

MHA ADA & ARENA STORAGE Project Bid Schedule

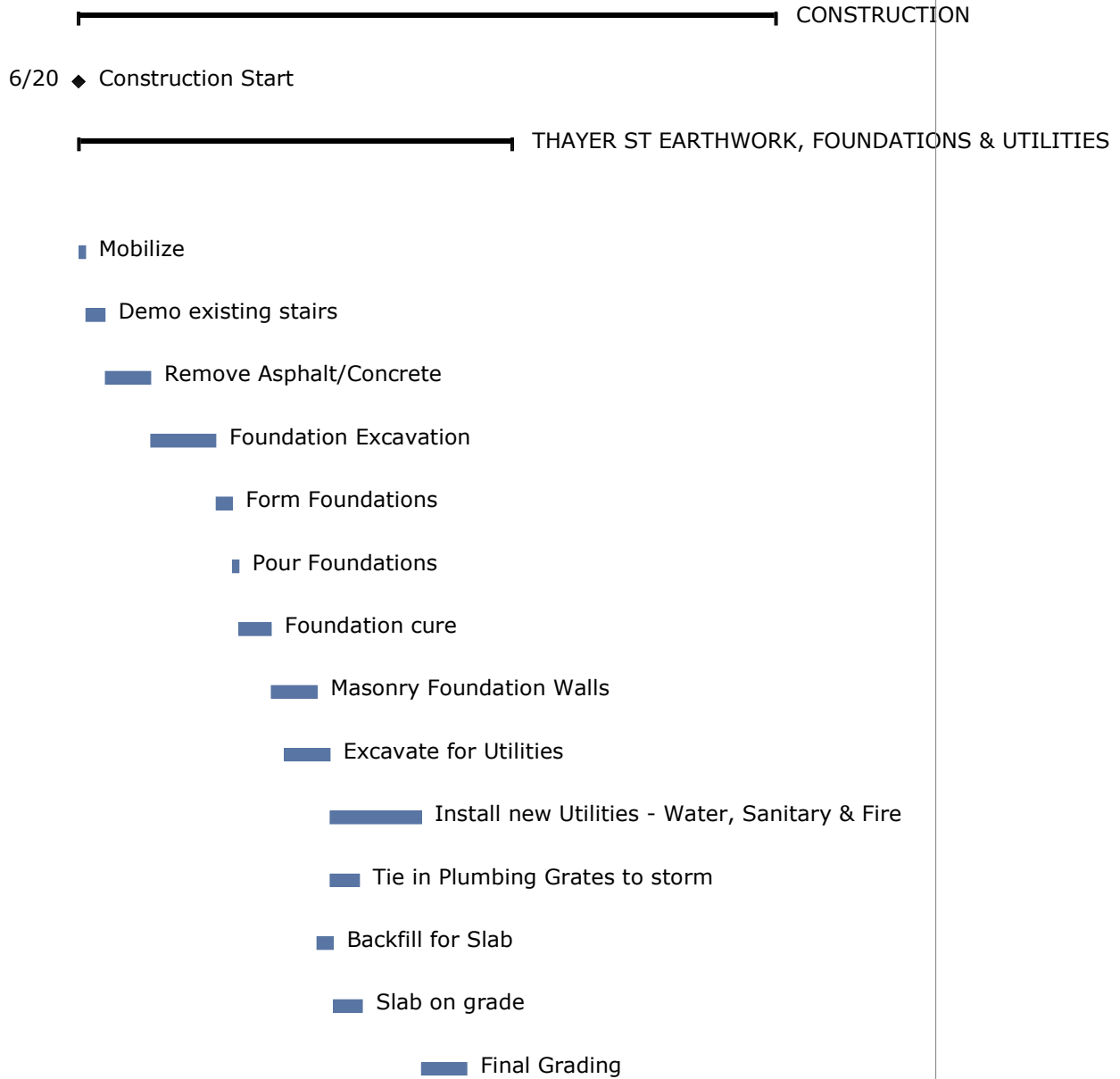
ID	Task Name	Duration	% Complete	Start	Finish	2022							2023						
						May	June	July	August	September	October	November	December	Jan	2022	2023	2024	2025	2026
1	BID SCHEDULE	20.5 days	0%	Mon 5/23/22	Mon 6/20/22	BID SCHEDULE													
2	Bid Period	2 wks	0%	Mon 5/23/22	Fri 6/3/22	■ Bid Period													
3	Pre Bid Site Walk	1 day	0%	Wed 5/25/22	Wed 5/25/22	■ Pre Bid Site Walk													
4	2nd Site walk	1 day	0%	Tue 5/31/22	Tue 5/31/22	■ 2nd Site walk													
5	Last day to Submit for Clarifications	1 day	0%	Tue 5/31/22	Tue 5/31/22	■ Last day to Submit for Clarifications													
6	Bid Day	0 days	0%	Fri 6/3/22	Fri 6/3/22	6/3 ◆ Bid Day													
7	Post Bid Interviews	2 days	0%	Mon 6/6/22	Tue 6/7/22	■ Post Bid Interviews													
8	Muskegon Commisioners Final Approval	1 day	0%	Tue 6/14/22	Tue 6/14/22	■ Muskegon Commisioners Final Approval													
9	Notice to Proceed to Subcontractors	1 day	0%	Wed 6/15/22	Wed 6/15/22	■ Notice to Proceed to Subcontractors													
10	Subcontract Issuance	0.5 wks	0%	Thu 6/16/22	Mon 6/20/22	■ Subcontract Issuance													
11	SUBMITTALS & PROCUREMENT	95 days	0%	Thu 6/16/22	Sat 10/29/22	SUBMITTALS & PROCUREMENT													
12	Shop Drawings	10 days	0%	Thu 6/16/22	Wed 6/29/22	▬ Shop Drawings													
13	Concrete Reinforcing	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Concrete Reinforcing													
14	Precast Concrete	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Precast Concrete													
15	Masonry	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Masonry													
16	Steel	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Steel													
17	Roofing	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Roofing													
18	Overhead Doors	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Overhead Doors													
19	Glass & Aluminum	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Glass & Aluminum													
20	Fire Protection	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Fire Protection													
21	Plumbing	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Plumbing													
22	Mechanical	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Mechanical													
23	Electrical	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Electrical													
24	Earthwork & Utilities	2 wks	0%	Thu 6/16/22	Wed 6/29/22	■ Earthwork & Utilities													

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ID	Task Name	Duration	% Comple	Start	Finish	May 2022					June 2022					July 2022					August 2022					September 2022					October 2022					November 2022					December 2022					Jan		
						7	12	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26	31	5	10	15	20	25	30	4	9	14	19	24	29	4	9	14	19	24	29	3	8	13	18		23	28
25	Misc. Material Submittals	2 wks	0%	Thu 6/16/22	Wed 6/29/22																																											
26	Material Lead Times	60 days	0%	Thu 6/30/22	Fri 9/23/22																																											
27	Concrete Geo Foam	3 wks	0%	Thu 6/30/22	Thu 7/21/22																																											
28	Precast Concrete	6 wks	0%	Thu 6/30/22	Thu 8/11/22																																											
29	Masonry	2 wks	0%	Thu 6/30/22	Thu 7/14/22																																											
30	Steel	6 wks	0%	Thu 6/30/22	Thu 8/11/22																																											
31	Roofing	6 wks	0%	Thu 6/30/22	Thu 8/11/22																																											
32	Overhead Doors	8 wks	0%	Thu 6/30/22	Thu 8/25/22																																											
33	Glass & Aluminum	12 wks	0%	Thu 6/30/22	Fri 9/23/22																																											
34	Fire Protection	2 wks	0%	Thu 6/30/22	Thu 7/14/22																																											
35	Plumbing	4 wks	0%	Thu 6/30/22	Thu 7/28/22																																											
36	Mechanical	4 wks	0%	Thu 6/30/22	Thu 7/28/22																																											
37	Electrical	4 wks	0%	Thu 6/30/22	Thu 7/28/22																																											
38	Utilities	4 wks	0%	Thu 6/30/22	Thu 7/28/22																																											
39	Hold Window & Exterior Dimensions	0 days	0%	Thu 6/30/22	Thu 6/30/22	<p>6/30 ♦ Hold Window & Exterior Dimensions</p>																																										
40	City Events / Celebrations	93 days	0%	Mon 6/20/22	Sat 10/29/22																																											
41	Arena Ice Removal	0 days	0%	Mon 6/20/22	Mon 6/20/22	<p>6/20 ♦ Arena Ice Removal</p>																																										
42	Lakeshore Arts Festival	2 days	0%	Sat 6/25/22	Sun 6/26/22																																											
43	Fireworks	0 days	0%	Sat 7/2/22	Sat 7/2/22	<p>7/2 ♦ Fireworks</p>																																										
44	W MI Bus and Craft Fair	0 days	0%	Sat 7/9/22	Sat 7/9/22	<p>7/9 ♦ W MI Bus and Craft Fair</p>																																										
45	Rebel Road	5 days	0%	Wed 7/13/22	Sun 7/17/22																																											
46	Street Performers	0 days	0%	Thu 7/21/22	Thu 7/21/22	<p>7/21 ♦ Street Performers</p>																																										
47	Jazz Concert	0 days	0%	Fri 8/5/22	Fri 8/5/22	<p>8/5 ♦ Jazz Concert</p>																																										
48	Touch the Trucks	0 days	0%	Fri 8/12/22	Fri 8/12/22	<p>8/12 ♦ Touch the Trucks</p>																																										

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ID	Task Name	Duration	% Complete	Start	Finish	2022														
						May	June	July	August	September	October	November	December	Jan						
49	Street Performers	0 days	0%	Thu 8/18/22	Thu 8/18/22				8/18											
50	Consumption Event	0 days	0%	Sat 8/20/22	Sat 8/20/22				8/20											
51	Arena Ice goes back in	0 days	0%	Sun 8/21/22	Sun 8/21/22				8/21											
52	Labor Day Parade	0 days	0%	Mon 9/5/22	Mon 9/5/22				9/5											
53	Halloween Bash	0 days	0%	Sat 10/15/22	Sat 10/15/22															10/15
54	Trunk or Treat	0 days	0%	Sat 10/29/22	Sat 10/29/22															10/29
55	CONSTRUCTION	75 days	0%	Mon 6/20/22	Wed 10/5/22															
56	Construction Start	0 days	0%	Mon 6/20/22	Mon 6/20/22				6/20											
57	THAYER ST EARTHWORK, FOUNDATIONS & UTILITIES	47.5 days	0%	Mon 6/20/22	Thu 8/25/22															
58	Mobilize	1 day	0%	Mon 6/20/22	Tue 6/21/22															
59	Demo existing stairs	3 days	0%	Tue 6/21/22	Fri 6/24/22															
60	Remove Asphalt/Concrete	1 wk	0%	Fri 6/24/22	Fri 7/1/22															
61	Foundation Excavation	1 wk	0%	Fri 7/1/22	Mon 7/11/22															
62	Form Foundations	0.5 wks	0%	Mon 7/11/22	Wed 7/13/22															
63	Pour Foundations	1 day	0%	Thu 7/14/22	Thu 7/14/22															
64	Foundation cure	3 days	0%	Fri 7/15/22	Tue 7/19/22															
65	Masonry Foundation Walls	1 wk	0%	Wed 7/20/22	Tue 7/26/22															
66	Excavate for Utilities	1 wk	0%	Fri 7/22/22	Thu 7/28/22															
67	Install new Utilities - Water, Sanitary & Fire	2 wks	0%	Fri 7/29/22	Thu 8/11/22															
68	Tie in Plumbing Grates to storm	0.5 wks	0%	Fri 7/29/22	Tue 8/2/22															
69	Backfill for Slab	0.5 wks	0%	Wed 7/27/22	Fri 7/29/22															
70	Slab on grade	0.5 wks	0%	Fri 7/29/22	Tue 8/2/22															
71	Final Grading	1 wk	0%	Fri 8/12/22	Thu 8/18/22															










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						7	12	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26	31	5	10	15	20	25	30	4	9	14	19	24	29	4	9	14	19	24	29	3	8	13	18	23	28	3
72	Paving	5 days	0%	Fri 8/19/22	Thu 8/25/22																																											
73	Site Complete	0 days	0%	Thu 8/25/22	Thu 8/25/22																																											
74	STORAGE FACILITY & ALLEY	52 days	0%	Fri 7/15/22	Tue 9/27/22																																											
75	Alley	15 days	0%	Fri 7/15/22	Thu 8/4/22																																											
76	Water Proof - Fluid Applied	3 days	0%	Fri 7/15/22	Tue 7/19/22																																											
77	Geo Foam Install	5 days	0%	Fri 7/22/22	Thu 7/28/22																																											
78	Plumbing Storm rough in	3 days	0%	Fri 7/29/22	Tue 8/2/22																																											
79	Site Concrete (sidewalks) Pour	2 days	0%	Wed 8/3/22	Thu 8/4/22																																											
80	Storage	35 days	0%	Wed 7/27/22	Wed 9/14/22																																											
81	Masonry	2 wks	0%	Wed 7/27/22	Tue 8/9/22																																											
82	Precast Plank and Stair Install	3 days	0%	Fri 8/12/22	Tue 8/16/22																																											
83	Concrete Slab on Plank	3 days	0%	Wed 8/17/22	Fri 8/19/22																																											
84	Masonry Infill	3 days	0%	Mon 8/22/22	Wed 8/24/22																																											
85	Steel Handrails	5 days	0%	Mon 8/22/22	Fri 8/26/22																																											
86	LIFE SAFETY EGRESS ACHIEVED	0 days	0%	Fri 8/26/22	Fri 8/26/22																																											
87	Steel Canopy Install	1 wk	0%	Mon 8/22/22	Fri 8/26/22																																											
88	Roof Install	1 wk	0%	Mon 8/29/22	Fri 9/2/22																																											
89	Garage Door	1 day	0%	Fri 8/26/22	Fri 8/26/22																																											
90	MEP Wall & Ceiling Rough-In	1 wk	0%	Mon 8/29/22	Fri 9/2/22																																											
91	Rough-In Inspections	0 days	0%	Fri 9/2/22	Fri 9/2/22																																											
92	Paint - Prime & First Coat	3 days	0%	Mon 8/29/22	Wed 8/31/22																																											
93	MEP Finish & Trims	1 wk	0%	Tue 9/6/22	Mon 9/12/22																																											
94	Final Paint	2 days	0%	Tue 9/13/22	Wed 9/14/22																																											
95	Interior Punch & Complete	0 days	0%	Wed 9/14/22	Wed 9/14/22																																											

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						7	12	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26	31	5	10	15	20	25	30	4	9	14	19	24	29	4	9	14	19	24	29	3	8	13	18	23	28	3
96	Final Inspections & Testing	0 days	0%	Wed 9/14/22	Wed 9/14/22					9/14	◆ Final Inspections & Testing																																					
97	Storage & Alley Complete	0 days	0%	Wed 9/14/22	Wed 9/14/22					9/14	◆ Storage & Alley Complete																																					
98	CIO HALL	42 days	0%	Fri 7/29/22	Tue 9/27/22						CIO HALL																																					
99	MEP Rough-In	1 wk	0%	Fri 7/29/22	Thu 8/4/22						MEP Rough-In																																					
100	Rough-In Inspections	0 days	0%	Thu 8/4/22	Thu 8/4/22					8/4	◆ Rough-In Inspections																																					
101	MEP Finish & Trims	1 wk	0%	Fri 8/5/22	Thu 8/11/22						MEP Finish & Trims																																					
102	Replace Windows	2 days	0%	Mon 9/26/22	Tue 9/27/22						Replace Windows																																					
103	Interior Punch & Complete	0 days	0%	Tue 9/27/22	Tue 9/27/22						9/27 ◆ Interior Punch & Complete																																					
104	Final Inspections & Testing	0 days	0%	Tue 9/27/22	Tue 9/27/22						9/27 ◆ Final Inspections & Testing																																					
105	CIO Completion	0 days	0%	Tue 9/27/22	Tue 9/27/22						9/27 ◆ CIO Completion																																					
106	RESTROOM MODIFICATIONS	75 days	0%	Mon 6/20/22	Wed 10/5/22						RESTROOM MODIFICATIONS																																					
107	Demo Interior Restrooms	0.5 wks	0%	Mon 6/20/22	Wed 6/22/22						Demo Interior Restrooms																																					
108	Frame Interior Walls	1 wk	0%	Thu 6/23/22	Wed 6/29/22						Frame Interior Walls																																					
109	MEP Wall & Ceiling Rough-In	1 wk	0%	Thu 6/30/22	Thu 7/7/22						MEP Wall & Ceiling Rough-In																																					
110	Masonry/Drywall - Hang & Finish	2 wks	0%	Fri 7/8/22	Thu 7/21/22						Masonry/Drywall - Hang & Finish																																					
111	Paint - Prime & First Coat	0.5 wks	0%	Fri 7/22/22	Tue 7/26/22						Paint - Prime & First Coat																																					
112	MEP Finish & Trims	1 wk	0%	Tue 7/26/22	Tue 8/2/22						MEP Finish & Trims																																					
113	Final Paint	1 wk	0%	Tue 8/2/22	Tue 8/9/22						Final Paint																																					
114	Flooring	0.5 wks	0%	Tue 8/9/22	Thu 8/11/22						Flooring																																					
115	Storefront & Door install	5 days	0%	Mon 9/26/22	Fri 9/30/22						Storefront & Door install																																					
116	Interior Punch & Complete	0.5 wks	0%	Mon 10/3/22	Wed 10/5/22						Interior Punch & Complete																																					
117	Final Inspections & Testing	0 wks	0%	Wed 10/5/22	Wed 10/5/22						10/5 ◆ Final Inspections & Testing																																					
118	Occupancy	0 days	0%	Wed 10/5/22	Wed 10/5/22						10/5 ◆ Occupancy																																					
119	Closeout	40 days	0%	Tue 8/30/22	Wed 10/26/22						Closeout																																					

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ID	Task Name	Duration	% Comple	Start	Finish	Gantt Chart (May 2022 - Jan 2023)																														
						May 2022	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	December 2022	Jan 2023																						
120	Owner Training Sessions	1 wk	0%	Tue 8/30/22	Wed 9/7/22																															
121	Formal Punchlist Development	0 wks	0%	Wed 10/5/22	Wed 10/5/22																															
122	Punchlist Completion	1 wk	0%	Wed 10/5/22	Wed 10/12/22																															
123	Final Inspections & Testing	0 wks	0%	Wed 10/5/22	Wed 10/5/22																															
124	Achievement of Substantial Completion	0 days	0%	Wed 10/12/22	Wed 10/12/22																															
125	Project Occupancy	0 days	0%	Wed 10/12/22	Wed 10/12/22																															
126	Submission of Project Asbuilts & O&Ms	2 wks	0%	Wed 10/12/22	Wed 10/26/22																															
127	Project Completion	0 days	0%	Wed 10/26/22	Wed 10/26/22	