

CITIZEN GEN. CONTRACTORS INC.  
2081 East 57th Street  
Brooklyn, NY 11234

MNR: CONTRACT NO.: 130577  
**WHEEL STORAGE CANOPY EXPANSION**  
**DETAILED PROJECT SCHEDULE - CRITICAL PATH**

Prepared By: Citizen Construction Services  
Email: info@citizencs.com

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Crew Size	Budgeted Labor Units	19		Qtr 1, 2020				Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021					
								Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb						
A1000	Notice To Award (Contractual Date: 23rd December 2019)	0	23-Dec-19		0		0			◆ Notice To Award (Contractual Date: 23rd December 2019)																		
A3860	Prepare & Submit of Project Management Team	10	23-Dec-19	07-Jan-20	0		0			■ Prepare & Submit of Project Management Team																		
A4520	Prepare & Submit of Sub Contractors	10	23-Dec-19	07-Jan-20	0		0			■ Prepare & Submit of Sub Contractors																		
A3940	Review & Approval of Project management team	20	07-Jan-20	04-Feb-20	0		0			■ Review & Approval of Project management team																		
A4530	Review & Approval of Subcontractors	20	07-Jan-20	04-Feb-20	0		0			■ Review & Approval of Subcontractors																		
A1830	Prepare & Submit of Safe work plan	23	04-Feb-20	09-Mar-20	0		0			■ Prepare & Submit of Safe work plan																		
A3870	Prepare & Submit of Quality Work Plan	23	04-Feb-20	09-Mar-20	0		0			■ Prepare & Submit of Quality Work Plan																		
A1970	Review & Approval of Safe work plan	20	09-Mar-20	06-Apr-20	0		0			■ Review & Approval of Safe work plan																		
A3930	Review & Approval of Quality work plan	20	09-Mar-20	06-Apr-20	0		0			■ Review & Approval of Quality work plan																		
A5300	Mobilization	3	06-Apr-20	09-Apr-20	0	4	96			■ Mobilization																		
A5310	Install temporary silt fence	3	06-Apr-20	09-Apr-20	0	4	96			■ Install temporary silt fence																		
A5330	Install stabilized construction entrance & exit	3	06-Apr-20	09-Apr-20	0	4	96			■ Install stabilized construction entrance & exit																		
A5320	Install inlet protection	1	09-Apr-20	10-Apr-20	0	4	32			■ Install inlet protection																		
A5340	Install temporary power	1	09-Apr-20	10-Apr-20	0	4	32			■ Install temporary power																		
A5380	Remove existing fence (East Side of Existing Canopy)	1	10-Apr-20	11-Apr-20	0	4	32			■ Remove existing fence (East Side of Existing Canopy)																		
A5390	Remove existing trees & brush (East Side of Existing Canopy)	1	10-Apr-20	11-Apr-20	0	4	32			■ Remove existing trees & brush (East Side of Existing Canopy)																		
A5460	Remove existing metal wall panel (East Side of Existing Canopy)	2	11-Apr-20	13-Apr-20	0	4	64			■ Remove existing metal wall panel (East Side of Existing Canopy)																		
A5480	Excavate for foundation wall (East Side of Existing Canopy)	5	13-Apr-20	17-Apr-20	0	4	160			■ Excavate for foundation wall (East Side of Existing Canopy)																		
A5490	Formwork & rebar for foundation wall (East Side of Existing Canopy)	5	17-Apr-20	22-Apr-20	0	4	160			■ Formwork & rebar for foundation wall (East Side of Existing Canopy)																		
A6780	Hold point inspection of rebar for foundation wall (East Side of Existing Canopy)	5	17-Apr-20	22-Apr-20	0		0			■ Hold point inspection of rebar for foundation wall (East Side of Existing Canopy)																		
A5500	Pour concrete for foundation wall (East Side of Existing Canopy)	1	22-Apr-20	23-Apr-20	0	4	32			■ Pour concrete for foundation wall (East Side of Existing Canopy)																		
A6790	Hold point inspection of concrete for foundation wall (East Side of Existing Canopy)	1	22-Apr-20	23-Apr-20	0		0			■ Hold point inspection of concrete for foundation wall (East Side of Existing Canopy)																		
A5510	5 working day cure period for foundation wall (East Side of Existing Canopy)	5	23-Apr-20	28-Apr-20	0		0			■ 5 working day cure period for foundation wall (East Side of Existing Canopy)																		
A5520	Backfill (East Side of Existing Canopy)	2	28-Apr-20	30-Apr-20	0	4	64			■ Backfill (East Side of Existing Canopy)																		
A5530	Install crushed stone for concrete slab (East Side of Existing Canopy)	1	30-Apr-20	01-May-20	0	4	32			■ Install crushed stone for concrete slab (East Side of Existing Canopy)																		
A5540	Formwork & rebar for concrete slab (East Side of Existing Canopy)	4	01-May-20	04-May-20	0	4	128			■ Formwork & rebar for concrete slab (East Side of Existing Canopy)																		
A6800	Hold point inspection of rebar for concrete slab (East Side of Existing Canopy)	4	01-May-20	04-May-20	0		0			■ Hold point inspection of rebar for concrete slab (East Side of Existing Canopy)																		
A5560	Pour concrete for concrete slab (East Side of Existing Canopy)	1	04-May-20	05-May-20	0	4	32			■ Pour concrete for concrete slab (East Side of Existing Canopy)																		
A6810	Hold point inspection of concrete for concrete slab (East Side of Existing Canopy)	1	04-May-20	05-May-20	0		0			■ Hold point inspection of concrete for concrete slab (East Side of Existing Canopy)																		
A5580	5 working day cure period for concrete slab (East Side of Existing Canopy)	5	05-May-20	10-May-20	0		0			■ 5 working day cure period for concrete slab (East Side of Existing Canopy)																		
A5600	Formwork & rebar for concrete pedestal (East Side of Existing Canopy)	2	10-May-20	12-May-20	0	4	64			■ Formwork & rebar for concrete pedestal (East Side of Existing Canopy)																		
A6840	Hold point inspection of rebar for concrete pedestal (East Side of Existing Canopy)	2	10-May-20	12-May-20	0		0			■ Hold point inspection of rebar for concrete pedestal (East Side of Existing Canopy)																		
A5610	Pour concrete for concrete pedestal (East Side of Existing Canopy)	1	12-May-20	13-May-20	0	4	32			■ Pour concrete for concrete pedestal (East Side of Existing Canopy)																		
A6850	Hold point inspection for concrete pedestal (East Side of Existing Canopy)	1	12-May-20	13-May-20	0		0			■ Hold point inspection for concrete pedestal (East Side of Existing Canopy)																		

■ Actual Work  
■ Remaining Work  
■ Critical Remaining Work

◆ Milestone  
▼ Summary

Project Start: 23-Dec-19  
Project Finish: 22-Dec-20  
Project Data Date: 23-Dec-19  
Project Generated Date: 06-Mar-20

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Crew Size	Budgeted Labor Units	19	Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			
									Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
A5620	5 working day cure period for concrete pedestal (East Side of Existing Canopy)	5	13-May-20	17-May-20	0		0																	■ 5 working day cure period for concrete pedestal (East Side of Existing Canopy)
A5630	Install structural steel column (East Side of Existing Canopy)	5	17-May-20	22-May-20	0	4	160																	■ Install structural steel column (East Side of Existing Canopy)
A6860	Hold point inspection for structural steel column (East Side of Existing Canopy)	5	17-May-20	22-May-20	0		0																	■ Hold point inspection for structural steel column (East Side of Existing Canopy)
A5650	Install structural steel roof framing (East Side of Existing Canopy)	7	22-May-20	30-May-20	0	4	224																	■ Install structural steel roof framing (East Side of Existing Canopy)
A6870	Hold point inspection for structural steel roof framing (East Side of Existing Canopy)	7	22-May-20	30-May-20	0		0																	■ Hold point inspection for structural steel roof framing (East Side of Existing Canopy)
A5670	Install Prefinished RIB Roof panel (East Side of Existing Canopy)	6	30-May-20	04-Jun-20	0	4	192																	■ Install Prefinished RIB Roof panel (East Side of Existing Canopy)
A5680	Install Prefinished Metal Wall panel (East Side of Existing Canopy)	10	04-Jun-20	14-Jun-20	0	4	320																	■ Install Prefinished Metal Wall panel (East Side of Existing Canopy)
A5930	Install gravity vent (East Side of Existing Canopy)	2	04-Jun-20	06-Jun-20	0	4	64																	■ Install gravity vent (East Side of Existing Canopy)
A6030	Install flashing (East Side of Existing Canopy)	3	06-Jun-20	09-Jun-20	0	4	96																	■ Install flashing (East Side of Existing Canopy)
A5740	Install metal fascia at roof (East Side of Existing Canopy)	3	09-Jun-20	12-Jun-20	0	4	96																	■ Install metal fascia at roof (East Side of Existing Canopy)
A5920	Install snow guard at roof (East Side of Existing Canopy)	3	09-Jun-20	12-Jun-20	0	4	96																	■ Install snow guard at roof (East Side of Existing Canopy)
A5980	Install gutter (East Side of Existing Canopy)	3	12-Jun-20	15-Jun-20	0	4	96																	■ Install gutter (East Side of Existing Canopy)
A5940	Install louver (East Side of Existing Canopy)	4	14-Jun-20	18-Jun-20	0	4	128																	■ Install louver (East Side of Existing Canopy)
A6020	Install lighting arrestor air terminal (East Side of Existing Canopy)	3	15-Jun-20	18-Jun-20	0	4	96																	■ Install lighting arrestor air terminal (East Side of Existing Canopy)
A6050	Install handrail (East Side of Existing Canopy)	3	18-Jun-20	20-Jun-20	0	4	96																	■ Install handrail (East Side of Existing Canopy)
A5990	Install bird netting (East Side of Existing Canopy)	2	20-Jun-20	22-Jun-20	0	4	64																	■ Install bird netting (East Side of Existing Canopy)
A6760	MNR Inspection (East Side of Existing Canopy)	2	22-Jun-20	24-Jun-20	0		0																	■ MNR Inspection (East Side of Existing Canopy)
A6770	Punchlist Work (East Side of Existing Canopy)	2	24-Jun-20	26-Jun-20	0	4	64																	■ Punchlist Work (East Side of Existing Canopy)
A6090	Canopy Extension (East Side of existing canopy) Finish	0		26-Jun-20	0		0																	◆ Canopy Extension (East Side of existing canopy) Finish
A7000	Relocate stored materials at existing canopy by MNR (Existing canopy)	3	26-Jun-20	29-Jun-20	0	0	0																	■ Relocate stored materials at existing canopy by MNR (Existing canopy)
A7270	Existing Canopy Start	0	26-Jun-20		0		0																	◆ Existing Canopy Start
A7040	Remove lighting fixtures, switch & associated wiring (Existing canopy)	2	29-Jun-20	01-Jul-20	0	4	64																	■ Remove lighting fixtures, switch & associated wiring (Existing canopy)
A7030	Remove bird netting (Existing canopy)	1	01-Jul-20	02-Jul-20	0	4	32																	■ Remove bird netting (Existing canopy)
A7070	Remove existing metal wall panel (Existing canopy)	2	02-Jul-20	05-Jul-20	0	4	64																	■ Remove existing metal wall panel (Existing canopy)
A7260	Remove existing wall framing (Existing canopy)	2	02-Jul-20	05-Jul-20	0	4	64																	■ Remove existing wall framing (Existing canopy)
A7170	Formwork & rebar for concrete pedestal (Existing canopy)	2	05-Jul-20	07-Jul-20	0	4	64																	■ Formwork & rebar for concrete pedestal (Existing canopy)
A7180	Hold point inspection of rebar for concrete pedestal (Existing canopy)	2	05-Jul-20	07-Jul-20	0		0																	■ Hold point inspection of rebar for concrete pedestal (Existing canopy)
A7190	Pour concrete for concrete pedestal (Existing canopy)	1	07-Jul-20	08-Jul-20	0	4	32																	■ Pour concrete for concrete pedestal (Existing canopy)
A7200	Hold point inspection for concrete pedestal (Existing canopy)	1	07-Jul-20	08-Jul-20	0		0																	■ Hold point inspection for concrete pedestal (Existing canopy)
A7210	5 working day cure period for concrete pedestal (Existing canopy)	5	08-Jul-20	12-Jul-20	0		0																	■ 5 working day cure period for concrete pedestal (Existing canopy)
A7220	Install structural steel column (Existing canopy)	2	12-Jul-20	14-Jul-20	0	4	64																	■ Install structural steel column (Existing canopy)
A7230	Hold point inspection for structural steel column (Existing canopy)	2	12-Jul-20	14-Jul-20	0		0																	■ Hold point inspection for structural steel column (Existing canopy)
A7240	Install wall grit (Existing canopy)	2	14-Jul-20	16-Jul-20	0	4	64																	■ Install wall grit (Existing canopy)
A7250	Hold point inspection for wall grit (Existing canopy)	2	14-Jul-20	16-Jul-20	0		0																	■ Hold point inspection for wall grit (Existing canopy)

■ Actual Work     ◆ Milestone  
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Crew Size	Budgeted Labor Units	19		Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021	
								Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
A7080	Install Prefinished Metal Wall panel (Existing canopy)	4	16-Jul-20	20-Jul-20	0	4	128										■	Install Prefinished Metal Wall panel (Existing canopy)					
A7100	Conduit rough in work for temporary power & roll up door (Existing canopy)	2	16-Jul-20	18-Jul-20	0	4	64										■	Conduit rough in work for temporary power & roll up door (Existing canopy)					
A7110	Pull wires (Existing canopy)	1	18-Jul-20	19-Jul-20	0	4	32										■	Pull wires (Existing canopy)					
A7130	Install control panel for roll up door (Existing canopy)	2	19-Jul-20	21-Jul-20	0	4	64										■	Install control panel for roll up door (Existing canopy)					
A7140	Install panel board (Existing canopy)	2	19-Jul-20	21-Jul-20	0	4	64										■	Install panel board (Existing canopy)					
A5950	Install rollup door & associated hardwares (Existing canopy)	5	20-Jul-20	25-Jul-20	0	4	160										■	Install rollup door & associated hardwares (Existing canopy)					
A7010	Install light fixtures (Existing canopy)	4	21-Jul-20	25-Jul-20	0	4	128										■	Install light fixtures (Existing canopy)					
A7020	Install bird netting (Existing canopy)	2	25-Jul-20	26-Jul-20	0	4	64										■	Install bird netting (Existing canopy)					
A7290	MNR Inspection (Existing Canopy)	2	27-Jul-20	28-Jul-20	0		0										■	MNR Inspection (Existing Canopy)					
A7300	Punchlist Work (Existing Canopy)	2	29-Jul-20	30-Jul-20	0	4	64										■	Punchlist Work (Existing Canopy)					
A6100	Canopy Extension (West Side of existing canopy) Start	0	31-Jul-20		0		0										◆	Canopy Extension (West Side of existing canopy) Start					
A6150	Remove existing 15" HDPE (West Side of Existing Canopy)	2	31-Jul-20	01-Aug-20	0	4	64										■	Remove existing 15" HDPE (West Side of Existing Canopy)					
A7280	Existing Canopy Finish	0		31-Jul-20	0		0										◆	Existing Canopy Finish					
A6160	Remove metal wall panel (West Side of Existing Canopy)	2	01-Aug-20	03-Aug-20	0	4	64										■	Remove metal wall panel (West Side of Existing Canopy)					
A6180	Excavate for foundation wall (West Side of Existing Canopy)	3	03-Aug-20	06-Aug-20	0	4	96										■	Excavate for foundation wall (West Side of Existing Canopy)					
A6190	Formwork & rebar for foundation wall (West Side of Existing Canopy)	4	06-Aug-20	10-Aug-20	0	4	128										■	Formwork & rebar for foundation wall (West Side of Existing Canopy)					
A6890	Hold point inspection of rebar for foundation wall (West Side of Existing Canopy)	4	06-Aug-20	10-Aug-20	0		0										■	Hold point inspection of rebar for foundation wall (West Side of Existing Canopy)					
A6200	Pour concrete for foundation wall (West Side of Existing Canopy)	1	10-Aug-20	11-Aug-20	0	4	32										■	Pour concrete for foundation wall (West Side of Existing Canopy)					
A6900	Hold point inspection of concrete for foundation wall (West Side of Existing Canopy)	1	10-Aug-20	11-Aug-20	0		0										■	Hold point inspection of concrete for foundation wall (West Side of Existing Canopy)					
A6210	5 working day cure period for foundation wall (West Side of Existing Canopy)	5	11-Aug-20	15-Aug-20	0		0										■	5 working day cure period for foundation wall (West Side of Existing Canopy)					
A6220	Backfill (West Side of Existing Canopy)	1	16-Aug-20	16-Aug-20	0	4	32										■	Backfill (West Side of Existing Canopy)					
A6230	Install crushed stone for concrete slab (West Side of Existing Canopy)	1	16-Aug-20	17-Aug-20	0	4	32										■	Install crushed stone for concrete slab (West Side of Existing Canopy)					
A6240	Formwork & rebar for concrete slab (West Side of Existing Canopy)	3	17-Aug-20	20-Aug-20	0	4	96										■	Formwork & rebar for concrete slab (West Side of Existing Canopy)					
A6910	Hold point inspection of rebar for concrete slab (West Side of Existing Canopy)	3	17-Aug-20	20-Aug-20	0		0										■	Hold point inspection of rebar for concrete slab (West Side of Existing Canopy)					
A6260	Pour concrete for concrete slab (West Side of Existing Canopy)	1	20-Aug-20	21-Aug-20	0	4	32										■	Pour concrete for concrete slab (West Side of Existing Canopy)					
A6920	Hold point inspection of concrete for concrete slab (West Side of Existing Canopy)	1	20-Aug-20	21-Aug-20	0		0										■	Hold point inspection of concrete for concrete slab (West Side of Existing Canopy)					
A6280	5 working day cure period for concrete slab (West Side of Existing Canopy)	5	21-Aug-20	26-Aug-20	0		0										■	5 working day cure period for concrete slab (West Side of Existing Canopy)					
A6300	Formwork & rebar for concrete pedestal (West Side of Existing Canopy)	2	26-Aug-20	28-Aug-20	0	4	64										■	Formwork & rebar for concrete pedestal (West Side of Existing Canopy)					
A6930	Hold point inspection rebar for concrete pedestal (West Side of Existing Canopy)	2	26-Aug-20	28-Aug-20	0		0										■	Hold point inspection rebar for concrete pedestal (West Side of Existing Canopy)					
A6310	Pour concrete for concrete pedestal (West Side of Existing Canopy)	1	28-Aug-20	29-Aug-20	0	4	32										■	Pour concrete for concrete pedestal (West Side of Existing Canopy)					
A6940	Hold point inspection concrete for concrete pedestal (West Side of Existing Canopy)	1	28-Aug-20	29-Aug-20	0		0										■	Hold point inspection concrete for concrete pedestal (West Side of Existing Canopy)					
A6320	5 working day cure period for concrete pedestal (West Side of Existing Canopy)	5	29-Aug-20	02-Sep-20	0		0										■	5 working day cure period for concrete pedestal (West Side of Existing Canopy)					
A6330	Install structural steel column (West Side of Existing Canopy)	5	02-Sep-20	08-Sep-20	0	4	160										■	Install structural steel column (West Side of Existing Canopy)					
A6950	Hold point inspection for structural steel column (West Side of Existing Canopy)	5	02-Sep-20	08-Sep-20	0		0										■	Hold point inspection for structural steel column (West Side of Existing Canopy)					

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◆ Milestone  
 ▼ Summary

Project Start: 23-Dec-19  
 Project Finish: 22-Dec-20  
 Project Data Date: 23-Dec-19  
 Project Generated Date: 06-Mar-20

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MNR: CONTRACT NO.: 130577  
**WHEEL STORAGE CANOPY EXPANSION**  
**DETAILED PROJECT SCHEDULE - CRITICAL PATH**

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Crew Size	Budgeted Labor Units	Qtr 1, 2020					Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021				
								Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb				
A6350	Install structural steel roof framing (West Side of Existing Canopy)	5	08-Sep-20	13-Sep-20	0	4	160															■	Install structural steel roof framing (West Side of Existing			
A6960	Hold point inspection for structural steel roof framing (West Side of Existing Canopy)	5	08-Sep-20	13-Sep-20	0		0																	■	Hold point inspection for structural steel roof framing (We	
A6370	Install Prefinished Metal Roof panel (West Side of Existing Canopy)	5	13-Sep-20	17-Sep-20	0	4	160																	■	Install Prefinished Metal Roof panel (West Side of Exis	
A6560	Install flashing (West Side of Existing Canopy)	3	18-Sep-20	20-Sep-20	0	4	96																		■	Install flashing (West Side of Existing Canopy)
A6450	Install snow guard at roof (West Side of Existing Canopy)	2	20-Sep-20	22-Sep-20	0	4	64																		■	Install snow guard at roof (West Side of Existing Can
A6510	Install gutter (West Side of Existing Canopy)	4	22-Sep-20	26-Sep-20	0	4	128																		■	Install gutter (West Side of Existing Canopy)
A6550	Install lighting arrestor air terminal (West Side of Existing Canopy)	2	26-Sep-20	28-Sep-20	0	4	64																		■	Install lighting arrestor air terminal (West Side of Ex
A6520	Install bird netting (West Side of Existing Canopy)	2	28-Sep-20	30-Sep-20	0	4	64																		■	Install bird netting (West Side of Existing Canopy)
A2590	Prepare & submit As Built Drawings	15	30-Sep-20	21-Oct-20	0		0																		■	Prepare & submit As Built Drawings
A2600	Review & Approval of As Built Drawings	20	21-Oct-20	18-Nov-20	0		0																		■	Review & Approval of As Built Dra
A6970	Final punchlist	12	18-Nov-20	08-Dec-20	0		0																		■	Final punchlist
A7150	Close out	10	08-Dec-20	22-Dec-20	0		0																		■	Close out
A1010	Substantial Completion (Contractual Date: 22nd December 2020)	0		22-Dec-20*	0		0																		◆	Substantial Complet

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