

Appendix C

Additional Temporary Workspaces

**Guardian Pipeline Expansion and Extension Project
Additional Temporary Work Spaces**

Milepost	Reason for Workspace	No. of Work-spaces	Dimensions (ft.) Length x Width	Land Affected During Construction
20-inch-pipeline Jefferson County				
0.4	Gopher Hill Road	2	100x175	0.8
0.6	Unnamed Stream	2	50x250	0.6
2.1	County Highway CW	1	100x175	0.4
		5		1.8
Dodge County				
2.1	County Highway CW	1	100x175	0.4
2.4	Wetland	1	50x200	0.2
3.1	Morningside Road	2	100x175	0.8
4.1	County Highway O	1	100x275	0.6
4.1	County Highway O	1	100x175	0.4
5.1	Thrush Road	2	100x175	0.8
5.4	Trib to Bake Creek	1	50x250	0.3
5.4	Trib to Bake Creek	1	50x150	0.2
5.5	Bluebird Road	2	100x175	0.8
6.2	Smith Road & Union Pacific Railroad	2	100x175	0.8
6.2	Equipment Turnaround Area	1	100x200	0.5
6.6	Cty Hwy MM & Trib to Baker Cr	2	100x175	0.8
6.9	Trib to Baker Cr	2	50x250	0.6
7.6	Baker Creek	2	50x250	0.6
7.9	Davidson Road	2	100x175	0.8
8.5	Poplar Grove Road	2	100x175	0.8
8.6	Poplar Grove Road & Unnamed Stream	1	100x175	0.4
8.6	Poplar Grove Road & Unnamed Stream	1	100x200	0.5
9.2	Riverview & Pieper Roads	2	100x175	0.8
9.7	Fox River HDD Exit	1	25x300	0.2
9.7	Fox River HDD Exit	1	65x300	0.4
10.2	Fox River HDD Entry	1	130x250	0.7
10.6	Pike Road	2	100x175	0.8
11.0	Trib to Rubicon River	2	50x250	0.6
11.2	Pike Road	1	100x300	0.7
11.3	Pike Road/Cty HWY EE	1	100x300	0.7
11.3	Cty Hwy EE	1	100x175	0.4
11.6	Wetland	1	50x200	0.2
12.2	Wetland	1	50x200	0.2
12.3	Rubicon River	1	50x250	0.3
12.3	Rubicon River	1	100x250	0.6
12.3	Rubicon River	1	50x125	0.1
12.3	Rubicon River	1	125x160	0.5
12.4	State Hwy 60	1	100x175	0.4
12.4	State Hwy 60	1	50x200	0.2
12.7	Lehman Road	2	100x175	0.8
13.3	Oaklawn Road	2	100x175	0.8
13.6	Unnamed Ditch	2	50x200	0.5
14.5	Garfield Road	1	80x175	0.3
14.5	Garfield Road	1	100x175	0.4
15.2	Unnamed Stream	2	50x250	0.6
15.5	State Hwy 67	2	100x175	0.8
16.1	Woodland Creek	2	50x250	0.6
16.2	Triple lift soil handling	1	25x422	0.2

**Guardian Pipeline Expansion and Extension Project
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Milepost	Reason for Workspace	No. of Work-spaces	Dimensions (ft.) Length x Width	Land Affected During Construction
16.3	Triple lift soil handling	1	25x475	0.3
16.9	W & S Railroad & Cty Hwy WS	1	50x200	0.3
16.9	W & S Railroad & Cty Hwy WS	2	100x175	0.8
17.4	Wetland	2	50x200	0.5
17.7	Wetland	2	50x200	0.5
17.9	Westfalls Creek & Cty Hwy AY	2	100x175	0.8
18.1	Wildcat Creek	2	50x250	0.6
18.8	Lentz Creek	2	50x250	0.6
19.0	W Iowa Road	2	100x175	0.8
19.2	Trib to Lentz Creek	2	50x250	0.6
20.0	Rock Road	2	100x175	0.8
21.0	State Hwy 33	2	100x175	0.8
22.0	Cty Hwy AY	2	100x175	0.8
22.2	Unnamed Stream	2	50x250	0.6
22.7	Unnamed Ditch	2	50x250	0.6
23.3	Zion Church Road	2	100x175	0.8
23.6	Trib to East Branch Rock River	2	50x250	0.6
23.8	Wetland	1	50x200	0.2
23.8	Racoon Road	2	100x175	0.8
24.4	Allen Road	2	100x175	0.8
25.3	Mc Arthur Road	1	100x175	0.4
25.4	East Branch Rock River	1	50x335	0.4
25.4	East Branch Rock River	1	50x300	0.3
25.4	East Branch Rock River	1	100x250	0.6
25.4	East Branch Rock River	1	100x300	0.7
26.2	Trib to East Branch Rock River	1	50x250	0.3
26.3	Cty Hwy AY	2	100x175	0.8
26.4	State Hwy 28 & 67	2	100x175	0.8
27.5	Unnamed Stream	2	50x250	0.6
27.9	Cty Hwy TW	2	100x175	0.8
28.3	N Bluemound Road	2	100x175	0.8
28.4	Elm Drive	2	100x175	0.8
29.4	N Bluemound Road	2	100x175	0.8
30.0	Cty Hwy AY	2	100x175	0.8
31.4	Cty Hwy H	2	100x175	0.8
32.3	Kummel Creek	2	50x250	0.6
32.3	Kummel Creek	1	100x250	0.6
32.6	Cty Hwy HH	2	100x175	0.8
33.1	Center Drive	2	100x175	0.8
33.9	State Hwy 49	2	100x175	0.8
34.7	Center Drive	2	100x175	0.8
		134		49.8
Fond du Lac County				
35.6	State Hwy 175	2	100x175	0.8
35.9	Cty Hwy Y & Wisconsin Central LTD	2	100x175	0.8
35.9	Cty Hwy Y & Wisconsin Central LTD	2	50x250	0.6
36.1	Equipment Turnaround Area	1	100x200	0.5
36.2	US Hwy 41	2	100x175	0.8
37.3	Kelly Road	2	100x175	0.8
37.8	West Branch Milwaukee River	1	50x155	0.2
37.8	West Branch Milwaukee River	1	50x300	0.3
37.8	West Branch Milwaukee River	1	100x300	0.7
38.8	Cty Hwy F	2	100x175	0.8
39.0	Cty Hwy K	2	100x175	0.8

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Milepost	Reason for Workspace	No. of Work-spaces	Dimensions (ft.) Length x Width	Land Affected During Construction
40.3	Unnamed Ditch	1	50x250	0.3
40.3	Unnamed Ditch	1	50x350	0.4
40.4	Unnamed Ditch	1	50x350	0.4
40.4	Wetland	1	50x200	0.2
41.2	Cty Hwy B	2	100x175	0.8
41.5	Unnamed Ditch	2	50x550	0.6
41.7	Cty Hwy V	1	100x175	0.4
41.7	Cty Hwy V	1	100x300	0.7
41.8	Wetland	1	50x200	0.2
41.9	Equipment Turnaround Area	1	100x200	0.5
42.0	FVW Railroad	2	100x175	0.8
42.1	Equipment Turnaround Area	1	100x200	0.5
42.2	Triple Lift Soil Handling	1	25x580	0.3
42.2	Triple Lift Soil Handling	1	25x475	0.3
42.3	Cty Hwy UU	2	100x175	0.8
42.4	Unnamed Stream	1	50x140	0.2
42.4	Unnamed Stream	1	50x250	0.3
42.6	Unnamed Stream	2	50x250	0.6
42.6	Triple Lift Soil Handling	1	25x370	0.2
42.7	US Hwy 45	2	100x175	0.8
43.4	Birch Road	2	100x175	0.8
44.4	Cty Hwy H	2	100x175	0.8
44.7	Cty Hwy UU	2	100x175	0.8
45.8	Cty Hwy T	2	100x175	0.8
46.2	Wetland	1	50x425	0.5
46.2	Wetland	1	50x200	0.2
46.7	Taycheedah Creek	2	50x250	0.6
47.1	Artesian Road	2	100x175	0.8
47.2	Taycheedah Creek	2	50x250	0.6
48.1	State Hwy 23	2	100x175	0.8
48.6	Golf Course Drive	2	100x175	0.8
49.5	Wetland	2	50x200	0.5
49.8	Cody Road	2	100x175	0.8
50.7	Ledge Road	2	100x175	0.8
50.7	Ledge Road	1	50x250	0.3
50.7	Ledge/Tower Road	1	50x310	0.4
50.7	Tower Road	1	100x175	0.4
50.7	Tower Road	1	50x250	0.3
51.4	Sheboygan River	2	50x250	0.6
51.8	State Hwy 149	2	100x175	0.8
52.8	Unnamed Ditch	2	50x250	0.6
52.9	Konen Road	2	100x175	0.8
53.5	Silica Road	2	100x175	0.8
54.6	Cty Hwy W	2	100x175	0.8
55.3	Cty Hwy Q	2	100x175	0.8
55.9	Cypress Road(Gravel)	2	100x175	0.8
56.4	Triple Lift Soil Handling	1	25x475	0.3
56.4	Calmar Road & Manitowoc River	2	100x175	0.8
56.4	Calmar Road & Manitowoc River	1	50x90	0.1
56.4	Calmar Road & Manitowoc River	1	50x250	0.3
56.9	Unnamed Stream	2	50x250	0.6
57.4	Kiel Road	2	100x175	0.8
57.5	Trib to Pipe Creek	2	50x250	0.6
57.7	Pipe Creek	2	50x250	0.6

**Guardian Pipeline Expansion and Extension Project
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Milepost	Reason for Workspace	No. of Work-spaces	Dimensions (ft.) Length x Width	Land Affected During Construction
58.4	Cty Hwy HH	2	100x175	0.8
58.5	Unnamed Ditch	2	50x250	0.6
58.7	Unnamed Ditch	1	50x250	0.3
58.7	Unnamed Ditches	1	50x400	0.5
58.8	Unnamed Ditch	1	50x250	0.3
59.0	Unnamed Ditch	2	50x250	0.6
59.4	County Hwy HHH	1	100x175	0.4
		113		41.0
Calumet County				
59.6	Unnamed Ditch	1	50x250	0.3
59.7	Unnamed Ditch	2	50x250	0.6
60.2	Banner Road	2	100x175	0.8
60.3	Pond	1	50x190	0.2
60.3	Pond	1	50x250	0.3
60.5	Wetland/Trees	1	50x200	0.2
60.7	Unnamed Ditch	2	50x250	0.6
60.9	Dick Road	2	100x175	0.8
61.1	Cty Hwy C	2	100x175	0.8
62.1	Wetland	2	50x250	0.6
62.4	Cty Hwy H	2	100x175	0.8
63.3	Stone Road	2	100x175	0.8
63.9	W Jefferson Road	2	100x175	0.8
64.5	N Townhall Road	2	100x175	0.8
64.7	Wetland	2	50x200	0.5
64.9	US Hwy 151	2	100x175	0.8
65.0	Unnamed Ditch	1	50x250	0.3
65.4	Stony Brook Road	2	100x175	0.8
66.4	Quinney Road	2	100x175	0.8
66.8	Stony Brook Spring Creek	2	50x250	0.6
66.8	Wetland	2	50x200	0.5
67.0	Court Road	2	100x175	0.8
67.5	Cty Hwy F	2	100x175	0.8
68.0	Wetland	2	50x200	0.5
68.4	Wetland	2	50x200	0.5
69.1	Hickory Hills Road	2	100x175	0.8
69.4	Wetland	2	50x200	0.5
69.8	Wetland	2	50x200	0.5
70.1	Cty Hwy E	2	100x175	0.8
71.0	Killsnake River	1	50x250	0.3
71.0	Killsnake River	1	50x140	0.2
71.1	Killsnake Road	2	100x175	0.8
72.0	Barn	1	50x250	0.3
72.1	Unnamed Ditch	1	50x250	0.3
72.1	Custer Road	1	90x150	0.3
72.1	Custer Road	1	100x175	0.4
73.4	Fargo Springs Road	2	100x175	0.8
73.8	Wetland	2	50x200	0.5
74.7	Unnamed Ditch & State Hwy 114	2	100x175	0.8
75.4	Unnamed Ditch	2	50x250	0.6
75.7	Crosstown Road	2	100x175	0.8
76.1	Unnamed Ditch	2	50x250	0.6
76.7	Cty Hwy B	1	100x175	0.4
76.7	Cty Hwy B	1	100x260	0.6
76.8	Wetland	1	50x100	0.1

**Guardian Pipeline Expansion and Extension Project
Additional Temporary Work Spaces**

Milepost	Reason for Workspace	No. of Work-spaces	Dimensions (ft.) Length x Width	Land Affected During Construction
76.8	Wisconsin Central LTD Railroad	1	100x175	0.4
76.8	Wetland	1	50x200	0.2
76.9	Equipment Turnaround Area	1	100x200	0.5
77.2	Wetland	2	50x200	0.5
77.6	North Branch Manitowoc River	2	50x250	0.6
77.9	Trib to North Branch Manitowoc Rive	2	50x250	0.6
78.6	Wetland	2	50x200	0.5
78.9	Cty Hwy BB	2	100x175	0.8
79.8	Unnamed Ditch	2	50x250	0.6
80.1	ANR Pipeline Crossing	2	50x200	0.6
80.1	US Hwy 10	2	100x175	0.8
80.4	Wetland	2	50x200	0.5
80.7	Wetland	2	50x200	0.5
81.1	Schmidt Road	2	100x175	0.8
81.6	Dundas Road	2	100x175	0.8
81.8	Wetland	2	50x200	0.5
82.1	Cty Hwy KK	1	100x175	0.4
		106		35.3
Outagamie County				
82.1	Cty Hwy KK	1	100x175	0.4
82.4	Induction Road	1	25X400	0.2
		2		0.6
20-inch pipeline				
Brown County				
82.7	Induction Bend	1	25x400	0.2
82.9	Cty Hwy CE	2	100x175	0.8
83.1	Unnamed Ditch	2	50x250	0.6
84.0	Induction Bend	1	25x400	0.2
84.2	Crestview Road	2	100x175	0.8
84.8	Cty Hwy D & Cty Hwy Z	2	100x175	0.8
85.1	Unnamed Ditch	2	50x250	0.6
85.4	Plumb Creek	2	75x100	0.3
86.1	Lamers Clancy Road	2	100x175	0.8
86.4	Shanty Road	2	100x175	0.8
87.2	Mill Road	2	100x175	0.8
87.4	Unnamed Ditch	2	50x250	0.6
88.3	St Hwy 96	2	100x175	0.8
88.5	East River Tributary	2	50x250	0.6
88.9	Fair Road	2	100x100	0.5
89.1	East River Tributary	2	50x250	0.6
89.8	Mallard Road	2	100x175	0.8
89.9	Fox River Tributary	2	50x250	0.6
90.3	Meadowlark Road	2	100x175	0.8
90.5	Fox River Tributary	2	50x250	0.6
90.9	Denmark Meter Station	1	100x200	0.5
91.2	Fox River HDD	2	200x250	2.3
91.2	Fox River Stringing Corridor	1	50x2000	2.3
91.2	Equipment Turnaround	1	100x200	0.5
91.6	Apple Creek Road	2	100x175	0.8
91.7	Fox River Tributary	2	50x250	0.6
92.1	Fox River Valley Railroad (FRVR)	2	100x175	0.8
92.4	Field Bend	1	25x400	0.2
92.5	Field Bend	1	25x400	0.2

**Guardian Pipeline Expansion and Extension Project
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92.6	Golden Glow Road	2	100x175	0.8
93.0	Field Bend	1	25x400	0.2
93.1	Ashwaubenon Creek Tributary	2	50x250	0.6
93.8	French Road/US HWY 41/Mid Valley Drive	1	100x200	0.5
93.8	French Road/US HWY 41/Mid Valley Drive	1	100x175	0.4
93.8	French Road/US HWY 41/Mid Valley Drive	1	60x75	0.1
93.9	Cty Hwy F (William Grants Drive)	1	100x175	0.4
94.1	Field Bend	1	25x400	0.2
94.6	Field Bend	1	25x400	0.2
95.3	Cty Line Rd/Cty Hwy U	1	100x175	0.2
95.3	Cty Line Rd/Cty Hwy U	1	100x150	0.3
95.4	South Branch Ashwaubenon Creek	1	50x250	0.3
Brown County Total		65		25.0
Outagamie County, Wisconsin				
97.5	Trib to S. Branch Ashwaubenon Creek	1	110x50	0.1
97.5	County Line Road	1	175x100	0.4
97.6	Trib to S. Branch Ashwaubenon Creek	1	250x50	0.3
97.7	Trib to S. Branch Ashwaubenon Creek	2	250x50	0.6
97.9	County Hwy S	2	175x100	0.8
98.1	Trib to S. Branch Ashwaubenon Creek	2	250x50	0.6
98.2	Induction Bend	1	400x25	0.2
98.4	Unnamed Ditch	1	250x50	0.3
98.5	Unnamed Ditch	1	235x50	0.3
98.7	County Hwy S	1	175x100	0.4
98.7	County Hwy S	1	360x100	0.8
98.8	McCabe Road	1	175x100	0.4
99.6	North Branch Ashwaubenon Creek	2	250x50	0.6
99.9	Section Line Road	2	175x100	0.8
100.2	Trib to Dutchman Creek	2	250x50	0.6
100.5	Trib to Dutchman Creek	1	250x50	0.3
100.7	Trib to Dutchman Creek	2	250x50	0.6
101.0	County Hwy J	2	175x100	0.8
101.8	County Hwy E	2	175x100	0.8
102.1	Duck Creek	2	250x50	0.6
102.4	Trib to Duck Creek	2	250x50	0.6
102.6	Trib to Duck Creek	2	250x50	0.6
102.9	Trib to Duck Creek	2	250x50	0.6
103.2	County Hwy J	2	175x100	0.8
103.7	Trib to Duck Creek	2	250x50	0.6
104.4	Trib to Duck Creek	1	250x50	0.3
104.5	Trib to Duck Creek	1	175x50	0.2
104.5	Vine Road	2	175x100	0.8
104.9	Sievert Road	2	175x100	0.8
105.2	Trib to Duck Creek	2	250x50	0.6
105.4	Trib to Duck Creek	2	250x50	0.6
105.6	County Hwy C	2	175x100	0.8
106.1	Trib to Duck Creek	2	250x50	0.6
106.4	Trib to Duck Creek	2	250x50	0.6
106.5	Induction Bend	1	350x25	0.2
106.6	County Hwy EE	2	175x100	0.8
106.9	Wetland	1	200x50	0.2
107.4	Wetland	1	200x50	0.2
107.7	County Hwy C	2	175x100	0.8
107.7	Unnamed Ditch	2	250x50	0.6

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108.9	Unnamed Ditch	2	250x50	0.6
109.1	Unnamed Ditch	2	250x50	0.6
110.1	Culbertson & Ranch Roads	2	175x100	0.8
111.3	State Hwy 54-55	2	175x100	0.8
111.8	Railroad	2	175x100	0.8
112.0	Unnamed Ditch	2	250X50	0.6
112.5	Pearl Street	2	175x100	0.8
113.0	Unnamed Ditch	2	250x50	0.6
113.1	Isaar Road/Unnamed Stream	2	175x100	0.8
113.5	County Hwy G	2	175x100	0.8
113.9	Unnamed Ditch	1	250x50	0.3
114.0	Unnamed Ditch	1	316x52	0.4
114.0	Unnamed Ditch	1	250x52	0.3
114.4	County Hwy Y	2	175x100	0.8
114.8	Unnamed Stream	1	250x50	0.3
115.0	Unnamed Stream	1	250x50	0.3
115.1	Linsmeyer Road	2	175x100	0.8
116.3	County Hwy Y	1	175x100	0.4
116.3	County Hwy Y	1	30x290	0.2
116.4	County Hwy Y	1	200x50	0.2
116.4	County Hwy Y	1	175x100	0.4
117.0	S Branch Suamico River	2	250x50	0.6
117.4	West Green Bay Meter Station ATWS	1	365x25	0.2
Outagamie County Total		101		34.0
12-inch Denmark Lateral				
Brown County				
0.4	Partridge Road	2	100x175	0.8
1.2	Tetzlaff Road	2	100x175	0.8
1.4	Mainline Valve	1	105x100	0.2
1.4	Equipment Turnaround/Loading	1	100x200	0.5
Brown County Total		6		2.3
20-inch Southwest Green Bay Lateral				
Brown County				
1.0	Hickory Road	2	100x175	0.8
1.5	Little Rapids Road	2	100x175	0.8
1.6	Equipment Loading	1	100x100	0.2
1.8	Mainline Valve	1	105x100	0.2
1.8	Equipment Turnaround	1	100x200	0.5
Brown County Total		7		2.5
Project Total		535		191.7
Note: Some numbers may seem incorrect due to rounding.				

