



Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024	
							O	J	A	J	O	J	A	J	O	J	A
20	Team PWP Review and Comment	10d	11/21/2019	12/6/2019		19	20										
21	Branch Manager QC Review	10d	11/21/2019	12/6/2019		19	21										
22	PWP Comment Resolution Meeting	1d	12/9/2019	12/9/2019		20, 21	22										
23	Prepare and Submit PWP Final Draft to Division	3d	12/10/2019	12/12/2019		22	23										
24	Division Manager QA Review	15d	12/13/2019	1/6/2020		23	24										
25	Update PWP and Submit PRC Request	3d	1/7/2020	1/9/2020		24	25										
26	Prepare PRC Agenda Package	1d	1/10/2020	1/10/2020		25	26										
27	Review PRC Package	3d	1/13/2020	1/15/2020		26	27										
28	Present at PRC	1d	1/16/2020	1/16/2020 *		27	28										
29	Onboard Consultant (DELETE IF IN-HOUSE)	63d	1/17/2020	4/16/2020			29										
30	Advertise for Design Consultant (Delete if On-Call)	63d	1/17/2020	4/16/2020			30										
31	Prepare Design Consultant Advertisement	10d	1/17/2020	1/31/2020		28	31										
32	Design Consultant Advertisement	25d	1/31/2020	3/6/2020		31	32										
33	Review Bids & Select Design Consultant	20d	3/6/2020	4/2/2020		32	33										
34	Award Bid & Issue NTP	10d	4/3/2020	4/16/2020		33	34										
35	On-board On-Call Design Consultant (Delete if Advertising)	43d	1/17/2020	3/19/2020			35										
36	Select Consultant	5d	1/17/2020	1/24/2020		28	36										



Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024	
							O	J	A	J	O	J	A	J	O	J	A
37	Negotiate Consultant Scope and Fee	30d	1/24/2020	3/6/2020		36											
38	Issue Consultant NTP	10d	3/6/2020	3/19/2020		37											
39	Progress Meetings	22d	5/1/2020	6/2/2020													
40	Kickoff Meeting	1d	5/1/2020	5/1/2020		28 10d, 38 10d, 34 10d											
41	Site Visit	1d	5/18/2020	5/18/2020		40 10d											
42	Progress Meeting(s)	1d	6/2/2020	6/2/2020		40 20d											
43	Final Design Phase	811d	1/17/2020	3/31/2023													
44	Pre-60% Data Acquisition	215d	1/17/2020	11/20/2020													
45	Supplemental Survey	54d	1/17/2020	4/3/2020													
46	Submit Supplemental Survey Request	1d	1/17/2020	1/17/2020		28											
47	Perform, Deliver and Archive Supplemental Survey	20d	3/9/2020	4/3/2020		46 35d											
48	Public Involvement	21d	5/4/2020	6/2/2020													
49	Coordinate with RED	10d	5/4/2020	5/15/2020		40											
50	Produce Draft Communications Plan	10d	5/4/2020	5/15/2020		40											
51	Schedule Public Involvement Event	10d	5/18/2020	6/1/2020		50											
52	Public Involvement Event	1d	6/2/2020	6/2/2020		49, 51											
53	IGA Coordination	90d	5/4/2020	9/9/2020		40											
54	ROW Verification	65d	5/4/2020	8/4/2020													



Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024	
							O	J	A	J	O	J	A	J	O	J	A
55	Initiate Open & Declare	40d	5/4/2020	6/29/2020		40			55								
56	Provide Updated Title Reports	45d	5/4/2020	7/7/2020		40			56								
57	Research & Evaluate Prior Rights Claims	10d	7/8/2020	7/21/2020		56			57								
58	Submit Contact Letters to Property Owners	10d	7/22/2020	8/4/2020		57			58								
59	Environmental Preliminary Activities	90d	5/4/2020	9/9/2020					59								
60	Perform Environmental Studies	20d	5/4/2020	6/1/2020		40			60								
61	Produce Draft Environmental Technical	20d	6/2/2020	6/29/2020		60			61								
62	Environmental Technical Report Stakeholder Review	30d	6/30/2020	8/11/2020		61			62								
63	Prepare and Submit Draft Environmental Document	20d	8/12/2020	9/9/2020		62			63								
64	Final Drainage Report	50d	5/4/2020	7/14/2020					64								
65	Prepare and Submit Final Drainage Report	40d	5/4/2020	6/29/2020		40			65								
66	MCDOT Review - Final Drainage Report	10d	6/30/2020	7/14/2020		65			66								
67	Geotechnical Verification	110d	5/4/2020	10/7/2020					67								
68	Draft Geotechnical Investigation Plan	20d	5/4/2020	6/1/2020		40			68								
69	Provide Environmental Clearance for Geotechnical Field Work	20d	6/2/2020	6/29/2020		68			69								
70	Provide Right of Entry for Geotechnical Field Work	60d	6/2/2020	8/25/2020		68			70								



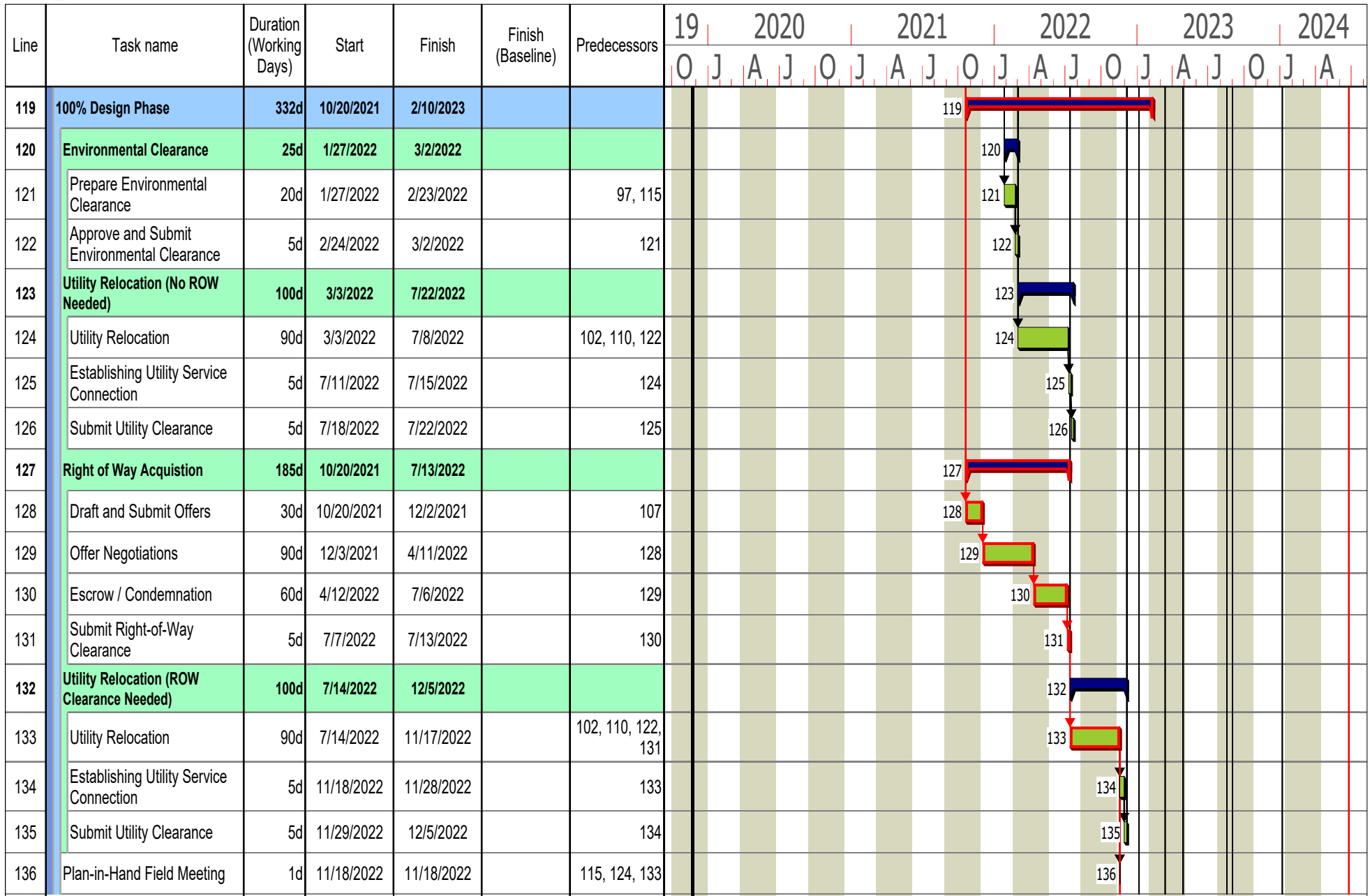
Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024	
							O	J	A	J	O	J	A	J	O	J	A
71	Perform Geotechnical Field Work	20d	8/26/2020	9/23/2020		69, 70											
72	Draft & Submit Geotechnical Design Analysis	10d	9/24/2020	10/7/2020		71											
73	Utility Verification	141d	5/4/2020	11/20/2020													
74	Submit Supplemental Utility Notification Letter and Prior Rights Request	5d	5/4/2020	5/8/2020		40											
75	Prepare and Submit Utility Pothole List	5d	5/4/2020	5/8/2020		40											
76	Provide Environmental Clearance for Utility Field Work	20d	5/11/2020	6/8/2020		75											
77	Provide Right of Entry for Utility Field Work	60d	5/11/2020	8/4/2020		75											
78	Perform Utility Field Work	20d	8/5/2020	9/1/2020		76, 77											
79	Update Utility Base File	15d	9/2/2020	9/23/2020		78											
80	Initial Utility Coordination Meeting	1d	9/24/2020	9/24/2020		79											
81	Preliminary Utility Relocation Designs and Estimates	40d	9/25/2020	11/20/2020		74, 80											
82	60% Design Phase	74d	10/16/2020	2/4/2021													
83	60 % PS&E	74d	10/16/2020	2/4/2021													
84	60% Plans, Specification and Estimate Development	40d	10/16/2020	12/15/2020		40, 47, 63 FF 15d, 66, 72, 79, 81 FF 15d											
85	60% Submittal	5d	12/15/2020	12/21/2020		53, 52, 55, 84											
86	MCDOT Review - 60% Submittal	15d	12/22/2020	1/13/2021		85											



Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024	
							O	J	A	J	O	J	A	J	O	J	A
87	MCDOT Constructability Review - 60% Submittal	15d	12/22/2020	1/13/2021		85											
88	Designer Review of Comments and Submit Responses - 60% Submittal	10d	1/14/2021	1/28/2021		64, 47, 86, 87											
89	Comment Resolution Meeting - 60% Submittal	1d	1/28/2021	1/28/2021		88											
90	Draft and Submit Final Summary of Comments - 60% Submittal	5d	1/29/2021	2/4/2021		89											
91	95% Design Phase	286d	12/22/2020	2/8/2022													
92	Sealed Drainage Report	10d	12/22/2020	1/6/2021		66, 85											
93	Environmental Document	65d	12/22/2020	3/25/2021													
94	Prepare & Submit Draft Noise Report	20d	12/22/2020	1/21/2021		85											
95	Update Draft Environmental Document	20d	1/21/2021	2/17/2021		85, 94											
96	Review Draft Environmental Document and Confirm Mitigation Measures	25d	2/18/2021	3/24/2021		95											
97	Submit Final Environmental Document	1d	3/25/2021	3/25/2021		96											
98	Utility Plans	60d	12/22/2020	3/18/2021													
99	Provide Plans to Utility Companies	10d	12/22/2020	1/6/2021		85											
100	Develop Utility Plan Sheets	40d	1/7/2021	3/4/2021		99											
101	Utility Plan Sheets Submitted	1d	3/4/2021	3/4/2021		100											
102	MCDOT Review - Utility Plan Sheets	10d	3/5/2021	3/18/2021		100, 101											



Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024
							O	J	A	J	O	J	A	J	O	J
103	Right-of-Way Appraisal	180d	2/5/2021	10/19/2021						103						
104	Complete Open & Declare Resolution	20d	2/5/2021	3/4/2021		58, 90				104						
105	Legal Descriptions	60d	2/5/2021	4/29/2021		56, 90				105						
106	Appraisal(s)	90d	4/30/2021	9/7/2021		104, 105				106						
107	Appraisal Review	30d	9/8/2021	10/19/2021		106				107						
108	95% PS&E	67d	10/20/2021	1/26/2022						108						
109	95% Plans, Specifications and Estimate	40d	10/20/2021	12/16/2021		92, 90, 102, 107				109						
110	Submit 95% PS&E	1d	12/17/2021	12/17/2021		97, 109				110						
111	MCDOT Review - 95% Submittal	10d	12/20/2021	1/4/2022		110				111						
112	MCDOT Constructability Cursory Review	15d	12/20/2021	1/11/2022		110				112						
113	Designer Review of Comments and Submit Responses - 95% Submittal	10d	1/5/2022	1/18/2022		111, 112 -5d				113						
114	Comment Resolution Meeting - 95% Submittal	1d	1/19/2022	1/19/2022		113				114						
115	Draft and Submit Final Summary of Comments - 95% Submittal	5d	1/20/2022	1/26/2022		114				115						
116	IGA Signed	5d	1/27/2022	2/2/2022		115				116						
117	Submit BOS Bid Solicitation	5d	12/20/2021	12/27/2021		85, 102, 110, 107				117						
118	BOS Bid Solicitation Approval	30d	12/28/2021	2/8/2022		117				118						





Line	Task name	Duration (Working Days)	Start	Finish	Finish (Baseline)	Predecessors	19	2020		2021		2022		2023		2024		
							O	J	A	J	O	J	A	J	O	J	A	J
152	Construction Advertisement (Delete if JOC)	61d	4/3/2023	6/27/2023														
153	Prepare Construction Advertisement Package	10d	4/3/2023	4/14/2023		149												
154	Publish Advertisement	10d	4/17/2023	4/28/2023		151, 153												
155	Preparation of Pre-Bid Addenda	10d	5/1/2023	5/12/2023		154												
156	Pre-Bid Conference	1d	5/22/2023	5/22/2023		155 5d												
157	Bid Opening	20d	5/23/2023	6/20/2023		156												
158	Bid Review	5d	6/21/2023	6/27/2023		157												
159	Construction Bid Award	1d	8/3/2023	8/3/2023		157 30d												
160	Hand-off Meeting with Construction	1d	8/18/2023	8/18/2023		159 10d												
161	Construction Phase	95d	8/21/2023	1/6/2024														
162	Pre-Construction Conference	5d	8/21/2023	8/25/2023		160, 158												
163	Construction Start	5d	8/28/2023	9/1/2023		162												
164	Construction Contract Time (Duration in Calendar Days)	127d	9/2/2023	1/6/2024		163												
165	Project Closeout Phase	120d	1/8/2024	6/24/2024														
166	Project Closeout Tasks Completed and Project Number Closed	120d	1/8/2024	6/24/2024		164												

Symbols

Milestone
 Critical
 Finish On