

Original Completion Dates: 12/16/27 (Subst) 3/15/28 (Final)
Revised Completion Dates (Through CO 1): 12/16/27 (Subst) 3/15/28 (Final)

I-85 Sanitary Sewer System Improvements - Construction Package 1
South Granville Water & Sewer Authority

DWI Project No. SRP-W-ARP-0048
CDM Smith Project No. 54378-260646
HCCI Project No. 245-502

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float	2027											
							Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
 I-85 Sanitary Sewer System Improvements - Construction Package 1		675	303	17-Feb-25 A	27-Oct-27	0												
 Project Initialization		60	0	17-Feb-25 A	22-May-25 A													
 A1000	Contract Finalized	0	0	17-Feb-25 A														
 A1010	Notice to Proceed	0	0	31-Mar-25 A														
 A1020	Clearing Moritorium (12/1 - 3/31)	31	0	17-Feb-25 A	31-Mar-25 A													
 A1030	Mobilization	1	0	31-Mar-25 A	31-Mar-25 A													
 A1040	Preconstruction Photos	2	0	27-Mar-25 A	27-Mar-25 A													
 A1050	NC 811 Locate Request and Marking	3	0	19-Mar-25 A	24-Mar-25 A													
 A1060	Wilkerson Mobilization	5	0	16-Apr-25 A	22-Apr-25 A													
 A1070	Install Temporary Office Compound at Joe Peed Site	5	0	15-May-25 A	22-May-25 A													
 Joe Peed Lift Station		529	157	17-Mar-25 A	01-Apr-27	62												
 Sitework		479	107	17-Mar-25 A	20-Jan-27	107												
 B1010	Layout Clearing Limits	2	0	17-Mar-25 A	18-Mar-25 A													
 B1020	Limited Clearing & Grubbing (Enough to Install Erosion Control)	2	0	01-Apr-25 A	02-Apr-25 A													
 B1030	Initial Erosion Control Installation	4	0	03-Apr-25 A	04-Apr-25 A													
 B1040	Complete Clearing & Grubbing, Including Expanded Limits	16	0	04-Apr-25 A	25-Apr-25 A													
 B1050	Complete Erosion Control Installation, Including Temporary Skimmer Basin	15	0	25-Apr-25 A	22-May-25 A													
 B1060	Temporary Power to Site or Dewatering Generator if No Power Available	20	0	10-Apr-25 A	29-May-25 A													
 B1070	Rough Grading of Site	3	1	23-Mar-26 A	14-Aug-26	200												
 B1080	Asphalt Paving, and Gravel Driveway to North of LS Fence Limits	8	8	17-Nov-26	30-Nov-26	135												
 B1090	Fine Grading, Grassing, and Graveling	4	3	23-Mar-26 A	03-Dec-26	137												
 B1100	Convert Temporary Skimmer Basin to Bioretention Basin	5	5	17-Aug-26	21-Aug-26	205												
 B1110	Install Fencing	5	5	14-Jan-27	20-Jan-27	107												
 B1120	Fine Grade GS & Water Line Area, Concrete Paving & Complete Gravel Drive to N of LS Fence	10	10	18-Nov-26	03-Dec-26	135												
 B1130	Final Grading & Grassing of GS & Water Line Area	2	2	04-Dec-26	07-Dec-26	135												
 Lift Station		474	157	29-Apr-25 A	01-Apr-27	62												

Start Date: 17-Feb-25
Finish Date: 27-Oct-27
Data Date: 14-Aug-26
Run Date: 14-Aug-26



Haren Construction Company, Inc.
I-85 Sanitary Sewer System Improvements - CP 1
TASK filter: All Activities

Date	Revision	Checked	Approved
13-May-25	Initial Overall Project Schedule	DB	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float	2027														
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	C1000	Layout Station	1	0	29-Apr-25 A	30-Apr-25 A																
	C1010	Drilling & Blasting for Station	10	0	08-May-25 A	19-May-25 A																
	C1020	Dewater, Excavate, and Shore Station	30	0	02-Jun-25 A	29-Jul-25 A																
	C1030	Place Stone Under El. 247.50 Slab	1	0	30-Jul-25 A	30-Jul-25 A																
	C1040	Form, Rebar & Pour El. 247.50 Slab (Pour 1)	5	0	04-Aug-25 A	08-Aug-25 A																
	C1050	Form, Rebar, Pour & Cure Stub Wall from 247.50 Slab to Bottom of 253.50 Slab (Pour 2)	10	0	11-Aug-25 A	15-Aug-25 A																
	C1060	Backfill (w/ Stone) and Form, Rebar & Pour El. 253.50 Slab (Pour 3)	10	0	18-Aug-25 A	21-Aug-25 A																
	C1070	Form, Rebar & Pour Wet Well Walls to El. 265.50 (Pour 4)	10	0	11-Aug-25 A	09-Sep-25 A																
	C1080	Form, Rebar & Pour Influent Channel Walls to El. 265.50 (Pour 5)	10	0	26-Aug-25 A	30-Sep-25 A																
	C1090	Form, Rebar & Pour Wet Well Walls to El. 281.50 (Pour 6)	10	0	09-Sep-25 A	17-Oct-25 A																
	C1100	Form, Rebar & Pour Influent Channel Walls to El. 281.50 (Pour 7)	10	0	30-Sep-25 A	31-Oct-25 A																
	C1110	Form, Rebar, Electrical In/Under & Pour El. 282.50 Top Deck (Pour 8)	25	0	31-Oct-25 A	14-Nov-25 A																
	C1120	Top Deck Curing	10	0	14-Nov-25 A	28-Nov-25 A																
	C1130	Water Test Pump Station	5	0	17-Nov-25 A	26-Nov-25 A																
	C1135	Initial Backfill of Station to ~El. 272	15	0	25-Nov-25 A	16-Dec-25 A																
	C1140	Remove Station Top Deck Shoring and Decking	5	0	17-Dec-25 A	31-Dec-25 A																
	C1150	Grout Fills in Wet Well & Influent Channel, Pump Pads	5	5	14-Aug-26	20-Aug-26	202															
	C1160	Grind & Patch Exterior Walls Not Previously Completed	5	0	14-Nov-25 A	30-Jan-26 A																
	C1170	Complete Backfill of Station to Approximate Final Grades	7	0	03-Mar-26 A	12-Mar-26 A																
	C1180	Excavate and Form, Rebar & Pour Jib Crane Footer and Column	5	0	29-May-26 A	05-Jun-26 A																
C1190	Backfill Jib Crane Footer and Column	1	0	11-Jun-26 A	12-Jun-26 A																	
C1200	Grind & Patch Station Interior Walls	10	0	16-Mar-26 A	16-Apr-26 A																	
C1220	Apply Influent Channel & Wet Well Wastewater Collection System Coatings	15	0	16-Apr-26 A	22-May-26 A																	
C1230	Install Grinders, Pumps, Pump Discharge Piping, Slide Gates, & Valve Building Drain Check Valve	20	17	10-Aug-26 A	30-Sep-26	139																

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13-May-25

Initial Overall Project Schedule

DB

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float					2027																
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov						
		 C1240	Install Grounding, Conduit, Panels & Disconnects	20	20	01-Oct-26	28-Oct-26	139																				
		 C1250	Pull Wire & Make Terminations	15	15	29-Oct-26	18-Nov-26	139																				
		 C1260	Instrumentation & Controls	10	10	02-Mar-27	15-Mar-27	62																				
		 C1270	Install Monorail Frame, Hoist & Trolley	5	0	15-Jun-26 A	19-Jun-26 A																					
		 C1280	Install Electrical to Hoist & Trolley	1	1	29-Oct-26	29-Oct-26	151																				
		 C1290	Install Jib Crane	3	0	15-Jun-26 A	18-Jun-26 A																					
		 C1300	Startup Monorail Hoist, Load Test Hoist & Jib Crane	2	2	30-Oct-26	02-Nov-26	151																				
		 C1310	Painting of Wet Well Piping	5	5	09-Nov-26	13-Nov-26	142																				
		 C1320	Preliminary Station Checkout/Startup Prior to Completion of Southern Interceptor	7	7	16-Mar-27	24-Mar-27	62																				
		 C1330	Preliminary Punchlist at Joe Peed Station	5	5	25-Mar-27	01-Apr-27	62																				
		 Valve Building		308	144	16-Dec-25 A	12-Mar-27	70	12-Mar-27, Valve Building																			
		 D1000	Excavate for Valve Building While Backfilling PS to ~El. 275	7	0	16-Dec-25 A	19-Dec-25 A																					
		 D1010	Place Stone Under Building Footer	1	0	29-Dec-25 A	29-Dec-25 A																					
		 D1020	Form, Rebar & Pour Building Footer	10	0	29-Dec-25 A	31-Dec-25 A																					
		 D1030	Form, Rebar, In/Under & Pour Foundation Walls	15	0	05-Jan-26 A	15-Jan-26 A																					
		 D1040	Install Below-Slab Piping and Place Structural Fill Inside Foundation Walls	10	0	19-Jan-26 A	28-Jan-26 A																					
		 D1050	Place Stone Under Building Slab	1	0	29-Jan-26 A	29-Jan-26 A																					
		 D1060	Electrical In & Under Rough In and Ground Loop	15	0	26-Jan-26 A	05-Feb-26 A																					
		 D1070	Plumbing & Mechanical In & Under	5	0	26-Jan-26 A	05-Feb-26 A																					
		 D1080	Form, Rebar & Pour Building Slab	7	0	04-Feb-26 A	12-Feb-26 A																					
		 D1090	Backfill Building to Approximate Final Grades	5	0	09-Mar-26 A	13-Mar-26 A																					
		 D1100	Form, Rebar & Pour Building Curb Wall	5	0	12-Feb-26 A	14-Feb-26 A																					
		 D1110	Install 12" CMU Masonry Walls w/ Embeds & Penetrations	15	0	16-Feb-26 A	12-Mar-26 A																					
		 D1120	Install Rigid Insulation, Mortar Mat, and 4" Split-Face CMU Walls	20	0	06-Apr-26 A	16-Apr-26 A																					
		 D1130	Clean Masonry Walls	2	2	14-Aug-26	17-Aug-26	164																				
		 D1140	Install Pre-Engineered Trusses & Metal Decking	5	0	21-Apr-26 A	04-May-26 A																					
		 D1150	Install Insulation & Standing Seam Metal Roof (Including Vents)	7	0	26-May-26 A	02-Jun-26 A																					

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float	2027											
							Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
D1160	Form, Rebar & Pour Electrical Equipment Pads	5	0	17-Jun-26 A	25-Jun-26 A													
D1170	Preliminary Painting of Interior Walls & Ceiling	5	0	13-Jul-26 A	17-Jul-26 A													
D1180	Install Windows, Louver, and Doors, Frames & Hardware	5	4	03-Aug-26 A	15-Oct-26	126												
D1190	Install Gutters, Downspouts & Soffit	5	2	13-Jul-26 A	19-Aug-26	196												
D1200	Install All Electrical Gear, Conduit, and Lighting	20	20	16-Oct-26	12-Nov-26	126												
D1210	Electrical Wiring & Terminations	10	10	13-Nov-26	30-Nov-26	126												
D1220	Install All HVAC Equipment, Ductwork & Piping	15	7	20-Jul-26 A	23-Nov-26	129												
D1230	Install Valve Room Piping & Valves	10	0	16-Jun-26 A	30-Jun-26 A													
D1240	Install Valve Room Plumbing	3	3	18-Aug-26	20-Aug-26	192												
D1250	Instrumentation & Controls	2	2	02-Mar-27	03-Mar-27	63												
D1260	Painting of Valve Room Piping & Final Interior Painting	5	3	03-Aug-26 A	20-Oct-26	153												
D1270	Checkout Valves & Electrical Gear Prior to Startup	7	7	04-Mar-27	12-Mar-27	63												
D1280	Test & Balance HVAC	2	2	01-Dec-26	02-Dec-26	138												
Yard Piping		267	142	26-Feb-26 A	10-Mar-27	65	10-Mar-27, Yard Piping											
E1000	Install 4" Drain from Valve Vault to Wet Well	1	0	02-Mar-26 A	03-Mar-26 A													
E1010	Install 10" Pipes (4 EA) Between Wet Well & Valve Building	5	0	26-Feb-26 A	03-Mar-26 A													
E1020	Install 8" Surge Line from Valve Building to Influent Channel	5	0	27-Feb-26 A	05-Mar-26 A													
E1030	Install FM Vault & 20" Bypass Piping & Piping from FM Vault to Wilkerson Connection Point at DI-PVC Transition	10	0	02-Mar-26 A	10-Mar-26 A													
E1040	Install 20" Piping from Valve Building to FM Vault	5	0	02-Mar-26 A	10-Mar-26 A													
E1050	Install Bypass Connection with Thrust Blocking & Bollards	5	2	03-Mar-26 A	17-Aug-26	205												
E1060	Install Site Water Lines Past Northern Limit of Site Fencing	3	1	27-Jul-26 A	14-Aug-26	197												
E1070	Install Site Drains and Cleanouts	3	0	03-Mar-26 A	04-Aug-26 A													
E1080	Install 10" & 14" FRP Gooseneck Intakes at Influent Channel & Wet Well	3	3	14-Aug-26	18-Aug-26	202												
E1090	Install 4" Casing Pipe & 1/4" Flex Tubing from Liquid Odor Control to Influent Channel & to SSMH-5817	4	1	03-Aug-26 A	14-Aug-26	204												
E1100	Install 4" Drain Piping from Vapor Phase Odor Control to Influent Channel	2	0	22-Jun-26 A	23-Jun-26 A													
E1110	Install 16"/14"/10" FRP from Vapor Phase Odor Control to Influent Channel & Wet Well	4	0	22-Jun-26 A	30-Jul-26 A													
E1120	Complete Site Water Line from LS Site to Meter & Tie-in	3	1	22-Jun-26 A	17-Nov-26	135												

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float	2027											
							Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	 E1130 Electrical for FM Vault	5	5	04-Mar-27	10-Mar-27	65												
	 E1140 Install 14" Flow Meter in FM Vault	5	5	25-Feb-27	03-Mar-27	65												
	 E1150 Install Electrical Ductbanks & Site Lighting	30	15	15-Jun-26 A	03-Sep-26	185												
	 Liquid Phase Odor Control	61	19	05-May-26 A	10-Sep-26	188												
	 F1000 Layout & Excavate for Liquid Phase Concrete Pad & Place Stone	2	0	05-May-26 A	12-May-26 A													
	 F1010 Form, Rebar, In/Under & Pour Liquid Phase Odor Control Pad	10	0	13-May-26 A	05-Jun-26 A													
	 F1020 Backfill Pad	1	0	15-Jun-26 A	16-Jun-26 A													
	 F1030 Install & Pipe Up Tank, Containment Pallet & Pump Cabinet	5	2	17-Jun-26 A	17-Aug-26	196												
	 F1040 Install Water Heater & Emergency Shower	2	0	03-Aug-26 A	06-Aug-26 A													
	 F1050 Electrical for System	7	7	28-Aug-26	08-Sep-26	188												
	 F1060 Heat Trace & Insulate Tepid Water Piping & Degreaser Tubing	5	5	18-Aug-26	24-Aug-26	198												
	 F1070 Checkout System Prior to Startup	2	2	09-Sep-26	10-Sep-26	188												
	 Vapor Phase Odor Control	40	19	05-May-26 A	10-Sep-26	188												
	 G1000 Layout & Excavate for Vapor Phase Concrete Pad & Place Stone	2	0	05-May-26 A	12-May-26 A													
	 G1010 Form, Rebar, In/Under & Pour Vapor Phase Odor Control Pad	10	0	13-May-26 A	05-Jun-26 A													
	 G1020 Backfill Pad	1	0	15-Jun-26 A	16-Jun-26 A													
	 G1030 Install & Pipe Up Tank & Blower w/ Control Panel	5	5	14-Aug-26	20-Aug-26	193												
	 G1040 Electrical for System	7	7	28-Aug-26	08-Sep-26	188												
	 G1050 Heat Trace & Insulate Drain Piping	5	5	21-Aug-26	27-Aug-26	195												
	 G1060 Checkout System Prior to Startup	2	2	09-Sep-26	10-Sep-26	188												
	 Misc. Structures	63	18	06-Jul-26 A	09-Sep-26	189												
	 H1000 Layout & Excavate for Generator Pad & Place Stone	2	0	06-Jul-26 A	07-Jul-26 A													
	 H1010 Form, Rebar, In/Under & Pour Generator Pad	10	0	16-Jul-26 A	06-Aug-26 A													
	 H1020 Install Grounding for Generator	2	0	05-Aug-26 A	06-Aug-26 A													
	 H1030 Set Generator	1	0	11-Aug-26 A	12-Aug-26 A													
	 H1040 Install Platforms at Generator	3	1	12-Aug-26 A	14-Aug-26	198												
	 H1050 Make Electrical Connections at Generator	5	5	28-Aug-26	03-Sep-26	189												
	 H1060 Checkout Generator & Perform Load Test	3	3	04-Sep-26	09-Sep-26	189												
	 East Middleton Lift Station	527	155	18-Mar-25 A	30-Mar-27	148												
	 Sitework	479	102	18-Mar-25 A	20-Jan-27	107												

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Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float	2027												lov	
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep
	J1000	Layout Clearing Limits	1	0	18-Mar-25 A	18-Mar-25 A															
	J1010	Limited Clearing & Grubbing (Enough to Install Erosion Control)	1	0	13-Apr-25 A	13-Apr-25 A															
	J1020	Initial Erosion Control Installation	2	0	13-Apr-25 A	14-Apr-25 A															
	J1030	Complete Clearing & Grubbing	5	0	15-Apr-25 A	28-Apr-25 A															
	J1040	Complete Erosion Control Installation, Including Temporary Skimmer Basin	10	0	28-Apr-25 A	30-May-25 A															
	J1050	Temporary Power	20	0	26-May-25 A	03-Jun-25 A															
	J1060	Rough Grading of Site	3	0	27-Jul-26 A	30-Jul-26 A															
	J1070	Asphalt Paving & Pervious Gravel	5	5	21-Aug-26	27-Aug-26	199														
	J1080	Fine Grading & Grassing	4	4	28-Aug-26	02-Sep-26	200														
	J1090	Install Fencing	5	5	14-Jan-27	20-Jan-27	107														
	J1100	Remove Temporary Skimmer Basin	2	2	21-Aug-26	24-Aug-26	203														
	Pump Station & Valve Vault		487	155	06-May-25 A	30-Mar-27	64	30-Mar-27, Pump Station & Valve Vault													
	K1000	Layout Station	1	0	06-May-25 A	06-May-25 A															
	K1010	Drilling & Blasting for Station	7	0	04-Jun-25 A	19-Jun-25 A															
	K1020	Dewater, Excavate, and Shore Station	20	0	15-Jul-25 A	26-Aug-25 A															
	K1030	Place Stone Under El. 295.50 Slab	1	0	27-Aug-25 A	27-Aug-25 A															
	K1040	Form, Rebar & Pour El. 295.50 Slab (Pour 1)	7	0	28-Aug-25 A	05-Sep-25 A															
	K1050	Form, Rebar, Pour & Cure Wet Well Walls to El. 300.50 (Pour 2)	12	0	08-Sep-25 A	10-Sep-25 A															
	K1060	Backfill (w/ Stone) and Form, Rebar & Pour El. 302.00 Slab (Pour 3)	7	0	11-Sep-25 A	15-Sep-25 A															
	K1070	Form, Rebar & Pour Station Walls to El. 313.75 (Pour 4)	10	0	15-Sep-25 A	30-Sep-25 A															
K1080	Form, Rebar, Electrical In/Under & Pour El. 314.75 Top Deck (Pour 5)	25	0	30-Sep-25 A	29-Oct-25 A																
K1090	Form, Rebar & Pour Lower Baffle Wall (Pour 6)	5	0	07-Oct-25 A	14-Oct-25 A																
K1100	Form, Rebar & Pour Upper Baffle Wall (Pour 7)	5	0	14-Oct-25 A	17-Oct-25 A																
K1110	Top Deck Curing	10	0	29-Oct-25 A	12-Nov-25 A																
K1120	Water Test Station	5	0	03-Nov-25 A	10-Nov-25 A																
K1130	Grout Fills and Pump Pads in Station	5	5	14-Aug-26	20-Aug-26	164															

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I-85 Sanitary Sewer System Improvements - CP 1

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Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float					2027										
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	 K1140	Grind & Patch Exterior Walls Not Previously Completed	5	0	19-Jan-26 A	30-Jan-26 A																
	 K1150	Excavate for Valve Vault	2	0	10-Nov-25 A	11-Nov-25 A																
	 K1160	Place Stone Under Valve Vault	1	0	12-Nov-25 A	12-Nov-25 A																
	 K1170	Set Precast Valve Vault	1	0	13-Nov-25 A	13-Nov-25 A																
	 K1180	Install VV Drain, 10" Discharge Piping, 2" ARV Drain & Discharge Header While Backfilling LS & VV to Final Grade	15	0	18-Nov-25 A	25-Feb-26 A																
	 K1210	Excavate, Form, Rebar, Pour & Cure Jib Crane Foundation	8	0	25-May-26 A	05-Jun-26 A																
	 K1220	Backfill Jib Crane Foundation	1	0	15-Jun-26 A	15-Jun-26 A																
	 K1230	Remove Station Top Deck Shoring & Decking	5	0	19-Dec-25 A	29-Dec-25 A																
	 K1240	Grind & Patch Station Interior Walls	7	0	23-Mar-26 A	06-Apr-26 A																
	 K1250	Apply Influent Channel & Wet Well Wastewater Collection System Coatings	10	0	10-Apr-26 A	22-May-26 A																
	 K1260	Install Grinders, Pumps, Pump Discharge Piping, Slide Gates & Valve Vault Drain Check Valve	20	20	08-Sep-26	05-Oct-26	153															
	 K1270	Install Grounding & Conduit	35	2	23-Mar-26 A	17-Aug-26	187															
	 K1280	Pull Wire, & Make Terminations	20	20	06-Oct-26	02-Nov-26	153															
	 K1290	Install Valve Vault Interior Piping & Valves	10	0	04-Feb-26 A	11-Feb-26 A																
	 K1300	Instrumentation & Controls	10	10	02-Mar-27	15-Mar-27	64															
	 K1310	Install Jib Crane	2	0	18-Jun-26 A	22-Jun-26 A																
	 K1320	Load Test Jib Crane	1	1	14-Aug-26	14-Aug-26	208															
	 K1330	Painting of Wet Well & Valve Vault Piping	5	1	03-Aug-26 A	12-Oct-26	168															
	 K1340	Preliminary Station Checkout/Startup Prior to Completion of Southern Interceptor	5	5	16-Mar-27	22-Mar-27	64															
	 K1350	Preliminary Punchlist at East Middleton Station	5	5	23-Mar-27	30-Mar-27	64															
 Yard Piping		275	138	21-Jan-26 A	04-Mar-27	165	 04-Mar-27, Yard Piping															
	 L1030	Install 6" FRP at Influent Channel Intake	2	0	03-Aug-26 A	05-Aug-26 A																
	 L1040	Install 10" FRP at Wet Well Intake	2	0	06-Jul-26 A	08-Jul-26 A																
	 L1050	Install Ductbanks & Site Lighting	20	3	09-Mar-26 A	18-Aug-26	196															
	 L1060	Install Precast FM Vault & 12"/16" Influent, Effluent & Bypass Piping	10	0	21-Jan-26 A	02-Mar-26 A																
	 L1070	Install 8" Surge Piping from FM Vault to Wet Well	3	3	14-Aug-26	18-Aug-26	300															

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Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float					2027																
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov						
	L	 L1080	Install 4" Drain Line from FM Vault to Wet Well	1	0	03-Mar-26 A	04-Mar-26 A																					
		 L1090	Install Bypass Connection with Thrust Blocking & Bollards	5	0	23-Mar-26 A	30-Mar-26 A																					
		 L1100	Install Remainder of 16" Forcemain to DI-PVC Transition Point	3	0	04-Mar-26 A	06-Mar-26 A																					
		 L1110	Install 4" Casing Pipe & 1/4" Flex Tubing from Liquid Odor Control to Wet Well & to SSMH-5818	2	1	04-Aug-26 A	19-Aug-26	195																				
		 L1120	Install 4" Drain Piping from Vapor Phase Odor Control to Influent Chamber	2	0	06-Jul-26 A	08-Jul-26 A																					
		 L1130	Install 10" FRP from Vapor Phase Odor Control to Wet Well	3	0	08-Jul-26 A	10-Jul-26 A																					
		 L1140	Install Piping in FM Vault, Including 12" FM & 8" Surge Valve	2	1	22-Jun-26 A	25-Feb-27	76																				
		 L1150	Electrical for FM Vault	5	5	26-Feb-27	04-Mar-27	76																				
		 L1160	Site Water Line from Meter, Through Yard Hydrant, to Liquid Odor Control	3	0	10-Aug-26 A	13-Aug-26 A																					
	 Liquid Phase Odor Control		101	19	05-May-26 A	10-Sep-26	190	 10-Sep-26, Liquid Phase Odor Control																				
	M	 M1000	Layout & Excavate for Liquid Phase Concrete Pad & Place Stone	2	0	05-May-26 A	12-May-26 A																					
		 M1010	Form, Rebar, In/Under & Pour Liquid Phase Odor Control Pad	10	0	13-May-26 A	05-Jun-26 A																					
		 M1020	Backfill Pad	1	0	08-Jun-26 A	09-Jun-26 A																					
		 M1030	Install & Pipe Up Tank, Containment Pallet & Pump Cabinet	5	3	17-Jun-26 A	18-Aug-26	195																				
		 M1040	Install Water Heater & Emergency Shower	2	1	10-Aug-26 A	21-Aug-26	194																				
		 M1050	Electrical for System	7	7	28-Aug-26	08-Sep-26	190																				
		 M1060	Heat Trace & Insulate Tepid Water Piping & Degreaser Tubing	5	5	24-Aug-26	28-Aug-26	196																				
		 M1070	Checkout System Prior to Startup	2	2	09-Sep-26	10-Sep-26	190																				
		 Vapor Phase Odor Control		101	19	05-May-26 A	10-Sep-26	190	 10-Sep-26, Vapor Phase Odor Control																			
	N	 N1000	Layout & Excavate for Vapor Phase Concrete Pad & Place Stone	2	0	05-May-26 A	12-May-26 A																					
		 N1010	Form, Rebar, In/Under & Pour Vapor Phase Odor Control Pad	10	0	13-May-26 A	05-Jun-26 A																					
		 N1020	Backfill Pad	1	0	08-Jun-26 A	09-Jun-26 A																					
		 N1030	Install & Pipe Up Tank & Blower w/ Control Panel	5	5	14-Aug-26	20-Aug-26	194																				
		 N1040	Electrical for System	7	7	28-Aug-26	08-Sep-26	190																				
		 N1050	Heat Trace & Insulate Drain Piping	5	5	21-Aug-26	27-Aug-26	197																				
		 N1060	Checkout System Prior to Startup	2	2	09-Sep-26	10-Sep-26	190																				
		 Misc. Structures		150	29	09-Mar-26 A	24-Sep-26	180	 24-Sep-26, Misc. Structures																			
	 P1000	Layout & Excavate for Generator Pad & Place Stone	2	0	29-Jun-26 A	30-Jun-26 A																						

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float					2027											
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
	 P1010	Form, Rebar, In/Under & Pour Generator Pad	15	0	06-Jul-26 A	06-Aug-26 A																	
	 P1020	Install Grounding for Generator	2	0	04-Aug-26 A	05-Aug-26 A																	
	 P1030	Set Generator	1	1	19-Aug-26	19-Aug-26	194																
	 P1040	Install Platforms at Generator	3	3	20-Aug-26	24-Aug-26	194																
	 P1050	Make Electrical Connections at Generator	5	5	28-Aug-26	03-Sep-26	191																
	 P1060	Checkout Generator & Perform Load Test	3	3	04-Sep-26	09-Sep-26	191																
	 P1070	Layout & Excavate for Electrical Pad & Place Stone	2	2	14-Aug-26	17-Aug-26	180																
	 P1080	Form, Rebar, In/Under & Pour Electrical Pad	20	0	09-Mar-26 A	05-Jun-26 A																	
	 P1090	Install Grounding for Electrical Pad	2	2	18-Aug-26	19-Aug-26	180																
	 P1100	Install Pre-Engineered Freestanding Canopy	5	5	20-Aug-26	26-Aug-26	180																
	 P1110	Install All Electrical Gear	10	10	27-Aug-26	10-Sep-26	180																
	 P1120	Pull Wire & Make Terminations	10	10	11-Sep-26	24-Sep-26	180																
 Yard Piping & Pipeline Work			532	66	14-Apr-25 A	16-Nov-26	153	 16-Nov-26, Yard Piping & Pipeline Work															
 Joe Peed LS Gravity Sewer & Water Line			430	66	16-Apr-25 A	16-Nov-26	28	 16-Nov-26, Joe Peed LS Gravity Sewer & Water Line															
	 Q0010	Clearing & Erosion Control for Joe Peed LS Gravity Sewer & Water Line	20	0	16-Apr-25 A	21-May-25 A																	
	 Q1000	Drill & Blast 24" Gravity Sewer From New Station Out ~200 LF	10	0	26-May-25 A	29-May-25 A																	
	 Q1010	Install 24" GS From New Station to SSMH-5817	15	0	27-Oct-25 A	12-Nov-25 A																	
	 Q1020	Install All 12" & 24" GS From Existing JPLS to New JPLS at SSMH-5798 (Wilkerson)	45	5	30-Jan-26 A	20-Aug-26	28																
	 Q1030	Install GS From SSMH-5817 to SSMH-5816 (~130 LF)	15	0	17-Nov-25 A	16-Dec-25 A																	
	 Q1040	Install GS From SSMH-5816 through SSMH-5798 to SSMH-5826 (~170 LF)	20	0	17-Dec-25 A	30-Jan-26 A																	
	 Q1060	Install Water Line from Existing JPLS to Near SSMH-5798	20	2	30-Jan-26 A	20-Aug-26	28																
	 Q1070	Install Water Line from Near SSMH-5798 to Fire Hydrant	3	1	29-Jan-26 A	16-Nov-26*	28																
 Joe Peed Force Main			276	60	14-Apr-25 A	13-Nov-26	136	 13-Nov-26, Joe Peed Force Main															
	 R1000	Clearing & Erosion Control for Joe Peed Force Main	20	0	14-Apr-25 A	21-May-25 A																	
	 R1010	Install Joe Peed Force Main to 90 Bend Across the Street From New Joe Peed LS (STA 123+27)	150	60	04-Aug-26 A	13-Nov-26	28																
	 R1020	Install Joe Peed Force Main from STA 123+27 to DI-PVC Transition Coupling	10	0	04-May-26 A	28-Jul-26 A																	
	 R1030	Tie-In PVC Line from 90 Bend Across Street to DI Line at Transition Coupling	5	0	28-Jul-26 A	05-Aug-26 A																	
 East Middleton Gravity Sewer & Force Main			229	0	20-Oct-25 A	29-May-26 A		Middleton Gravity Sewer & Force Main															
	 S1000	Set Doghouse SSMH-1 Over Existing 8" PVC Sewer	3	0	20-Oct-25 A	23-Oct-25 A																	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	Total Float					2027										Low			
								Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct				
		 S1010	Install 18" Sewer From SSMH-1 to SSMH-5815 (~141 LF)	7	0	29-Oct-25 A	10-Nov-25 A																		
		 S1020	Install Force Main from DI-PVC Transition to Beginning of Combined Sewer (~2,100 LF)	55	0	04-Mar-26 A	29-May-26 A																		
		 Combined Force Main		60	0	09-Feb-26 A	13-Aug-26 A		09-Aug-26 A, Combined Force Main																
		 T1000	Install Combined Force Main from EM/JP Connection to 24" Valve	60	0	09-Feb-26 A	13-Aug-26 A																		
	 Work After Southern Interceptor Completion		79	79	30-Jun-27	20-Oct-27	0																		20-Oct-27
	 U1000	Completion of Southern Interceptor	0	0	30-Jun-27*		0																		
	 U1010	Potential HCCI & Wilkerson Remobilization Lag After Southern Interceptor Completion	30	30	30-Jun-27	11-Aug-27	0																		
	 Joe Peed Lift Station Post Southern Interceptor Completion		49	49	12-Aug-27	20-Oct-27	0																		20-Oct-27
	 V1000	Checkout & Prepare for Startup of Joe Peed LS & Perform Owner Training After Southern Interceptor Complete	10	10	12-Aug-27	25-Aug-27	0																		
	 V1010	Place Joe Peed LS Into Service	1	1	31-Aug-27	31-Aug-27	0																		
	 V1020	Joe Peed LS Proving Period Prior to Demolition of Existing Stations	5	5	01-Sep-27	08-Sep-27	0																		
	 V1030	Demo Work at Existing Joe Peed LS	30	30	09-Sep-27	20-Oct-27	0																		
	 V1040	Demo Work at Existing Joe Peed Booster Station	30	30	09-Sep-27	20-Oct-27	0																		
	 East Middleton Lift Station Post Southern Interceptor Completion		36	36	12-Aug-27	01-Oct-27	13																		01-Oct-27
	 W1000	Checkout & Prepare for Startup of East Middleton LS & Perform Owner Training	10	10	12-Aug-27	25-Aug-27	13																		
	 W1010	Place East Middleton LS Into Service	1	1	26-Aug-27	26-Aug-27	13																		
	 W1020	East Middleton LS Proving Period Prior to Demolition of Existing Station	5	5	27-Aug-27	02-Sep-27	13																		
	 W1030	Demo Work at Existing East Middleton LS & Complete Roadway & Site Improvements (GS Tie-In Disrupted Pervious Paving)	20	20	03-Sep-27	01-Oct-27	13																		
	 Pipeline Work Post Southern Interceptor Completion		69	69	30-Jun-27	06-Oct-27	10																		06-Oct-27
	 X1000	Re-test Joe Peed 20" Force Main	5	5	30-Jun-27	07-Jul-27	35																		
	 X1010	Make GS Tie-In Behind Existing Joe Peed LS	3	3	26-Aug-27	30-Aug-27	0																		
	 X1020	Abandon Existing 8" & 12" Joe Peed Force Main	20	20	09-Sep-27	06-Oct-27	10																		
	 X1030	Bypass Pump & Tie-in at Manhole SSMH-1 & Replace Existing 12" Sewer to 18"x12" Reducer Tie-in	5	5	30-Jun-27	07-Jul-27	48																		
	 X1040	Abandon Existing 8" East Middleton Force Main	20	20	03-Sep-27	01-Oct-27	13																		
	 Project Closeout		151	151	24-Mar-27	27-Oct-27	0																		27-Oct-27
	 Y1000	Substantial Completion	0	0		24-Mar-27	151																		
	 Y1010	Final Punchlist & Demobilization	5	5	21-Oct-27	27-Oct-27	0																		
 Y1020	Project Complete	0	0		27-Oct-27	0																			
 Procurement		507	135	17-Feb-25 A	01-Mar-27	168																			

Start Date: 17-Feb-25
Finish Date: 27-Oct-27
Data Date: 14-Aug-26
Run Date: 14-Aug-26



Haren Construction Company, Inc.

I-85 Sanitary Sewer System Improvements - CP 1

TASK filter: All Activities

Date	Revision	Checked	Approved
13-May-25	Initial Overall Project Schedule	DB	