

APPENDIX F

Permanent and Temporary Access Roads

APPENDIX F

Permanent and Temporary Access Roads

Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
Sherwood Lateral								
WV-DO-SHC-006.970-TAR-1	1.51A	Doddridge, WV	Temp	Existing	Gravel	5,279	12	1.45
WV-DO-SHC-011.970-TAR-2	1.01A	Doddridge, WV	Temp	Existing	Gravel	3,885	12	1.07
WV-DO-SHC-015.970-TAR-3	1.97B	Doddridge, WV	Temp	Existing	Gravel	4,814	15	1.66
WV-DO-SHC-019.970-TAR-4	3.36	Doddridge, WV	Temp	New	FO/OP	992	10	0.23
				Existing	Dirt	2,122	8	0.39
WV-DO-SHC-021.970-TAR-5	3.54	Doddridge, WV	Temp	Existing	Dirt	5,904	10	1.36
WV-DO-SHC-021.971-TAR-6	3.86	Doddridge, WV	Temp	New	FO	180	10	0.04
				Existing	Gravel	6,990	10	1.6
WV-DO-SHC-024.970-TAR-7	4.33	Doddridge, WV	Temp	Existing	Gravel	1,498	9	0.31
WV-DO-SHC-029.970-TAR-8	5.02	Doddridge, WV	Temp	Existing	Gravel	2,384	12	0.66
WV-DO-SHC-030.970-TAR-9	5.25	Doddridge, WV	Temp	Existing	Dirt	1,439	12	0.4
WV-DO-SHC-040.970-TAR-10	6.86	Doddridge, WV	Temp	Existing	Rock	2,060	10	0.47
WV-DO-SHC-043.970-TAR-10A	7.47	Doddridge, WV	Temp	Existing	Dirt	2,735	10	0.63
WV-DO-SHC-048.970-TAR-10B	8.61	Doddridge, WV	Temp	New	OP/FO	689	10	0.16
WV-TY-SHC-002.970-TAR-11	9.15	Tyler, WV	Temp	New	FO	437	10	0.1
WV-TY-SHC-005.970-TAR-12	9.64	Tyler, WV	Temp	New	FO/OP	190	10	0.04
				Existing	Gravel	824	10	0.19
WV-TY-SHC-006.970-TAR-13	9.91	Tyler, WV	Temp	Existing	Gravel	543	10	0.12
WV-TY-SHC-009.970-TAR-14	10.24	Tyler, WV	Temp	Existing	Dirt	635	7	0.1
WV-TY-SHC-011.970-TAR-15	10.66	Tyler, WV	Temp	Existing	Gravel	835	10	0.19
WV-TY-SHC-014.970-TAR-16	11.37	Tyler, WV	Temp	Existing	Gravel	460	10	0.11
WV-TY-SHC-016.970-TAR-16A	11.83	Tyler, WV	Temp	Existing	Gravel	333	10	0.08
WV-TY-SHC-017.970-TAR-17	11.98	Tyler, WV	Temp	Existing	Rock	1,519	8	0.28

APPENDIX F (continued)								
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WV-TY-SHC-018.970-TAR-17A	12.36	Tyler, WV	Temp	Existing	Gravel	3,240	10	0.74
WV-TY-SHC-019.970-TAR-18	12.77	Tyler, WV	Temp	New	FO	660	15	0.23
				Existing	Gravel	1,800	8	0.33
WV-TY-SHC-024.970-TAR-20	13.5	Tyler, WV	Temp	Existing	Gravel	643	10	0.15
WV-TY-SHC-026.970-TAR-21	13.68	Tyler, WV	Temp	Existing	Gravel	404	10	0.09
WV-TY-SHC-026.970-TAR-21A	13.8	Tyler, WV	Temp	Existing	Dirt	1,602	12	0.44
WV-TY-SHC-026.971-TAR-21B	13.98	Tyler, WV	Temp	Existing	Dirt	4,065	15	1.4
WV-TY-SHC-027.970-TAR-22	14.4	Tyler, WV	Temp	Existing	Dirt	885	10	0.2
WV-TY-SHC-028.970-TAR-22A	14.79	Tyler, WV	Temp	Existing	Dirt	3,674	10	0.84
WV-TY-SHC-030.970-TAR-23	15.21	Tyler, WV	Temp	New	FO/OP	3,102	10	0.71
				Existing	Dirt	3,102	15	1.07
WV-TY-SHC-030.971-TAR-24	15.61	Tyler, WV	Temp	Existing	Dirt	813	10	0.19
WV-TY-SHC-036.970-PAR-34A	16.55	Tyler, WV	Perm	New	FO/OP	144	20	0.07
WV-TY-SHC-039.970-TAR-25	16.96	Tyler, WV	Temp	Existing	Dirt	3,220	8	0.59
WV-TY-SHC-042.970-TAR-25A	17.6	Tyler, WV	Temp	Existing	Dirt	382	10	0.09
WV-TY-SHC-043.970-TAR-25B	17.93	Tyler, WV	Temp	New	OP	786	10	0.18
WV-TY-SHC-045.970-TAR-25C	18.43	Tyler, WV	Temp	New	FO/OP	198	10	0.05
				Existing	Gravel	654	15	0.23
WV-TY-SHC-045.970-TAR-26	18.66	Tyler, WV	Temp	Existing	Dirt	4,773	15	1.64
WV-TY-SHC-047.970-TAR-26A	18.82	Tyler, WV	Temp	Existing	Dirt	490	15	0.17
WV-TY-SHC-054.970-TAR-27	20.38	Tyler, WV	Temp	New	OP/FO	1,100	10	0.25
				Existing	Dirt	2,282	10	0.52
WV-TY-SHC-058.970-TAR-27A	20.73	Tyler, WV	Temp	Existing	Gravel	4,388	12	1.21
WV-TY-SHC-060.970-TAR-28	22.21	Tyler, WV	Temp	Existing	Dirt	6,880	10	1.58
WV-TY-SHC-065.970-TAR-28A	22.36	Tyler, WV	Temp	New	FO/OP	250	10	0.06
				Existing	Dirt	1,217	10	0.28

APPENDIX F (continued)

Permanent and Temporary Access Roads

Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
WV-TY-SHC-066.970-TAR-29	22.59	Tyler, WV	Temp	New	OP/FO	383	10	0.09
				Existing	Dirt	3,437	14	1.1
WV-TY-SHC-069.970-TAR-30 <u>d</u>	23.68	Tyler, WV	Perm	Existing	Gravel	6,286	8	1.15
WV-TY-SHC-075.970-TAR-30A	25.59	Tyler, WV	Temp	New	FO	582	10	0.13
WV-TY-SHC-075.971-TAR-30B	25.76	Tyler, WV	Temp	Existing	Dirt	4,468	12	1.23
WV-TY-SHC-080.970-TAR-30C	26.77	Tyler, WV	Temp	New	FO/OP	300	10	0.07
				Existing	Dirt	2,249	8	0.41
WV-TY-SHC-088.970-TAR-31	28.02	Tyler, WV	Temp	Existing	Asphalt	3,729	12	1.03
WV-TY-SHC-089.970-TAR-31A	28.4	Tyler, WV	Temp	Existing	Gravel	658	10	0.15
WV-TY-SHC-094.970-PAR-32	29.14	Tyler, WV	Perm	New	FO/OP	1,020	20	0.47
				Existing	Dirt	1,135	12	0.31
WV-TY-SHC-097.970-TAR-32A	29.41	Tyler, WV	Temp	New	OP	140	10	0.03
				Existing	Gravel	354	12	0.1
WV-TY-SHC-099.970-TAR-32B	29.78	Tyler, WV	Temp	New	FO	1,756	10	0.4
				Existing	Dirt	1,967	10	0.45
WV-TY-SHC-100.970-TAR-32C	30.12	Tyler, WV	Temp	Existing	Dirt	2,127	10	0.49
WV-TY-SHC-105.970-TAR-33	30.82	Tyler, WV	Temp	Existing	Dirt	1,363	8	0.25
WV-TY-SHC-106.970-TAR-33A	31.12	Tyler, WV	Temp	Existing	Gravel	1,396	12	0.38
WV-TY-SHC-110.970-TAR-33B	31.73	Tyler, WV	Temp	New	FO	3,021	10	0.69
				Existing	Dirt	1,020	10	0.23
WV-WE-SHC-007.970-TAR-33D	33.01	Wetzel, WV	Temp	Existing	Gravel	2,838	10	0.65
OH-MO-SHC-006.970-PAR-34	35.34	Monroe, OH	Perm	New	FO/OP	356	20	0.16
				Existing	Gravel	125	10	0.03
OH-MO-SHC-014.970-TAR-34A	36.18	Monroe, OH	Temp	New	FO	100	10	0.02
				Existing	Dirt	311	10	0.07

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OH-MO-SHC-017.970-TAR-34B	36.47	Monroe, OH	Temp	New	OP	497	10	0.11
				Existing	FO	1,140	10	0.26
OH-MO-SHC-031.970-TAR-34C	38.38	Monroe, OH	Temp	New	OP	1,095	10	0.25
				Existing	Dirt	890	10	0.2
OH-MO-SHC-033.970-TAR-34D	38.94	Monroe, OH	Temp	New	OP	750	10	0.17
				Existing	Dirt	1,387	10	0.32
OH-MO-SHC-036.970-TAR-34E	39.74	Monroe, OH	Temp	New	FO/OP	1,065	10	0.24
OH-MO-SHC-040.970-TAR-35	40.63	Monroe, OH	Temp	Existing	Gravel	400	10	0.09
OH-MO-SHC-046.970-TAR-36	41.93	Monroe, OH	Temp	Existing	Gravel	2,978	6	0.41
OH-MO-SHC-048.971-PAR-38	42.56	Monroe, OH	Perm	New	OP/AG	700	20	0.32
				Existing	Dirt	2,079	20	0.95
OH-MO-SHC-058.970-TAR-39A	44.54	Monroe, OH	Temp	New	OP/FO	1,762	10	0.4
OH-MO-SHC-066.970-TAR-40	46.62	Monroe, OH	Temp	Existing	Asphalt	582	15	0.2
OH-MO-SHC-066.970-TAR-40A	47.14	Monroe, OH	Temp	New	OP/AG	897	10	0.21
				Existing	Gravel	245	10	0.06
OH-MO-SHC-066.971-TAR-41A	47.75	Monroe, OH	Temp	New	OP/AG	1,242	10	0.29
				Existing	Dirt	1,452	10	0.33
OH-MO-SHC-066.971-TAR-41	49.64	Monroe, OH	Temp	New	OP/FO	210	10	0.05
				Existing	Dirt	1,102	20	0.51
OH-MO-SHC-079.970-TAR-42	50.39	Monroe, OH	Temp	Existing	Gravel	790	15	0.27
OH-MO-SHC-083.970-TAR-43	51.87	Monroe, OH	Temp	Existing	Dirt	1,959	12	0.54
CGT Lateral								
WV-DO-SHB-001.970-PAR-1	0	Doddridge, WV	Perm	New	FO	125	20	0.06
WV-DO-SHB-001.970-TAR-1	0.07	Doddridge, WV	Temp	Existing	Dirt	1,846	8	0.34
WV-DO-SHB-009.970-TAR-1A	0.83	Doddridge, WV	Temp	Existing	Dirt	4,565	15	1.57

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WV-DO-SHB-010.970-TAR-2	1.02	Doddridge, WV	Temp	Existing	Gravel	3,083	25	1.77
				New	OP/FO	400	10	0.09
WV-DO-SHB-013.970-TAR-3	2.32	Doddridge, WV	Temp	Existing	Gravel	5,293	10	1.22
WV-DO-SHB-017.970-TAR-3A	3.05	Doddridge, WV	Temp	Existing	Gravel	5,427	12	1.5
WV-DO-SHB-021.970-TAR-4	4.09	Doddridge, WV	Temp	Existing	Gravel	2,175	9	0.45
WV-DO-SHB-026.970-TAR-5	5.08	Doddridge, WV	Temp	Existing	Gravel	1,294	15	0.45
				New	OP/FO	165	10	0.04
Seneca Lateral								
OH-NO-SCL-010.970-TAR-0A	1.33	Noble, OH	Temp	New	OP	2,529	10	0.58
				Existing	Dirt	210	10	0.05
OH-MO-SCL-002.970-TAR-08	1.95	Monroe, OH	Temp	New	OP	1,822	10	0.42
OH-MO-SCL-008.970-TAR-1	2.83	Monroe, OH	Temp	New	OP/FP	430	12	0.12
				Existing	Gravel	1,207	12	0.33
OH-MO-SCL-015.970-TAR-1A	4.37	Monroe, OH	Temp	Existing	Gravel	645	8	0.12
				Existing	Gravel	1,951	8	0.36
OH-MO-SCL-017.970-TAR-2	5.06	Monroe, OH	Temp	Existing	Gravel	2,346	15	0.81
OH-MO-SCL-019.970-TAR-3	5.64	Monroe, OH	Temp	Existing	Gravel	923	10	0.21
OH-MO-SCL-021.970-TAR-3A	5.91	Monroe, OH	Temp	Existing	Gravel	1,080	10	0.25
OH-MO-SCL-027.970-TAR-4	6.28	Monroe, OH	Temp	Existing	Gravel	1,906	8	0.35
OH-MO-SCL-038.970-TAR-5	8.2	Monroe, OH	Temp	Existing	Dirt	3,286	6	0.45
OH-MO-SCL-040.970-TAR-6	8.35	Monroe, OH	Temp	Existing	Gravel	1,571	10	0.36
OH-MO-SCL-041.970-TAR-7	8.62	Monroe, OH	Temp	Existing	Dirt	1,175	9	0.24
OH-MO-SCL-045.970-TAR-7A	9.83	Monroe, OH	Temp	New	OP	846	10	0.19
				Existing	Gravel	963	10	0.22
OH-MO-SCL-049.970-TAR-7B	10.61	Monroe, OH	Temp	New	AG/FO	1,933	10	0.44
				Existing	Dirt	1,131	25	0.65

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OH-MO-SCL-055.970-TAR-8	11.96	Monroe, OH	Temp	Existing	Gravel	391	12	0.11
OH-MO-SCL-058.970-TAR-9	12.65	Monroe, OH	Temp	Existing	Gravel	1,471	15	0.51
OH-MO-SCL-058.971-TAR-10	12.8	Monroe, OH	Temp	New	FO/OP	140	10	0.03
				Existing	Dirt	1,133	15	0.39
OH-MO-SCL-067.970-TAR-10A	13.9	Monroe, OH	Temp	New	AG/FO/OP	2,028	10	0.47
				Existing	Dirt	1,521	10	0.35
OH-MO-SCL-081.970-TAR-11	15.52	Monroe, OH	Temp	Existing	Gravel	4,868	6	0.67
OH-MO-SCL-087.970-TAR-11A	16.83	Monroe, OH	Temp	Existing	Dirt	976	15	0.34
OH-MO-SCL-091.970-TAR-12	17.55	Monroe, OH	Temp	Existing	Dirt	1,020	15	0.35
OH-MO-SCL-102.970-TAR-13	19.42	Monroe, OH	Temp	Existing	Dirt	3,909	15	1.35
OH-MO-SCL-104.970-TAR-14	19.64	Monroe, OH	Temp	Existing	Dirt	1,215	12	0.33
OH-MO-SCL-106.970-TAR-15	20.12	Monroe, OH	Temp	Existing	Gravel	2,029	10	0.47
OH-MO-SCL-109.970-TAR-16	20.89	Monroe, OH	Temp	Existing	Dirt	3,080	15	1.06
OH-MO-SCL-110.970-TAR-16A	21.25	Monroe, OH	Temp	New	AG/FO/OP	1,661	10	0.38
				Existing	Gravel	920	10	0.21
OH-MO-SCL-116.970-TAR-17	22.15	Monroe, OH	Temp	New	FO/OP	710	10	0.16
				Existing	Gravel	1,498	9	0.31
OH-MO-SCL-118.970-TAR-17A	22.6	Monroe, OH	Temp	New	OP	1,367	10	0.31
				Existing	Gravel	150	10	0.03
OH-MO-SCL-126.970-TAR-18	23.94	Monroe, OH	Temp	New	OP/FO	1,776	10	0.41
OH-MO-SCL-127.970-TAR-19	24.29	Monroe, OH	Temp	Existing	Dirt	878	10	0.2
OH-MO-SCL-130.970-TAR-19A	24.99	Monroe, OH	Temp	Existing	Dirt	832	12	0.23
OH-MO-SCL-130.970-TAR-20	25.19	Monroe, OH	Temp	Existing	Asphalt	381	10	0.09
OH-MO-SCL-131.970-TAR-21	25.6	Monroe, OH	Temp	Existing	Asphalt	835	15	0.29
Berne Lateral								
OH-MO-BRS-001.970-PAR-1	0.01	Monroe, OH	Perm	New	OP	326	10	0.07

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Clarington Lateral								
OH-MO-CC-004.970-TAR-1	0.68	Monroe, OH	Temp	Existing	Gravel	1,912	12	0.53
OH-BE-CC-003.970-TAR-2	1.58	Belmont, OH	Temp	Existing	Gravel	5,202	10	1.19
OH-BE-CC-020.970-TAR-3	4.72	Belmont, OH	Temp	Existing	Gravel	677	8	0.12
OH-BE-CC-021.970-TAR-4	4.87	Belmont, OH	Temp	Existing	Gravel	3,353	12	0.92
OH-BE-CC-022.970-TAR-5	5.11	Belmont, OH	Temp	Existing	Dirt	520	8	0.1
OH-BE-CC-024.970-TAR-6	5.58	Belmont, OH	Temp	Existing	Dirt	9,236	10	2.12
OH-BE-CC-043.970-TAR-6A	7.96	Belmont, OH	Temp	Existing	Gravel	176	8	0.03
OH-BE-CC-045.970-TAR-7	8.63	Belmont, OH	Temp	Existing	Gravel	413	10	0.09
OH-BE-CC-048.970-TAR-8	9.4	Belmont, OH	Temp	Existing	Dirt	847	10	0.19
OH-BE-CC-049.970-TAR-9	9.92	Belmont, OH	Temp	Existing	Dirt	2,837	12	0.78
OH-BE-CC-049.971-TAR-10	10.39	Belmont, OH	Temp	Existing	Dirt	748	12	0.21
OH-BE-CC-049.972-TAR-11	10.46	Belmont, OH	Temp	Existing	Gravel	1,157	8	0.21
OH-BE-CC-057.970-TAR-12	11.19	Belmont, OH	Temp	Existing	Gravel	906	6	0.12
OH-BE-ML-076.970-PAR-1	11.75	Belmont, OH	Perm	New	OP/FO	325	20	0.15
OH-BE-CC-063.970-TAR-13	12.96	Belmont, OH	Temp	Existing	Asphalt	1,001	8	0.18
OH-BE-CC-069.970-TAR-13A	14.23	Belmont, OH	Temp	Existing	Dirt	2,771	20	1.27
OH-BE-CC-075.970-TAR-13B	15.44	Belmont, OH	Temp	Existing	Dirt	2,538	10	0.58
OH-BE-CC-079.970-TAR-13C	15.75	Belmont, OH	Temp	Existing	Gravel	135	10	0.03
OH-BE-CC-080.970-TAR-14	16.29	Belmont, OH	Temp	Existing	Gravel	4,074	10	0.94
OH-BE-CC-092.970-TAR-14A	17.75	Belmont, OH	Temp	Existing	Asphalt	2,212	15	0.76
				New	OP/FO	235	10	0.05
OH-BE-CC-100.970-TAR-14B	18.4	Belmont, OH	Temp	Existing	Gravel	2,078	10	0.48
OH-BE-CC-107.970-TAR-14C	19.07	Belmont, OH	Temp	Existing	Gravel	1,272	10	0.29
OH-BE-CC-113.970-TAR-14D	20.4	Belmont, OH	Temp	Existing	Dirt	1,911	10	0.44

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OH-BE-CC-118.970-PAR-15	21.57	Belmont, OH	Perm	Existing	Gravel	1,474	6	0.2
				New	OP/FO	159	20	0.07
OH-BE-CC-127.970-TAR-16	22.27	Belmont, OH	Temp	Existing	Gravel	689	6	0.09
OH-BE-CC-131.970-TAR-16A	23.31	Belmont, OH	Temp	Existing	Gravel	1,328	10	0.3
OH-BE-CC-136.970-TAR-17	24.15	Belmont, OH	Temp	Existing	Dirt	2,468	12	0.68
OH-BE-CC-139.970-TAR-18	24.67	Belmont, OH	Temp	Existing	Gravel	3,239	16	1.19
OH-BE-CC-143.970-TAR-19	25.95	Belmont, OH	Temp	Existing	Gravel	2,552	25	1.46
OH-HA-CC-004.970-TAR-19A	27.22	Harrison, OH	Temp	Existing	Gravel	789	20	0.36
OH-HA-CC-008.970-TAR-19B	28.05	Harrison, OH	Temp	Existing	Dirt	1,425	10	0.33
OH-HA-CC-020.970-TAR-19C	30.31	Harrison, OH	Temp	Existing	Dirt	963	10	0.22
OH-HA-CC-021.970-TAR-20	30.72	Harrison, OH	Temp	Existing	Gravel	1,064	6	0.15
OH-HA-CC-022.970-TAR-21	31.06	Harrison, OH	Temp	Existing	Dirt	1,900	8	0.35
OH-HA-CC-024.970-TAR-22	31.48	Harrison, OH	Temp	Existing	Gravel	1,423	8	0.26
OH-HA-CC-025.970-TAR-23	31.75	Harrison, OH	Temp	Existing	Gravel	1,766	10	0.41
OH-HR-CC-027.970-PAR-24	32.2	Harrison, OH	Perm	New	OP	4,381	20	2.01
OH-HR-004.000-PAR-1	32.87	Harrison, OH	Perm	Existing	Gravel	3,266	15	1.12
Majorsville Lateral								
WV-MA-ML-004.970-TAR-1	0.35	Marshall, WV	Temp	Existing	Gravel	837	20	0.38
WV-MA-ML-007.971-TAR-1B <u>e</u>	0.64	Marshall, WV	Temp	Existing	Gravel	5,883	10	1.35
WV-MA-ML-010.970-TAR-1C	1.1	Marshall, WV	Temp	Existing	Gravel	2,775	15	0.96
WV-MA-ML-011.970-PAR-1D	1.42	Marshall, WV	Perm	Existing	Gravel	2,203	15	0.76
WV-MA-ML-013.970-TAR-2	1.64	Marshall, WV	Temp	Existing	Gravel	1,631	15	0.56
WV-MA-ML-014.970-TAR-2A	1.96	Marshall, WV	Temp	Existing	Gravel	4,561	15	1.57
WV-MA-ML-018.970-TAR-2B	2.62	Marshall, WV	Temp	Existing	Dirt	4,204	10	0.97
WV-MA-ML-024.970-TAR-3	4.31	Marshall, WV	Temp	Existing	Gravel	612	10	0.14
WV-MA-ML-029.970-TAR-4	4.95	Marshall, WV	Temp	Existing	Dirt	5,973	10	1.37

APPENDIX F (continued)

Permanent and Temporary Access Roads

Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
WV-MA-ML-030.970-TAR-5	6.11	Marshall, WV	Temp	Existing	Asphalt	1,518	10	0.35
				New	OP	130	10	0.03
WV-MA-ML-037.970-TAR-6	6.98	Marshall, WV	Temp	Existing	Gravel	1,445	12	0.4
WV-MA-ML-039.970-TAR-6A	7.55	Marshall, WV	Temp	Existing	Gravel/Dirt	1,543	10	0.35
				New	OP	400	10	0.09
WV-MA-ML-043.970-TAR-6B	8.3	Marshall, WV	Temp	Existing	Dirt	5,352	10	1.23
WV-MA-ML-043.971-TAR-6C	8.48	Marshall, WV	Temp	Existing	Gravel	2,081	10	0.48
WV-MA-ML-044.970-TAR-6D	8.69	Marshall, WV	Temp	Existing	Gravel	3,970	12	1.09
WV-MA-ML-053.970-TAR-7	10.13	Marshall, WV	Temp	Existing	Gravel	2,999	10	0.69
				New	OP/FO	315	10	0.07
WV-MA-ML-055.970-PAR-7AA	10.63	Marshall, WV	Perm	Existing	Dirt	1,071	20	0.49
				New	OP/FO	195	20	0.09
OH-BE-ML-001.970-TAR-7A	12.46	Belmont, OH	Temp	Existing	Asphalt	1,310	20	0.6
				New	FO/OP	300	10	0.07
OH-BE-ML-015.970-TAR-7B	13.13	Belmont, OH	Temp	Existing	Dirt	661	6	0.09
OH-BE-ML-016.970-TAR-8	13.32	Belmont, OH	Temp	Existing	Gravel	440	10	0.1
OH-BE-ML-025.970-PAR-9	14.07	Belmont, OH	Perm	Existing	Dirt	789	6	0.11
OH-BE-ML-029.970-TAR-10	14.45	Belmont, OH	Temp	Existing	Gravel	602	10	0.14
OH-BE-ML-032.970-TAR-11	14.73	Belmont, OH	Temp	Existing	Gravel	128	10	0.03
OH-BE-ML-043.971-TAR-13	17.29	Belmont, OH	Temp	Existing	Dirt	1,818	12	0.5
OH-BE-ML-043.970-TAR-12	17.69	Belmont, OH	Temp	Existing	Dirt	746	8	0.14
OH-BE-ML-045.970-TAR-14	17.94	Belmont, OH	Temp	Existing	Gravel	3,481	18	1.44
OH-BE-ML-047.970-TAR-15	18.29	Belmont, OH	Temp	Existing	Gravel	3,518	8	0.65
OH-BE-ML-048.970-TAR-16	18.78	Belmont, OH	Temp	Existing	Gravel	3,540	15	1.22
OH-BE-ML-049.970-TAR-17	18.97	Belmont, OH	Temp	Existing	Gravel	1,902	10	0.44

APPENDIX F (continued)								
Permanent and Temporary Access Roads								
Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
OH-BE-ML-057.970-TAR-18	20.64	Belmont, OH	Temp	Existing	Gravel	1,552	12	0.43
				New	FO/OP	85	10	0.02
OH-BE-ML-062.970-TAR-19	21.72	Belmont, OH	Temp	Existing	Dirt	2,184	10	0.5
Cadiz Lateral								
OH-HA-MC-002.970- PAR-1A ^b	0	Harrison, OH	Perm	New	OP	1,051	10	0.24
OH-HA-MC-003.970-TAR-1	0.43	Harrison, OH	Temp	Existing	Dirt	2,466	7	0.4
Supply Connector Lines A and B								
OH-HR-004.000-PAR-1	0	Harrison, OH	Perm	Existing	Gravel	3,267	15	1.13
OH-HR-019.000-TAR-3	6.43	Harrison, OH	Temp	Existing	Dirt	302	20	0.14
OH-HR-022.000-TAR-4	7.14	Harrison, OH	Temp	Existing	Asphalt	445	15	0.15
OH-HR-029.000-PAR-2	10.08	Harrison, OH	Perm	Existing	Rock	895	25	0.51
				New	AG	93	20	0.04
OH-HR-035.000-TAR-5	12.32	Harrison, OH	Temp	Existing	Gravel	528	15	0.18
OH-HR-042.545-TAR-6	14.93	Harrison, OH	Temp	Existing	Gravel	582	15	0.2
OH-HR-042.570-TAR-7	15.81	Harrison, OH	Temp	New	OP	107	10	0.02
Burgettstown Lateral								
PA-WA-HL-042.500-TAR-2N	1.4	Washington, PA	Temp	Existing	Gravel	1,446	15	0.5
PA-WA-003.000-TAR-2	4.72	Washington, PA	Temp	Existing	Gravel	894	10	0.21
WV-HA-009.000-PAR-2	12.56	Hancock, WV	Perm	New	OP	216	20	0.1
OH-JE-008.521-TAR-4N	16.24	Jefferson, OH	Temp	Existing	Dirt	563	10	0.13
OH-JE-011.000-PAR-3	17.99	Jefferson, OH	Perm	Existing	Gravel	827	10	0.19
OH-JE-012.000-TAR-6	18.14	Jefferson, OH	Temp	Existing	Dirt	343	15	0.12
OH-JE-017.000-TAR-7	18.91	Jefferson, OH	Temp	Existing	Gravel	1,539	15	0.53
OH-JE-052.000-TAR-9	24.76	Jefferson, OH	Temp	Existing	Dirt	2,663	10	0.61
OH-JE-079.000-TAR-10	29.53	Jefferson, OH	Temp	Existing	Asphalt	938	15	0.32
OH-JE-086.200-TAR-11	31.3	Jefferson, OH	Temp	Existing	Gravel	1,524	10	0.35

APPENDIX F (continued)

Permanent and Temporary Access Roads

Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
OH-JE-096.510-TAR-12	33.78	Jefferson, OH	Temp	Existing	Gravel	1,556	10	0.36
OH-JE-098.000-PAR-4	35.08	Jefferson, OH	Perm	Existing	Gravel	450	25	0.26
OH-CA-010.000-TAR-14	36.82	Carroll, OH	Temp	Existing	Gravel	768	10	0.18
OH-CA-036.000-PAR-5N	43.18	Carroll, OH	Perm	Existing	Dirt	217	6	0.03
OH-CA-049.000-TAR-16	45.76	Carroll, OH	Temp	Existing	Gravel	1,136	35	0.91
OH-CA-083.000-TAR-17	50.71	Carroll, OH	Temp	Existing	Gravel	371	8	0.07
Mainlines A and B								
OH-CA-001.000-PAR-3 <u>e</u>	18.92	Carroll, OH	Perm	New	AG	293	20	0.13
OH-CA-022.000-TAR-8	22.38	Carroll, OH	Temp	Existing	Gravel	733	15	0.25
OH-TU-027.000-TAR-11	32.29	Tuscarawas, OH	Temp	Existing	Gravel	1734	15	0.6
OH-TU-039.530-PAR-4	36.82	Tuscarawas, OH	Perm	New	AG	238	20	0.11
OH-ST-007.000-TAR-10	39.25	Stark, OH	Temp	Existing	Asphalt	629	15	0.22
OH-ST-018.000-TAR-7	42.56	Stark, OH	Temp	New	AG/OP	375	10	0.09
OH-ST-045.000-PAR-5	49.96	Stark, OH	Perm	New	AG	248	20	0.11
OH-WA-037.000-PAR-6	61.19	Wayne, OH	Perm	Existing	Dirt	145	15	0.05
				New	OP	236	20	0.11
OH-WA-083.0000 PAR 7	73.96	Wayne, OH	Perm	New	AG	252	20	0.12
OH-WA-099.000-PAR-8	77.37	Wayne, OH	Perm	New	AG	388	20	0.18
OH-AS-040.000-PAR-9	90.92	Ashland, OH	Perm	New	AG	278	20	0.13
OH-AS-043.000-TAR-12	91.65	Ashland, OH	Temp	New	AG	589	10	0.14
OH-RI-024.000-PAR-10	102.1	Richland, OH	Perm	New	AG	242	20	0.11
OH-CR-015.000-PAR-11	118.3	Crawford, OH	Perm	New	AG	245	20	0.11
OH-CR-044.000-TAR-13	125.95	Crawford, OH	Temp	New	AG	1,257	10	0.29
OH-CR-054.000-PAR-12	128.26	Crawford, OH	Perm	New	AG	242	20	0.11
OH-SE-057.000-PAR-13	144.31	Seneca, OH	Perm	New	AG	235	20	0.11
OH-HA-012.000-PAR-14	157.56	Hancock, OH	Perm	New	AG	244	20	0.11

APPENDIX F (continued)								
Permanent and Temporary Access Roads								
Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
OH-WO-055.000-PAR-15	174.16	Wood, OH	Perm	New	AG	255	20	0.12
OH-HE-024.000-PAR-16	189.78	Henry, OH	Perm	New	AG	268	20	0.12
OH-DE-004.000-PAR-17	202.07	Defiance, OH	Perm	New	AG	229	20	0.11
OH-DE-032.000-PAR-18	208.92	Defiance, OH	Perm	Existing	Rock	77	20	0.04
				New	AG/OP	250	20	0.11
OH-DE-035.000-PAR-19	209.14	Defiance, OH	Perm	New	AG	322	20	0.15
Market Segment								
OH-FU-022.000-PAR-1	17.16	Fulton, OH	Perm	New	AG	241	20	0.11
MI-LE-018.000-PAR-2	30.64	Lenawee, MI	Perm	New	AG	109	20	0.05
MI-LE-029.000-TAR-32	33.57	Lenawee, MI	Temp	Existing	Dirt	2,394	20	1.1
MI-LE-047.000-TAR-3	38.02	Lenawee, MI	Temp	Existing	Dirt	1,231	10	0.28
MI-LE-096.500-TAR-34	47.65	Lenawee, MI	Temp	Existing	Gravel	3,344	20	1.54
MI-LE-100.000-PAR-3	48.95	Lenawee, MI	Perm	New	AG	110	20	0.05
MI-LE-123.000-TAR-5	54.38	Lenawee, MI	Temp	Existing	Dirt	1,184	20	0.54
MI-WA-014.000-PAR-4	58.85	Washtenaw, MI	Perm	New	OP/FO	109	20	0.05
MI-WA-032.000-TAR-26	62.9	Washtenaw, MI	Temp	Existing	Gravel	1,082	12	0.3
MI-WA-052.000-TAR-7	66.73	Washtenaw, MI	Temp	Existing	Dirt	1,749	30	1.2
MI-WA-054.000-TAR-8	67.21	Washtenaw, MI	Temp	Existing	Dirt	451	17	0.18
MI-WA-056.000-TAR-8	67.47	Washtenaw, MI	Temp	Existing	Dirt	513	20	0.24
MI-WA-056.000-PAR-5	67.93	Washtenaw, MI	Perm	New	AG	202	75	0.35
MI-WA-090.500-TAR-27	74.73	Washtenaw, MI	Temp	Existing	Gravel	2,409	30	1.66
MI-WA-091.500 PAR-008	75.06	Washtenaw, MI	Perm	Existing	Gravel	1,938	20	0.89
MI-WA-108.000-PAR-6	81.3	Washtenaw, MI	Perm	New	AG	156	20	0.07
MI-LI-001.000-TAR-23	84.52	Livingston, MI	Temp	Existing	Dirt	956	20	0.44
MI-LI-022.520-PAR-7	87.87	Livingston, MI	Perm	New	FO/OP	2,077	20	0.95
MI-LI-024.510-TAR-28	88.52	Livingston, MI	Temp	Existing	Asphalt	1,328	20	0.61

APPENDIX F (continued)

Permanent and Temporary Access Roads

Pipeline Segment / Access Road ID <u>a</u>	MP	County, State	Temp / Perm	Existing / New	Existing Surface/ Land Type <u>b</u>	Length(ft)	Estimated Width (ft) <u>c</u>	Estimated Acres
MI-LI-025.000-TAR-12	89.15	Livingston, MI	Temp	Existing	Gravel	409	10	0.09
MI-LI-035.560-TAR-37	91.55	Livingston, MI	Temp	Existing	Dirt	2,419	12	0.67
MI-LI-073.501-TAR-30	96.17	Livingston, MI	Temp	Existing	Dirt	695	30	0.48
MI-LI-082.000-TAR-31	98.82	Livingston, MI	Temp	Existing	Dirt	221	30	0.15
<i>Sub-Total: Market Segment</i>						<i>27,265 (5.16 miles)</i>		<i>12.89</i>
Total						457,918 (86.73 miles)		129.36
<u>a</u>	PAR = Permanent Access Road ; TAR = Temporary Access Road.							
<u>b</u>	OP = Open, FO = Forest; AG = Agriculture.							
<u>c</u>	Where the estimated width is greater than 20 feet for the Permanent Access Roads (e.g., 75 or 100 feet), the additional width will be used for the installation of electric powerlines.							
<u>d</u>	Rover identified this access road as a permanent access road in table 1A-4 filed on June 10, 2015, however the access road was labeled as temporary on the alignment sheets filed on July 6, 2015. See our recommendation in section 4.8.1.5.							
<u>e</u>	The access road was identified in table 1A-4 filed on June 10, 2015, however the access road was not depicted on the alignment sheets filed on July 6, 2015. See our recommendation in section 4.8.1.5.							

