

Minutes

Monthly Progress Meeting #14

Date: June 16, 2026
Time: 1:00 PM
Location: Camp Butner Room, 415 Central Ave, Butner, NC 27509; MS Teams (Virtual)
Prepared by CDM Smith
Project Name: SGWASA I-85 Sanitary Sewer Improvements – Construction Package 1
Project Number: CDM Smith Project No.: 54378-260646
Contractor (HCCI) Project No.: 245-502
USDA Project No.: 600143458
DWI Project No.: SRP-W-ARP-0048.1 Contract 1

Discussion items in **red**, and action items in **bold**

Contract Time:

Notice to Proceed	March 31 st , 2025
Substantial Completion (990 days)	December 16 th , 2027
Final Completion (1,080 days)	March 15 th , 2028

General Discussion

- N/A

Safety, Security, and Project Access

- Haren Construction Company, Inc. (HCCI) to provide update.
- Update on any communications with nearby residents.
- Discuss restoration of Mrs. Horton's property.
 - It was noted that Mrs. Horton's property has been fully restored. The concrete patch that is currently in the cul-de-sac of East Middleton was noted to be temporary.
 - Discuss paving restoration guidelines and expectations moving forward.
 - Noted that paving should be restored within 3 months of original disturbance per the Specifications.
- CDM Smith requested that roadway crews lay down their safety signs at the end of the workday.

Work Performed Over the Last 30 Days

- HCCI to provide update.
- See attached update. In addition to the attached:

- HCCI noted the monorail frame has been installed and grouting has begun.

Forecast of Work to be Performed Over the Next 30 Days

- HCCI to provide update.
- See attached update. In addition to the attached:
 - Roofers will finish the Joe Peed electrical/valve building roofing.
 - Dun-rite will be on site for the wet well coatings inspection and testing on Thursday, June 18th.
 - HCCI will set the liquid phase odor control units at both sites.
 - The generator pads will be roughed in at both sites.
 - Complete the backfill at Joe Peed between the LS and the electrical building.
 - The painter will install block filler and paint the interior of the electrical building.
 - Equipment pads for the electrical equipment in the Joe Peed electrical building will be completed.
 - HCCI will receive and begin to move in electrical equipment.
 - Equipment pads for the exterior HVAC equipment will be poured.
- JF Wilkerson to provide update for pipeline work.
 - Plan to complete the water line and the Joe Peed gravity sewer in the next 30 days.
 - JF Wilkerson noted that once the water line is complete they will plan to test and bring it into service so site water can be supplied to the Joe Peed LS.
 - Once the Joe Peed water line and gravity sewer are completed, this crew will plan to begin installing the force main starting at Joe Peed PS.
 - JF Wilkerson noted that they will plan to continue to work with two crews for the foreseeable future.
 - Autry plans to start the East Lyon Station Rd crossing early to mid-week the week of 6/22. NCDOT has been notified of the planned crossing.
 - Autry plans to start the East Middleton crossing at the end of the week of 6/29.
 - JF Wilkerson noted that they plan to complete the finish paving work within 1-2 weeks of the crossings, likely during the week following July 4th. They will plan to pave the E. Lyon Station Rd, E. Middleton, and E. Middleton cul-de-sac crossings at the same time.
 - SGWASA noted that school starts the week of 8/10 and requested that the crossings and paving work be completed prior to then.

Coordination Items

- SharePoint Site.
 - [SGWASA I-85 Sanitary Sewer Improvements CP-1 SharePoint Site](#)

- Review of overall project schedule and critical path items.
- Discussion of NCDEQ Erosion and Sediment Control inspection.
 - HCCI confirmed all items have been addressed.
- Discussion of updated Certified Payroll Form.
 - CDM Smith noted the old certified payroll form expires in September. HCCI will continue to coordinate with subs to update their forms.
- The topic of water for pump testing was briefly discussed. HCCI noted that they preliminarily are planning to pull water from the nearby creek to complete the testing.
- When the time comes for pump station training, SGWASA noted the best times for this are Tuesday-Thursday, 8am-12pm. It was agreed that the testing will be completed when the PS's are actually in service rather than during Haren's initial startup towards the end of this year.

Field Observations, Problems that Impede Planned Progress, or Conflicts

- N/A.

Submittals, RFI's, Critical Delivery Items

- Submittals (See attached CDM Smith Submittal Log)
 - Submittals under review: 5
 - Resubmittal's outstanding: 14
 - Confirmation's outstanding: 6
- RFI's (See attached CDM Smith RFI Log)
 - RFI's under review: 0
 - RFI's complete: 41
- HCCI to provide update on critical delivery items.

Record Drawings and Payment Application

- Pay Application #12 has been sent to SGWASA for processing.
- Pay Application #13 has been received from Haren and sent to SGWASA for processing.

Review of Pending Change Orders, Field Orders, and Work Change Directives

- Change Order #2 – CDM Smith has received comments from USDA and is working to address. CDM Smith noted that there are a few items that need to be coordinated with Haren and will follow-up after this meeting.
 - Total lump sum credit of \$(462,166.99)
- Items tracking for CO #3
 - COR 11: 24" Plug Valve on Joe Peed Fore Main.
 - Received from Haren. Tentative credit of \$(68,142.00).

- COR 12: Pavement Revisions.
 - Received from Haren. Tentative credit of \$(256,750.00).
- COR 16: Eave Insulation Fire Barrier Coating
 - Approved cost of \$2,831.00.
- CDM Smith and Haren/Wilkerson have agreed that the air valve odor control changes are a no cost change.
- JF Wilkerson noted that they will be requested additional time for the manhole that was found in the field around STA 38+97 which was not shown on the plans. Additional time was needed to order new fittings and rework the alignment.
 - It was noted that there are pay items for potholing and fittings, so additional costs should be handled through those pay items.

Other Business

- USDA and DWI comments or questions.
- SGWASA made the following color selections during the meeting:
 - Exterior exposed piping at LS sites: Match interior exposed piping at Joe Peed, Anvil Gray.
 - Joe Peed monorail system: Safety yellow the color for the monorail system should be safety yellow.
- SGWASA noted they will be off this Friday, June 19th, to observe Juneteenth.
- SGWASA noted that they will be off on Friday, July 3rd. Haren and JF Wilkerson will be off this day as well.

Next Meeting

- Tuesday July 21st at 1 pm.

Attendees

Name	Organization	Email
Scott Schroyer	SGWASA	sschroyer@sgwasa.org
Joel Coats	SGWASA	jcoats@sgwasa.org
Chris Summerlin	SGWASA	csummerlin@sgwasa.org
Dan Berry	HCCI	dberry@harenconstruction.com
Josh Bustamante	HCCI	joshbustamante@harenconstruction.com
Corey Ritter	JF Wilkerson	critter@jfwilkerson.com
Logan Halladay	CDM Smith	halladayla@cdmsmith.com
Bill Mason	CDM Smith	masonwr@cdmsmith.com
Greg Hoch	CDM Smith	hochgg@cdmsmith.com
Chris Bowers	CDM Smith	bowersjc@cdmsmith.com
Michael Sloop	CDM Smith	Sloopmk@cdmsmith.com
Jason Hofmann	CDM Smith	hofmannjr@cdmsmith.com

I-85 Sanitary Sewer System Improvements – CP 1

Monthly Meeting Update

- Work Completed in the last 30 days:
 - o Installed roofing at valve/electrical building.
 - o Poured odor control equipment pads.
 - o Poured electrical pad at EM.
 - o Poured jib crane foundations.
 - o Installed bollards at EM.
 - o Installed underground FRP duct at both sites.
 - o Began installing monorail frame at JP.
 - o Dun-Right completed the wet well coatings at both sites.
 - o Electricians completed ductbank and in/under work at EM.
 - o Wilkerson completed the EM force main, continued work on the combined force main, and worked on the JP gravity line.
- Work Planned for the next 30 days:
 - o Set odor control equipment & appurtenances.
 - o Final block cleaning at valve/electrical building.
 - o Electrical in & under and ductbanks at JP.
 - o Form and pour generator pads.
 - o Wilkerson will complete the combined force main, make the JP gravity line creek crossing, and likely start on the JP forcemain.
- Schedule Updates/Changes: The Wilkerson work is currently the critical path of the project. Recall that Wilkerson is still planning to complete their work by 12/31/26.
- Coordination Items: We will continue to submit requests for information as things come up.
- Important Delivery Dates:
- Critical Shop Drawings/RFI's:
- Copy of Construction Schedule: Updated schedule was sent separately.

Code 1: APPROVED

Code 2: APPROVED AS NOTED

Code 3: APPROVED AS NOTED/CONFIRM

Code 4: APPROVED AS NOTED/RESUBMIT

Code 5: NOT APPROVED/RESUBMIT

Code 6: COMMENTS ATTACHED

Code 7: RECEIPT ACKNOWLEDGED

SGWASA I-85 Sanitary Sewer Improvements Construction Package 1 - SGWASA

Submittal Log As Of:

6/16/2026

Spec #	Submission #	Revision	Description	Date Received From Contractor	Date Sent To Reviewer	Date Returned By Reviewer	Date Returned To Contractor	Reviewer	Review Code	Review Time (days)	Resubmittal Outstanding?	Confirmation Outstanding?	Comments
31 05 19.13	001	A	Nonwoven Geotextile Fabric	3/25/2025	3/25/2025	4/1/2025	4/1/2025	L. Halladay	2	7			
31 25 00	001	A	Erosion Control for PS Sites	3/25/2025	3/25/2025	4/1/2025	4/1/2025	L. Halladay	2	7			
31 05 15	001	A	Crushed Stone	3/27/2025	3/27/2025	4/1/2025	4/1/2025	L. Halladay	2	5			
08 34 83	001	A	Floor Doors	3/31/2025	3/31/2025	4/16/2025	4/16/2025	J. Van Geffen, J. Yu	2	16			
33 41 00	001	A	RCP at Joe Peed Entrance	3/31/2025	3/31/2025	4/1/2025	4/1/2025	L. Halladay	1	1			
26 32 13.13	001	A	Joe Peed Gen Set & ATS	4/4/2025	4/7/2025	4/28/2025	4/29/2025	T. Roschen, P. Aker, N. Mueller	4	25			
26 32 13.13	001	B	Joe Peed Gen Set & ATS	5/21/2025	5/21/2025	6/20/2025	6/20/2025	T. Roschen, P. Aker, J. Rosenthal	4	30			
26 32 13.13	001	C	Joe Peed Gen Set & ATS	10/17/2025	10/20/2025	10/31/2025	10/31/2025	T. Roschen, P. Aker	4	14	Y		
26 32 13.13	002	A	East Middleton Gen Set & ATS	4/4/2025	4/7/2025	4/28/2025	4/29/2025	T. Roschen, P. Aker, N. Mueller	4	25			
26 32 13.13	002	B	East Middleton Gen Set & ATS	5/21/2025	5/21/2025	6/20/2025	6/20/2025	T. Roschen, P. Aker, J. Rosenthal	4	30			
26 32 13.13	002	C	East Middleton Gen Set & ATS	10/17/2025	10/20/2025	10/31/2025	10/31/2025	T. Roschen, P. Aker	4	14	Y		
26 05 26	001	A	Grounding and Lightning Protection	4/7/2025	4/7/2025	4/21/2025	4/22/2025	L. Burns	4	15			
26 05 26	001	B	Grounding and Lightning Protection	6/12/2026	6/12/2026	6/15/2026	6/16/2026	T. Roschen	3	4		Y	
03 15 00	001	A	Construction Joint Layout	4/17/2025	4/17/2025	4/30/2025	4/30/2025	N. Mueller	2	13			
31 23 17	001	A	Controlled Blasting Plan	4/21/2025	4/21/2025	4/25/2025	4/25/2025	P. Gilmartin, J. Briand	5	4			
31 23 17	001	B	Controlled Blasting Plan	4/29/2025	4/29/2025	5/2/2025	5/2/2025	P. Gilmartin, J. Briand	3	3			
40 05 19	001	A	DIP & Accessories Product Information	4/23/2025	4/23/2025	5/29/2025	5/29/2025	J. Van Geffen	3	37			
1780-26	001	A	Project Sign	4/23/2025	4/23/2025	4/24/2025	4/24/2025	L. Halladay	4	2			
1780-26	001	B	Project Sign	4/24/2025	4/24/2025	4/25/2025	4/25/2025	L. Halladay	1	1			
31 50 00	001	A	Shoring Plan	4/29/2025	4/29/2025	5/1/2025	5/2/2025	P. Gilmartin, J. Briand	7	3			
31 50 00	001	B	Shoring Plan	5/20/2025	5/20/2025	5/28/2025	5/28/2025	P. Gilmartin, J. Briand	7	8			
31 50 00	001	C	Shoring Plan	5/30/2025	5/30/2025	5/30/2025	5/30/2025	P. Gilmartin, J. Briand	7	0			
31 25 00	002	A	Erosion Control for Pipeline Work	4/30/2025	4/30/2025	4/30/2025	4/30/2025	L. Halladay	4	0	Y		
32 92 00	001	A	Seeding	5/2/2025	5/2/2025	5/6/2025	5/6/2025	L. Halladay	1	4			
31 23 19	001	A	Dewatering	5/6/2025	5/6/2025	5/6/2025	5/12/2025	P. Gilmartin, J. Briand	7	6			
31 23 19	001	B	Dewatering	5/12/2025	5/12/2025	5/23/2025	5/23/2025	P. Gilmartin, J. Briand	1	11			
01 29 00	001	A	Schedule of Values	5/13/2025	5/13/2025	6/11/2025	6/12/2025	L. Halladay, B. Mason	7	30			
01 32 00	001	A	Overall Project Schedule	5/13/2025	5/13/2025	6/11/2025	6/12/2025	L. Halladay, B. Mason	7	30			
01 32 00	001	B	Overall Project Schedule	6/12/2025	6/12/2025	7/7/2025	7/7/2025	L. Halladay, B. Mason	7	25			
03 15 00	002	A	Waterstop	5/13/2025	5/13/2025	5/30/2025	5/31/2025	J. Yu	1	18			
33 00 00	001	A	Water Piping and Accessories	5/21/2025	5/21/2025	6/20/2025	6/20/2025	L. Halladay, J. Van Geffen	4	30			
33 00 00	001	B	Water Piping and Accessories	7/21/2025	7/22/2025	8/6/2025	8/6/2025	L. Halladay, J. Van Geffen	3	16			
33 00 00	002	A	Sewer Piping and Accessories	5/21/2025	5/21/2025	6/13/2025	6/13/2025	L. Halladay	3	23			
33 00 00	002	B	Sewer Piping and Accessories	6/17/2025	6/17/2025	6/23/2025	6/23/2025	L. Halladay	2	6			
33 05 13	001	A	Manhole Accessories	5/21/2025	6/11/2025	6/12/2025	6/12/2025	L. Halladay	3	22			
33 05 13	001	B	Manhole Accessories	6/17/2025	6/17/2025	6/20/2025	6/20/2025	L. Halladay	2	3			
33 05 13	001	C	Manhole Accessories	1/29/2026	1/29/2026	1/30/2026	1/30/2026	L. Halladay	1	1			
40 05 78.29	001	A	Utility Air Release Valves (Force Main)	5/21/2025	5/21/2025	6/20/2025	6/20/2025	L. Halladay	4	30			
40 05 78.29	001	B	Utility Air Release Valves (Force Main)	9/11/2025	9/12/2025	9/17/2025	9/17/2025	L. Halladay	2	6			
26 51 19	001	A	Combined Lighting	5/22/2025	5/22/2025	6/10/2025	6/11/2025	T. Roschen	3	20			
26 51 19	001	B	Combined Lighting	7/22/2025	7/23/2025	7/28/2025	7/28/2025	T. Roschen	1	6			
26 51 19	001	C	Combined Lighting	2/23/2026	2/23/2026	3/2/2026	3/3/2026	T. Roschen	1	8			
03 20 00	001	A	Reinforcing Steel	6/3/2025	6/3/2025	7/1/2025	7/1/2025	N. Mueller	5	28			
03 20 00	001	B	Reinforcing Steel	7/16/2025	7/16/2025	8/15/2025	8/15/2025	N. Mueller	4	30			
03 20 00	001	C	Reinforcing Steel	9/17/2025	9/17/2025	9/23/2025	9/23/2025	N. Mueller, J. Yu	4	6			
03 20 00	001	D	Reinforcing Steel	10/14/2025	10/14/2025	10/29/2025	10/29/2025	N. Mueller, J. Yu	2	15			
04 20 00	001	A	Masonry	6/3/2025	6/3/2025	6/24/2025	6/24/2025	G. Triana, N. Mueller	3	21		Y	
40 05 19	002	A	In & Under DIP	6/11/2025	6/11/2025	6/12/2025	6/12/2025	L. Halladay	4	1			
40 05 19	002	B	In & Under DIP	6/12/2025	6/12/2025	6/12/2025	6/12/2025	L. Halladay	1				
03 30 00	001	A	Ready Mix Concrete and Grout	6/11/2025	6/11/2025	7/8/2025	7/8/2025	J. Yu	3	27			
03 30 00	001	B	Ready Mix Concrete and Grout	7/8/2025	7/8/2025	7/25/2025	7/25/2025	J. Boggs	4	17			
03 30 00	001	C	Ready Mix Concrete and Grout	7/30/2025	7/30/2025	8/20/2025	8/20/2025	L. Yu	2	21			
40 05 65.33	001	A	Check Valves	6/12/2025	6/12/2025	7/7/2025	7/7/2025	J. Van Geffen, L. Halladay, P. Aker, T. Roschen	3	25			
40 05 65.33	001	B	Check Valves	7/17/2025	7/17/2025	7/25/2025	7/28/2025	J. Van Geffen, L. Halladay, P. Aker, T. Roschen	1	11			
40 05 78.29	002	A	Air Valves (Pump Station)	6/12/2025	6/12/2025	6/30/2025	6/30/2025	J. Van Geffen, L. Halladay	4	18			
40 05 78.29	002	B	Air Valves (Pump Station)	7/8/2025	7/8/2025	7/17/2025	7/17/2025	J. Van Geffen, L. Halladay	5	9			
40 05 78.29	002	C	Air Valves (Pump Station)	9/12/2025	9/15/2025	9/15/2025	9/16/2025	L. Halladay	2	4			
33 05 13	002	A	Manholes and Remaining Accessories	6/13/2025	6/13/2025	6/19/2025	6/19/2025	L. Halladay	5	6			
33 05 13	002	B	Manholes and Remaining Accessories	7/22/2025	7/22/2025	8/8/2025	8/8/2025	L. Halladay	5	17			
33 05 13	002	C	Manholes and Remaining Accessories	9/2/2025	9/3/2025	9/16/2025	9/17/2025	L. Halladay	2	15			
03 10 00	001	A	Concrete Formwork	6/17/2025	6/17/2025	7/15/2025	7/15/2025	J. Yu	5	28			
03 10 00	001	B	Concrete Formwork	7/31/2025	7/31/2025	8/20/2025	8/20/2025	J. Yu	7	20			
40 05 19	003	A	In & Under DIP	6/20/2025	6/20/2025	7/1/2025	7/1/2025	J. Van Geffen, N. Smith	1	11			
05 50 00	001	A	Miscellaneous Metals	6/23/2025	6/23/2025	7/16/2025	7/16/2025	L. Halladay, J. Yu	2	23			
40 05 51	001	A	Valve Box	7/1/2025	7/1/2025	7/17/2025	7/17/2025	J. Van Geffen, L. Halladay	1	16			
40 05 06	001	A	Mechanical Seals and HDPE Sleeves	7/2/2025	7/2/2025	7/17/2025	7/17/2025	J. Van Geffen	1	15			
31 50 00	001	D	Revised Shoring Plan for East Middleton	7/2/2025	7/2/2025	7/8/2025	7/8/2025	P. Gilmartin, J. Briand	7	6			
40 05 62	001	A	Plug Valves for JP and EM	7/3/2025	7/3/2025	7/17/2025	7/17/2025	J. Van Geffen	4	14			
40 05 62	001	B	Plug Valves for JP and EM	9/8/2025	9/8/2025	9/16/2025	9/17/2025	J. Van Geffen	1	9			
40 05 67	001	A	Sewage Surge Relief Valves	7/17/2025	7/17/2025	10/20/2025	10/20/2025	L. Halladay	6	95			
40 05 51	002	A	Tideflex Duckbill Check Valves	7/21/2025	7/21/2025	7/24/2025	7/28/2025	L. Halladay	1	7			Original response issued 7/24/25 revised on 7/28/25.
08 15 00	001	A	Fiberglass Doors, Frames, and Finish Hardware	7/21/2025	7/21/2025	7/25/2025	7/28/2025	G. Triana	2	7			
43 41 43	001	A	Liquid Phase Odor Control	7/21/2025	7/21/2025	8/14/2025	8/14/2025	P. Aker, T. Roschen, L. Stewart, J. Van Geffen	4	24			

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Code 5: NOT APPROVED/RESUBMIT
Code 6: COMMENTS ATTACHED
Code 7: RECEIPT ACKNOWLEDGED

SGWASA I-85 Sanitary Sewer Improvements Construction Package 1 - SGWASA
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6/16/2026

Spec #	Submission #	Revision	Description	Date Received From Contractor	Date Sent To Reviewer	Date Returned By Reviewer	Date Returned To Contractor	Reviewer	Review Code	Review Time (days)	Resubmittal Outstanding?	Confirmation Outstanding?	Comments
43 41 43	001	B	Liquid Phase Odor Control	10/16/2025	10/16/2025	10/30/2025	10/30/2025	P. Aker, T. Roschen, L. Stewart, J. Van Geffen	2	14			
46 24 33	001	A	Open-Channel Grinders	7/21/2025	7/21/2025	8/26/2025	8/26/2025	P. Aker, T. Roschen, J. Van Geffen	4	36			
46 24 33	001	B	Open-Channel Grinders	11/3/2025	11/4/2025	11/12/2025	11/12/2025	P. Aker, T. Roschen, J. Van Geffen	4	9			
46 24 33	001	C	Open-Channel Grinders	12/12/2025	12/12/2025	12/18/2025	12/18/2025	P. Aker, T. Roschen, J. Van Geffen	4	6			
46 24 33	001	D	Open-Channel Grinders	12/19/2025	12/19/2025	1/5/2026	1/5/2026	P. Aker, T. Roschen, J. Van Geffen	3	17		Y	
08 15 00	002	A	Color Chart Sample	7/21/2025	7/21/2025	8/11/2025	8/11/2025	G. Triana	2	21			
26 29 23	001	A	Joe Peed Pump VFDs	8/5/2025	8/6/2025	8/27/2025	8/27/2025	P. Aker, T. Roschen	5	22			
26 29 23	001	B	Joe Peed Pump VFDs	1/28/2026	1/29/2026	2/23/2026	2/23/2026	P. Aker, T. Roschen	5	26			
26 29 23	001	C	Joe Peed Pump VFDs	3/25/2026	3/26/2026	4/7/2026	4/8/2026	P. Aker, T. Roschen	2	14			
43 25 13	001	A	East Middleton Pumps	8/5/2025	8/6/2025	9/11/2025	9/11/2025	P. Aker, T. Roschen, L. Stewart, G. Leaphart, J. Yu	4	37			
43 25 13	001	B	East Middleton Pumps	1/5/2026	1/5/2026	1/29/2026	1/29/2026	P. Aker, T. Roschen, L. Stewart, G. Leaphart, J. Yu	4	24	Y		
43 25 13	002	A	Joe Peed Pumps	8/5/2025	8/6/2025	9/11/2025	9/11/2025	P. Aker, T. Roschen, L. Stewart, G. Leaphart, J. Yu	4	37			
43 25 13	002	B	Joe Peed Pumps	1/5/2026	1/5/2026	2/2/2026	2/2/2026	P. Aker, T. Roschen, L. Stewart, G. Leaphart, J. Yu	4	28	Y		
05 31 00	001	A	Metal Trusses and Steel Decking	8/29/2025	8/29/2025	9/16/2025	9/17/2025	L. Yu	4	19	Y		
33 05 13	003	A	Vented Manhole Covers	9/5/2025	9/8/2025	10/22/2025	10/22/2025	L. Halladay	4	47	Y		
26 24 13	001	A	Joe Peed Electrical Gear	9/9/2025	9/9/2025	9/29/2025	9/29/2025	T. Roschen; E. Seams	4	20	Y		
33 05 13	004	A	Manholes and Structures	9/12/2025	9/12/2025	10/7/2025	10/7/2025	J. Van Geffen, N. Mueller	5	25			
33 05 13	004	B	Manholes and Structures	10/16/2025	10/16/2025	10/23/2025	10/23/2025	N. Mueller, J. Rosenthal, J. Van Geffen, L. Halladay	7	7			
23 82 39 20	001	A	Electric Unit Heaters	9/18/2025	9/18/2025	10/9/2025	10/9/2025	T. Roschen, M. McMahon	5	21			
23 82 39 20	001	B	Electric Unit Heaters	10/17/2025	10/17/2025	10/22/2025	10/22/2025	T. Roschen, M. McMahon	1	5			
23 81 26	001	A	Split-System Air Conditioners	9/18/2025	9/18/2025	10/9/2025	10/9/2025	T. Roschen, M. McMahon	3	21			
23 81 26	001	B	Split-System Air Conditioners	11/7/2025	11/10/2025	11/12/2025	11/12/2025	T. Roschen, M. McMahon	2	5			
23 33 00	001	A	Motor Operated Dampers and Louvers	9/19/2025	9/19/2025	10/9/2025	10/9/2025	T. Roschen, M. McMahon, G. Triana	5	20			
23 33 00	001	A	Motor Operated Dampers and Louvers	11/11/2025	11/11/2025	12/10/2025	12/10/2025	T. Roschen, M. McMahon, G. Triana	2	31			
40 05 62	002	A	Pipeline Plug Valves	9/23/2025	9/23/2025	10/9/2025	10/9/2025	L. Broyles	2	16			
22 05 23 12	001	A	Ball Valves for Plumbing Piping	9/25/2025	9/26/2025	10/9/2025	10/9/2025	M. McMahon	1	14			
22 11 16	001	A	Domestic Water Piping	9/25/2025	9/26/2025	10/9/2025	10/9/2025	M. McMahon	1	14			
22 05 53	001	A	Identification for Pipeline and Equipment	9/25/2025	9/26/2025	10/9/2025	10/9/2025	M. McMahon	1	14			
22 13 19	001	A	Specialties for Waste Piping	9/25/2025	9/26/2025	10/9/2025	10/9/2025	M. McMahon	1	14			
22 05 29	001	A	Hanger and Supports for Plumbing Piping and Equip.	9/25/2025	9/26/2025	10/9/2025	4/16/2026	L. Halladay	2	203			Originally returned on 10/9/2025, revised and returned 4/16/2026
07 92 00	001	A	Caulking	9/29/2025	9/29/2025	10/20/2025	10/20/2025	J. Yu, G. Triana	2	21			
07 92 00	001	B	Caulking	11/7/2025	11/10/2025	11/20/2025	11/20/2025	G. Triana	2	13			
09 96 76 13	001	A	Coatings	9/30/2029	9/30/2029	10/23/2025	10/23/2025	J. Yu, G. Triana, N. Mueller	5				
09 96 76 13	001	B	Coatings	1/13/2026	1/14/2026	1/21/2026	1/21/2026	J. Yu, G. Triana, N. Mueller	4	8			
09 96 76 13	001	C	Coatings	2/3/2026	2/3/2026	2/23/2026	2/23/2026	J. Yu, G. Triana, N. Mueller, L. Halladay	2	20			
10 73 13	001	A	Awnings	9/30/2025	9/30/2025	10/24/2025	10/24/2025	L. Yu	4	24			
10 73 13	001	B	Awnings	11/5/2025	11/6/2025	12/9/2025	12/9/2025	J. Yu, G. Triana	2	34			
33 00 00	003	A	Sewer Piping Accessory Alternates	10/1/2025	10/1/2025	10/1/2025	10/1/2025	L. Halladay	1	0			
33 05 13	005	A	Watertight Cast-in Manhole Covers	10/8/2025	10/8/2025	10/9/2025	10/9/2025	L. Halladay	3	1		Y	
26 05 33	001	A	Stainless Steel Junction Boxes	10/9/2025	10/9/2025	10/23/2025	10/23/2025	T. Roschen	4	14			
26 05 33	001	B	Stainless Steel Junction Boxes	12/9/2025	12/9/2025	12/18/2025	12/18/2025	T. Roschen	1	9			
26 05 29	001	A	Strut Supports for Electrical	10/9/2025	10/9/2025	10/31/2025	10/31/2025	J. Yu, T. Roschen	4	22			
26 05 29	001	B	Strut Supports for Electrical	1/5/2026	1/5/2026	2/2/2026	2/2/2026	J. Yu, T. Roschen	3	28		Y	
26 05 29	001	C	Strut Supports for Electrical	2/3/2026	2/3/2026	2/27/2026	2/27/2026	J. Yu, T. Roschen	4	24			
26 05 29	001	D	Strut Supports for Electrical	3/19/2026	3/19/2026	3/30/2026	3/30/2026	J. Yu	2	11			
26 05 33	002	A	Conduit and Fittings	10/9/2025	10/9/2025	10/20/2025	10/20/2025	T. Roschen	2	11			
26 05 23	001	A	Instrumentation Cable	10/9/2025	10/9/2025	10/20/2025	10/20/2025	T. Roschen	3	11			
26 05 23	001	B	Instrumentation Cable	11/18/2025	11/19/2025	12/5/2025	12/5/2025	T. Roschen	1	17			
26 05 19	001	A	Wire and Cable	10/9/2025	10/9/2025	10/20/2025	10/20/2025	T. Roschen	5	11			
26 05 19	001	B	Wire and Cable	11/18/2025	11/19/2025	12/5/2025	12/5/2025	T. Roschen	4	17			
26 05 19	001	C	Wire and Cable	1/5/2026	1/5/2026	1/20/2026	1/20/2026	T. Roschen	1	15			
41 22 13 19	001	A	Jib Crane	10/16/2025	10/16/2025	11/17/2025	11/17/2025	G. Leaphart, E. Mueller	3	32			
41 22 13 19	001	B	Jib Crane	12/9/2025	12/9/2025	12/23/2025	12/23/2025	G. Leaphart, J. Yu	1	14			
26 05 33	003	A	PVC Coated Aluminum Conduit	10/22/2025	10/22/2025	10/23/2025	10/23/2025	T. Roschen	1	1			
40 05 59 23	001	A	Slide Gates	10/24/2025	10/27/2025	11/20/2025	11/20/2025	L. Halladay, P. Aker, J. Yu, J. Van Geffen	4	27			
40 05 59 23	001	B	Slide Gates	1/21/2026	1/21/2026	2/11/2026	2/11/2026	N. Mueller, N. Smith, J. Van Geffen	2	21			
44 31 16	001	A	Vapor Phase Odor Control	11/5/2025	11/6/2025	12/1/2025	12/1/2025	N. Smith, N. Mueller, P. Aker, J. Van Geffen, T. Roschen	4	26			
44 31 16	001	B	Vapor Phase Odor Control	3/30/2026	3/30/2026	4/8/2026	4/9/2026	N. Smith, P. Aker, T. Roschen	4	10	Y		
23 05 93	001	A	Testing Adjusting and Balancing Info	11/7/2025	11/10/2025	11/13/2025	11/13/2025	M. McMahon	1	6			
22 07 19	001	A	Plumbing Piping Insulation	11/11/2025	11/11/2025	12/12/2025	12/12/2025	M. McMahon	4	31			
22 07 19	001	B	Plumbing Piping Insulation	12/19/2025	12/19/2025	1/5/2026	1/5/2026	M. McMahon	4	17	Y		
23 07 19	001	A	HVAC Piping Insulation	11/11/2025	11/11/2025	12/12/2025	12/12/2025	M. McMahon	4	31			
23 07 19	001	B	HVAC Piping Insulation	12/19/2025	12/19/2025	1/5/2026	1/5/2026	M. McMahon	1	17			
23 07 13	001	A	Duct Insulation	11/11/2025	11/11/2025	12/12/2025	12/12/2025	M. McMahon	1	31			

Code 1: APPROVED
Code 2: APPROVED AS NOTED
Code 3: APPROVED AS NOTED/CONFIRM
Code 4: APPROVED AS NOTED/RESUBMIT
Code 5: NOT APPROVED/RESUBMIT
Code 6: COMMENTS ATTACHED
Code 7: RECEIPT ACKNOWLEDGED

SGWASA I-85 Sanitary Sewer Improvements Construction Package 1 - SGWASA
Submittal Log As Of:
6/16/2026

Spec #	Submission #	Revision	Description	Date Received From Contractor	Date Sent To Reviewer	Date Returned By Reviewer	Date Returned To Contractor	Reviewer	Review Code	Review Time (days)	Resubmittal Outstanding?	Confirmation Outstanding?	Comments
41 22 23.19	001	A	Monorail Hoists	11/19/2025	11/19/2025	12/31/2025	12/31/2025	G. Leaphart, E. Mueller, T. Roschen	5	42			
41 22 23.19	001	B	Monorail Hoists	2/10/2026	2/11/2026	3/3/2026	3/3/2026	G. Leaphart, E. Mueller	1	21			
22 13 16	001	A	Sanitary Waste and Vent Piping	11/19/2025	11/20/2025	12/22/2025	12/22/2025	M. McMahon	1	33			
22 13 19	002	A	Sanitary Waste Piping Specialties	11/20/2025	11/21/2025	12/18/2025	12/18/2025	M. McMahon	1	28			
26 24 19	001	A	East Middleton MCC	11/20/2025	11/21/2025	12/19/2025	12/19/2025	T. Roschen, P. Aker	4	29			
26 24 19	001	B	East Middleton MCC	1/5/2026	1/5/2026	1/28/2026	1/28/2026	T. Roschen, P. Aker	2	23			
26 00 00	001	A	Hand Holes and Pole Bases	12/9/2025	12/9/2025	1/6/2026	1/6/2026	N. Mueller, T. Roschen	5				
26 00 00	001	B	Hand Holes and Pole Bases	6/9/2026	6/9/2026								
26 24 13	002	A	East Middleton PS Electrical Gear	12/11/2025	12/12/2025	12/18/2025	12/18/2025	T. Roschen	3	7			
26 24 13	002	B	East Middleton PS Electrical Gear	3/26/2026	3/26/2026	4/7/2026	4/8/2026	T. Roschen	1	13			
23 31 16	001	A	FRP Duct for Vapor Phase Odor Control System	12/19/2025	12/19/2025	1/16/2026	1/16/2026	N. Smith, J. Van Geffen	4	28			
23 31 16	001	B	FRP Duct for Vapor Phase Odor Control System	1/28/2026	1/28/2026	2/11/2026	2/11/2026	N. Smith, J. Van Geffen	2	14			
40 61 00	001	A	Joe Peed PLC and Relay Panel	12/19/2025	12/19/2025	1/14/2026	1/14/2026	P. Aker, T. Roschen	5	26			
40 61 00	001	B	Joe Peed PLC and Relay Panel	6/3/2026	6/3/2026								
40 61 00	002	A	East Middleton PLC and Relay Panel	12/19/2025	12/19/2025	1/14/2026	1/14/2026	P. Aker, T. Roschen	5	26			
40 61 00	002	B	East Middleton PLC and Relay Panel	6/3/2026	6/3/2026								
40 70 00	001	A	Field Instruments	12/19/2025	12/19/2025	1/23/2026	1/23/2026	P. Aker, T. Roschen, G. Leaphart	5	35			
40 70 00	001	B	Field Instruments	6/3/2026	6/3/2026								
22 33 00	001	A	Water Heater	1/28/2026	1/28/2026	1/29/2026	1/29/2026	M. McMahon	2	1			
22 45 00	001	A	Eyewash Station	1/28/2026	1/28/2026	1/29/2026	1/29/2026	M. McMahon	1	1			
03 20 00	002	A	Reinforcing Steel - EM Electrical Pad	2/2/2026	2/2/2026	2/27/2026	2/27/2026	J. Yu	1	25			
23 05 53	001	A	ID for HVAC Piping and Equipment	2/3/2026	2/3/2026	2/11/2026	2/11/2026	M. McMahon	2	8			
05 44 00	001	A	Cold-Formed Metal Trusses	2/18/2026	2/18/2026	2/23/2026	2/23/2026	J. Yu, N. Mueller	4	5			
05 44 00	001	B	Cold-Formed Metal Trusses	3/10/2026	3/10/2026	3/12/2026	3/12/2026	N. Mueller	7	2			
05 44 00	001	C	Cold-Formed Metal Trusses	3/25/2026	3/25/2026	3/30/2026	3/30/2026	N. Mueller	7	5			
08 51 13	001	A	Aluminum Windows	2/19/2026	2/19/2026	3/10/2026	3/10/2026	G. Triana	4	19	Y		
07 41 13.16	001	A	Roofing	2/24/2026	2/24/2026	3/12/2026	3/12/2026	J. Yu, G. Triana	4	16			
07 41 13.16	001	B	Roofing	4/10/2026	4/10/2026	4/21/2026	4/22/2026	J. Yu, G. Triana	7	12			
23 23 00	001	A	Refrigerant Piping	4/8/2026	4/8/2026	4/9/2026	4/9/2026	M. McMahon	4	1			
23 23 00	001	B	Refrigerant Piping	5/13/2026	5/13/2026	5/18/2026	5/18/2026	M. McMahon	3	5		Y	
40 61 00	003	A	AESS Data Command	3/26/2026	3/26/2026	3/30/2026	3/30/2026	P. Aker	5	4	Y		
26 32 13.13	003	A	Joe Peed Generator Stairs and Platform	3/27/2026	3/30/2026	4/16/2026	4/16/2026	L. Halladay	5	20			
26 32 13.13	003	B	JP and EM Generator Stairs and Platform	4/17/2026	4/17/2026	5/5/2026	5/5/2026	L. Halladay, N. Mueller	4	18	Y		
23 05 29	001	A	Hangers and Supports for HVAC Piping and Equipment	3/10/2026	3/10/2026	4/6/2026	4/16/2026	L. Halladay	2	37			Originally returned on 4/6/2026, revised and returned 4/16/2026
40 05 07	001	A	Pipe Hangers and FRP Duct Support Straps	4/15/2026	4/16/2026	5/5/2026	5/5/2026	L. Halladay, N. Mueller	4	20	Y		
42 25 13	003	A	Pump Anchor Bolt Design	5/21/2026	5/21/2026	6/11/2026	6/12/2026	N. Mueller	7	22			
23 37 13.23	001	A	Adjustable Supply Registers	5/21/2026	5/21/2026	5/22/2026	5/27/2026	M. McMahon	1	6			
23 34 23	001	A	Exhaust Fan & Damper	5/21/2026	5/21/2026	5/22/2026	5/27/2026	M. McMahon	2	6			
03 20 00	003	A	Rebar for Generator Pads	6/12/2026	6/12/2026								

Received =

176

Returned =
In Review =

171
5

Avg Rev Time =

17.7

calendar days

Outstanding

14

6

SGWASA I-85 Sanitary Sewer Improvements Construction Package 1 - SGWASA

RFI Log As Of:

6/16/2026

RFI No.	Name	Date Received From Contractor	Requested Date of Return	Date Sent To Reviewer	Date Returned By Reviewer	Date Returned To Contractor	Response By:	Review Time (days)
001	Testing	1/3/2025	1/10/2025	1/3/2025	1/6/2025	1/7/2025	L. Halladay, B. Mackie	4
002	Stationing of Joe Peed Gravity Sewer	1/6/2025	1/10/2025	1/6/2025	1/6/2025	1/7/2025	L. Halladay	1
003	Cutting of Mature Trees	1/14/2025	1/21/2025	1/14/2025	1/15/2025	1/17/2025	L. Halladay	3
004	PS Lump Sum and Unit Price Work	1/29/2025	2/12/2025	1/29/2025	1/29/2025	1/30/2025	L. Halladay	1
005	HFAC for Process Piping	1/30/2025	2/12/2025	1/30/2025	1/30/2025	1/30/2025	L. Halladay	0
006	Valve Room Pipe Penetrations	1/30/2025	2/13/2025	1/30/2025	1/31/2025	1/31/2025	L. Halladay	1
007	8-in Discharge Line at PS Influent Channel	1/30/2025	2/13/2025	1/30/2025	1/30/2025	1/30/2025	L. Halladay, B. Mackie	0
008	Emergency Shower and Eyewash Station	1/30/2025	2/13/2025	1/30/2025	1/30/2025	2/4/2025	L. Halladay	5
009	East Middleton Wetwell Check Valve	1/31/2025	2/14/2025	1/31/2025	2/12/2025	2/12/2025	L. Halladay	12
010	Bypass Pipe Connections	2/3/2025	2/17/2025	2/3/2025	2/12/2025	2/12/2025	L. Halladay	9
011	Aluminum Hatches	2/27/2025	3/13/2025	2/27/2025	2/28/2025	2/28/2025	L. Halladay	1
012	Concrete Mix Design	3/3/2025	3/10/2025	3/3/2025	3/11/2025	3/11/2025	N. Mueller	8
013	Additional Disturbed Areas at Joe Peed LS	3/20/2025	3/28/2025	3/20/2025	4/11/2025	4/11/2025	L. Halladay	22
014	Temporary Furnishings and Services	4/9/2025	4/16/2025	4/9/2025	4/14/2025	4/14/2025	L. Halladay	5
015	Checkered Plate Covers at Slide Gates	4/10/2025	4/17/2025	4/17/2024	4/21/2025	4/21/2025	L. Halladay, J. Van Geffen, E. Mueller	11
016	Field Office Trailer Skirting	4/11/2025	4/18/2025	4/11/2025	4/11/2025	4/11/2025	L. Halladay	0
017	Joe Peed Pump 4 Piping	4/14/2025	4/17/2025	4/14/2025	4/17/2025	4/17/2025	L. Halladay	3
018	24in Gravity Sewer at Joe Peed PS	4/16/2025	4/30/2025	4/16/2025	4/23/2025	4/23/2025	L. Halladay	7
019	Proposed Inverted Keyway	4/22/2025	4/29/2025	4/22/2025	4/24/2025	4/25/2025	N. Mueller	3
020	East Middleton PS Site Conditions	4/28/2025	5/2/2025	4/28/2025	4/29/2025	4/29/2025	P. Gilmartin, L. Halladay	1
021	Joe Peed CAV Sizing	4/28/2025	5/2/2025	4/28/2025	5/2/2025	5/2/2025	L. Halladay	4
022	Backfill and Leak Testing Lift Stations	5/13/2025	5/27/2025	5/13/2025	5/16/2025	5/16/2025	L. Halladay, J. Van Geffen, N. Mueller	3
023	Joe Peed Valve Building Pipe Penetrations	5/13/2025	5/27/2025	5/13/2025	5/16/2025	5/16/2025	L. Halladay, J. Van Geffen	3
024	Joe Peed Gravity Sewer and Force Main Stationing	5/13/2025	5/27/2025	5/13/2025	5/20/2025	5/20/2025	L. Halladay	7
025	East Middleton Influent Baffle Details	5/21/2025	5/28/2025	5/21/2025	6/6/2025	6/6/2025	J. Van Geffen, N. Mueller	16
026	Power to Degreaser Pumps	6/6/2025	6/13/2025	6/6/2025	6/19/2025	6/19/2025	T. Roschen	13
027	Grinder E-Stops	6/10/2025	6/20/2025	6/10/2025	6/20/2025	6/20/2025	J. Van Geffen, P. Aker	10
028	East Middleton Gravity Sewer Details	6/20/2025	7/4/2025	6/20/2025	6/30/2025	6/30/2025	L. Halladay	10
029	Precast Vault Dimensions	6/24/2025	7/1/2025	6/24/2025	6/30/2025	6/30/2025	L. Halladay	6
029 - R1	Precast Vault Dimensions	7/17/2025	7/24/2025	7/17/2025	7/23/2025	7/23/2025	L. Halladay, J. Van Geffen	6
030	Water Meters	6/25/2025	7/2/2025	6/25/2025	7/1/2025	7/1/2025	L. Halladay	6
031	Hoisting Questions	7/11/2025	7/18/2025	7/11/2025	7/16/2025	7/16/2025	Halladay, J. Van Geffen, N. Mueller, T. Roschen	5
031 - R1	Hoisting Questions	7/16/2025	7/24/2025	7/16/2025	7/24/2025	7/24/2025	Halladay, J. Van Geffen, N. Mueller, T. Roschen	8
032	Grinder Hatches	7/11/2025	7/18/2025	7/11/2025	7/16/2025	7/16/2025	L. Halladay	5
033	ARV Connection to Force Main	9/29/2025	ASAP	9/29/2025	9/30/2025	9/30/2025	L. Halladay	1
034	Hotbox Enclosure Circuit Breakers	10/9/2025	10/16/2025	10/9/2025	10/17/2025	10/17/2025	T. Roschen	8
035	16" Force Main Pipe Substitution	10/13/2025	10/17/2025	10/13/2025	10/13/2025	10/14/2025	L. Halladay	1
036	Duct Bank Questions	12/29/2025	1/9/2026	12/29/2025	1/9/2026	1/9/2026	T. Roschen	11
037	AHU-1 Location	1/9/2026	1/16/2026	1/9/2026	1/16/2026	1/16/2026	T. Roschen, M. McMahon	7
038	Electrical Racks	3/19/2026	3/26/2026	3/19/2026	3/26/2026	3/26/2026	T. Roschen, N. Mueller	7
039	Thermostat Location	5/20/2026	5/27/2026	5/20/2026	5/27/2026	5/27/2026	M. McMahon	7

Received = 41

Returned = 41
In Review = 0

Avg. Review Time =

6.0

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.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
I-85 Sanitary Sewer System Improvements - Construction Package 1		675	346	17-Feb-25		12-Jun-26	27-Oct-27	13-Apr-26	27-Oct-27			0
Project Initialization		60	0	17-Feb-25	22-May-25	12-Jun-26	12-Jun-26	13-Apr-26	22-Dec-26			
A1000	Contract Finalized	0	0	17-Feb-25		12-Jun-26		13-Apr-26			A1010, A1020, A1050, Z1000, Z1020, Z1040, Z1060, Z1090, Z1120, Z1150, Z1180, Z1210, Z1250, Z1270, Z1300, Z1330, Z1350, Z1380, Z1410, Z1440, Z1470, Z1500, Z1530, Z1560, Z1590, Z1620, Z1650, Z1680, Z1710, Z1740, Z1770, Z1800, Z1830, Z1860, Z1890, Z1920, Z1950, Z1980, Z2010, Z2040, Z2070, Z2100, Z2130, Z2160, Z2220, Z2250, Z2280, Z2310, Z2340, Z2370, Z2430, Z2460, Z2490, Z2520, Z1870, Z1930, Z1372, Z1402	
A1010	Notice to Proceed	0	0	31-Mar-25		12-Jun-26		13-Apr-26		A1000	A1030, A1060, B1060, J1050	
A1020	Clearing Moritorium (12/1 - 3/31)	31	0	17-Feb-25	31-Mar-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1000	B1020	
A1030	Mobilization	1	0	31-Mar-25	31-Mar-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1010	A1040, B1010, J1000	
A1040	Preconstruction Photos	2	0	27-Mar-25	27-Mar-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1030	B1020	
A1050	NC 811 Locate Request and Marking	3	0	19-Mar-25	24-Mar-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1000	B1020	
A1060	Wilkerson Mobilization	5	0	16-Apr-25	22-Apr-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	A1010	Q0010, R1000	
A1070	Install Temporary Office Compound at Joe Peed Site	5	0	15-May-25	22-May-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1040	C1030	
Joe Peed Lift Station		529	200	17-Mar-25		12-Jun-26	01-Apr-27	22-Dec-26	29-Jun-27			62
Sitework		524	111	17-Mar-25		12-Jun-26	24-Mar-27	22-Dec-26	22-Jun-27			62
B1010	Layout Clearing Limits	2	0	17-Mar-25	18-Mar-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1030	B1020	
B1020	Limited Clearing & Grubbing (Enough to Install Erosion Control)	2	0	01-Apr-25	02-Apr-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1020, A1040, A1050, B1010	B1030	
B1030	Initial Erosion Control Installation	4	0	03-Apr-25	04-Apr-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1020	B1040	
B1040	Complete Clearing & Grubbing, Including Expanded Limits	16	0	04-Apr-25	25-Apr-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1030	A1070, B1050, C1000	
B1050	Complete Erosion Control Installation, Including Temporary Skimmer Basin	15	0	25-Apr-25	22-May-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1040	C1020	
B1060	Temporary Power to Site or Dewatering Generator if No Power Available	20	0	10-Apr-25	29-May-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	A1010	C1020	
B1070	Rough Grading of Site	3	1	23-Mar-26		13-Oct-26	13-Oct-26	03-Jun-27	03-Jun-27	C1170, C1190, D1090, E1040, E1050, E1070	B1080, B1100	159

Start Date: 17-Feb-25
Finish Date: 27-Oct-27
Data Date: 12-Jun-26
Run Date: 12-Jun-26



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

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
	 B1080 Asphalt Paving, and Gravel Driveway to North of LS Fence Limits	8	8			04-Mar-27	15-Mar-27	04-Jun-27	15-Jun-27	B1070, R1030, Q1070	B1090, B1110	64
	 B1090 Fine Grading, Grassing, and Graveling	4	3	23-Mar-26		16-Mar-27	18-Mar-27	18-Jun-27	22-Jun-27	B1080, B1100	C1330	66
	 B1100 Convert Temporary Skimmer Basin to Bioretention Basin	5	5			14-Oct-26	20-Oct-26	11-Jun-27	17-Jun-27	B1070	B1090	164
	 B1110 Install Fencing	5	5			16-Mar-27	22-Mar-27	16-Jun-27	22-Jun-27	B1080, Z1290	C1330	64
	 B1120 Fine Grade GS & Water Line Area, Concrete Paving & Complete Gravel Drive to N of LS Fence	10	10			09-Mar-27	22-Mar-27	07-Jun-27	18-Jun-27	E1120	B1130	62
	 B1130 Final Grading & Grassing of GS & Water Line Area	2	2			23-Mar-27	24-Mar-27	21-Jun-27	22-Jun-27	B1120	C1330	62
	 Lift Station	474	200	29-Apr-25		12-Jun-26	01-Apr-27	22-Dec-26	29-Jun-27			62
	 C1000 Layout Station	1	0	29-Apr-25	30-Apr-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1040	C1010	
	 C1010 Drilling & Blasting for Station	10	0	08-May-25	19-May-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1000, Z1010	C1020, Q1000	
	 C1020 Dewater, Excavate, and Shore Station	30	0	02-Jun-25	29-Jul-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	B1060, C1010, B1050, Z1050, Z1260	C1030, E1030	
	 C1030 Place Stone Under El. 247.50 Slab	1	0	30-Jul-25	30-Jul-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1020, A1070	C1040	
	 C1040 Form, Rebar & Pour El. 247.50 Slab (Pour 1)	5	0	04-Aug-25	08-Aug-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1030, Q1000, Z1030, Z2120, Z2510	C1050, C1070	
	 C1050 Form, Rebar, Pour & Cure Stub Wall from 247.50 Slab to Bottom of 253.50 Slab (Pour 2)	10	0	11-Aug-25	15-Aug-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1040, Z1340	C1060	
	 C1060 Backfill (w/ Stone) and Form, Rebar & Pour El. 253.50 Slab (Pour 3)	10	0	18-Aug-25	21-Aug-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1050	C1080	
	 C1070 Form, Rebar & Pour Wet Well Walls to El. 265.50 (Pour 4)	10	0	11-Aug-25	09-Sep-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1040, Z1864	C1080	
	 C1080 Form, Rebar & Pour Influent Channel Walls to El. 265.50 (Pour 5)	10	0	26-Aug-25	30-Sep-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1070, C1060	C1090	
	 C1090 Form, Rebar & Pour Wet Well Walls to El. 281.50 (Pour 6)	10	0	09-Sep-25	17-Oct-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1080	C1100	
	 C1100 Form, Rebar & Pour Influent Channel Walls to El. 281.50 (Pour 7)	10	0	30-Sep-25	31-Oct-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1090	C1110, C1160, Q1010	
	 C1110 Form, Rebar, Electrical In/Under & Pour El. 282.50 Top Deck (Pour 8)	25	0	31-Oct-25	14-Nov-25	12-Jun-26	12-Jun-26	18-Mar-27	18-Mar-27	C1100, Z1140, Z1320	C1120	
	 C1120 Top Deck Curing	10	0	14-Nov-25	28-Nov-25	12-Jun-26	12-Jun-26	18-Mar-27	18-Mar-27	C1110	C1130, C1270, C1170, D1090	
	 C1130 Water Test Pump Station	5	0	17-Nov-25	26-Nov-25	12-Jun-26	12-Jun-26	18-Mar-27	18-Mar-27	C1120	C1140, C1135	
	 C1135 Initial Backfill of Station to ~El. 272	15	0	25-Nov-25	16-Dec-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	C1130	D1000	
	 C1140 Remove Station Top Deck Shoring and Decking	5	0	17-Dec-25	31-Dec-25	12-Jun-26	12-Jun-26	18-Mar-27	18-Mar-27	C1130	C1150, C1200	
	 C1150 Grout Fills in Wet Well & Influent Channel, Pump Pads	5	5			12-Jun-26	18-Jun-26	18-Mar-27	24-Mar-27	C1140	C1220	190
	 C1160 Grind & Patch Exterior Walls Not Previously Completed	5	0	14-Nov-25	30-Jan-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	C1100	D1000	
	 C1170 Complete Backfill of Station to Approximate Final Grades	7	0	03-Mar-26	12-Mar-26	08-Oct-26	08-Oct-26	05-May-27	05-May-27	D1080, E1000, E1010, C1120, E1020, Q1030	C1180, B1070, E1060, E1070, E1080, E1150, F1000, G1000, E1100, E1110	
	 C1180 Excavate and Form, Rebar & Pour Jib Crane Footer and Column	5	0	29-May-26	05-Jun-26	08-Oct-26	08-Oct-26	02-Jun-27	02-Jun-27	C1170, Z1450	C1190	
	 C1190 Backfill Jib Crane Footer and Column	1	1			09-Oct-26	09-Oct-26	02-Jun-27	02-Jun-27	C1180	C1290, B1070	160
	 C1200 Grind & Patch Station Interior Walls	10	0	16-Mar-26	16-Apr-26	12-Jun-26	12-Jun-26	25-Mar-27	25-Mar-27	C1140	C1220	
	 C1220 Apply Influent Channel & Wet Well Wastewater Collection System Coatings	15	0	16-Apr-26	22-May-26	18-Jun-26	18-Jun-26	25-Mar-27	25-Mar-27	C1150, C1200, Z1820	C1230	
	 C1230 Install Grinders, Pumps, Pump Discharge Piping, Slide Gates, & Valve Building Drain Check Valve	20	20			09-Oct-26	05-Nov-26	25-Mar-27	22-Apr-27	C1220, Z1430, Z1866, Z2180, Z2360, Z1850, Z2058	C1240, C1260, C1310	113
	 C1240 Install Grounding, Conduit, Panels & Disconnects	20	20			06-Nov-26	07-Dec-26	23-Apr-27	20-May-27	C1230, Z1140, Z1170	C1250, C1280	113
	 C1250 Pull Wire & Make Terminations	15	15			08-Dec-26	31-Dec-26	21-May-27	11-Jun-27	C1240, Z1110	C1320	113

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
		C1260 Instrumentation & Controls	10	10			11-Feb-27	24-Feb-27	28-May-27	11-Jun-27	C1230, Z1550, Z1580	C1320	75
		C1270 Install Monorail Frame, Hoist & Trolley	5	5			28-Jul-26	03-Aug-26	02-Jun-27	08-Jun-27	C1120, Z1490	C1280	212
		C1280 Install Electrical to Hoist & Trolley	1	1			08-Dec-26	08-Dec-26	09-Jun-27	09-Jun-27	C1270, C1240	C1300	125
		C1290 Install Jib Crane	3	3			12-Oct-26	14-Oct-26	07-Jun-27	09-Jun-27	C1190, Z1460	C1300	162
		C1300 Startup Monorail Hoist, Load Test Hoist & Jib Crane	2	2			09-Dec-26	10-Dec-26	10-Jun-27	11-Jun-27	C1290, C1280	C1320	125
		C1310 Painting of Wet Well Piping	5	5			06-Nov-26	12-Nov-26	07-Jun-27	11-Jun-27	C1230, Z2060, Z1820	C1320	143
		C1320 Preliminary Station Checkout/Startup Prior to Completion of Southern Interceptor	7	7			25-Feb-27	05-Mar-27	14-Jun-27	22-Jun-27	C1300, C1310, C1250, C1260, E1130, E1140, E1150, D1270, F1070, G1060, H1060	C1330, V1000, Y1000	75
		C1330 Preliminary Punchlist at Joe Peed Station	5	5			25-Mar-27	01-Apr-27	23-Jun-27	29-Jun-27	D1280, B1090, B1110, C1320, B1130	U1000	62
		Valve Building	295	174	16-Dec-25		12-Jun-26	23-Feb-27	05-Apr-27	22-Jun-27			83
		D1000 Excavate for Valve Building While Backfilling PS to ~El. 275	7	0	16-Dec-25	19-Dec-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	C1160, C1135	D1010	
		D1010 Place Stone Under Building Footer	1	0	29-Dec-25	29-Dec-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1000	D1020	
		D1020 Form, Rebar & Pour Building Footer	10	0	29-Dec-25	31-Dec-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1010, Z2120, Z1030	D1030	
		D1030 Form, Rebar, In/Under & Pour Foundation Walls	15	0	05-Jan-26	15-Jan-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1020	D1040, E1010, E1020, E1000	
		D1040 Install Below-Slab Piping and Place Structural Fill Inside Foundation Walls	10	0	19-Jan-26	28-Jan-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1030, Z1866	D1050, D1060, D1070	
		D1050 Place Stone Under Building Slab	1	0	29-Jan-26	29-Jan-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1040	D1080	
		D1060 Electrical In & Under Rough In and Ground Loop	15	0	26-Jan-26	05-Feb-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1040, Z1140, Z1160	D1080	
		D1070 Plumbing & Mechanical In & Under	5	0	26-Jan-26	05-Feb-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1040, Z1866, Z1970	D1080	
		D1080 Form, Rebar & Pour Building Slab	7	0	04-Feb-26	12-Feb-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1050, D1060, D1070	C1170, D1090, D1100	
		D1090 Backfill Building to Approximate Final Grades	5	0	09-Mar-26	13-Mar-26	08-Oct-26	08-Oct-26	05-May-27	05-May-27	D1080, E1010, E1020, C1120, E1000, Q1030	B1070, E1040, E1150, H1000, E1070	
		D1100 Form, Rebar & Pour Building Curb Wall	5	0	12-Feb-26	14-Feb-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1080	D1110	
		D1110 Install 12" CMU Masonry Walls w/ Embeds & Penetrations	15	0	16-Feb-26	12-Mar-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1100, Z1670	D1120	
		D1120 Install Rigid Insulation, Mortar Mat, and 4" Split-Face CMU Walls	20	0	06-Apr-26	16-Apr-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	D1110	D1130	
		D1130 Clean Masonry Walls	2	2			12-Jun-26	15-Jun-26	05-Apr-27	06-Apr-27	D1120	D1140	201
		D1140 Install Pre-Engineered Trusses & Metal Decking	5	0	21-Apr-26	04-May-26	15-Jun-26	15-Jun-26	07-Apr-27	07-Apr-27	D1130, Z1700	D1150	
		D1150 Install Insulation & Standing Seam Metal Roof (Including Vents)	7	0	26-May-26	02-Jun-26	15-Jun-26	15-Jun-26	07-Apr-27	07-Apr-27	D1140, Z2150	D1160, D1170, D1180, D1190, D1230, D1240	
		D1160 Form, Rebar & Pour Electrical Equipment Pads	5	5			16-Jun-26	23-Jun-26	07-Apr-27	13-Apr-27	D1150, Z1160, Z1030, Z2120	D1200	201
		D1170 Preliminary Painting of Interior Walls & Ceiling	5	5			16-Sep-26	22-Sep-26	19-May-27	25-May-27	D1150, D1180, Z1820	D1260	168
		D1180 Install Windows, Louver, and Doors, Frames & Hardware	5	5			09-Sep-26	15-Sep-26	07-Apr-27	13-Apr-27	D1150, Z2540, Z1520, Z1080	D1200, D1170	143
		D1190 Install Gutters, Downspouts & Soffit	5	5			16-Jun-26	23-Jun-26	26-May-27	02-Jun-27	D1150	D1270	236
		D1200 Install All Electrical Gear, Conduit, and Lighting	20	20			16-Sep-26	13-Oct-26	14-Apr-27	11-May-27	D1160, D1180, Z1140, Z1170, Z1200, Z2480	D1210, D1220	143
		D1210 Electrical Wiring & Terminations	10	10			14-Oct-26	27-Oct-26	19-May-27	02-Jun-27	D1200, Z1110	D1270, D1280	148
		D1220 Install All HVAC Equipment, Ductwork & Piping	15	15			14-Oct-26	03-Nov-26	12-May-27	02-Jun-27	D1200, Z1520	D1270, D1280	143
		D1230 Install Valve Room Piping & Valves	10	10			16-Jun-26	30-Jun-26	12-May-27	25-May-27	D1150, Z1866, Z2270, Z2300, Z2390	D1250, D1260	226
Start Date: 17-Feb-25 Finish Date: 27-Oct-27 Data Date: 12-Jun-26 Run Date: 12-Jun-26		Haren Construction Company, Inc. I-85 Sanitary Sewer System Improvements - CP 1 TASK filter: All Activities Page 3								Date 07-May-25	Revision Initial Overall Project Schedule	Checked DB	Approved

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float	
		 D1240	Install Valve Room Plumbing	3	3			16-Jun-26	18-Jun-26	21-May-27	25-May-27	D1150, Z1970	D1260	233
		 D1250	Instrumentation & Controls	2	2			11-Feb-27	12-Feb-27	01-Jun-27	02-Jun-27	D1230, Z1550, Z1580	D1270	76
		 D1260	Painting of Valve Room Piping & Final Interior Painting	5	5			23-Sep-26	29-Sep-26	26-May-27	02-Jun-27	D1230, D1170, D1240, Z1820	D1270	168
		 D1270	Checkout Valves & Electrical Gear Prior to Startup	7	7			15-Feb-27	23-Feb-27	03-Jun-27	11-Jun-27	D1190, D1250, D1210, D1220, D1260, E1150	C1320	76
		 D1280	Test & Balance HVAC	2	2			04-Nov-26	05-Nov-26	21-Jun-27	22-Jun-27	D1220, D1210	C1330	155
		 Yard Piping		265	183	26-Feb-26		12-Jun-26	08-Mar-27	22-Dec-26	11-Jun-27			67
		 E1000	Install 4" Drain from Valve Vault to Wet Well	1	0	02-Mar-26	03-Mar-26	08-Oct-26	08-Oct-26	05-May-27	05-May-27	D1030, Z1924	C1170, D1090	
		 E1010	Install 10" Pipes (4 EA) Between Wet Well & Valve Building	5	0	26-Feb-26	03-Mar-26	12-Jun-26	12-Jun-26	05-May-27	05-May-27	D1030, Z1866	C1170, D1090	
		 E1020	Install 8" Surge Line from Valve Building to Influent Channel	5	0	27-Feb-26	05-Mar-26	12-Jun-26	12-Jun-26	05-May-27	05-May-27	D1030, Z1866	D1090, C1170	
		 E1030	Install FM Vault & 20" Bypass Piping & Piping from FM Vault to Wilkerson Connection Point at DI-PVC Transition	10	0	02-Mar-26	10-Mar-26	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	C1020, Z1866, Z2450	E1050, E1130, E1140, E1070, R1030	
		 E1040	Install 20" Piping from Valve Building to FM Vault	5	0	02-Mar-26	10-Mar-26	08-Oct-26	08-Oct-26	06-May-27	06-May-27	D1090, Z1866	B1070, H1000	
		 E1050	Install Bypass Connection with Thrust Blocking & Bollards	5	2	03-Mar-26		12-Jun-26	15-Jun-26	04-May-27	05-May-27	E1030, Z1866, Z1730	B1070, H1000	222
		 E1060	Install Site Water Lines Past Northern Limit of Site Fencing	3	3			09-Oct-26	13-Oct-26	24-May-27	26-May-27	C1170, Z1970	F1040	154
		 E1070	Install Site Drains and Cleanouts	3	2	03-Mar-26		09-Oct-26	12-Oct-26	01-Jun-27	02-Jun-27	C1170, D1090, E1030, Z1970	B1070	159
		 E1080	Install 10" & 14" FRP Gooseneck Intakes at Influent Channel & Wet Well	3	3			09-Oct-26	13-Oct-26	07-Jun-27	09-Jun-27	C1170, Z1790	G1060	163
		 E1090	Install 4" Casing Pipe & 1/4" Flex Tubing from Liquid Odor Control to Influent Channel & to SSMH-5817	4	4			08-Dec-26	11-Dec-26	04-Jun-27	09-Jun-27	F1020, Z1760, Z1910	F1070	122
		 E1100	Install 4" Drain Piping from Vapor Phase Odor Control to Influent Channel	2	2			12-Oct-26	13-Oct-26	08-Jun-27	09-Jun-27	G1020, C1170, Z1924, Z1790	G1060	163
		 E1110	Install 16"/14"/10" FRP from Vapor Phase Odor Control to Influent Channel & Wet Well	4	4			19-Oct-26	22-Oct-26	04-Jun-27	09-Jun-27	G1030, C1170, Z1790	G1060	156
		 E1120	Complete Site Water Line from LS Site to Meter & Tie-in	3	3			04-Mar-27	08-Mar-27	02-Jun-27	04-Jun-27	Q1040, Q1070, R1030, Z1970	B1120	62
		 E1130	Electrical for FM Vault	5	5			04-Dec-26	10-Dec-26	07-Jun-27	11-Jun-27	E1030, E1140, Z1140, Z1110	C1320	125
		 E1140	Install 14" Flow Meter in FM Vault	5	5			25-Nov-26	03-Dec-26	28-May-27	04-Jun-27	E1030, Z1550	C1320, E1130	125
		 E1150	Install Electrical Ductbanks & Site Lighting	20	20			09-Oct-26	05-Nov-26	05-May-27	02-Jun-27	C1170, D1090, Z1140, Z1200	C1320, D1270	141
		 Liquid Phase Odor Control		85	46	05-May-26		08-Oct-26	15-Dec-26	19-May-27	11-Jun-27			122
		 F1000	Layout & Excavate for Liquid Phase Concrete Pad & Place Stone	2	0	05-May-26	12-May-26	08-Oct-26	08-Oct-26	19-May-27	19-May-27	C1170, Q1040	F1010	
		 F1010	Form, Rebar, In/Under & Pour Liquid Phase Odor Control Pad	10	0	13-May-26	05-Jun-26	08-Oct-26	08-Oct-26	19-May-27	19-May-27	F1000, Z1140, Z1030, Z2120	F1020	
		 F1020	Backfill Pad	1	1			09-Oct-26	09-Oct-26	19-May-27	19-May-27	F1010	E1090, F1030	151
		 F1030	Install & Pipe Up Tank, Containment Pallet & Pump Cabinet	5	5			12-Oct-26	16-Oct-26	20-May-27	26-May-27	F1020, Z1760	F1040, F1050, F1060	151
		 F1040	Install Water Heater & Emergency Shower	2	2			19-Oct-26	20-Oct-26	27-May-27	28-May-27	E1060, F1030, Z1970	F1050, F1060	151
		 F1050	Electrical for System	7	7			21-Oct-26	29-Oct-26	01-Jun-27	09-Jun-27	F1040, F1030, Z1110	F1070	151
		 F1060	Heat Trace & Insulate Tepid Water Piping & Degreaser Tubing	5	5			21-Oct-26	27-Oct-26	03-Jun-27	09-Jun-27	F1030, F1040, Z1970	F1070	153
		 F1070	Checkout System Prior to Startup	2	2			14-Dec-26	15-Dec-26	10-Jun-27	11-Jun-27	E1090, F1050, F1060	C1320	122
		 Vapor Phase Odor Control		54	15	05-May-26		08-Oct-26	29-Oct-26	21-May-27	11-Jun-27			153
		 G1000	Layout & Excavate for Vapor Phase Concrete Pad & Place Stone	2	0	05-May-26	12-May-26	08-Oct-26	08-Oct-26	21-May-27	21-May-27	C1170, Q1040	G1010	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float	
		G1010	Form, Rebar, In/Under & Pour Vapor Phase Odor Control Pad	10	0	13-May-26	05-Jun-26	08-Oct-26	08-Oct-26	21-May-27	21-May-27	G1000, Z1020, Z1140, Z2120	G1020	
		G1020	Backfill Pad	1	1			09-Oct-26	09-Oct-26	21-May-27	21-May-27	G1010	E1100, G1030	153
		G1030	Install & Pipe Up Tank & Blower w/ Control Panel	5	5			12-Oct-26	16-Oct-26	24-May-27	28-May-27	G1020, Z1790	E1110, G1040, G1050	153
		G1040	Electrical for System	7	7			19-Oct-26	27-Oct-26	01-Jun-27	09-Jun-27	G1030, Z1110	G1060	153
		G1050	Heat Trace & Insulate Drain Piping	5	5			19-Oct-26	23-Oct-26	03-Jun-27	09-Jun-27	G1030, Z1970	G1060	155
		G1060	Checkout System Prior to Startup	2	2			28-Oct-26	29-Oct-26	10-Jun-27	11-Jun-27	E1080, E1100, E1110, G1040, G1050	C1320	153
	 Misc. Structures			26	26			09-Oct-26	13-Nov-26	06-May-27	11-Jun-27			142
		H1000	Layout & Excavate for Generator Pad & Place Stone	2	2			09-Oct-26	12-Oct-26	06-May-27	07-May-27	D1090, E1040, E1050	H1010	142
		H1010	Form, Rebar, In/Under & Pour Generator Pad	10	10			13-Oct-26	26-Oct-26	10-May-27	21-May-27	H1000, Z1360, Z1030, Z2120	H1020	142
		H1020	Install Grounding for Generator	2	2			27-Oct-26	28-Oct-26	24-May-27	25-May-27	H1010, Z1610	H1030	142
		H1030	Set Generator	1	1			29-Oct-26	29-Oct-26	26-May-27	26-May-27	H1020, Z1370, Z1376	H1040	142
		H1040	Install Platforms at Generator	3	3			30-Oct-26	03-Nov-26	27-May-27	01-Jun-27	H1030	H1050	142
		H1050	Make Electrical Connections at Generator	5	5			04-Nov-26	10-Nov-26	02-Jun-27	08-Jun-27	H1040, Z1110	H1060	142
		H1060	Checkout Generator & Perform Load Test	3	3			11-Nov-26	13-Nov-26	09-Jun-27	11-Jun-27	H1050	C1320	142
	 East Middleton Lift Station			514	185	18-Mar-25		12-Jun-26	10-Mar-27	15-Dec-26	29-Jun-27			77
	 Sitework			466	13	18-Mar-25		12-Jun-26	31-Dec-26	15-Dec-26	22-Jun-27			120
		J1000	Layout Clearing Limits	1	0	18-Mar-25	18-Mar-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1030	J1010	
		J1010	Limited Clearing & Grubbing (Enough to Install Erosion Control)	1	0	13-Apr-25	13-Apr-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1000	J1020	
		J1020	Initial Erosion Control Installation	2	0	13-Apr-25	14-Apr-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1010	J1030	
		J1030	Complete Clearing & Grubbing	5	0	15-Apr-25	28-Apr-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1020	J1040, K1000	
		J1040	Complete Erosion Control Installation, Including Temporary Skimmer Basin	10	0	28-Apr-25	30-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1030	K1020	
		J1050	Temporary Power	20	0	26-May-25	03-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1010	K1020	
		J1060	Rough Grading of Site	3	3			10-Dec-26	14-Dec-26	21-May-27	25-May-27	L1070, L1080, L1100, L1110, L1120, L1130	J1070, J1080, J1100, L1160	111
		J1070	Asphalt Paving & Pervious Gravel	5	5			15-Dec-26	21-Dec-26	09-Jun-27	15-Jun-27	J1060	J1080, J1090	120
		J1080	Fine Grading & Grassing	4	4			22-Dec-26	30-Dec-26	17-Jun-27	22-Jun-27	J1060, J1070, J1100	K1350	121
		J1090	Install Fencing	5	5			22-Dec-26	31-Dec-26	16-Jun-27	22-Jun-27	J1070, Z1290	K1350	120
		J1100	Remove Temporary Skimmer Basin	2	2			15-Dec-26	16-Dec-26	15-Jun-27	16-Jun-27	J1060	J1080	124
	 Pump Station & Valve Vault			474	185	06-May-25		12-Jun-26	10-Mar-27	15-Dec-26	29-Jun-27			77
		K1000	Layout Station	1	0	06-May-25	06-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1030	K1010	
		K1010	Drilling & Blasting for Station	7	0	04-Jun-25	19-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1000, Z1010	K1020	
		K1020	Dewater, Excavate, and Shore Station	20	0	15-Jul-25	26-Aug-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	J1050, K1010, J1040, Z1050, Z1260	K1030	
		K1030	Place Stone Under El. 295.50 Slab	1	0	27-Aug-25	27-Aug-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1020	K1040	
		K1040	Form, Rebar & Pour El. 295.50 Slab (Pour 1)	7	0	28-Aug-25	05-Sep-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1030, Z1020, Z2120, Z2510	K1050	
		K1050	Form, Rebar, Pour & Cure Wet Well Walls to El. 300.50 (Pour 2)	12	0	08-Sep-25	10-Sep-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1040, Z1864, Z1340	K1060	
		K1060	Backfill (w/ Stone) and Form, Rebar & Pour El. 302.00 Slab (Pour 3)	7	0	11-Sep-25	15-Sep-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1050	K1070	
		K1070	Form, Rebar & Pour Station Walls to El. 313.75 (Pour 4)	10	0	15-Sep-25	30-Sep-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1060	K1080, K1140	
		K1080	Form, Rebar, Electrical In/Under & Pour El. 314.75 Top Deck (Pour 5)	25	0	30-Sep-25	29-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1070, Z1140, Z1320	K1110, K1090	
Start Date: 17-Feb-25 Finish Date: 27-Oct-27 Data Date: 12-Jun-26 Run Date: 12-Jun-26				Haren Construction Company, Inc. I-85 Sanitary Sewer System Improvements - CP 1 TASK filter: All Activities Page 5							Date 07-May-25	Revision Initial Overall Project Schedule	Checked DB	Approved

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
		K1090 Form, Rebar & Pour Lower Baffle Wall (Pour 6)	5	0	07-Oct-25	14-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1080	K1100	
		K1100 Form, Rebar & Pour Upper Baffle Wall (Pour 7)	5	0	14-Oct-25	17-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1090	K1120	
		K1110 Top Deck Curing	10	0	29-Oct-25	12-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1080	K1130, K1120	
		K1120 Water Test Station	5	0	03-Nov-25	10-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1100, K1110	K1150, K1230	
		K1130 Grout Fills and Pump Pads in Station	5	5			12-Jun-26	18-Jun-26	13-Apr-27	19-Apr-27	K1110	K1250	207
		K1140 Grind & Patch Exterior Walls Not Previously Completed	5	0	19-Jan-26	30-Jan-26	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1070	K1150	
		K1150 Excavate for Valve Vault	2	0	10-Nov-25	11-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1120, K1140	K1160	
		K1160 Place Stone Under Valve Vault	1	0	12-Nov-25	12-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1150	K1170	
		K1170 Set Precast Valve Vault	1	0	13-Nov-25	13-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1160, Z2450	K1180, K1290	
		K1180 Install VV Drain, 10" Discharge Piping, 2" ARV Drain & Discharge Header While Backfilling LS & VV to Final Grade	15	0	18-Nov-25	25-Feb-26	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	K1170, Z1866	K1210, L1030, L1040, L1050, L1060, L1130, M1000, N1000, P1000, P1070, S1000	
		K1210 Excavate, Form, Rebar, Pour & Cure Jib Crane Foundation	8	0	25-May-26	05-Jun-26	12-Jun-26	12-Jun-26	10-Jun-27	10-Jun-27	K1180, Z1450, Z1030, Z2120	K1220	
		K1220 Backfill Jib Crane Foundation	1	1			12-Jun-26	12-Jun-26	10-Jun-27	10-Jun-27	K1210	K1310	248
		K1230 Remove Station Top Deck Shoring & Decking	5	0	19-Dec-25	29-Dec-25	12-Jun-26	12-Jun-26	20-Apr-27	20-Apr-27	K1120	K1240	
		K1240 Grind & Patch Station Interior Walls	7	0	23-Mar-26	06-Apr-26	12-Jun-26	12-Jun-26	20-Apr-27	20-Apr-27	K1230	K1250	
		K1250 Apply Influent Channel & Wet Well Wastewater Collection System Coatings	10	0	10-Apr-26	22-May-26	18-Jun-26	18-Jun-26	20-Apr-27	20-Apr-27	K1130, K1240, Z1820	K1260	
		K1260 Install Grinders, Pumps, Pump Discharge Piping, Slide Gates & Valve Vault Drain Check Valve	20	20			09-Oct-26	05-Nov-26	20-Apr-27	17-May-27	K1250, Z1430, Z1866, Z2180, Z2360, Z1850, Z2088	K1280, K1330	130
		K1270 Install Grounding & Conduit	35	2	23-Mar-26		12-Jun-26	15-Jun-26	14-May-27	17-May-27	Z1610, Z1140	K1280	230
		K1280 Pull Wire, & Make Terminations	20	20			06-Nov-26	07-Dec-26	18-May-27	15-Jun-27	K1260, K1270, Z1110	K1340	130
		K1290 Install Valve Vault Interior Piping & Valves	10	0	04-Feb-26	11-Feb-26	12-Jun-26	12-Jun-26	09-Jun-27	09-Jun-27	K1170, Z1866, Z2270, Z2300, Z2390	K1330	
		K1300 Instrumentation & Controls	10	10			11-Feb-27	24-Feb-27	02-Jun-27	15-Jun-27	L1050, Z1550, Z1580	K1340	77
		K1310 Install Jib Crane	2	2			15-Jun-26	16-Jun-26	11-Jun-27	14-Jun-27	K1220, Z1460	K1320	248
		K1320 Load Test Jib Crane	1	1			17-Jun-26	17-Jun-26	15-Jun-27	15-Jun-27	K1310	K1340	248
		K1330 Painting of Wet Well & Valve Vault Piping	5	5			06-Nov-26	12-Nov-26	09-Jun-27	15-Jun-27	K1260, K1290, Z2090, Z1820	K1340	145
		K1340 Preliminary Station Checkout/Startup Prior to Completion of Southern Interceptor	5	5			25-Feb-27	03-Mar-27	16-Jun-27	22-Jun-27	K1280, K1320, K1330, K1300, L1050, L1110, L1120, L1130, L1150, P1120, M1070, N1060, P1060, L1030, L1040	K1350, W1000, Y1000	77
		K1350 Preliminary Punchlist at East Middleton Station	5	5			04-Mar-27	10-Mar-27	23-Jun-27	29-Jun-27	J1080, J1090, K1340	U1000	77
		Yard Piping	224	130	21-Jan-26		12-Jun-26	17-Dec-26	30-Dec-26	22-Jun-27			127
		L1030 Install 6" FRP at Influent Channel Intake	2	2			10-Jul-26	13-Jul-26	14-Jun-27	15-Jun-27	K1180, Z1790	K1340	232
		L1040 Install 10" FRP at Wet Well Intake	2	2			10-Jul-26	13-Jul-26	14-Jun-27	15-Jun-27	K1180, Z1790	K1340	232
		L1050 Install Ductbanks & Site Lighting	20	3	09-Mar-26		12-Jun-26	16-Jun-26	27-May-27	01-Jun-27	K1180, Z1140, Z1200	K1300, K1340	239
		L1060 Install Precast FM Vault & 12"/16" Influent, Effluent & Bypass Piping	10	0	21-Jan-26	02-Mar-26	12-Jun-26	12-Jun-26	30-Dec-26	30-Dec-26	K1180, Z2450, Z1866	L1070, L1080, L1090, L1140	
		L1070 Install 8" Surge Piping from FM Vault to Wet Well	3	3			12-Jun-26	16-Jun-26	18-May-27	20-May-27	L1060, Z1866	J1060	232

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float		
		 L1080	Install 4" Drain Line from FM Vault to Wet Well	1	0	03-Mar-26	04-Mar-26	08-Oct-26	08-Oct-26	21-May-27	21-May-27	L1060, Z1924	J1060		
		 L1090	Install Bypass Connection with Thrust Blocking & Bollards	5	0	23-Mar-26	30-Mar-26	12-Jun-26	12-Jun-26	30-Dec-26	30-Dec-26	L1060, Z1866	L1100		
		 L1100	Install Remainder of 16" Forcemain to DI-PVC Transition Point	3	0	04-Mar-26	06-Mar-26	12-Jun-26	12-Jun-26	30-Dec-26	30-Dec-26	L1090, Z1866	J1060, S1020		
		 L1110	Install 4" Casing Pipe & 1/4" Flex Tubing from Liquid Odor Control to Wet Well & to SSMH-5818	2	2			08-Dec-26	09-Dec-26	19-May-27	20-May-27	M1030, Z1910	K1340, J1060	111	
		 L1120	Install 4" Drain Piping from Vapor Phase Odor Control to Influent Chamber	2	2			09-Oct-26	12-Oct-26	19-May-27	20-May-27	N1030, Z1924, Z1790	K1340, J1060, N1050	151	
		 L1130	Install 10" FRP from Vapor Phase Odor Control to Wet Well	3	3			17-Jul-26	21-Jul-26	18-May-27	20-May-27	N1030, K1180, Z1790	K1340, J1060	209	
		 L1140	Install Piping in FM Vault, Including 12" FM & 8" Surge Valve	2	2			25-Nov-26	30-Nov-26	14-Jun-27	15-Jun-27	L1060, Z1866, Z1550	L1150	135	
		 L1150	Electrical for FM Vault	5	5			01-Dec-26	07-Dec-26	16-Jun-27	22-Jun-27	L1140, Z1110	K1340	135	
		 L1160	Site Water Line from Meter, Through Yard Hydrant, to Liquid Odor Control	3	3			15-Dec-26	17-Dec-26	26-May-27	28-May-27	J1060	M1040	111	
		 Liquid Phase Odor Control			180	141	05-May-26		12-Jun-26	07-Jan-27	11-May-27	15-Jun-27			111
		 M1000	Layout & Excavate for Liquid Phase Concrete Pad & Place Stone	2	0	05-May-26	12-May-26	12-Jun-26	12-Jun-26	11-May-27	11-May-27	K1180	M1010		
		 M1010	Form, Rebar, In/Under & Pour Liquid Phase Odor Control Pad	10	0	13-May-26	05-Jun-26	12-Jun-26	12-Jun-26	11-May-27	11-May-27	M1000, Z1030, Z1140, Z2120	M1020		
		 M1020	Backfill Pad	1	1			12-Jun-26	12-Jun-26	11-May-27	11-May-27	M1010	M1030, M1040	227	
		 M1030	Install & Pipe Up Tank, Containment Pallet & Pump Cabinet	5	5			15-Jun-26	22-Jun-26	12-May-27	18-May-27	M1020, Z1760	L1110, M1050, M1060	227	
		 M1040	Install Water Heater & Emergency Shower	2	2			18-Dec-26	21-Dec-26	01-Jun-27	02-Jun-27	M1020, Z1970, L1160	M1050, M1060	111	
		 M1050	Electrical for System	7	7			22-Dec-26	05-Jan-27	03-Jun-27	11-Jun-27	M1040, M1030, Z1110	M1070	111	
		 M1060	Heat Trace & Insulate Tepid Water Piping & Degreaser Tubing	5	5			22-Dec-26	31-Dec-26	07-Jun-27	11-Jun-27	M1030, M1040, Z1970	M1070	113	
		 M1070	Checkout System Prior to Startup	2	2			06-Jan-27	07-Jan-27	14-Jun-27	15-Jun-27	M1050, M1060	K1340	111	
		 Vapor Phase Odor Control			130	91	05-May-26		12-Jun-26	21-Oct-26	10-May-27	15-Jun-27			161
		 N1000	Layout & Excavate for Vapor Phase Concrete Pad & Place Stone	2	0	05-May-26	12-May-26	12-Jun-26	12-Jun-26	10-May-27	10-May-27	K1180	N1010		
		 N1010	Form, Rebar, In/Under & Pour Vapor Phase Odor Control Pad	10	0	13-May-26	05-Jun-26	12-Jun-26	12-Jun-26	10-May-27	10-May-27	N1000, Z1030, Z2120	N1020		
		 N1020	Backfill Pad	1	1			12-Jun-26	12-Jun-26	10-May-27	10-May-27	N1010	N1030	226	
		 N1030	Install & Pipe Up Tank & Blower w/ Control Panel	5	5			10-Jul-26	16-Jul-26	11-May-27	17-May-27	N1020, Z1790	L1120, L1130, N1040, N1050	209	
		 N1040	Electrical for System	7	7			17-Jul-26	27-Jul-26	03-Jun-27	11-Jun-27	N1030, Z1110	N1060	220	
		 N1050	Heat Trace & Insulate Drain Piping	5	5			13-Oct-26	19-Oct-26	07-Jun-27	11-Jun-27	N1030, L1120, Z1970	N1060	161	
		 N1060	Checkout System Prior to Startup	2	2			20-Oct-26	21-Oct-26	14-Jun-27	15-Jun-27	N1050, N1040	K1340	161	
		 Misc. Structures			145	67	09-Mar-26		12-Jun-26	17-Sep-26	03-May-27	15-Jun-27			185
		 P1000	Layout & Excavate for Generator Pad & Place Stone	2	2			12-Jun-26	15-Jun-26	03-May-27	04-May-27	K1180	P1010	221	
		 P1010	Form, Rebar, In/Under & Pour Generator Pad	15	15			16-Jun-26	08-Jul-26	05-May-27	25-May-27	P1000, Z1030, Z1390, Z2120	P1020	221	
		 P1020	Install Grounding for Generator	2	2			09-Jul-26	10-Jul-26	26-May-27	27-May-27	P1010, Z1610	P1030	221	
		 P1030	Set Generator	1	1			01-Sep-26	01-Sep-26	28-May-27	28-May-27	P1020, Z1400, Z1406	P1040	185	
		 P1040	Install Platforms at Generator	3	3			02-Sep-26	04-Sep-26	01-Jun-27	03-Jun-27	P1030	P1050	185	
		 P1050	Make Electrical Connections at Generator	5	5			08-Sep-26	14-Sep-26	04-Jun-27	10-Jun-27	P1040, Z1110	P1060	185	
		 P1060	Checkout Generator & Perform Load Test	3	3			15-Sep-26	17-Sep-26	11-Jun-27	15-Jun-27	P1050	K1340	185	
		 P1070	Layout & Excavate for Electrical Pad & Place Stone	2	2			12-Jun-26	15-Jun-26	05-May-27	06-May-27	K1180	P1080	223	
		 P1080	Form, Rebar, In/Under & Pour Electrical Pad	20	0	09-Mar-26	05-Jun-26	15-Jun-26	15-Jun-26	07-May-27	07-May-27	P1070, Z1020, Z1160, Z1140, Z2120	P1090		
		 P1090	Install Grounding for Electrical Pad	2	2			16-Jun-26	17-Jun-26	07-May-27	10-May-27	P1080, Z1610	P1100	223	
Start Date: 17-Feb-25 Finish Date: 27-Oct-27 Data Date: 12-Jun-26 Run Date: 12-Jun-26				Haren Construction Company, Inc. I-85 Sanitary Sewer System Improvements - CP 1 TASK filter: All Activities Page 7							Date 07-May-25	Revision Initial Overall Project Schedule	Checked DB	Approved	

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
	 P1100 Install Pre-Engineered Freestanding Canopy	5	5			29-Jun-26	06-Jul-26	11-May-27	17-May-27	P1090, Z2000	P1110	217
	 P1110 Install All Electrical Gear	10	10			28-Jul-26	10-Aug-26	18-May-27	01-Jun-27	P1100, Z1170	P1120	202
	 P1120 Pull Wire & Make Terminations	10	10			11-Aug-26	24-Aug-26	02-Jun-27	15-Jun-27	P1110, Z1110	K1340	202
	 Yard Piping & Pipeline Work	532	180	14-Apr-25		12-Jun-26	03-Mar-27	13-Apr-26	31-Dec-26			-43
	 Joe Peed LS Gravity Sewer & Water Line	430	176	16-Apr-25		12-Jun-26	25-Feb-27	13-Apr-26	31-Dec-26			-39
	 Q0010 Clearing & Erosion Control for Joe Peed LS Gravity Sewer & Water Line	20	0	16-Apr-25	21-May-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	A1060	Q1000, Q1020	
	 Q1000 Drill & Blast 24" Gravity Sewer From New Station Out ~200 LF	10	0	26-May-25	29-May-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	Q0010, C1010, Z1010	C1040, Q1010, Q1030	
	 Q1010 Install 24" GS From New Station to SSMH-5817	15	0	27-Oct-25	12-Nov-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	Q1000, C1100, Z1866, Z1934	Q1030	
	 Q1020 Install All 12" & 24" GS From Existing JPLS to New JPLS at SSMH-5798 (Wilkerson)	45	20	30-Jan-26		12-Jun-26	13-Jul-26	13-Apr-26	08-May-26	Q0010, Z1874, Z1934, Z1640	Q1060, X1010	-43
	 Q1030 Install GS From SSMH-5817 to SSMH-5816 (~130 LF)	15	0	17-Nov-25	16-Dec-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	Q1000, Q1010, Z1934	C1170, D1090, Q1040	
	 Q1040 Install GS From SSMH-5816 through SSMH-5798 to SSMH-5826 (~170 LF)	20	0	17-Dec-25	30-Jan-26	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	Q1030, Z1934	Q1070, E1120, R1030, F1000, G1000	
	 Q1060 Install Water Line from Existing JPLS to Near SSMH-5798	20	15	30-Jan-26		22-Jun-26	13-Jul-26	20-Apr-26	08-May-26	Q1020, Z1934, Z1874	Q1070, R1010	-43
	 Q1070 Install Water Line from Near SSMH-5798 to Fire Hydrant	3	1	29-Jan-26		25-Feb-27	25-Feb-27	31-Dec-26	31-Dec-26	Q1040, R1020, Q1060	B1080, E1120	-39
	 Joe Peed Force Main	263	160	14-Apr-25		12-Jun-26	03-Mar-27	11-May-26	31-Dec-26			-43
	 R1000 Clearing & Erosion Control for Joe Peed Force Main	20	0	14-Apr-25	21-May-25	12-Jun-26	12-Jun-26	11-May-26	11-May-26	A1060	R1010	
	 R1010 Install Joe Peed Force Main to 90 Bend Across the Street From New Joe Peed LS (STA 123+27)	150	150			14-Jul-26	17-Feb-27	11-May-26	14-Dec-26	R1000, Q1060, Z1934, Z1640, Z2240	R1020, T1000, S1020	-43
	 R1020 Install Joe Peed Force Main from STA 123+27 to DI-PVC Transition Coupling	10	5	04-May-26		18-Feb-27	24-Feb-27	15-Dec-26	21-Dec-26	R1010	R1030, Q1070	-43
	 R1030 Tie-In PVC Line from 90 Bend Across Street to DI Line at Transition Coupling	5	5			25-Feb-27	03-Mar-27	22-Dec-26	31-Dec-26	E1030, R1020, Q1040	B1080, E1120	-43
	 East Middleton Gravity Sewer & Force Main	229	8	29-Oct-25		12-Jun-26	17-Feb-27	15-Dec-26	30-Dec-26			-35
	 S1000 Set Doghouse SSMH-1 Over Existing 8" PVC Sewer	3	3			12-Jun-26	16-Jun-26	15-Dec-26	17-Dec-26	K1180, Z1640	S1010	127
	 S1010 Install 18" Sewer From SSMH-1 to SSMH-5815 (~141 LF)	7	5	29-Oct-25		17-Jun-26	24-Jun-26	18-Dec-26	29-Dec-26	S1000, Z1640, Z1934	S1020	127
	 S1020 Install Force Main from DI-PVC Transition to Beginning of Combined Sewer (~2,100 LF)	55	0	04-Mar-26	29-May-26	17-Feb-27	17-Feb-27	30-Dec-26	30-Dec-26	L1100, S1010, R1010, Z1934, Z2240, Z1640	T1000	
	 Combined Force Main	60	2	09-Feb-26		18-Feb-27	19-Feb-27	30-Dec-26	31-Dec-26			-35
	 T1000 Install Combined Force Main from EM/JP Connection to 24" Valve	60	2	09-Feb-26		18-Feb-27	19-Feb-27	30-Dec-26	31-Dec-26	R1010, S1020, Z2330, Z1934, Z1640, Z2240	U1000, Y1000	-35
	 Work After Southern Interceptor Completion	79	79			30-Jun-27	20-Oct-27	30-Jun-27	20-Oct-27			0
	 U1000 Completion of Southern Interceptor	0	0			30-Jun-27		30-Jun-27		C1330, K1350, T1000	X1000, X1030, U1010	0
	 U1010 Potential HCCI & Wilkerson Remobilization Lag After Southern Interceptor Completion	30	30			30-Jun-27	11-Aug-27	30-Jun-27	11-Aug-27	U1000	W1000, V1000	0
	 Joe Peed Lift Station Post Southern Interceptor Completion	49	49			12-Aug-27	20-Oct-27	12-Aug-27	20-Oct-27			0
	 V1000 Checkout & Prepare for Startup of Joe Peed LS & Perform Owner Training After Southern Interceptor Complete	10	10			12-Aug-27	25-Aug-27	12-Aug-27	25-Aug-27	C1320, U1010, Z1240	V1010, X1010	0
	 V1010 Place Joe Peed LS Into Service	1	1			31-Aug-27	31-Aug-27	31-Aug-27	31-Aug-27	V1000, X1010	V1020	0
	 V1020 Joe Peed LS Proving Period Prior to Demolition of Existing Stations	5	5			01-Sep-27	08-Sep-27	01-Sep-27	08-Sep-27	V1010	V1030, V1040, X1020	0
	 V1030 Demo Work at Existing Joe Peed LS	30	30			09-Sep-27	20-Oct-27	09-Sep-27	20-Oct-27	V1020	Y1010	0
	 V1040 Demo Work at Existing Joe Peed Booster Station	30	30			09-Sep-27	20-Oct-27	09-Sep-27	20-Oct-27	V1020	Y1010	0
	 East Middleton Lift Station Post Southern Interceptor Completion	36	36			12-Aug-27	01-Oct-27	31-Aug-27	20-Oct-27			13

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
W1000	Checkout & Prepare for Startup of East Middleton LS & Perform Owner Training	10	10			12-Aug-27	25-Aug-27	31-Aug-27	14-Sep-27	K1340, U1010, Z1240	W1010	13
W1010	Place East Middleton LS Into Service	1	1			26-Aug-27	26-Aug-27	15-Sep-27	15-Sep-27	W1000, X1030	W1020	13
W1020	East Middleton LS Proving Period Prior to Demolition of Existing Station	5	5			27-Aug-27	02-Sep-27	16-Sep-27	22-Sep-27	W1010	W1030, X1040, X1020	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	23-Sep-27	20-Oct-27	W1020	Y1010	13
Pipeline Work Post Southern Interceptor Completion		69	69			30-Jun-27	06-Oct-27	19-Aug-27	20-Oct-27			10
X1000	Re-test Joe Peed 20" Force Main	5	5			30-Jun-27	07-Jul-27	19-Aug-27	25-Aug-27	U1000	X1010	35
X1010	Make GS Tie-In Behind Existing Joe Peed LS	3	3			26-Aug-27	30-Aug-27	26-Aug-27	30-Aug-27	V1000, Q1020, X1000, Z2030	V1010	0
X1020	Abandon Existing 8" & 12" Joe Peed Force Main	20	20			09-Sep-27	06-Oct-27	23-Sep-27	20-Oct-27	V1020, W1020	Y1010	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	08-Sep-27	14-Sep-27	U1000, Z2030	W1010	48
X1040	Abandon Existing 8" East Middleton Force Main	20	20			03-Sep-27	01-Oct-27	23-Sep-27	20-Oct-27	W1020	Y1010	13
Project Closeout		164	164			05-Mar-27	27-Oct-27	21-Oct-27	27-Oct-27			0
Y1000	Substantial Completion	0	0				05-Mar-27		27-Oct-27	C1320, K1340, T1000		164
Y1010	Final Punchlist & Demobilization	5	5			21-Oct-27	27-Oct-27	21-Oct-27	27-Oct-27	X1040, X1020, W1030, V1030, V1040	Y1020	0
Y1020	Project Complete	0	0				27-Oct-27		27-Oct-27	Y1010		0
Procurement		494	165	17-Feb-25		12-Jun-26	10-Feb-27	13-Apr-26	25-Aug-27			137
Z1000	Blasting Plan PO, Submittal Preparation & GC Review	40	0	17-Feb-25	29-Apr-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1010	
Z1010	Blasting Plan Engineer Review & Approval	22	0	29-Apr-25	02-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1000	C1010, K1010, Q1000	
Z1020	Concrete, RM PO, Submittal Preparation & GC Review	60	0	17-Feb-25	11-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1030, G1010, K1040, P1080	
Z1030	Concrete, RM Engineer Review & Approval	22	0	11-Jun-25	05-Sep-25	12-Jun-26	12-Jun-26	22-Dec-26	22-Dec-26	Z1020	C1040, D1020, D1160, F1010, H1010, K1210, M1010, N1010, P1010	
Z1040	Dewatering Plan PO, Submittal Preparation & GC Review	40	0	17-Feb-25	30-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1050	
Z1050	Dewatering Plan Engineer Review & Approval	22	0	30-May-25	31-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1040	C1020, K1020	
Z1060	Doors & Hardware PO, Submittal Preparation & GC Review	100	0	17-Feb-25	21-Jul-25	12-Jun-26	12-Jun-26	09-Mar-27	09-Mar-27	A1000	Z1070	
Z1070	Doors & Hardware Engineer Review & Approval	22	0	21-Jul-25	28-Jul-25	12-Jun-26	12-Jun-26	09-Mar-27	09-Mar-27	Z1060	Z1080	
Z1080	Doors & Hardware Fabrication & Delivery	60	20	28-Jul-25		12-Jun-26	13-Jul-26	09-Mar-27	06-Apr-27	Z1070	D1180	183
Z1090	Electrical Cable PO, Submittal Preparation & GC Review	60	0	17-Feb-25	09-Oct-25	12-Jun-26	12-Jun-26	04-May-27	04-May-27	A1000	Z1100	
Z1100	Electrical Cable Engineer Review & Approval	22	0	09-Oct-25	05-Dec-25	12-Jun-26	12-Jun-26	04-May-27	04-May-27	Z1090	Z1110	
Z1110	Electrical Cable Fabrication & Delivery	10	10			12-Jun-26	26-Jun-26	04-May-27	17-May-27	Z1100	C1250, D1210, E1130, F1050, G1040, H1050, K1280, L1150, M1050, N1040, P1050, P1120	222
Z1120	Electrical Conduits PO, Submittal Preparation & GC Review	60	0	17-Feb-25	09-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1130	
Z1130	Electrical Conduits Engineer Review & Approval	22	0	09-Oct-25	20-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1120	Z1140	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
	 Z1140	Electrical Conduits Fabrication & Delivery	7	0	20-Oct-25	27-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1130	C1110, C1240, D1060, D1200, E1130, E1150, F1010, G1010, K1080, K1270, L1050, M1010, P1080	
	 Z1150	Electrical Gear PO, Submittal Preparation & GC Review	80	0	17-Feb-25	11-Dec-25	12-Jun-26	12-Jun-26	02-Mar-27	02-Mar-27	A1000	Z1160	
	 Z1160	Electrical Gear Engineer Review & Approval	22	0	11-Dec-25	18-Dec-25	12-Jun-26	12-Jun-26	02-Mar-27	02-Mar-27	Z1150	Z1170, D1060, D1160, P1080	
	 Z1170	Electrical Gear Fabrication & Delivery	150	30	18-Dec-25		12-Jun-26	27-Jul-26	02-Mar-27	13-Apr-27	Z1160	C1240, D1200, P1110	178
	 Z1180	Electrical Lighting PO, Submittal Preparation & GC Review	60	0	17-Feb-25	22-May-25	12-Jun-26	12-Jun-26	14-Apr-27	14-Apr-27	A1000	Z1190	
	 Z1190	Electrical Lighting Engineer Review & Approval	22	0	22-May-25	11-Jun-25	12-Jun-26	12-Jun-26	14-Apr-27	14-Apr-27	Z1180	Z1200	
	 Z1200	Electrical Lighting Fabrication & Delivery	40	0	11-Jun-25	29-May-26	12-Jun-26	12-Jun-26	14-Apr-27	14-Apr-27	Z1190	D1200, E1150, L1050	
	 Z1210	Preliminary Power System Studies PO, Submittal Preparation & GC Review	100	30	17-Feb-25		12-Jun-26	27-Jul-26	02-Mar-27	13-Apr-27	A1000	Z1220	178
	 Z1220	Preliminary Power System Studies Engineer Review & Approval	22	22			28-Jul-26	26-Aug-26	14-Apr-27	13-May-27	Z1210	Z1230	178
	 Z1230	Final Power System Studies PO, Submittal Preparation & GC Review	40	40			27-Aug-26	22-Oct-26	14-May-27	12-Jul-27	Z1220	Z1240	178
	 Z1240	Final Power System Studies Engineer Review & Approval	22	22			23-Oct-26	23-Nov-26	13-Jul-27	11-Aug-27	Z1230	V1000, W1000	178
	 Z1250	Excavation Plan PO, Submittal Preparation & GC Review	40	0	17-Feb-25	30-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1260	
	 Z1260	Excavation Plan Engineer Review & Approval	22	0	30-May-25	31-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1250	C1020, K1020	
	 Z1270	Fencing PO, Submittal Preparation & GC Review	100	50	17-Feb-25		12-Jun-26	24-Aug-26	07-Jan-27	17-Mar-27	A1000	Z1280	140
	 Z1280	Fencing Engineer Review & Approval	22	22			25-Aug-26	24-Sep-26	18-Mar-27	19-Apr-27	Z1270	Z1290	140
	 Z1290	Fencing Fabrication & Delivery	40	40			25-Sep-26	19-Nov-26	20-Apr-27	15-Jun-27	Z1280	B1110, J1090	140
	 Z1300	Floor Doors PO, Submittal Preparation & GC Review	50	0	17-Feb-25	31-Mar-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1310	
	 Z1310	Floor Doors Engineer Review & Approval	22	0	31-Mar-25	17-Apr-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1300	Z1320	
	 Z1320	Floor Doors Fabrication & Delivery	20	0	17-Apr-25	26-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1310	C1110, K1080, Z2450	
	 Z1330	Formwork PO, Submittal Preparation & GC Review	60	0	17-Feb-25	17-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1340	
	 Z1340	Formwork Engineer Review & Approval	22	0	17-Jun-25	20-Aug-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1330	C1050, K1050	
	 Z1350	Generator & ATS (Joe Peed) PO, Submittal Preparation & GC Review	60	0	17-Feb-25	17-Oct-25	12-Jun-26	12-Jun-26	14-Apr-27	14-Apr-27	A1000	Z1360	
	 Z1360	Generator & ATS (Joe Peed) Engineer Review & Approval	15	0	17-Oct-25	31-Oct-25	12-Jun-26	12-Jun-26	14-Apr-27	14-Apr-27	Z1350	Z1370, H1010	
	 Z1370	Generator & ATS (Joe Peed) Fabrication & Delivery	235	30	03-Nov-25		12-Jun-26	27-Jul-26	14-Apr-27	25-May-27	Z1360	H1030	208
	 Z1372	Generator Stairs & Platforms (Joe Peed) PO, Submittal Preparation & GC Review	60	0	17-Feb-25	17-Apr-26	12-Jun-26	12-Jun-26	09-Mar-27	09-Mar-27	A1000	Z1374	
	 Z1374	Generator Stairs & Platforms (Joe Peed) Engineer Review & Approval	15	0	17-Apr-26	05-May-26	12-Jun-26	12-Jun-26	09-Mar-27	09-Mar-27	Z1372	Z1376	
	 Z1376	Generator Stairs & Platforms (Joe Peed) Fabrication & Delivery	80	55	05-May-26		12-Jun-26	31-Aug-26	09-Mar-27	25-May-27	Z1374	H1030	183
	 Z1380	Generator & ATS (East Middleton) PO, Submittal Preparation & GC Review	60	0	17-Feb-25	17-Oct-25	12-Jun-26	12-Jun-26	05-May-27	05-May-27	A1000	Z1390	
	 Z1390	Generator & ATS (East Middleton) Engineer Review & Approval	15	0	17-Oct-25	31-Oct-25	12-Jun-26	12-Jun-26	05-May-27	05-May-27	Z1380	Z1400, P1010	
	 Z1400	Generator & ATS (East Middleton) Fabrication & Delivery	235	5	03-Nov-25		12-Jun-26	18-Jun-26	21-May-27	27-May-27	Z1390	P1030	235
	 Z1402	Generator Stairs & Platforms (East Middleton) PO, Submittal Preparation & GC Review	60	0	17-Feb-25	17-Apr-26	12-Jun-26	12-Jun-26	11-Mar-27	11-Mar-27	A1000	Z1404	
	 Z1404	Generator Stairs & Platforms (East Middleton) Engineer Review & Approval	15	0	17-Apr-26	05-May-26	12-Jun-26	12-Jun-26	11-Mar-27	11-Mar-27	Z1402	Z1406	
	 Z1406	Generator Stairs & Platforms (East Middleton) Fabrication & Delivery	80	55	05-May-26		12-Jun-26	31-Aug-26	11-Mar-27	27-May-27	Z1404	P1030	185
	 Z1410	Grinders PO, Submittal Preparation & GC Review	100	0	17-Feb-25	12-Nov-25	12-Jun-26	12-Jun-26	11-Mar-27	11-Mar-27	A1000	Z1420	
	 Z1420	Grinders Engineer Review & Approval	33	0	12-Nov-25	05-Jan-26	12-Jun-26	12-Jun-26	11-Mar-27	11-Mar-27	Z1410	Z1430	
	 Z1430	Grinders Fabrication & Delivery	80	10	05-Jan-26		12-Jun-26	26-Jun-26	11-Mar-27	24-Mar-27	Z1420	C1230, K1260	185

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float	
		Z1440	Hoisting (Jib Cranes) PO, Submittal Preparation & GC Review	100	0	17-Feb-25	15-Oct-25	12-Jun-26	12-Jun-26	02-Jun-27	02-Jun-27	A1000	Z1450	
		Z1450	Hoisting (Jib Cranes) Engineer Review & Approval	22	0	15-Oct-25	17-Nov-25	12-Jun-26	12-Jun-26	02-Jun-27	02-Jun-27	Z1440	Z1460, C1180, K1210	
		Z1460	Hoisting (Jib Cranes) Fabrication & Delivery	60	0	04-Mar-26	22-Apr-26	12-Jun-26	12-Jun-26	07-Jun-27	07-Jun-27	Z1450	C1290, K1310	
		Z1470	Hoisting (Monorail) PO, Submittal Preparation & GC Review	100	0	17-Feb-25	19-Nov-25	12-Jun-26	12-Jun-26	20-Apr-27	20-Apr-27	A1000	Z1480	
		Z1480	Hoisting (Monorail) Engineer Review & Approval	22	0	09-Feb-26	03-Mar-26	12-Jun-26	12-Jun-26	20-Apr-27	20-Apr-27	Z1470	Z1490	
		Z1490	Hoisting (Monorail) Fabrication & Delivery	100	30	04-Mar-26		12-Jun-26	27-Jul-26	20-Apr-27	01-Jun-27	Z1480	C1270	212
		Z1500	HVAC PO, Submittal Preparation & GC Review	100	0	17-Feb-25	07-Nov-25	12-Jun-26	12-Jun-26	23-Mar-27	23-Mar-27	A1000	Z1510	
		Z1510	HVAC Engineer Review & Approval	22	0	07-Nov-25	12-Nov-25	12-Jun-26	12-Jun-26	23-Mar-27	23-Mar-27	Z1500	Z1520	
		Z1520	HVAC Fabrication & Delivery	80	10	29-Jan-26		12-Jun-26	26-Jun-26	23-Mar-27	06-Apr-27	Z1510	D1180, D1220	193
		Z1530	Instrumentation - Field Instruments PO, Submittal Preparation & GC Review	150	0	17-Feb-25	03-Jun-26	12-Jun-26	12-Jun-26	11-Dec-26	11-Dec-26	A1000	Z1540	
		Z1540	Instrumentation - Field Instruments Engineer Review & Approval	22	15	03-Jun-26		12-Jun-26	06-Jul-26	11-Dec-26	06-Jan-27	Z1530	Z1550	125
		Z1550	Instrumentation - Field Instruments Fabrication & Delivery	100	100			07-Jul-26	24-Nov-26	07-Jan-27	27-May-27	Z1540	C1260, D1250, E1140, K1300, L1140	125
		Z1560	Instrumentation - Panels PO, Submittal Preparation & GC Review	150	0	17-Feb-25	03-Jun-26	12-Jun-26	12-Jun-26	30-Sep-26	30-Sep-26	A1000	Z1570	
		Z1570	Instrumentation - Panels Engineer Review & Approval	22	15	03-Jun-26		12-Jun-26	06-Jul-26	30-Sep-26	20-Oct-26	Z1560	Z1580	75
		Z1580	Instrumentation - Panels Fabrication & Delivery	150	150			07-Jul-26	10-Feb-27	21-Oct-26	27-May-27	Z1570	C1260, D1250, K1300	75
		Z1590	Lightning Protection PO, Submittal Preparation & GC Review	60	0	17-Feb-25	07-Apr-25	12-Jun-26	12-Jun-26	07-May-27	07-May-27	A1000	Z1600	
		Z1600	Lightning Protection Engineer Review & Approval	22	0	07-Apr-25	22-Apr-25	12-Jun-26	12-Jun-26	07-May-27	07-May-27	Z1590	Z1610	
		Z1610	Lightning Protection Fabrication & Delivery	60	0	22-Apr-25	17-Dec-25	12-Jun-26	12-Jun-26	07-May-27	07-May-27	Z1600	H1020, K1270, P1020, P1090	
		Z1620	Manholes PO, Submittal Preparation & GC Review	70	0	17-Feb-25	05-Sep-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	A1000	Z1630	
		Z1630	Manholes Engineer Review & Approval	22	0	05-Sep-25	09-Oct-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1620	Z1640	
		Z1640	Manholes Fabrication & Delivery	30	0	09-Oct-25	13-Oct-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1630	Q1020, R1010, S1000, S1010, S1020, T1000	
		Z1650	Masonry PO, Submittal Preparation & GC Review	75	0	17-Feb-25	03-Jun-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	A1000	Z1660	
		Z1660	Masonry Engineer Review & Approval	22	0	03-Jun-25	24-Jun-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	Z1650	Z1670	
		Z1670	Masonry Fabrication & Delivery	80	0	30-Jun-25	12-Feb-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	Z1660	D1110	
		Z1680	Metal Trusses & Decking PO, Submittal Preparation & GC Review	120	0	17-Feb-25	10-Mar-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	A1000	Z1690	
		Z1690	Metal Trusses & Decking Engineer Review & Approval	22	0	10-Mar-26	30-Mar-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	Z1680	Z1700	
		Z1700	Metal Trusses & Decking Fabrication & Delivery	10	0	03-Apr-26	21-Apr-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	Z1690	D1140	
		Z1710	Metals, Misc. PO, Submittal Preparation & GC Review	65	0	17-Feb-25	23-Jun-25	12-Jun-26	12-Jun-26	04-May-27	04-May-27	A1000	Z1720	
		Z1720	Metals, Misc. Engineer Review & Approval	22	0	23-Jun-25	16-Jul-25	12-Jun-26	12-Jun-26	04-May-27	04-May-27	Z1710	Z1730	
		Z1730	Metals, Misc. Fabrication & Delivery	20	0	21-Jul-25	28-Aug-25	12-Jun-26	12-Jun-26	04-May-27	04-May-27	Z1720	E1050	
		Z1740	Odor Control - Liquid Phase PO, Submittal Preparation & GC Review	70	0	17-Feb-25	16-Oct-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	A1000	Z1750	
		Z1750	Odor Control - Liquid Phase Engineer Review & Approval	22	0	16-Oct-25	30-Oct-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z1740	Z1760	
		Z1760	Odor Control - Liquid Phase Fabrication & Delivery	80	0	03-Nov-25	09-Jun-26	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z1750	E1090, F1030, M1030	
		Z1770	Odor Control - Vapor Phase PO, Submittal Preparation & GC Review	70	0	17-Feb-25	28-Jan-26	12-Jun-26	12-Jun-26	15-Apr-27	15-Apr-27	A1000	Z1780	
		Z1780	Odor Control - Vapor Phase Engineer Review & Approval	22	0	28-Jan-26	11-Feb-26	12-Jun-26	12-Jun-26	15-Apr-27	15-Apr-27	Z1770	Z1790	
		Z1790	Odor Control - Vapor Phase Fabrication & Delivery	80	18	11-Feb-26		12-Jun-26	09-Jul-26	15-Apr-27	10-May-27	Z1780	E1080, E1100, E1110, G1030, L1030, L1040, L1120, L1130, N1030	209
		Z1800	Painting & Coatings PO, Submittal Preparation & GC Review	100	0	17-Feb-25	03-Feb-26	12-Jun-26	12-Jun-26	25-Mar-27	25-Mar-27	A1000	Z1810	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
	Z1810	Painting & Coatings Engineer Review & Approval	22	0	03-Feb-26	23-Feb-26	12-Jun-26	12-Jun-26	25-Mar-27	25-Mar-27	Z1800	Z1820	
	Z1820	Painting & Coatings Fabrication & Delivery	20	0	23-Feb-26	03-Mar-26	12-Jun-26	12-Jun-26	25-Mar-27	25-Mar-27	Z1810	C1220, C1310, D1170, D1260, K1250, K1330	
	Z1830	Pipe Supports PO, Submittal Preparation & GC Review	150	0	17-Feb-25	15-Apr-26	12-Jun-26	12-Jun-26	11-Feb-27	11-Feb-27	A1000	Z1840	
	Z1840	Pipe Supports Engineer Review & Approval	22	0	15-Apr-26	05-May-26	12-Jun-26	12-Jun-26	11-Feb-27	11-Feb-27	Z1830	Z1850	
	Z1850	Pipe Supports Fabrication & Delivery	35	30	05-Jun-26		12-Jun-26	27-Jul-26	11-Feb-27	24-Mar-27	Z1840	K1260, C1230	165
	Z1860	Pipe, Ductile Iron PO, Submittal Preparation & GC Review	65	0	17-Feb-25	11-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z1862	
	Z1862	Pipe, Ductile Iron Engineer Review & Approval	22	0	11-Jun-25	01-Jul-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1860	Z1864, Z1866	
	Z1864	Pipe, Ductile Iron (Embeds) Fabrication & Delivery	30	0	02-Jul-25	29-Jul-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1862	C1070, K1050	
	Z1866	Pipe, Ductile Iron (Balance) Fabrication & Delivery	80	0	02-Jul-25	29-Jul-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z1862	C1230, D1040, D1070, D1230, E1010, E1020, E1030, E1040, E1050, K1180, K1260, K1290, L1070, L1060, L1090, L1100, L1140, Q1010	
	Z1870	Pipe, Ductile Iron - Wilkerson PO, Submittal Preparation & GC Review	60	0	17-Feb-25	21-May-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	A1000	Z1872	
	Z1872	Pipe, Ductile Iron - Wilkerson Engineer Review & Approval	22	0	21-May-25	23-Jun-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1870	Z1874	
	Z1874	Pipe, Ductile Iron - Wilkerson Fabrication & Delivery	70	0	24-Jun-25	13-Oct-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1872	Q1020, Q1060	
	Z1890	Pipe, HDPE PO, Submittal Preparation & GC Review	120	40	17-Feb-25		12-Jun-26	10-Aug-26	19-Nov-26	21-Jan-27	A1000	Z1900	111
	Z1900	Pipe, HDPE Engineer Review & Approval	22	22			11-Aug-26	10-Sep-26	22-Jan-27	22-Feb-27	Z1890	Z1910	111
	Z1910	Pipe, HDPE Fabrication & Delivery	60	60			11-Sep-26	07-Dec-26	23-Feb-27	18-May-27	Z1900	E1090, L1110	111
	Z1920	Pipe, PVC PO, Submittal Preparation & GC Review	90	30	17-Feb-25		12-Jun-26	27-Jul-26	08-Jan-27	18-Feb-27	A1000	Z1922	141
	Z1922	Pipe, PVC Engineer Review & Approval	22	22			28-Jul-26	26-Aug-26	19-Feb-27	22-Mar-27	Z1920	Z1924	141
	Z1924	Pipe, PVC Fabrication & Delivery	30	30			27-Aug-26	08-Oct-26	23-Mar-27	04-May-27	Z1922	E1000, E1100, L1080, L1120	141
	Z1930	Pipe, PVC - Wilkerson PO, Submittal Preparation & GC Review	65	0	17-Feb-25	21-May-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	A1000	Z1932	
	Z1932	Pipe, PVC - Wilkerson Engineer Review & Approval	22	0	21-May-25	23-Jun-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1930	Z1934	
	Z1934	Pipe, PVC - Wilkerson Fabrication & Delivery	15	0	24-Jun-25	13-Oct-25	12-Jun-26	12-Jun-26	13-Apr-26	13-Apr-26	Z1932	Q1020, Q1010, Q1060, Q1040, Q1030, R1010, S1010, S1020, T1000	
	Z1950	Plumbing PO, Submittal Preparation & GC Review	100	0	17-Feb-25	25-Sep-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	A1000	Z1960	
	Z1960	Plumbing Engineer Review & Approval	22	0	25-Sep-25	09-Oct-25	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	Z1950	Z1970	
	Z1970	Plumbing Fabrication & Delivery	80	0	09-Oct-25	26-Jan-26	12-Jun-26	12-Jun-26	05-Apr-27	05-Apr-27	Z1960	D1070, D1240, E1060, E1070, E1120, F1040, F1060, G1050, M1040, M1060, N1050	
	Z1980	Pre-Engineered Canopy (East Middleton) PO, Submittal Preparation & GC Review	120	0	17-Feb-25	05-Nov-25	12-Jun-26	12-Jun-26	27-Apr-27	27-Apr-27	A1000	Z1990	
	Z1990	Pre-Engineered Canopy (East Middleton) Engineer Review & Approval	22	0	05-Nov-25	09-Dec-25	12-Jun-26	12-Jun-26	27-Apr-27	27-Apr-27	Z1980	Z2000	
	Z2000	Pre-Engineered Canopy (East Middleton) Fabrication & Delivery	50	10	14-Apr-26		12-Jun-26	26-Jun-26	27-Apr-27	10-May-27	Z1990	P1100	217
	Z2010	Pumping, Bypass PO, Submittal Preparation & GC Review	150	50	17-Feb-25		12-Jun-26	24-Aug-26	02-Apr-27	11-Jun-27	A1000	Z2020	200
	Z2020	Pumping, Bypass Engineer Review & Approval	22	22			25-Aug-26	24-Sep-26	14-Jun-27	14-Jul-27	Z2010	Z2030	200
	Z2030	Pumping, Bypass Fabrication & Delivery	30	30			25-Sep-26	05-Nov-26	15-Jul-27	25-Aug-27	Z2020	X1010, X1030	200
	Z2040	Pumps, Submersible (Joe Peed) PO, Submittal Preparation & GC Review	150	0	17-Feb-25	05-Jan-26	12-Jun-26	12-Jun-26	03-Mar-27	03-Mar-27	A1000	Z2050	
	Z2050	Pumps, Submersible (Joe Peed) Engineer Review & Approval	33	0	05-Jan-26	02-Feb-26	12-Jun-26	12-Jun-26	03-Mar-27	03-Mar-27	Z2040	Z2060, Z2058	

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
		Z2058 Pump Bases & Rails (Joe Peed) Fabrication & Delivery	100	16	09-Feb-26		12-Jun-26	07-Jul-26	03-Mar-27	24-Mar-27	Z2050	C1230	179
		Z2060 Pumps, Submersible (Joe Peed) Fabrication & Delivery	180	60	09-Feb-26		12-Jun-26	08-Sep-26	11-Mar-27	04-Jun-27	Z2050	C1310	185
		Z2070 Pumps, Submersible (East Middleton) PO, Submittal Preparation & GC Review	150	0	17-Feb-25	05-Jan-26	12-Jun-26	12-Jun-26	12-Mar-27	12-Mar-27	A1000	Z2080	
		Z2080 Pumps, Submersible (East Middleton) Engineer Review & Approval	33	0	05-Jan-26	29-Jan-26	12-Jun-26	12-Jun-26	12-Mar-27	12-Mar-27	Z2070	Z2090, Z2088	
		Z2088 Pump Bases & Rails (East Middleton) Fabrication & Delivery	100	26	09-Feb-26		12-Jun-26	21-Jul-26	12-Mar-27	19-Apr-27	Z2080	K1260	186
		Z2090 Pumps, Submersible (East Middleton) Fabrication & Delivery	180	60	09-Feb-26		12-Jun-26	08-Sep-26	15-Mar-27	08-Jun-27	Z2080	K1330	187
		Z2100 Reinforcing Steel PO, Submittal Preparation & GC Review	60	0	17-Feb-25	16-Jul-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z2110	
		Z2110 Reinforcing Steel Engineer Review & Approval	22	0	16-Jul-25	15-Aug-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2100	Z2120	
		Z2120 Reinforcing Steel Fabrication & Delivery	15	0	15-Aug-25	21-Aug-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2110	C1040, D1020, D1160, F1010, G1010, H1010, K1040, K1210, M1010, N1010, P1010, P1080	
		Z2130 Roofing PO, Submittal Preparation & GC Review	150	0	17-Feb-25	10-Apr-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	A1000	Z2140	
		Z2140 Roofing Engineer Review & Approval	22	0	10-Apr-26	22-Apr-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	Z2130	Z2150	
		Z2150 Roofing Fabrication & Delivery	10	0	22-Apr-26	25-May-26	12-Jun-26	12-Jun-26	07-Apr-27	07-Apr-27	Z2140	D1150	
		Z2160 Slide Gates PO, Submittal Preparation & GC Review	150	0	17-Feb-25	21-Jan-26	12-Jun-26	12-Jun-26	18-Jan-27	18-Jan-27	A1000	Z2170	
		Z2170 Slide Gates Engineer Review & Approval	22	0	21-Jan-26	11-Feb-26	12-Jun-26	12-Jun-26	18-Jan-27	18-Jan-27	Z2160	Z2180	
		Z2180 Slide Gates Fabrication & Delivery	110	48	11-Feb-26		12-Jun-26	20-Aug-26	18-Jan-27	24-Mar-27	Z2170	C1230, K1260	147
		Z2220 Valves, Air - Pipeline PO, Submittal Preparation & GC Review	65	0	17-Feb-25	11-Sep-25	12-Jun-26	12-Jun-26	14-Dec-26	14-Dec-26	A1000	Z2230	
		Z2230 Valves, Air - Pipeline Engineer Review & Approval	22	0	11-Sep-25	17-Sep-25	12-Jun-26	12-Jun-26	14-Dec-26	14-Dec-26	Z2220	Z2240	
		Z2240 Valves, Air - Pipeline Fabrication & Delivery	40	0	17-Sep-25	19-Dec-25	12-Jun-26	12-Jun-26	14-Dec-26	14-Dec-26	Z2230	R1010, S1020, T1000	
		Z2250 Valves, Air/Vac PO, Submittal Preparation & GC Review	120	0	17-Feb-25	12-Sep-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	A1000	Z2260	
		Z2260 Valves, Air/Vac Engineer Review & Approval	22	0	12-Sep-25	16-Sep-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2250	Z2270	
		Z2270 Valves, Air/Vac Fabrication & Delivery	60	0	16-Sep-25	15-Apr-26	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2260	D1230, K1290	
		Z2280 Valves, Check PO, Submittal Preparation & GC Review	120	0	17-Feb-25	12-Jun-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	A1000	Z2290	
		Z2290 Valves, Check Engineer Review & Approval	22	0	12-Jun-25	07-Jul-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2280	Z2300	
		Z2300 Valves, Check Fabrication & Delivery	200	0	07-Jul-25	15-Jan-26	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2290	D1230, K1290	
		Z2310 Valves, Gate - Pipeline PO, Submittal Preparation & GC Review	65	20	17-Feb-25		12-Jun-26	13-Jul-26	31-Jul-26	27-Aug-26	A1000	Z2320	33
		Z2320 Valves, Gate - Pipeline Engineer Review & Approval	22	22			14-Jul-26	12-Aug-26	28-Aug-26	29-Sep-26	Z2310	Z2330	33
		Z2330 Valves, Gate - Pipeline Fabrication & Delivery	60	60			13-Aug-26	05-Nov-26	30-Sep-26	29-Dec-26	Z2320	T1000	33
		Z2340 Valves, Misc. PO, Submittal Preparation & GC Review	150	20	17-Feb-25		12-Jun-26	13-Jul-26	23-Nov-26	22-Dec-26	A1000	Z2350	113
		Z2350 Valves, Misc. Engineer Review & Approval	22	22			14-Jul-26	12-Aug-26	23-Dec-26	27-Jan-27	Z2340	Z2360	113
		Z2360 Valves, Misc. Fabrication & Delivery	40	40			13-Aug-26	08-Oct-26	28-Jan-27	24-Mar-27	Z2350	C1230, K1260	113
		Z2370 Valves, Plug PO, Submittal Preparation & GC Review	120	0	17-Feb-25	03-Jul-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	A1000	Z2380	
		Z2380 Valves, Plug Engineer Review & Approval	22	0	03-Jul-25	17-Jul-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2370	Z2390	
		Z2390 Valves, Plug Fabrication & Delivery	200	0	18-Jul-25	25-Nov-25	12-Jun-26	12-Jun-26	12-May-27	12-May-27	Z2380	D1230, K1290	
		Z2430 Vaults, Precast PO, Submittal Preparation & GC Review	120	0	17-Feb-25	15-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z2440	
		Z2440 Vaults, Precast Engineer Review & Approval	22	0	15-Oct-25	23-Oct-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2430	Z2450	
		Z2450 Vaults, Precast Fabrication & Delivery	60	0	23-Oct-25	13-Nov-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2440, Z1320	E1030, K1170, L1060	
		Z2460 VFDs PO, Submittal Preparation & GC Review	150	0	17-Feb-25	28-Jan-26	12-Jun-26	12-Jun-26	16-Mar-27	16-Mar-27	A1000	Z2470	
		Z2470 VFDs Engineer Review & Approval	22	0	28-Jan-26	23-Feb-26	12-Jun-26	12-Jun-26	16-Mar-27	16-Mar-27	Z2460	Z2480	
		Z2480 VFDs Fabrication & Delivery	150	20	24-Feb-26		12-Jun-26	13-Jul-26	16-Mar-27	13-Apr-27	Z2470	D1200	188

Activity ID		Activity Name	Orig. Dur.	Rem. Dur.	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
	 Z2490	Waterstop PO, Submittal Preparation & GC Review	70	0	17-Feb-25	13-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	A1000	Z2500	
	 Z2500	Waterstop Engineer Review & Approval	22	0	13-May-25	31-May-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2490	Z2510	
	 Z2510	Waterstop Fabrication & Delivery	15	0	02-Jun-25	23-Jun-25	12-Jun-26	12-Jun-26	15-Dec-26	15-Dec-26	Z2500	C1040, K1040	
	 Z2520	Windows PO, Submittal Preparation & GC Review	150	0	17-Feb-25	19-Feb-26	12-Jun-26	12-Jun-26	12-Jan-27	12-Jan-27	A1000	Z2530	
	 Z2530	Windows Engineer Review & Approval	22	0	19-Feb-26	10-Mar-26	12-Jun-26	12-Jun-26	12-Jan-27	12-Jan-27	Z2520	Z2540	
	 Z2540	Windows Fabrication & Delivery	100	60	22-Apr-26		12-Jun-26	08-Sep-26	12-Jan-27	06-Apr-27	Z2530	D1180	143