

Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000
Supplemental Materials – October 2016 Proposed Route
Submitted October 13, 2016

Attachment B

Minor Route Variations And Deviations Incorporated Into The October 2016 Proposed Route

October 2015 Proposed Route		October 2016 Proposed Route		Type of Change	Description of Change	New Landowners Affected
MP Start	MP End	MP Start	MP End			
0.02	0.13	0.02	0.13	Remove point of inflection	Updated route post survey access	0
2.3	2.42	2.3	2.4	Shift Southeast up to 142 feet	Routed to improve stream crossing angle	0
3.27	3.69	3.25	3.67	Shift West up to 325 feet	Reduction in side hill construction, foregin pipeline encorachment and avoidance of a sensitive area	0
3.69	3.87	3.67	3.79	Shift Southwest up to 343 feet	Updated route post survey access	0
4.98	5	4.88	4.92	Remove point of inflection	Aligned for better road bore	0
11.21	11.32	11.13	11.23	Shift North up to 25 feet	Slight shift to avoid sanitary system	0
20.6	20.77	20.51	20.69	Shift Southwest up to 81 feet	Avoidance of an environmentally sensitive area	0
20.91	21.04	20.83	20.95	Shift Southwest up to 96 feet	Updated route post survey access	0
21.18	21.36	21.09	21.26	Shift East up to 24 feet	Updated route post survey access	0
21.36	21.38	21.26	21.28	Shift Southwest up to 32 feet	Updated route post survey access	0
21.38	21.61	21.28	21.51	Shift South up to 38.4 feet	Updated route post survey access	0
24.68	24.88	24.58	24.73	Shift Southeast up to 348 feet	Landowner requested route shift	0
25.93	26.01	25.77	25.86	Add point of inflection	Accommodate construction under route 50 and Antero Facility	0
26.31	27.79	26.16	27.64	Shift South up to 13 feet	Updated route post survey access	0
34.83	34.93	34.67	34.7	Remove point of inflection	Aligned better for open cut of road and shift away from stream channel	0
35.17	35.32	35.02	35.16	Remove point of inflection	Shift to avoid existing pipeline	0
39.94	40.04	39.78	39.88	Add point of inflection	Shift to avoid existing pipeline	0
45.57	45.69	45.42	45.54	Remove point of inflection	Updated route post survey access	0
46.38	46.65	46.23	46.53	Shift East up to 520 feet	Avoidance of drainage features, steep slope, construction and accomodates foregin pipeline crossings	0
46.81	46.88	46.69	46.76	Shift Northwest up to 27 feet	Landowner requested route shift	0
62.17	62.35	62.05	62.24	Shift West up to 55 feet	Avoidance of wetland feature	0
66.94	67.11	66.8	66.98	Shift West up to 94 feet	Shift parallel section away from Weston Gauley Trail Turnpike	0
69.63	69.73	69.51	69.62	Move point of inflection	Avoidance of streams and side hill construction	0
69.73	70.44	69.62	70.32	Move point of inflection	Updated route post survey access	0
70.92	71.08	70.79	70.84	Remove point of inflection	Aligned better for open cut of road	0
71.08	71.14	70.84	71.02	Add point of inflection	Updated route post survey access and aligned better for open cut of road	0
71.4	71.69	71.28	71.56	Add point of inflection	Updated route post survey access	0
71.69	71.84	71.56	71.7	Move point of inflection	Aligned for open cut of road and reduction in stream impacts	0
74.96	74.98	74.82	74.87	Move point of inflection	Avoidance of an environmentally sensitive area	0
74.98	75.02	75.87	76.47	Shift West up to 80 feet	Shift to avoid existing pipeline	0
77.47	77.61	77.31	77.51	Shift South up to 250 feet	Adjustment to accommodate Harris Compressor Station	0
77.61	77.63	77.49	77.51	Add point of inflection	Avoidance of an environmentally sensitive area	0
79.24	79.35	79.12	79.25	Shift East up to 100 feet	Avoidance of an environmentally sensitive area	0
81.02	81.18	80.92	81.1	Shift West up to 235 feet	Avoidance of an environmentally sensitive area	0
101.22	102.51	101.13	102.69	Shift East up to 2400 feet	Avoidance of permitted strip mine	1
104.72	104.8	104.9	104.98	Shift North up to 75 feet	Aligned better for bore of road	0
104.8	104.95	104.98	105.27	Shift South up to 275 feet	Landowner requested route shift	0
104.95	105.07	105.27	106.15	Shift North up to 50 feet	Avoidance of construction on steep slopes	0
107.56	107.62	107.76	107.82	Remove point of inflection	Updated route post survey access	0
107.62	107.68	107.82	107.88	Remove point of inflection	Updated route post survey access	0
107.68	107.8	107.88	108	Remove point of inflection	Updated route post survey access	0
108.28	108.37	108.48	108.57	Remove point of inflection	Updated route post survey access	0
108.37	108.41	108.57	108.61	Remove point of inflection	Updated route post survey access	0
108.41	108.46	108.61	108.66	Remove point of inflection	Updated route post survey access	0
109.76	109.89	109.96	110.11	Shift North up to 195 feet	Avoidance of an environmentally sensitive area and wetland impact	1
111.25	112.49	111.48	112.83	Shift South up to 2100 feet	Landowner requested route shift	0
113.72	113.95	114.05	114.39	Move point of inflection	Landowner requested route shift	0
114.29	114.42	114.63	114.76	Shift East up to 58 feet	Landowner requested route shift	0

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MP Start	MP End	MP Start	MP End			
115.07	115.36	115.41	115.67	Shift West up to 155 feet	Updated route post survey access	0
122.09	122.27	122.41	122.59	Shift North up to 115 feet	Shift away from parallel stream	0
130.63	130.8	130.95	131.12	Remove point of inflection	Landowner requested route shift	0
131.97	132.03	132.28	132.35	Move point of inflection	Avoidance of an environmentally sensitive area	0
137.72	137.82	138.04	138.14	Add point of inflection	Avoidance of an environmentally sensitive area	0
140.12	104.8	140.43	140.6	Shift East up to 125 feet	Avoidance of an environmentally sensitive area	0
144.03	145.76	144.36	146.07	Move point of inflection	Updated route post survey access	0
153.46	153.73	153.7	153.82	Move West up to 50 feet	Updated route post survey access	0
154.13	154.28	154.43	154.59	Move point of inflection	Adjustment to accommodate Stallworth Compressor Station	0
154.43	154.8	154.74	155.13	Move West up to 330 feet	Avoidance of an environmentally sensitive area	0
154.99	155.55	155.32	155.91	Move East up to 370 feet	Updated route post survey access	0
155.55	155.58	155.91	155.93	Remove point of inflection	Landowner requested route shift	0
155.58	155.66	155.93	156.02	Move point of inflection	Updated route post survey access	0
155.66	156.2	156.02	156.61	Move East up to 250 feet	Landowner requested route shift	0
157.17	157.28	157.58	157.68	Move point of inflection	Updated route post survey access	0
157.3	157.95	157.7	158.35	Move point of inflection	Updated route post survey access	0
158.1	158.47	158.49	158.89	Move point of inflection	Updated route post survey access	0
160.76	161.22	161.15	161.61	Move point of inflection	Updated route post survey access	0
167.13	167.55	167.51	167.98	Shift West up to 365 feet	Landowner requested route shift	0
169.47	170.28	169.9	171.09	Shift East up to 3000 feet	Avoidance of an environmentally sensitive area and landowner request	2
170.47	171.02	171.29	171.88	Shift West up to 300 feet	Avoidance of an environmentally sensitive area	0
173.85	173.91	174.72	174.78	Add point of inflection	Updated route post survey access	0
175.14	175.52	176	176.37	Shift West up to 150 feet	Landowner requested route shift	0
177.45	178.05	178.31	178.9	Move point of inflection	Updated route post survey access	0
178.05	178.27	178.9	179.14	Shift North up to 250 feet	Landowner requested route shift	0
178.27	178.89	179.14	179.76	Move point of inflection	Updated route post survey access	0
180.23	180.37	181.09	181.25	Shift East up to 175 feet	Shifted to reduce stream impact	0
184.77	184.89	185.66	185.79	Shift South up to 140 feet	Updated route post survey access	0
184.95	185.15	185.84	186.05	Move point of inflection	Updated route post survey access	0
185.9	186.46	186.79	187.35	Shift West up to 150 feet	Updated route post survey access	0
188.56	189.37	189.45	190.31	Shift East up to 1000 feet	Constructability to avoid sideslope construction	1
192.48	193.13	193.42	194.07	Move point of inflection	Updated route post survey access	0
195.37	196.93	196.31	196.83	Shift South up to 500 feet	Route revisions requested by the United States Forest Service (previously filed)	0
198.02	198.48	198.93	199.41	Shift North up to 300 feet	Updated route post survey access	0
198.84	198.91	199.77	199.83	Move point of inflection	Updated route post survey access	0
203.83	204.02	204.75	205.08	Shift North up to 650 feet	Avoidance of a cave	0
204.92	205.06	205.98	206.13	Remove point of inflection	Updated route post survey access	0
206.98	207.21	208.04	208.27	Move South up to 250 feet	Updated route post survey access and improvement of constructability around the powerline	0
208.14	210.07	209.2	211.32	Shift North up to 1200 feet	Landowner requested route shift	1
210.1	211.28	211.35	212.52	Move point of inflection	Avoidance of a cave, covered bridge, and environmentally sensitive area	0
211.28	211.85	212.52	213.09	Move South up to 250 feet	Mayapple School Reroute	0
211.85	212.16	213.09	213.39	Move point of inflection	Landowner requested route shift	0
212.16	212.2	213.39	213.43	Move point of inflection	Updated route post survey access	0
212.82	213.44	214.04	214.66	Move point of inflection	Updated route post survey access	0
213.44	214.27	214.66	215.58	Move North up to 1300 feet	Canoe Cave Reroute	0
214.27	214.99	215.58	216.31	Move point of inflection	Updated route post survey access	0
214.99	215.5	216.31	216.8	Move South up to 200 feet	Updated route post survey access	0
215.5	215.66	216.8	216.97	Move East up to 160 feet	Avoidance of a sink hole	0

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215.66	215.77	216.97	217.1	Move North up to 90 feet	Avoidance of a sink hole	0
215.77	215.93	217.1	217.27	Move approximately 200 feet	Updated route post survey access	0
215.93	216.03	217.27	217.37	Move point of inflection	Modification to decrease stream impact	0
216.03	217.27	217.37	218.63	Move South up to 130 feet	Updated route post survey access	0
218.02	218.87	219.38	220.16	Move point of inflection	Route revisions requested by the United States Forest Service (previously filed)	0
218.87	219.94	220.16	221.22	Move point of inflection	Updated route post survey access	0
219.94	225.57	221.22	227.21	Move North up to 8800 feet	Mount Tabor Reroute	10
226.8	227.83	228.45	229.48	Move point of inflection	Updated route post survey access	0
229.01	229.38	230.66	231.03	Move south up to 250 feet	Modification to improve constructability across the stream, road, and railroad	1
229.38	230.9	231.03	232.56	Move point of inflection	Updated route post survey access	0
230.9	231.24	232.56	232.89	Move South up to 900 feet	Landowner requested route shift	0
231.44	232.57	233	234.21	Move point of inflection	Updated route post survey access	0
233.11	233.95	234.75	236.95	Move East up to 1200 feet	Updated route post survey access	1
234.13	234.97	235.9	236.95	Move West up to 1950 feet	Landowner requested route shift	1
234.97	235.34	236.95	237.33	Move point of inflection	Landowner requested route shift	0
235.62	236.36	237.62	238.37	Move point of inflection	Updated route post survey access	0
241.55	241.64	243.56	243.66	Move point of inflection	Updated route post survey access	0
242.36	242.6	244.38	244.69	Move West by 290 feet	Landowner requested route shift	0
242.6	243.16	244.69	245.28	Move point of inflection	Updated route post survey access	0
243.98	244.46	246.09	246.57	Move up to 250 feet	Landowner requested route shift	0
246.77	247.49	248.88	249.93	Move North up to 1300 feet	Avoidance of an environmentally sensitive area	0
247.49	248.27	249.93	250.72	Move point of inflection	Updated route post survey access	0
248.83	249.2	251.28	251.65	Move point of inflection	Updated route post survey access	0
249.25	249.66	251.69	252.17	Shift West up to 290 feet	Avoidance of an environmentally sensitive area	0
249.66	250.07	252.17	252.58	Move point of inflection	Updated route post survey access	0
251.1	253.47	253.62	255.98	Move point of inflection	Updated route post survey access	0
253.47	253.63	255.98	256.15	Move South up to 125 feet	Landowner requested route shift and a reduction in stream impacts	0
256.05	256.37	258.56	258.91	Move North up to 135 feet	Modification to move away from a parallel stream	0
257.63	257.83	260.17	260.38	Move point of inflection	Updated route post survey access	0
258.55	258.83	261.09	261.39	Move point of inflection	Landowner requested route shift	0
260.09	260.54	262.65	263.11	Move point of inflection	Updated route post survey access	0
260.54	261.59	263.11	264.27	Move West up to 440 feet	Landowner requested route shift	0
261.59	264.98	264.27	267.75	Move North up to 9900 feet	Blackwater River Reroute	24
264.98	265.9	267.75	268.76	Move South up to 1500 feet	Sunshine Valley School Reroute	2
270.25	270.59	273.11	273.46	Move South up to 160 feet	Avoidance of an environmentally sensitive area	0
274.59	274.68	277.45	277.55	Add point of inflection	Updated route post survey access	0
292.73	292.96	295.59	295.87	Shift South up to 325 feet	Landowner requested route shift	0
294.8	295.01	297.7	297.92	Shift East up to 170 feet	Landowner requested route shift	0
295.53	296	298.44	298.87	Shift East up to 400 feet	Landowner requested route shift	0
300	300.97	302.86	303.47	Shift North up to 1100 feet	Landowner requested route shift and avoidance of streams, wetlands and other environmentally sensitive areas	0
						45