgettstown Lateral	50.46	10	100	0.02	CR 100 Crossing	OP/FO		
Burgettstown Lateral	50.9	15	60	0.02	Cortez Rd Crossing	FO		
Supply Connector Lines A and B	1.24	15	210	0.07	Creek Crossing	OP/FO		
Supply Connector Lines A and B	1.3	15	150	0.05	Creek Crossing	OP		
Supply Connector Lines A and B	1.66	15	100	0.05	Lees Run Rd Crossing	FO		
Supply Connector Lines A and B	1.68	15	115	0.05	Lees Run Rd Crossing	FO		
Supply Connector Lines A and B	2.78	15	90	0.03	Private Road Crossing	FO/OP		
Supply Connector Lines A and B	6.42	15	150	0.05	Access Midstream Pipeline Crossing	FO		
Supply Connector Lines A and B	6.46	15	150	0.05	Access Midstream Pipeline Crossing	FO		
Supply Connector Lines A and B	7.47	15	110	0.04	CR 22 (Lower Clearfork Road) Crossing	OP/AG	W4ES-HR-223	37.68
Supply Connector Lines A and B	7.5	15	175	0.08	CR 22 (Lower Clearfork Road) Crossing	OP/AG		
Supply Connector Lines A and B	8.59	15	135	0.05	Wetland / Stream Crossing	FO		
Supply Connector Lines A and B	8.64	15	55	0.02	Wetland / Stream Crossing	FO		
Supply Connector Lines A and B	8.78	15	110	0.04	CR 227 (Lightner Ridge Rd) Crossing	FO		
Supply Connector Lines A and B	9.46	15	310	0.11	Access Midstream Pipeline Crossing	FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Supply Connector Lines A and B	10.19	15	125	0.05	CR 225 (Henderson Road) Crossing	FO		
Supply Connector Lines A and B	10.2	15	185	0.06	CR 225 (Henderson Road) Crossing	FO		
Supply Connector Lines A and B	10.3	15	250	0.09	Wetland / Stream Crossing	FO/OP		
Supply Connector Lines A and B	10.46	15	250	0.09	Wetland / Stream Crossing	FO/OP		
Supply Connector Lines A and B	11.56	15	100	0.04	CR 360 (Hedgeapple Road) Crossing	FO		
Supply Connector Lines A and B	11.57	15	70	0.02	CR 360 (Hedgeapple Road) Crossing	FO		
Supply Connector Lines A and B	12.63	15	200	0.07	CR 25 (Beaver Dam Road) Crossing	FO/OP		
Supply Connector Lines A and B	12.77	15	200	0.07	CR 25 (Beaver Dam Road) / Wetland Crossing	FO		
Supply Connector Lines A and B	13.26	15	105	0.03	CR 44 Crossing	FO		
Supply Connector Lines A and B	13.28	15	105	0.03	CR 44 Crossing	FO/OP		
Supply Connector Lines A and B	13.45	15	300	0.1	Private Road Crossing	FO		
Supply Connector Lines A and B	13.67	15	150	0.05	Stream Crossing	FO		
Supply Connector Lines A and B	13.72	15	100	0.03	Stream Crossing	FO		
Supply Connector Lines A and B	14.58	15	200	0.07	CR 213 (Willis Run Road) / Stream Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Supply Connector Lines A and B	15.2	15	125	0.04	Stream Crossing	AG		
Supply Connector Lines A and B	15.25	15	130	0.05	Stream Crossing	FO/AG		
Supply Connector Lines A and B	15.29	15	135	0.04	CR 8 Crossing / Wetland Crossing / Midstream Pipeline Crossing	AG/FO/OP		
Supply Connector Lines A and B	15.3	15	40	0.01	CR 8 Crossing	OP		
Supply Connector Lines A and B	15.38	15	225	0.08	Wetland Crossing / Midstream Pipeline Crossing	FO/AG		
Supply Connector Lines A and B	15.78	15	475	0.16	Dominion / East Ohio Gas Company / Midstream Pipelines Crossing	FO/OP		
Supply Connector Lines A and B	15.78	115	270	0.7	Dominion / East Ohio Gas Company / Midstream Pipelines Crossing	FO/OP		
Supply Connector Lines A and B	15.79	60	375	0.52	False Row - Highway 151 HDD	FO/OP		
Supply Connector Lines A and B	16.26	50	300	0.34	Highway 151 HDD	FO		
Supply Connector Lines A and B	16.26	15	300	0.1	Highway 151 HDD	FO		
Supply Connector Lines A and B	16.78	75	230	0.4	Highway 151 HDD	FO		
Supply Connector Lines A and B	16.79	80	150	0.28	Highway 151 HDD	FO/OP		
Supply Connector Lines A and B	17.01	15	200	0.07	Caldwell Rd Crossing	FO		
Supply Connector Lines A and B	17.07	15	215	0.07	Caldwell Rd Crossing	FO/OP		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Supply Connector Lines A and B	17.4	15	150	0.05	Stream Crossing	FO		
Supply Connector Lines A and B	17.46	15	150	0.05	Stream Crossing	FO		
Supply Connector Lines A and B	17.51	15	140	0.05	Cordova Rd / Foreign Pipeline Crossing	FO		
Supply Connector Lines A and B	17.53	15	130	0.04	Cordova Rd / Foreign Pipeline Crossing	FO		
Supply Connector Lines A and B	17.9	15	270	0.09	Northeast Ohio Natural Gas Co Pipeline Crossing	FO		
Supply Connector Lines A and B	18.15	15	225	0.08	Private Rd / Foreign Pipeline Crossing	FO/OP		
Supply Connector Lines A and B	18.31	15	390	0.13	Private Rd / East Ohio Gas Company Pipeline / Stream / Wetland Crossing	FO		
Supply Connector Lines A and B	18.4	15	120	0.05	CR 101 / East Ohio Gas Company Pipeline / Stream / Wetland Crossing	AG/FO	W2ST-CA-150	20.21
Mainlines A/B	19.1	15	95	0.03	Stream Crossing	FO		
Mainlines A/B	19.16	15	105	0.04	Tennessee Gas Pipeline / Creek Crossing	FO		
Mainlines A/B	19.4	15	365	0.13	Tennessee Gas / Foreign Pipeline Crossing	FO/OP		
Mainlines A/B	19.53	15	270	0.09	Petrox Inc Pipeline Crossing	FO		
Mainlines A/B	19.67	15	150	0.05	Stream Crossing	FO		
Mainlines A/B	19.74	15	150	0.05	Stream Crossing	FO		
Mainlines A/B	20.04	15	355	0.12	Tennessee Gas Pipeline Crossing	OP		
Mainlines A/B	20.13	15	150	0.05	Stream Crossing	FO		
Mainlines A/B	20.17	15	105	0.04	CR 108 Crossing	FO		
Mainlines A/B	20.18	15	80	0.02	CR 108 Crossing	FO		
Mainlines A/B	20.4	50	420	0.48	Dominion / East Ohio / Midstream Pipeline Crossing	AG		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sup>a</sup>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	20.71	15	180	0.21	MB Operating Pipeline Crossing	FO/OP		
Mainlines A/B	20.95	15	70	0.02	Crane Rd / Foreign Pipeline Crossing	FO/RD		
Mainlines A/B	21.01	15	130	0.04	Crane Rd / Foreign Pipeline Crossing	FO		
Mainlines A/B	21.24	15	710	0.24	New Philadelphia / East Ohio Gas Company / Midstream Pipeline Crossing	FO/OP		
Mainlines A/B	21.61	15	70	0.02	Waterbody / Wetland Crossing	FO	W2ST-CA-141	45.96
Mainlines A/B	21.69	15	390	0.13	Belden And Blake Corp / MB Operating Pipeline Crossing	OP		
Mainlines A/B	21.83	15	500	0.17	Foreign Pipeline / Range Resources Pipeline Crossing	FO		
Mainlines A/B	22.21	15	15	0.01	CR 111 (Cutler Road) Crossing	OP		
Mainlines A/B	22.23	15	110	0.05	CR 111 (Cutler Road) Crossing	FO		
Mainlines A/B	22.38	15	185	0.06	Private Road Crossing	FO/OP		
Mainlines A/B	22.51	15	195	0.07	Stream Crossing	OP		
Mainlines A/B	22.78	15	150	0.05	Wetlands Crossing	FO		
Mainlines A/B	22.85	15	150	0.05	Wetlands Crossing	FO		
Mainlines A/B	23.55	15	150	0.05	Wetlands Crossing	FO		
Mainlines A/B	23.61	15	150	0.05	Wetlands Crossing	FO		
Mainlines A/B	23.94	15	125	0.04	CR 394 / Telephone Cable Crossing	FO		
Mainlines A/B	23.95	15	120	0.04	CR 394 / Telephone Cable Crossing	FO		
Mainlines A/B	24.05	15	250	0.09	Wheeling And Lake Erie Railroad / CR 320 Crossing	FO/OP		
Mainlines A/B	24.83	50	300	0.34	Indian Fork HDD	AG/OP/FO	W7H-TU-255	9.86
Mainlines A/B	25.63	50	300	0.34	Indian Fork HDD	AG/OP/FO		
Mainlines A/B	25.65	30	150	0.1	Indian Fork HDD	AG/OP/FO		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	25.87	60	1650	2.27	False Row - Indian Fork HDD	OP		
Mainlines A/B	28.02	15	85	0.03	Great Lakes Energy Pipeline Crossing	FO		
Mainlines A/B	30.27	15	435	0.15	Water Body Crossing	FO/OP		
Mainlines A/B	30.68	15	150	0.05	Private Road Crossing	FO		
Mainlines A/B	30.72	15	150	0.05	Private Road Crossing	FO		
Mainlines A/B	31.38	15	170	0.06	CR 90 (New Cumberland Road Ne) Crossing	FO/OP		
Mainlines A/B	31.49	15	1155	0.4	Side Slope / Great Lakes Energy Pipeline / Water Body Crossing	FO		
Mainlines A/B	31.88	15	100	0.03	Waterbody Crossing	FO		
Mainlines A/B	31.94	15	195	0.07	Foreign Pipeline / Range Resources Pipeline / CR 110 Crossing	FO/OP		
Mainlines A/B	32.02	15	175	0.06	Lindentree Rd Crossing / Waterbody Crossing	FO		
Mainlines A/B	32.85	15	195	0.07	Stream Crossing	FO	S4H-TU-381	0
Mainlines A/B	32.93	15	125	0.04	Foreign Pipeline Crossing	FO		
Mainlines A/B	32.95	15	80	0.03	Foreign Pipeline / Stream Crossing	FO		
Mainlines A/B	34.49	15	265	0.09	CR 107 (Sandyville Road NE) / Wetland Crossing	FO		
Mainlines A/B	34.5	15	85	0.03	CR 107 (Sandyville Road NE) / Wetland Crossing	FO		
Mainlines A/B	35.64	200	135	0.62	Sandy Creek HDD	AG		
Mainlines A/B	35.66	50	85	0.1	Sandy Creek HDD	OP		
Mainlines A/B	35.91	50	300	0.34	Sandy Creek HDD	OP		
Mainlines A/B	38.31	15	165	0.06	Dominion Pipeline Crossing	OP		
Mainlines A/B	38.42	15	150	0.06	Gracemont St Rd Crossing	OP/FO		
Mainlines A/B	38.44	15	190	0.07	Gracemont St Rd Crossing	OP/FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <u>a</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	38.48	15	150	0.05	Foreign Pipeline Crossing	FO		
Mainlines A/B	38.52	15	150	0.05	Foreign Pipeline Crossing	FO		
Mainlines A/B	38.85	15	325	0.11	Private Road Crossing	FO/OP		
Mainlines A/B	39.57	65	300	0.36	Interstate 77 HDD	FO		
Mainlines A/B	39.58	15	230	0.08	Interstate 77 HDD	FO/OP		
Mainlines A/B	39.91	50	300	0.34	Interstate 77 HDD	AG		
Mainlines A/B	40.94	15	195	0.07	Stream Crossing	FO		
Mainlines A/B	40.99	15	135	0.05	Stream Crossing	FO		
Mainlines A/B	41.85	50	300	0.34	Tuscarawas River HDD	AG		
Mainlines A/B	42.74	50	300	0.34	Tuscarawas River HDD	AG		
Mainlines A/B	43.64	15	110	0.05	Blough Ave Rd Crossing	OP/FO		
Mainlines A/B	45.05	15	100	0.03	St Hwy 21 Crossing	FO		
Mainlines A/B	45.19	15	160	0.06	Dominion Pipeline / Stream/ Waterbody Crossing	FO/OP		
Mainlines A/B	45.27	15	90	0.03	Stream / Waterbody Crossing	FO		
Mainlines A/B	46.02	15	10	0.01	Goodrich Rd Crossing	FO/OP		
Mainlines A/B	46.03	15	115	0.05	Goodrich Rd Crossing	FO/OP		
Mainlines A/B	49.07	15	150	0.05	Water Body / Wetland Crossing	FO		
Mainlines A/B	51.85	15	405	0.14	CR 105 / Dominion Pipeline / Stream Crossing	FO/OP	S2H-WA-125	14.55
Mainlines A/B	53.2	50	300	0.34	Stream At Highway 241 HDD	AG		
Mainlines A/B	53.53	180	300	0.64	Stream At Highway 241 HDD	OP	W7H-WA-176	0
Mainlines A/B	55.93	15	100	0.03	Dominion Pipeline Crossing	FO		
Mainlines A/B	56.64	15	150	0.05	Oxford Oil Pipeline Crossing	FO		
Mainlines A/B	59.94	15	70	0.02	Dominion Pipeline / CR 199 Crossing	FO		
Mainlines A/B	63.28	15	80	0.03	Wetlands Crossing	FO/OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	67.59	60	635	0.87	Prairie Lane HDD Backstring / CR 176 / Private Road / Waterbody / Wetland / Levee Crossing	AG		
Mainlines A/B	67.8	15	100	0.03	Private Rd Crossing	FO		
Mainlines A/B	67.92	50	300	0.34	Prairie Lane HDD / CR 176 / Private Road / Waterbody / Wetland / Levee Crossing	AG	S1M-WA-144	25.34
Mainlines A/B							W1M-WA-143	0
Mainlines A/B	68.32	50	100	0.11	Prairie Lane HDD	AG	S1M-WA-147	30.87
Mainlines A/B	68.34	200	140	0.64	Prairie Lane HDD	AG	S1M-WA-153	25.42
Mainlines A/B	68.9	25	300	0.17	Norfolk Southern Railroad HDD (North)	FO		
Mainlines A/B	68.9	25	300	0.17	Norfolk Southern Railroad HDD	OP	S1M-WA-147	0
Mainlines A/B	69.24	140	200	0.61	Norfolk Southern Railroad HDD	AG		
Mainlines A/B	69.25	40	70	0.06	Norfolk Southern Railroad HDD	AG		
Mainlines A/B	71.04	15	100	0.03	CR 83 Crossing	FO		
Mainlines A/B	71.51	100	300	0.46	State Highway 3 HDD	AG		
Mainlines A/B	71.95	50	300	0.34	State Highway 3 HDD	AG		
Mainlines A/B	75.78	15	120	0.04	Stream Crossing	FO/OP		
Mainlines A/B	76.26	15	150	0.05	Stream Crossing	FO		
Mainlines A/B	76.64	50	300	0.34	US Highway 30 HDD	AG		
Mainlines A/B	76.95	70	75	0.09	US Highway 30 HDD	AG		
Mainlines A/B	76.95	200	300	0.67	US Highway 30 HDD	FO	S1TB-WA-116	0
Mainlines A/B	82.64	15	100	0.03	County Road 1675 Crossing	FO		
Mainlines A/B	83.72	15	65	0.02	Stream Crossing	OP		
Mainlines A/B	83.78	15	150	0.05	Stream Crossing	OP		
Mainlines A/B	84.85	15	15	0.01	CR 1575 Crossing	FO		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	84.87	15	120	0.04	CR 1575 Crossing	FO	W7H-AS-105	28.76
Mainlines A/B	89.91	15	100	0.03	CR 995 / Telephone Cable Crossing	FO		
Mainlines A/B	90.18	15	145	0.05	Private Road Crossing	FO/OP		
Mainlines A/B	91.65	240	300	1.65	Interstate 71 HDD	AG		
Mainlines A/B	91.9	50	90	0.1	Interstate 71 HDD	AG		
Mainlines A/B	91.92	200	145	0.37	Interstate 71 HDD	AG		
Mainlines A/B	91.98	50	1115	1.28	False Row - Interstate 71 HDD	AG/FO		
Mainlines A/B	93.6	15	200	0.07	Stream Crossing	FO/AG	S1H-AS-131	0
Mainlines A/B	93.67	15	330	0.11	Creek Crossing	AG/FO		
Mainlines A/B	93.74	15	195	0.07	Creek Crossing	AG/FO		
Mainlines A/B	94.17	50	1160	1.29	False Row - US Highway 42 HDD	OP/AG		
Mainlines A/B	94.3	50	300	0.34	US Highway 42 HDD	AG		
Mainlines A/B	94.56	50	95	0.11	US Highway 42 HDD	FO/AG		
Mainlines A/B	94.57	50	275	0.32	US Highway 42 HDD	AG	W4H-AS-120	0
Mainlines A/B	94.69	15	435	0.15	CR 1455 Crossing	FO		
Mainlines A/B	94.7	15	15	0.01	CR 1455 Crossing	OP		
Mainlines A/B	95.46	50	300	0.34	Black Fork Mochican River HDD	AG		
Mainlines A/B	95.86	50	300	0.34	Black Fork Mochican River HDD	AG	W4H-RI-130	15.15
Mainlines A/B							W4H-RI-131	6.13
Mainlines A/B	98.31	15	100	0.03	CR 257 Crossing	FO		
Mainlines A/B	98.93	15	275	0.09	Wetlands / Stream Crossing	FO		
Mainlines A/B	99.03	15	140	0.05	Wetlands Crossing	FO		
Mainlines A/B	100.79	15	70	0.02	Stream Crossing	FO		
Mainlines A/B	100.83	15	110	0.04	Stream Crossing	FO		
Mainlines A/B	101.1	15	110	0.04	St Hwy 13 Crossing	OP		

APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	102.46	15	150	0.05	Wetlands / Stream Crossing	FO/OP		
Mainlines A/B	102.58	15	195	0.07	Wetlands / Stream Crossing	FO/OP		
Mainlines A/B	109.05	15	105	0.04	Stream Crossing	OP		
Mainlines A/B	127.37	15	120	0.04	Brillhart Rd Crossing	FO		
Mainlines A/B	135.29	80	230	0.42	County Road 12 HDD	AG	W7H-SE-219	30.77
Mainlines A/B	135.31	50	150	0.17	County Road 12 HDD	AG	W7H-SE-219	32.41
Mainlines A/B	135.67	50	300	0.34	County Road 12 HDD	AG		
Mainlines A/B	135.74	105	590	0.71	County Road 12 HDD	AG		
Mainlines A/B	135.95	60	715	0.98	False Row - CR 12 HDD	AG		
Mainlines A/B	140.27	50	300	0.34	Honey Creek HDD	AG		
Mainlines A/B	140.63	50	300	0.34	Honey Creek HDD	AG		
Mainlines A/B	142.08	50	300	0.34	Sandusky River HDD	AG		
Mainlines A/B	142.44	50	300	0.34	Sandusky River HDD	AG		
Mainlines A/B	146.8	15	30	0.01	CR 7 Crossing	FO		
Mainlines A/B	151.53	15	200	0.07	Wolf Creek Crossing	FO		
Mainlines A/B	169.55	50	300	0.34	Interstate 75 HDD / CR 603 / CR 604 / Telephone Cable	AG		
Mainlines A/B	170.23	50	300	0.34	Interstate 75 HDD / CR 603 / CR 604 / Telephone Cable	AG		
Mainlines A/B	190.33	50	300	0.34	St Hwy 109 HDD / Norfolk Southern Railroad HDD / Waterbody / Stream Crossing	AG		
Mainlines A/B	190.85	45	300	0.3	St Hwy 109 HDD / Norfolk Southern Railroad HDD / Waterbody / Stream Crossing	AG		
Mainlines A/B	196.98	15	60	0.02	Creek Crossing	AG		
Mainlines A/B	197.05	15	65	0.02	County Road 15 Crossing	AG		
Mainlines A/B	200.22	50	300	0.34	Maumee River HDD	AG		

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Mainlines A/B	200.69	50	300	0.34	Maumee River HDD	AG		
Mainline A	204.56	25	295	0.17	US Hwy 24 Crossing	AG		
Mainline A	204.58	25	110	0.06	US Hwy 24 Crossing	AG		
Mainline A	204.67	25	265	0.15	US Hwy 24 Crossing	AG		
Mainline A	204.68	25	450	0.26	US Hwy 24 Crossing	AG		
Market Segment	2.92	25	480	0.27	CR 166 Crossing	FO	W4H-DF-229	0
Market Segment	42.74	25	235	0.13	Wolf Creek Crossing	OP		
Market Segment	43.08	25	150	0.09	US Hwy 223 Crossing	FO/OP		
Market Segment	55.35	25	375	0.2	Service Rd / Wisner Hwy Crossing	FO		
Market Segment	56.91	25	815	0.47	Wetland Crossing	FO/AG	S1K-WA-293	0
Market Segment							W1K-WA-292	15.31
Market Segment	57.03	50	485	0.56	Wetland Crossing	FO/OP	W1K-WA-291	0
Market Segment	57.13	25	515	0.3	Wetland Crossing	AG		
Market Segment	60.58	60	150	0.21	Crossover / Wetland Crossing	AG	W2K-WA-167	40.67
Market Segment	61.5	60	150	0.2	Crossover	FO/OP		
Market Segment	62.05	50	300	0.34	State Road 52 HDD	AG		
Market Segment	62.59	75	300	0.52	State Road 52 HDD	AG		
Market Segment	63.07	50	535	0.61	False Row - State Road 52 HDD	FO		
Market Segment	64.38	25	85	0.05	Bemis Rd Crossing	FO		
Market Segment	65.15	25	145	0.08	Eisman Road Crossing	FO		
Market Segment	71.49	25	125	0.07	Scio Church Road Crossing	FO		
Market Segment	71.53	25	120	0.07	Scio Church Road Crossing	FO/OP		
Market Segment	74.08	100	1505	3.44	I 94 HDD	AG		
Market Segment	74.31	50	300	0.34	I 94 HDD	AG		
Market Segment	74.74	75	300	0.52	I 94 HDD	OP		



APPENDIX E (continued)

**Additional Temporary Workspace Requirements**

Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sub>a</sub>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
Market Segment	82.47	25	220	0.13	Side Slope	FO		
Market Segment	84.09	25	130	0.07	Dexter Town Hall Road	FO		
Market Segment	84.13	25	155	0.09	Dexter Town Hall Road	FO		
Market Segment	84.5	200	300	1.38	Portage River HDD	AG		
Market Segment	84.9	60	300	0.41	Portage River HDD	OP/FO		
Market Segment	84.9	15	300	0.1	Portage River HDD	OP/FO		
Market Segment	85.27	60	290	0.4	Portage River HDD Backstring	AG/OP		
Market Segment	85.47	60	320	0.27	Patterson Lake Road Crossing	OP		
Market Segment	87.14	45	205	0.21	Crossover	FO/OP	W2K-LI-238	0
Market Segment	87.67	40	180	0.17	Crossover	AG		
Market Segment	87.91	35	150	0.12	Side Slope	FO/OP		
Market Segment	89	25	150	0.09	Wetland Crossing	FO		
Market Segment	89.07	25	120	0.07	Wetland Crossing	FO		
Market Segment	89.53	60	100	0.14	Crossover	OP		
Market Segment	90.13	25	175	0.1	Hinchey Road Crossing	FO/OP		
Market Segment	91.03	25	95	0.05	Spears Road Crossing	OP	W5K-LI-419	10
Market Segment	92.95	25	160	0.09	Pingree Road / Wetland Crossing	OP	W1K-LI-285	0
Market Segment	92.98	25	140	0.08	Pingree Road / Wetland Crossing	OP/FO	W1K-LI-283	0
Market Segment	93.41	25	125	0.07	W Schafer Rd Crossing	FO		
Market Segment	95.41	25	150	0.09	Vines Rd Crossing	FO/OP		
Market Segment	95.45	25	150	0.09	Vines Rd Crossing	FO/OP		
Market Segment	95.95	15	75	0.04	W Coon Lake Road Crossing	OP		
Market Segment	98.03	25	150	0.09	West Lange Rd Crossing	OP	W2K-LI-253	0
Market Segment	98.06	25	150	0.09	West Lange Rd Crossing	OP	W2K-LI-254	0

APPENDIX E (continued)								
Additional Temporary Workspace Requirements								
Segment	MP	Nominal Dimensions (feet)		Area Affected (Acres)	Justification for ATWS	Existing Land Use <sup>a</sup>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
<sup>a</sup> AG = Agricultural Land ; OP = Open Land (existing ROW, Open Field, Non-agriculture); FO = Forested Land. Note: Totals may not sum due to rounding.								