



SANITARY DISTRICT OF HIGHLAND

Highland Municipal Building • 3333 Ridge Rd
Highland, Indiana 46322
219-838-1080 • Fax 219-972-5097

Incorporated in
1910

July 31, 2024

EES Case Management Unit
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611

Chief, Water Enforcement and Compliance
Assurance Branch (WC-15J)
U.S. Environmental Protection Agency,
Region V
77 W. Jackson Boulevard
Chicago, IL 60604

Chief, Environmental Section
Office of The Attorney General
Indiana Government Center South, 5th Floor
402 West Washington Street
Indianapolis, IN 46204

Chief, Compliance Branch
Office of Water Quality, Mail Code 65-40
Indiana Department of Environmental
Management
100 N. Senate Avenue
Indianapolis, IN 46204-2251

Office of Legal Counsel
Mail Code 60-01
100 North Senate Street
Indianapolis, IN 46204-2251

RE Sanitary District of Highland
Consent Decree
Civil Action No. 2:22-cv-00086
July 2024 Semi-Annual Report

ATTN: United States Department of Justice
U.S. Environmental Protection Agency, Region 5
Indiana Attorney General
Indiana Department of Environmental Management

Pursuant to Section VIII of the above captioned Consent Decree (Decree) entered December 09, 2022, the Sanitary District of the Town of Highland, Indiana (Highland) hereby submits its Semi-Annual Report (Report) through July 31, 2024.

Describe the work, and associated deadlines, that Highland completed under the Decree during the preceding six-month period and include documentation (e.g. as-built diagrams, photographs, etc.) of the work and the deadlines met:

1. SECTION VI: CIVIL PENALTY

Within 60 days after the Effective Date, Highland shall pay a civil penalty in the amount of \$87,500 to the United States and \$87,500 to the State for the violations alleged against Highland in the Complaint, together with interest from the Date of Lodging of the Decree accruing at the rate specified in 28 U.S.C. § 1961 as of the Date of Lodging.

Deadline: February 7, 2023

Highland has complied with the penalty requirement.

2. SECTION VII: COMPLIANCE REQUIREMENTS

A. Implementing SSO Remedial Measures

Within 30 Days of the Effective Date, Highland shall begin implementing the SSO Remedial Measures Plan, as provided in Appendix A of the Decree.

Remedial Measures Plan

Phase 1, Division A Project

Consent Decree Completion Date: February 28, 2025

Construction of the Phase 1, Division A Project has continued since the January 31, 2024 Report. Exhibit A contains monthly construction progress meetings from January through July 2024. The Phase 1, Division A Project is on track to be completed by December 31, 2024, which is two (2) months ahead of the consent decree completion date.

Phase 1, Divisions B & C Projects

Consent Decree Completion Date: August 31, 2027

The design of the Phase 1, Divisions B & C Projects experienced a delay of several months due to the Hammond Sanitary District's (HSD) late response to (a) schedule a design coordination meeting and (b) provide permission to allow Highland to perform field work in Hammond's city limits. Below are several highlights from the past 6 months:

- On February 8, 2024, Highland met with the HSD and its engineering consultant (Donohue & Associates, Inc.) to primarily discuss (a) the joint force main tie-in location and (b) the necessary field work within Hammond's city limits needed by Highland for its design.

- On February 16, 2024, Highland received preliminary drawings of HSD’s 72” force main from the Kennedy Lift Station to the cloth media disc filter facility, including the proposed joint force main tie-in location.
- On March 7, 2024, Highland received permission from HSD to begin land surveying in Hammond’s city limits.
- On April 17, 2024, Highland received record drawings of the levees along the Little Calumet River from the United States Army Corps of Engineers.
- On June 21, 2024, Highland completed the final land surveying in Hammond’s city limits.

Highland’s engineering consultant (Commonwealth Engineers, Inc.) is finalizing the 30% design submittal, which is anticipated to be complete in August 2024. The 30% design submittal will include:

- Field Survey
- Basis of Design Report
- Phase 1 – Division B, 30% Drawings
- Phase 1 – Division B, 30% List of Technical Specifications
- Phase 1 – Division B, 30% Cost Estimate
- Phase 1 – Division C, 30% Drawings
- Phase 1 – Division C, 30% List of Technical Specifications
- Phase 1 – Division C, 30% Cost Estimate

Future design efforts will be expedited to remain on schedule and meet the consent decree completion date of August 31, 2027. Below is an anticipated schedule based on current progress.

SSO Remedial Project Phase 1 – Divisions B & C
Anticipated Schedule

Item	Anticipated Schedule
Notice to Proceed	September 2023
Kickoff Workshop	October 25, 2023
Field Work Excluding Geotechnical	November 2023 to June 2024
30% Design Submittal	October 2023 to August 2024
60% Design Submittal Including Geotechnical	September 2024 to December 2024
90% Design Submittal	January 2025 to April 2025
Final Certified Design Submittal	May 2025
Permits	April 2025 to May 2025

Bidding and Award	May 2025 to July 2025
Construction for Phase 1 - Division B	August 2025 to August 2027
Construction for Phase 1 - Division C	August 2025 to February 2027

The following items pertaining to the status of the SSO Remedial Measures Plan are attached as **Exhibit A**:

1. Phase 1, Division A Construction Progress Meeting Notes 1-11-2024
2. Phase 1, Division A Construction Progress Meeting Notes 2-8-2024
3. Phase 1, Division A Construction Progress Meeting Notes 3-14-2024
4. Phase 1, Division A Construction Progress Meeting Notes 4-11-2024
5. Phase 1, Division A Construction Progress Meeting Notes 5-9-2024
6. Phase 1, Division A Construction Progress Meeting Notes 6-13-2024
7. Phase 1, Division A Construction Progress Meeting Notes 7-15-2024

3. SECTION VII: COMPLIANCE REQUIREMENTS

B. SSO Flow Monitoring and Reporting Requirements

SSO Flow Monitors. *Within 30 Days of the Effective Date, or within 30 Days from the date of discovering any additional SSO Location, Highland shall install and operate flow monitoring technology at each SSO Location, if it has not already done so, in order to detect and record when an SSO may occur or actually occurs at each SSO Location and to Measure and record the volume of SSO discharged. To mitigate the adverse effect of any SSO, the flow monitoring device at each SSO Location shall instantaneously and automatically alert Highland to an SSO event. Highland shall install and operate the flow monitoring detailed in Section VII B at Paragraph 23 (a) and (b).*

Deadline: January 9, 2023.

As of the date of this Report, Highland is in compliance with its obligation to install and operate flow monitoring technology at each SSO Location as provided in Section VII of the Decree.

Reporting all SSO's. *Highland shall report all SSO's from its SSCS. This reporting shall include procedure contained in Section VII B at Paragraph 24 (a) and (b).*

As of the date of this Report, Highland is in compliance with its obligation to report all SSO's from its SSCS as provided in Section VII of the Decree.

Semi-Annual Overflow Logs. *By July 31st (for the reporting period of January – June) and January 31st (for the reporting period of July – December) of each year beginning the calendar year after the Decree is lodged, Highland shall submit copies of its final and completed electronic reports to IDEM and EPA using State Form 48373 for each SSO location at which an SSO occurred during the reporting period. Highland shall also complete and submit to IDEM and EPA the SSO reporting Table attached to the Decree as Appendix C for every SSO that occurred during the reporting period.*

Highland’s Semi-Annual Overflow Log for the reporting period of January – June, 2024 is attached as **Exhibit B**. The Semi-Annual Overflow Log has also been posted on the Town website.

4. SECTION VII: COMPLIANCE REQUIREMENTS

C. Miscellaneous Compliance Provisions

Capacity, Management Operation and Maintenance Plan (CMOM). On March 29, 2024, Highland submitted a revised draft CMOM to EPA and IDEM for review and approval.

Over Emergency Response Plan (OERP). On March 25, 2022, Highland was notified by the Department of Justice, via email, that its OERP was approved. Highland has begun implementing the OERP.

5. SECTION IX: PUBLIC WEBSITE

Within 30 days from the Effective Date, Highland shall have an operable Website for the posting of Decree Deliverables and the Consent Decree. Highland shall announce the availability of the Website by a press release, and the Town of Highland’s official homepage, www.highland.in.gov, shall include a link to the Website. The Website may be a part of Highland’s website on the Town of Highland’s official website. All posted Deliverables shall be readily accessible, electronically searchable and accurately labeled. The Website shall include: the Consent Decree; Consent Decree Submissions; SSO Public Notification; and Other Public Presentations and Education Materials.

Deadline: January 9, 2023.

As of the date of this Report, Highland maintains an operable Website which meets the requirements of Section IX of the Decree. The website can be accessed directly at: highland.in.gov/sanitary-district/highland-consent-decree. Highland continues to update the website with Consent Decree Submissions, SSO Public Notifications and Other Public Presentations and Educational Materials.

Describe any non-compliance with any requirement of the Decree, explaining the reasons for any non-compliance and the remedial steps taken, or to be taken, to minimize such non-compliance or prevent its recurrence.

As of the date of the date of this Report, Highland is not aware of any non-compliance with any requirement of the Decree.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERTY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I HAVE NO PERSONAL KNOWLEDGE THAT THE INFORMATION SUBMITTED IS OTHER THAN TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.



Mark Knesek

CC: Highland Sanitary Board
Robert F. Tweedle
Susan Franzetti
Alison McGregor – USDOJ
Robert Thompson – USEPA
Keith Middleton – USEPA
Ryan Bahr - USEPA
Beth Admire – IDEM

EXHIBIT A

- 1. Phase 1, Division A Construction Progress Meeting Notes 1-11-2024**
- 2. Phase 1, Division A Construction Progress Meeting Notes 2-8-2024**
- 3. Phase 1, Division A Construction Progress Meeting Notes 3-14-2024**
- 4. Phase 1, Division A Construction Progress Meeting Notes 4-11-2024**
- 5. Phase 1, Division A Construction Progress Meeting Notes 5-9-2024**
- 6. Phase 1, Division A Construction Progress Meeting Notes 6-13-2024**
- 7. Phase 1, Division A Construction Progress Meeting Notes 7-15-2024**

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: January 11, 2024

LOCATION: Grimmer's Field Office
8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE

- a. An attendance sheet was circulated. A scan of the sheet is attached.

2. SCHEDULE

- a. Review Contractor's Schedule
 - i. The Contractor provided their draft schedule and highlighted key components of the plan.
 - 1. It was noted that the structures are a key submittal. The Contractor is currently reviewing the precaster's submittal. The Contractor noted that their precaster has provided an option for pre-casting the flow channels, and they are currently assessing that option.
 - 2. The Contractor noted that they will be submitting HOBAS as the large diameter pipe.
 - 3. The Contractor noted that they are currently preparing the pre-construction video.
 - 4. The tree removal plan was discussed. Commonwealth will prepare a tree removal notification letter for the Town's review. The Town, Contractor, and Engineer's RPR will walk the alignment to determine which trees will be pruned and removed. It was noted that all trees will need to be removed by 3/31/2024 due to the Indiana Bat regulations.
 - 5. The Contractor is tentatively planning to do the Early Action Work on 1/24/2024. The Contractor shall coordinate with Town regarding cleaning of the wet well / time frame for completing the early action work. The Contractor shall notify the Engineer when this work will occur so that their RPR can be on site.
 - 6. Contractor is tentatively planning to move on site and begin layout work 2/19/2024.
 - 7. The Contractor noted that due to schedule, they will be utilizing two (2) crews. The Engineer noted that there are several locations along the

Duluth sewer that will need bypassed until the larger diameter sewer is online.

- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Last month's work included project planning, procurement, and submittals.
 - ii. Next month: Next month's work includes continued project planning, submittals, early action work, and moving on site.

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)
 - a. Plan of Operation – The Engineer noted that the plan of operation should be a general outline of the plan of construction and testing.
 - b. Schedule of Submittals – Draft submitted.
 - c. Precon Video and Survey – Currently being performed and will be submitted via Procore.
 - d. Construction Survey – Contractor shall submit point file to confirm it matches Engineer's design drawings.
 - e. Excavation and Dewatering Plan – It was noted that the Excavation Plan will need to be stamped by an engineer licensed in the state of Indiana.
 - f. Tree Removal Site Walkthrough – To be scheduled. Engineer to assemble notice letter.
 - g. Sanitary Bypassing Plan
 - h. Erosion Control Plan
 - i. Bedding, Granular Backfill, and Flowable Fill – Granular Backfill submittals are currently being reviewed by the geotechnical engineer.
 - j. Traffic Control Plan
 - k. Pre-Cast Sanitary Structures – Contractor reviewing precaster's submittal.

- ii. Contractual Status Summary – The Contractual Status Summary was reviewed. A copy is attached.
- iii. Next Pay App due by: Thursday, January 25, 2024

4. DISCUSSION

a. Contractor Items

- i. The Drawings currently show the fence around the wet well being removed and replaced. It was noted that this fence does not need to be replaced as a part of this project. A quantity adjustment will be performed at the end of this project.
- ii. The Contractor noted that there will need to be coordination with NIPSCO near the playground due to low hanging power lines. The Contractor will begin coordinating with NIPSCO and the Engineer will assist as needed.
- iii. It was noted that Final Grading and Seeding will be applied through the park. Final Grading and Sodding will be applied throughout the residential areas. Contractor shall submit a future RFI, which details the cost savings / changes for the project.
- iv. Discussion occurred regarding the playground equipment. Further discussion will occur as construction progresses towards that area. Contractor shall submit a future RFI detailing what they anticipate impacting.

b. Engineer Items

- i. WCD #1 – Storm Structure Adjustments to Be Issued

c. RPR Items

- i. The Contractor shall coordinate with the Engineer / RPR on schedule changes.

d. Owner Items

- i. It was noted that animal control will need access to their facilities throughout construction. In the Contractor's plan of operation, Contractor shall detail how they plan to provide access.

5. NEXT PROGRESS MEETING:

- a. Thursday, February 8, 2024, at 10:00 AM CST.

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days
- Sign-In Sheet

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00	N/A	N/A	N/A

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2023	December (31)	5	0	5
2024	January (31)	5	0 (thus far)	5
2024	February (28)	4		
2024	March (31)	4		
2024	April (30)	6		
2024	May (31)	4		
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		48	0	10

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date
2	Granular Backfill - Crushed Concrete	SME - Geotech	1/2/2024
6	Granular Backfill - SAND	SME - Geotech	1/4/2024

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date

ID	Task Name	Duration	Start	Finish	Cost	January	February	March	April	May	June	July	August	September	October	November	December					
						B M E	B M E	B M E	B M E	B M E	B M E	B M E	B M E	B M E	B M E	B M E	B M E					
1	HIGHLAND SSO PHASE 1 DIV A	243 days	Wed 1/3/24	Fri 12/6/24	\$11,619,169.00	[Gantt bar spanning from Jan 3 to Dec 6, 2024]																
2	Mobilization	109 days	Wed 1/3/24	Mon 6/3/24	\$738,000.00	[Gantt bar spanning from Jan 3 to Jun 3, 2024]																
3	submittals	109 days	Wed 1/3/24	Mon 6/3/24	\$30,000.00	[Gantt bar spanning from Jan 3 to Jun 3, 2024]																
4	Structures - san and stm	1 day	Fri 1/19/24	Fri 1/19/24	\$5,000.00																	
5	bedding material	1 day	Fri 1/12/24	Fri 1/12/24	\$100.00																	
6	backfill material	1 day	Thu 1/4/24	Thu 1/4/24	\$1,000.00																	
7	sanitary main - PVC	1 day	Fri 1/5/24	Fri 1/5/24	\$100.00																	
8	sanitary lateral pipe	1 day	Wed 1/3/24	Wed 1/3/24	\$500.00																	
9	sanitary pipe - FRP	1 day	Fri 1/19/24	Fri 1/19/24	\$10,000.00																	
10	storm sewer pipe	1 day	Fri 1/19/24	Fri 1/19/24	\$100.00																	
11	castings	1 day	Wed 1/3/24	Wed 1/3/24	\$200.00																	
12	plan of operation	1 day	Fri 1/19/24	Fri 1/19/24	\$2,000.00																	
13	pre-construction video	1 day	Fri 1/12/24	Fri 1/12/24	\$1,000.00																	
14	ERS plan	1 day	Fri 1/26/24	Fri 1/26/24	\$6,000.00																	
15	bypass plan	1 day	Fri 1/19/24	Fri 1/19/24	\$500.00																	
16	erosion control plan	1 day	Fri 1/19/24	Fri 1/19/24	\$500.00																	
17	Traffic control plan	1 day	Fri 2/2/24	Fri 2/2/24	\$2,600.00																	
18	asphalt	1 day	Mon 4/1/24	Mon 4/1/24	\$100.00																	
19	concrete	1 day	Mon 4/1/24	Mon 4/1/24	\$100.00																	
20	tree replacement	1 day	Mon 6/3/24	Mon 6/3/24	\$100.00																	
21	fence	1 day	Mon 6/3/24	Mon 6/3/24	\$100.00																	
22	Early Action Work	2 days	Wed 1/24/24	Thu 1/25/24	\$30,000.00																	
23	5th St. LS invert	1 day	Wed 1/24/24	Wed 1/24/24	\$15,000.00																	
24	Video 84" storm	1 day	Thu 1/25/24	Thu 1/25/24	\$15,000.00																	
25	Field Mobilization	10 days	Mon 2/19/24	Fri 3/1/24	\$678,000.00																	
26	Layout, equipment, compound, stage materials	10 days	Mon 2/19/24	Fri 3/1/24	\$678,000.00																	
27																						
28	MISC ONGOING ANCILLARY WORK	14 days	Mon 2/26/24	Thu 3/14/24	\$460,840.00																	
29	Erosion control	10 days	Mon 2/26/24	Fri 3/8/24	\$40,000.00																	
30	Clear Trees	5 days	Mon 3/4/24	Fri 3/8/24	\$70,840.00																	
31	Remove fences, misc other remo	5 days	Mon 3/4/24	Fri 3/8/24	\$300,000.00																	
32	Traffic control	5 days	Sat 3/9/24	Thu 3/14/24	\$50,000.00																	
33																						
34	Sanitary Sewer Installation	200 days	Mon 3/4/24	Fri 12/6/24	\$9,694,089.00	[Gantt bar spanning from Mar 4 to Dec 6, 2024]																
35	FRP / DEEP SEWER	200 days	Mon 3/4/24	Fri 12/6/24	\$7,050,860.00	[Gantt bar spanning from Mar 4 to Dec 6, 2024]																
36	Connection to existing LS	17 days	Mon 3/4/24	Tue 3/26/24	\$286,000.00																	
37	excavate/install slide rail	10 days	Mon 3/4/24	Fri 3/15/24	\$200,000.00																	
38	by pass pump	1 day	Mon 3/18/24	Mon 3/18/24	\$50,000.00																	
39	core structure, install boot	1 day	Tue 3/19/24	Tue 3/19/24	\$6,000.00																	
40	install first pipe, plug	5 days	Wed 3/20/24	Tue 3/26/24	\$30,000.00																	
41	30" Gravity - 294 LF	21 days	Wed 3/27/24	Wed 4/24/24	\$588,000.00																	
42	STR 100 - 72" DIA	4 days	Thu 4/25/24	Tue 4/30/24	\$45,400.00																	
43	STR 101 - 10X10 BOX	8 days	Wed 5/1/24	Fri 5/10/24	\$202,000.00																	
44	60" FRP - 413 LF	15 days	Mon 5/13/24	Fri 5/31/24	\$784,700.00																	
45	STR 102 - 120" DIA	3 days	Mon 6/3/24	Wed 6/5/24	\$79,000.00																	
46	60" FRP - 200 LF	30 days	Thu 6/6/24	Wed 7/17/24	\$380,000.00																	
47	STR 103 - 120" DIA, DROP	7 days	Thu 7/18/24	Fri 7/26/24	\$135,000.00																	
48	30" PVC - 30 LF (short of conn	2 days	Mon 7/29/24	Tue 7/30/24	\$60,000.00																	
49	60" FRP - 463 LF	16 days	Wed 7/31/24	Wed 8/21/24	\$879,700.00																	
50	STR 104 - 96" DIA	2 days	Thu 8/22/24	Fri 8/23/24	\$49,000.00																	
51	60" FRP - 404 LF	14 days	Mon 8/26/24	Thu 9/12/24	\$767,600.00																	
52	STR 105 - 96" DIA	2 days	Fri 9/13/24	Mon 9/16/24	\$49,000.00																	
53	60" FRP - 354 LF	12 days	Tue 9/17/24	Wed 10/2/24	\$672,600.00																	
54	STR 106 - 120" DIA	3 days	Thu 10/3/24	Mon 10/7/24	\$79,000.00																	
55	60" FRP - 157 LF	6 days	Tue 10/8/24	Tue 10/15/24	\$298,300.00																	
56	STR 107 - 120" DIA	3 days	Wed 10/16/24	Fri 10/18/24	\$79,000.00																	
57	60" FRP - 55 LF	3 days	Mon 10/21/24	Wed 10/23/24	\$104,500.00																	

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: February 8, 2024

LOCATION: Grimmer's Field Office
8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE

- a. An attendance sheet was circulated. A scan of the sheet is attached.

2. SCHEDULE

- a. Review Contractor's Schedule
 - i. Grimmer noted that their mobilization date will be moved back two (2) weeks to March 4, 2024.
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Last month's work included submittals and early action field work. Grimmer has started prep work at the future lift station site, removal of fence, control survey, and confirmation of elevations at the existing N. 5th Street Lift Station. In addition, Grimmer coordinated with NISPCO regarding the relocation of utilities.
 - ii. Next month: Next month's work includes submittals, additional early action work, and moving on site.

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)
 - a. Plan of Operation – The Engineer noted that the plan of operation should be a general outline of the plan of construction and testing.
 - b. Construction Survey – Contractor shall submit point file to confirm it matches Engineer's design drawings.

- c. Dewatering Plan – Grimmer noted that Dewatering plan will just be a paragraph detailing planned dewatering activities.
 - d. Tree Removal Site Walkthrough – Site walk through planned for February 29, 2024. Contractor to distribute letter.
 - e. Sanitary Bypassing Plan
 - f. Erosion Control Plan
 - g. Bedding and Flowable Fill – Bedding submittal discussed. Contractor coordinating with HOBAS manufacturer and will submit to Procore.
 - h. Traffic Control Plan – Grimmer shall include all signage for closure of the park within their traffic control plan.
 - i. Pre-Cast Sanitary Structures – Contractor reviewing precaster’s submittal – likely to submit first just first three (3) structures.
 - j. Fencing
 - k. Water Main Piping and Valving
 - l. Final Grading and Seeding / Sodding
 - m. Jack and Bore Items
- ii. Contractual Status Summary – The Contractual Status Summary was reviewed. A copy is attached.
 - 1. Change Order #1
 - a. Items to be included:
 - i. SDR 26 PVC Cost +\$8,376 (\$24 / LF)
 - 2. It was determined that weather days / unworkable days will not be started until Contractor moves on site in March.
 - iii. Next Pay App due by: Thursday, February 29, 2024

4. DISCUSSION

- a. Contractor Items
 - i. Grimmer has met on site with NIPSCO and begun early coordination to get the power lines / poles relocated.
 - 1. Highland noted that the Contractor shall ensure the new pole on N. 5th is placed in a manner to avoid Highland’s relocated water line.
 - ii. Grimmer to coordinate with Comcast and AT&T.
 - iii. A discussion of the condition of N. 5th Street occurred. Grimmer is concerned that it will need repaired following the completion of the project. Grimmer shall limit traffic on N. 5th Street by utilizing the Public Works drive and Parrish Avenue.
- b. Engineer Items
- c. RPR Items

d. Owner Items

- i. Highland is coordinating with the Parks department regarding the playground equipment in the park.
- ii. Highland will coordinate with their sweeper to sweep the Public Works drive daily.
- iii. Highland relocating 2-inch water line.

5. NEXT PROGRESS MEETING:

- a. Thursday, March 14, 2024, at 10:00 AM CST.

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days
- Sign-In Sheet

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00	1	+\$8,376.00	\$11,627,545

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4		
2024	April (30)	6		
2024	May (31)	4		
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	0	0

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date
6	Granular Backfill	Grimmer	1/24/2024 (CEI Response Date)

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: March 14, 2024
LOCATION: Grimmer's Field Office
8304 Kennedy Avenue, Highland, Indiana, 46322
TIME: 10:00 AM CST

1. ATTENDANCE

- a. Mark Knesek – Highland – Public Works Director
- b. Derek Snyder – NIES
- c. Brian Desharnais – CEI
- d. Brian Wilson – CEI
- e. Kyle Wofford – CEI
- f. John Dudlicek – Grimmer
- g. Brent Jeffries – Grimmer
- h. Jackson Saliwonczyk - Grimmer

2. SCHEDULE

- a. Contractor's Schedule Update
 - i. Grimmer provided an updated schedule indicating digging activities will start April 8, 2024.
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Grimmer continued submitting shop drawings for review. Tree removal occurred and is mostly complete. Grimmer delivered crushed concrete backfill, pipe, shoring, and excavator equipment to the site. Last month's work also included fence removal and installation of a temporary fence around the existing N. 5th Street Lift Station.
 - ii. Next month: Next month's work includes finalizing the tree removal, full mobilization on-site, and digging activities.

3. STATUS

a. PPAs, Shop Drawings, Change Orders, Engineering Directives

i. Shop Drawing Log Review

1. Anticipated Shop Drawings (Part 8 DS-00)

a. Early Action Items – Elevations at 1065

- i. Grimmer will confirm the elevation at existing MH 1065, which is the most upstream connection point for this project.

b. Sanitary Bypassing Plan

- i. It was noted that the bypass pumping at the N. 5th Street Lift Station is a critical component of this project to ensure that residents are protected from basement backups.
- ii. Highland / NIES provided a summary of how their existing bypass pumping system is configured.
- iii. Grimmer indicated that they would like to perform a start-up of the system with Highland to ensure they are operating the system correctly and that it is in working order.
- iv. Grimmer provided a general outline of their bypass pumping plan and indicated a submittal was forthcoming.
- v. CEI indicated that several connections along Duluth need to be considered within the plan.

c. Erosion Control Plan (“Construction Phase 2”)

- i. A discussion occurred regarding Grimmer’s erosion control self-monitoring requirements. Grimmer will either upload the forms to Procore or submit them with their monthly progress reports.

d. Bedding and Flowable Fill

- i. The bedding submittal has been submitted and approved.
- ii. The flowable fill submittal is forthcoming.

e. Traffic Control Plan (“Construction Phase 2”)

- i. Grimmer’s traffic control plan was reviewed.
- ii. Grimmer indicated that construction traffic on N. 5th Street will be limited. Most construction traffic will occur from / on Kennedy / Public Works and Parrish Avenue.

- iii. Highland indicated that signs indicating that the park is closed need to be placed at the N. 5th Street park entrance sooner rather than later.
 - iv. A discussion occurred regarding the playground on the east side of the park near Parrish Avenue. At this time, Grimmer shall be required to protect the playground for the duration of construction.
 - v. For “Construction Phase 1”, Grimmer shall leave the Parrish Avenue parking lot and playground open. A sign shall be placed on the park trail indicating “CONSTRUCTION IN PROGRESS – PARK CLOSED.”
 - vi. If Grimmer utilizes Parrish Avenue for soil removal, there are two (2) options:
 - 1. Parrish -> Laporte -> Kennedy
 - 2. Parrish -> Highway -> Cline
 - f. Pre-Cast Sanitary Structures (Continued)
 - i. Grimmer indicated that STR 101 is forthcoming as well as additional structures.
 - g. Fencing
 - h. Water Main Piping and Valving
 - i. Final Grading and Seeding / Sodding
 - i. Grimmer proposed performing a portion of tree replacement / final grading and seeding / sodding on the north side of Duluth.
 - ii. Highland expressed concerns regarding that plan because it could upset some homeowners who do not fully understand the scope of the project.
 - iii. Grimmer indicated that they would like to use seed in this area because they believe it to be a better product. The contractual requirements currently call for sod in the residential areas or the project.
 - iv. Grimmer shall submit an RFI detailing the cost differential between providing sod and seed for the project as well as when they would like to perform the final grading and seeding. This RFI will provide Highland, NIES, and CEI the opportunity to review Grimmer’s plan and the cost savings opportunities.
 - j. Jack and Bore Items
- ii. Contractual Status Summary
 - 1. Change Order #1

- a. Items to be Included:
 - i. SDR 26 PVC Cost + \$8,376 (\$24.00 / LF)
- iii. Next Pay App due by: March 28, 2024
 - 1. Hard copies of the pay application shall be mailed to Highland so that they arrive on or before the second Tuesday of the month. Digital copies shall be provided as soon as they are available.

4. DISCUSSION

- a. Contractor Items

- i. NIPSCO Coordination

- 1. Grimmer has been coordinating with NIPSCO since January to relocate a pole that conflicts with their excavation limits.
 - a. NIPSCO recently indicated that they do not own the pole.
 - b. Grimmer will set a new pole and coordinate with NIPSCO / AT&T to reconnect utility service to the pole.
 - 2. Grimmer will continue to coordinate with NIPSCO on the eastern portion of the project.

- ii. Crushed Concrete Backfill

- 1. An email correspondence Grimmer indicated that they would like to utilize the crushed concrete backfill for the entire depth of the trench rather than two (2) foot layer detailed in RFI 6.
 - 2. The geotechnical / design team has two (2) concerns about using the crushed concrete material for the full trench depth.
 - a. The groundwater may cause a reaction with the cementitious material within the crushed concrete causing the material to swell.
 - b. When the groundwater comes in contact with the cementitious material in the crushed concrete, the pH of the backfill and groundwater will become elevated. Recent research has shown that backfill media with an elevated pH may have a deleterious impact on the exterior of glass-reinforced plastic composite pipe.
 - 3. Grimmer has coordinated with HOBAS (pipe supplier), and HOBAS indicated that concern (b) is not an issue with their pipe.
 - 4. NIES and CEI believe that the risk of cementitious material swelling is too high for the crushed concrete to be utilized more than the two (2) foot layer detailed in RFI 6.
 - 5. Grimmer indicated that they will install the backfill in accordance with RFI 6.

iii. Electric Service RFI

1. The electric service for the existing N. 5th lift station routes through Grimmer's excavation and slide rail shoring. The service needs to be relocated to install the 30-inch pipe.
 2. The electric service was not marked during the time of the survey and subsequently not shown on the drawings.
 3. Grimmer has coordinated with Midwestern Electric to obtain a quote for moving this line.
 4. It was determined that the Construction Team will meet on-site to review this relocation. Grimmer shall provide an updated quote to Procore.
 5. The Owner Authorized Allowance will be utilized to pay for the electric service relocation.
- iv. Grimmer would like to use a Procore Beta for the Highland project. Grimmer will provide CEI with the Beta information and they will coordinate internally with IT department.
- v. CEI will provide Grimmer guidance on testing sanitary structures greater than 72" in diameter.

b. Engineer Items

i. P3 – Water Main Discussion

1. CEI presented adjustments to P3, which shifts the water main to the south side of the road.
2. CEI shall coordinate with NIES to prepare WCD #2, which will detail these changes. Grimmer will provide commentary on cost impacts, which will be included in a future change order.

ii. PP8 – Minor Structure Modifications

1. CEI presented minor adjustments to PP8, which provide adjustments to two (2) proposed structures and additional flowable fill.
2. CEI shall coordinate with NIES to prepare WCD #2, which will detail these changes. Grimmer will provide commentary on cost impacts, which will be included in a future change order.
3. Discussion occurred regarding coring versus pre-cast holes. It was determined the pre-cast option is preferred and existing pipes entering the manhole shall be dropped by 0.1'.

iii. Traffic Control Submittal (Discussion occurred – see Part 3 of these notes.)

iv. Construction Door Hangers

1. CEI presented door hangers, which can be placed as construction moves closer to Parrish Avenue / Duluth. The door hangers were approved.

2. CEI noted that they can prepare social media graphics for the Town's use. CEI will coordinate with its marketing team to develop a Social Media graphic for the construction beginning in the park on April 8, 2024.
- c. RPR Items
- d. Owner Items
 - i. Discussion occurred regarding closing the park and protecting the existing playground equipment. See traffic control discussion within these notes.

5. NEXT PROGRESS MEETING:

- a. Thursday, April 11, 2024, at 10:00 AM CST

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00	1	+\$8,376.00	\$11,627,545

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4	1 so far	
2024	April (30)	6		
2024	May (31)	4		
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	0	0

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date
21	Traffic Control Plan	CEI	3/7/2024

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date
10	STR 101 – Flow Line and Knockout	Grimmer	2/15/2024 (CEI Response Date)
11	Electric Service for Lift Station	CEI	3/12/2024

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: April 11, 2024

LOCATION: Grimmer's Field Office
8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE

2. SCHEDULE

- a. Contractor's Schedule Update
 - i. The construction schedule was discussed. The Town, NIES, and Commonwealth expressed concern about Grimmer meeting the substantial completion date.
 - ii. Grimmer indicated that they will send a revised schedule via email. (Grimmer's updated construction schedule is attached.)
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Grimmer's last month of progress involved getting their excavator on site, assembled, and operational. Last month's work also included: Coordination with NIPSCO, removal of final trees, coordination with Midwest Electric, and final shop drawings.
 - ii. Next month: Providing temporary power to the lift station. Starting on the 30-inch pipe and installing Structures 100 and 101. Contractor indicated that they will implement traffic control within the park.

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)
 - a. Early Action Items – Elevations at 1065
 - b. Sanitary Bypassing Plan – Grimmer to submit. Commonwealth to provide to the group for review.

- c. Erosion Control Plan (“Construction Phase 2”)
- d. Flowable Fill
- e. Traffic Control Plan (“Construction Phase 2”)
- f. Pre-Cast Sanitary Structures (Continued)
- g. Water Main Piping and Valving
- h. Final Grading and Seeding / Sodding

ii. Contractual Status Summary

1. Change Order #1

a. Items to be Included:

- i. SDR 26 PVC Cost + \$8,376 (\$24.00 / LF) – This cost will now be absorbed via the Owner Authorized Allowance.

iii. Next Pay App due by: April 25, 2024

4. DISCUSSION

a. Contractor Items

- i. NIPSCO Coordination – Contractor is coordinating with NIPSCO to relocate their wire at the lift station site and at Parrish Avenue.

b. Engineer Items

- i. WCD #2 Discussion – The Town and NIES are currently working on the design of a water main project. NIES will provide Commonwealth marked-up drawings, which will then be distributed via WCD#2.

c. RPR Items

d. Owner Items

- i. Contractor shall protect the playground equipment at Parrish Avenue entrance of the park.

5. NEXT PROGRESS MEETING:

- a. Thursday, May 9, 2024, at 10:00 AM CST

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00	1	+\$8,376.00	\$11,627,545

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%
PPA2	3/31/2024	\$236,168	\$318,168	3%	33%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4	1	3
2024	April (30)	6	1 so far	
2024	May (31)	4		
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	2	3

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date

HIGHLAND SANITARY DISTRICT
 SANITARY SEWER OVERFLOW REMEDIAL PROJECT
 PHASE 1 - DIVISION A - CONSTRUCTION PROGRESS MEETING
 SIGN-IN SHEET

April 11, 2024 - 10:00 AM CST

<u>Printed Name</u>	<u>Representing</u>	<u>Phone Number/E-Mail</u>
BRIAN WILSON	CEI	812-773-9100 / bwilson@contactcei.com
BRIAN DESHARNAIS	CEI	317-888-1177 / bdesarnais@contactcei.com
Derek Snyder	NIES	219-742-8680 / dsnyder@niesengineering.com
MARK KRZESEK	TOH	219-689-6664
BRENT JEFFRIES	GCI	219-746-5220 byffries@gimnercontractors.com
Jason Gibson	CEI	317-540-4289 / jgibson@contactcei.com
JOHN DUDLICEK	GCI	

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: May 9, 2024

LOCATION: Grimmer's Field Office
8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE

2. SCHEDULE

- a. Contractor's Schedule Update
 - i. The construction schedule was discussed, and Grimmer is back on schedule.
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Grimmer's last month of progress involved: (a) implementing traffic control in the park; (b) providing temporary power, temporary bypassing, and connecting to the existing N. 5th Lift station; (c) installing the 30" gravity sewer between the existing N. 5th Lift Station and Structure 100; (d) installing Structure 100; (e) installing the 30" gravity sewer between Structure 100 and Structure 101; (f) starting on the earth retention system for Structure 101.
 - ii. Next month: Grimmer's next month of progress is anticipated to involve (a) installing Structure 101, (b) starting on the 60-inch HOBAS pipe, which will be delivered to the site starting on Monday, May 13 ; (b) installing Structure 102.

HOBAS pipe will be onsite to assist with general installation guidance during the next month. There was a general conversation regarding the technical specification to test each joint as the HOBAS pipe is placed. Also during the next month will be coordination with the summer carnival and potential need for parking vehicles and equipment in the parking lot near Parrish Ave.

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)

- a. Early Action Items – Elevations at 1065
 - b. Sanitary Bypassing Plan
 - c. Erosion Control Plan (“Construction Phase 2”)
 - d. Flowable Fill
 - e. Traffic Control Plan (“Construction Phase 2”)
 - f. Pre-Cast Sanitary Structures (Continued)
 - g. Water Main Piping and Valving
 - h. Final Grading and Seeding / Sodding
- ii. Contractual Status Summary
 1. None. All costs to date for any changes / work directives are being covered by the Owner Authorized Allowance.
 - iii. Next Pay App due by: Thursday, May 30, 2024

4. DISCUSSION

- a. Contractor Items
 - i. NIPSCO Coordination – The contractor is coordinating with NIPSCO / Comcast / AT&T to relocate their respective infrastructure at Parrish Avenue. The Contractor will coordinate with the Town to locate and mark the locations of sprinkler heads in the ballfield.
- b. Engineer Items
 - i. WCD #2 Discussion – The Town and NIES are currently working on the design of a water main project. NIES will provide Commonwealth marked-up drawings, which will then be distributed via WCD#2.
- c. RPR Items
 - i. None.
- d. Owner Items
 - i. Contractor shall protect the playground equipment at Parrish Avenue entrance of the park.

5. NEXT PROGRESS MEETING:

- a. Thursday, June 13, 2024, at 10:00 AM CST

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00			\$11,619,169.00

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%
PPA2	3/31/2024	\$236,168	\$318,168	3%	33%
PPA3	4/30/2024	\$1,139,200	\$1,457,368	12.5%	41.2%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4	1	3
2024	April (30)	6	1	5
2024	May (31)	4	To be determined next month	
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	2	8

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date
24	Bypass Pumping Plan	Grimmer	4/18/2024

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date

ID	Task Name	Baseline Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Actual Duration	Start	Finish	Calendar																											
										April	May	June	July	August	September	October	November	December	January	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
1	HIGHLAND SSO PHASE 1 DIV A	258 days	NA	Fri 12/27/24	Mon 12/18/23	NA	14.9 days	Mon 12/18/24	Tue 12/10/24	[Gantt bar from Mon 12/18/24 to Tue 12/10/24]																											
2	Early action / planning	109 days	Wed 1/3/24	Mon 6/3/24	Mon 12/18/23	NA	74.9 days	Mon 12/18/24	Mon 6/3/24	[Gantt bar from Mon 12/18/24 to Mon 6/3/24]																											
26	MISC ONGOING ANCILLARY WORK	14 days	Mon 2/26/24	Thu 3/14/24	Mon 2/26/24	NA	2.8 days	Mon 2/26/24	Thu 3/14/24	[Gantt bar from Mon 2/26/24 to Thu 3/14/24]																											
31	Sanitary Sewer Installation	205 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	9.22 days	Mon 3/11/24	Tue 12/10/24	[Gantt bar from Mon 3/11/24 to Tue 12/10/24]																											
32	FRP / DEEP SEWER	205 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	11.68 days	Mon 3/11/24	Tue 12/10/24	[Gantt bar from Mon 3/11/24 to Tue 12/10/24] Shane																											
33	FIELD MOBILIZATION	5 days	Mon 3/18/24	Fri 3/22/24	Mon 3/11/24	Fri 4/12/24	15 days	Mon 3/11/24	Fri 4/12/24	[Task bar from Mon 3/11/24 to Fri 4/12/24]																											
34	Connection to existing LS	17 days	Mon 3/25/24	Tue 4/16/24	Mon 4/15/24	Tue 4/23/24	7 days	Mon 4/15/24	Tue 4/23/24	[Task bar from Mon 4/15/24 to Tue 4/23/24]																											
35	excavate/install slide rail	10 days	Mon 3/25/24	Fri 4/5/24	Mon 4/15/24	Wed 4/17/24	3 days	Mon 4/15/24	Wed 4/17/24	[Task bar from Mon 4/15/24 to Wed 4/17/24]																											
36	by pass pump	1 day	Mon 4/8/24	Mon 4/8/24	Mon 4/22/24	Tue 4/23/24	2 days	Mon 4/22/24	Tue 4/23/24	[Task bar from Mon 4/22/24 to Tue 4/23/24]																											
37	core structure, install boot	1 day	Tue 4/9/24	Tue 4/9/24	Mon 4/22/24	Mon 4/22/24	0 days	Mon 4/22/24	Mon 4/22/24	[Task bar from Mon 4/22/24 to Mon 4/22/24] 4/22																											
38	fix gate	0 days?	NA	NA	Mon 4/22/24	Mon 4/22/24	1 day	Mon 4/22/24	Mon 4/22/24	[Task bar from Mon 4/22/24 to Mon 4/22/24]																											
39	install first pipe, plug	5 days	Wed 4/10/24	Tue 4/16/24	Tue 4/23/24	Tue 4/23/24	1 day	Tue 4/23/24	Tue 4/23/24	[Task bar from Tue 4/23/24 to Tue 4/23/24]																											
40	30" Gravity - 294 LF	21 days	Wed 4/17/24	Wed 5/15/24	Tue 4/23/24	NA	0 days	Tue 4/23/24	Wed 5/22/24	[Task bar from Tue 4/23/24 to Wed 5/22/24]																											
41	STR 100 - 72" DIA	4 days	Thu 5/16/24	Tue 5/21/24	Thu 5/2/24	Thu 5/2/24	0 days	Thu 5/2/24	Thu 5/2/24	[Task bar from Thu 5/2/24 to Thu 5/2/24] 5/2																											
42	STR 101 - 10X10 BOX	8 days	Wed 5/22/24	Fri 5/31/24	NA	NA	0 days	Fri 5/3/24	Tue 5/14/24	[Task bar from Fri 5/3/24 to Tue 5/14/24]																											
43	60" FRP - 413 LF	15 days	Mon 6/3/24	Fri 6/21/24	NA	NA	0 days	Wed 5/15/24	Tue 6/4/24	[Task bar from Wed 5/15/24 to Tue 6/4/24]																											
44	STR 102 - 120" DIA	3 days	Mon 6/24/24	Wed 6/26/24	NA	NA	0 days	Wed 6/5/24	Fri 6/7/24	[Task bar from Wed 6/5/24 to Fri 6/7/24]																											
45	60" FRP - 200 LF	30 days	Thu 6/27/24	Wed 8/7/24	NA	NA	0 days	Mon 6/10/24	Fri 7/19/24	[Task bar from Mon 6/10/24 to Fri 7/19/24]																											
46	STR 103 - 120" DIA, DROP	7 days	Thu 8/8/24	Fri 8/16/24	NA	NA	0 days	Mon 7/22/24	Tue 7/30/24	[Task bar from Mon 7/22/24 to Tue 7/30/24]																											
47	30" PVC - 30 LF (short of connection)	2 days	Mon 8/19/24	Tue 8/20/24	NA	NA	0 days	Wed 7/31/24	Thu 8/1/24	[Task bar from Wed 7/31/24 to Thu 8/1/24]																											
48	60" FRP - 463 LF	16 days	Wed 8/21/24	Wed 9/11/24	NA	NA	0 days	Fri 8/2/24	Fri 8/23/24	[Task bar from Fri 8/2/24 to Fri 8/23/24]																											
49	STR 104 - 96" DIA	2 days	Thu 9/12/24	Fri 9/13/24	NA	NA	0 days	Mon 8/26/24	Tue 8/27/24	[Task bar from Mon 8/26/24 to Tue 8/27/24]																											
50	60" FRP - 404 LF	14 days	Mon 9/16/24	Thu 10/3/24	NA	NA	0 days	Wed 8/28/24	Mon 9/16/24	[Task bar from Wed 8/28/24 to Mon 9/16/24]																											
51	STR 105 -96" DIA	2 days	Fri 10/4/24	Mon 10/7/24	NA	NA	0 days	Tue 9/17/24	Wed 9/18/24	[Task bar from Tue 9/17/24 to Wed 9/18/24]																											
52	60" FRP - 354 LF	12 days	Tue 10/8/24	Wed 10/23/24	NA	NA	0 days	Thu 9/19/24	Fri 10/4/24	[Task bar from Thu 9/19/24 to Fri 10/4/24]																											
53	STR 106 - 120" DIA	3 days	Thu 10/24/24	Mon 10/28/24	NA	NA	0 days	Mon 10/7/24	Wed 10/9/24	[Task bar from Mon 10/7/24 to Wed 10/9/24]																											
54	60" FRP - 157 LF	6 days	Tue 10/29/24	Tue 11/5/24	NA	NA	0 days	Thu 10/10/24	Thu 10/17/24	[Task bar from Thu 10/10/24 to Thu 10/17/24]																											
55	STR 107 - 120" DIA	3 days	Wed 11/6/24	Fri 11/8/24	NA	NA	0 days	Fri 10/18/24	Tue 10/22/24	[Task bar from Fri 10/18/24 to Tue 10/22/24]																											
56	60" FRP - 55 LF	3 days	Mon 11/11/24	Wed 11/13/24	NA	NA	0 days	Wed 10/23/24	Fri 10/25/24	[Task bar from Wed 10/23/24 to Fri 10/25/24]																											
57	STR 108 - 120" DIA	3 days	Thu 11/14/24	Mon 11/18/24	NA	NA	0 days	Mon 10/28/24	Wed 10/30/24	[Task bar from Mon 10/28/24 to Wed 10/30/24]																											
58	42" FRP - 501 LF	12 days	Tue 11/19/24	Wed 12/4/24	NA	NA	0 days	Thu 10/31/24	Fri 11/15/24	[Task bar from Thu 10/31/24 to Fri 11/15/24]																											
59	STR 109 - 96" DIA, DROP	3 days	Thu 12/5/24	Mon 12/9/24	NA	NA	0 days	Mon 11/18/24	Wed 11/20/24	[Task bar from Mon 11/18/24 to Wed 11/20/24]																											
60	By-pass A and A-1	9 days	Tue 12/10/24	Fri 12/20/24	NA	NA	0 days	Thu 11/21/24	Tue 12/3/24	[Task bar from Thu 11/21/24 to Tue 12/3/24]																											
61	STR 121 - 72" DIA, DROP	7 days	Tue 12/10/24	Wed 12/18/24	NA	NA	0 days	Thu 11/21/24	Fri 11/29/24	[Task bar from Thu 11/21/24 to Fri 11/29/24]																											
62	30" PVC - 25 LF	2 days	Thu 12/19/24	Fri 12/20/24	NA	NA	0 days	Mon 12/2/24	Tue 12/3/24	[Task bar from Mon 12/2/24 to Tue 12/3/24]																											
63	Abandon Old Sewer	5 days	Mon 12/23/24	Fri 12/27/24	NA	NA	0 days	Wed 12/4/24	Tue 12/10/24	[Task bar from Wed 12/4/24 to Tue 12/10/24]																											
64	Backfill deep sewer (hammock task)	178 days	Wed 4/17/24	Fri 12/20/24	NA	NA	0 days	Tue 4/23/24	Tue 12/3/24	[Task bar from Tue 4/23/24 to Tue 12/3/24]																											
65	WATER RELOCATIONS	17 days	Mon 7/1/24	Tue 7/23/24	NA	NA	0 days	Mon 7/1/24	Tue 7/23/24	[Task bar from Mon 7/1/24 to Tue 7/23/24] Jake																											
66	WATER TIE-INS	13 days	Tue 12/10/24	Thu 12/26/24	NA	NA	0 days	Thu 11/21/24	Mon 12/9/24	[Task bar from Thu 11/21/24 to Mon 12/9/24] Jake																											

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING AGENDA

DATE: June 13, 2024

LOCATION: 8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE

2. SCHEDULE

- a. Contractor's Schedule Update
 - i. Grimmer provided their updated construction schedule to CEI via email following the construction progress meeting. Generally, Grimmer is on schedule.
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Grimmer's last month of progress involved: (a) installing Structures 101 and 102; (b) installing the gravity sewer pipe between Structure 101 and Structure 102.
 - ii. Next month: Grimmer's next month of progress is anticipated to involve (a) preparing the bore pits for the jack and bore installation; (b) completing the open cut between Structures 102 and 103; (c) cleaning the sand from the 60" sewer due to the failed storm pipe; (d) continuing to lay 60" pipe towards Structure 104..

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)
 - a. Early Action Items – Elevations at 1065
 - i. Grimmer has field confirmed the elevations at existing Structure 1065. Grimmer will upload the information to Procore.
 - b. Erosion Control Plan ("Construction Phase 2")

- ii. Highland indicated that Grimmer shall be required to protect the existing playground equipment near Parrish Avenue.
 1. Grimmer will investigate on site to determine the best path forward for construction. Grimmer indicated that they may need to remove and replace the playground equipment.
- iii. Highland indicated that there are two (2) memorial trees near the playground. These trees will be relocated prior to Grimmer being in that area.
- iv. Highland may request that Grimmer remove the asphalt basketball court as a part of the project. Highland is confirming with the Parks Department.
- v. During construction, Grimmer's excavator hit the roof of one of the park shelters. Grimmer is aware and will coordinate with Highland prior to repair.

5. NEXT PROGRESS MEETING:

- a. Thursday, July 11, 2024, at 10:00 AM CST

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00			\$11,619,169.00

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%
PPA2	3/31/2024	\$236,168	\$318,168	3%	33%
PPA3	4/30/2024	\$1,139,200	\$1,457,368	13%	41%
PPA4	5/31/2024	\$1,494,358	\$2,951,726	25%	50%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4	1	3
2024	April (30)	6	1	5
2024	May (31)	4	1	3
2024	June (30)	2		
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	3	11

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date

HIGHLAND SANITARY DISTRICT
 SANITARY SEWER OVERFLOW REMEDIAL PROJECT
 PHASE 1 - DIVISION A - CONSTRUCTION PROGRESS MEETING
 SIGN-IN SHEET

June 13, 2024 - 10:00 AM CST

<u>Printed Name</u>	<u>Representing</u>	<u>Phone Number/E-Mail</u>
Brian Wilson	CEI	bwilson@contactcei.com
Jane Schroeder	CEI	jschroeder@contactcei.com
JOHN DUBUCEK	GC&F	
BRENT JEFFRIES VIA PHONE		
Jason Gibson	CEI	jgibson@contactcei.com
Deech Snyder	NIES	dsnyder@niesengineering.com
Mark Krzesiek	TOH	mkrzesiek@highland.in.gov

ID	Task Name	Baseline Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Actual Duration	Start	Finish	Calendar																														
										April	May	June	July	August	September	October	November	December	January	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
1	HIGHLAND SSO PHASE 1 DIV A	258 days	NA	Fri 12/27/24	Mon 12/18/23	NA	30.84 days	Mon 12/18/23	Wed 12/11/24	[Gantt bar from Mon 12/18/23 to Wed 12/11/24]																														
2	Early action / planning	109 days	Wed 1/3/24	Mon 6/3/24	Mon 12/18/23	NA	74.9 days	Mon 12/18/23	Mon 6/3/24	[Gantt bar from Mon 12/18/23 to Mon 6/3/24]																														
26	MISC ONGOING ANCILLARY WORK	14 days	Mon 2/26/24	Thu 3/14/24	Mon 2/26/24	NA	2.8 days	Mon 2/26/24	Thu 3/14/24	[Gantt bar from Mon 2/26/24 to Thu 3/14/24]																														
31	Sanitary Sewer Installation	205 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	27.19 days	Mon 3/11/24	Wed 12/11/24	[Gantt bar from Mon 3/11/24 to Wed 12/11/24]																														
32	FRP / DEEP SEWER	205 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	34.53 days	Mon 3/11/24	Wed 12/11/24	[Gantt bar from Mon 3/11/24 to Wed 12/11/24] Shane																														
33	FIELD MOBILIZATION	5 days	Mon 3/18/24	Fri 3/22/24	Mon 3/11/24	Fri 4/12/24	15 days	Mon 3/11/24	Fri 4/12/24	[Gantt bar from Mon 3/11/24 to Fri 4/12/24]																														
34	Connection to existing LS	17 days	Mon 3/25/24	Tue 4/16/24	Mon 4/15/24	Tue 4/23/24	7 days	Mon 4/15/24	Tue 4/23/24	[Gantt bar from Mon 4/15/24 to Tue 4/23/24]																														
40	30" Gravity - 294 LF	21 days	Wed 4/17/24	Wed 5/15/24	Tue 4/23/24	Wed 5/15/24	16 days	Tue 4/23/24	Wed 5/15/24	[Gantt bar from Tue 4/23/24 to Wed 5/15/24]																														
41	STR 100 - 72" DIA	4 days	Thu 5/16/24	Tue 5/21/24	Thu 5/2/24	Thu 5/2/24	1 day	Thu 5/2/24	Thu 5/2/24	[Gantt bar from Thu 5/2/24 to Thu 5/2/24]																														
42	STR 101 - 10X10 BOX	8 days	Wed 5/22/24	Fri 5/31/24	Wed 5/8/24	Mon 5/20/24	9 days	Wed 5/8/24	Mon 5/20/24	[Gantt bar from Wed 5/8/24 to Mon 5/20/24]																														
43	60" FRP - 413 LF	15 days	Mon 6/3/24	Fri 6/21/24	Thu 5/16/24	Thu 6/6/24	13 days	Thu 5/16/24	Thu 6/6/24	[Gantt bar from Thu 5/16/24 to Thu 6/6/24]																														
44	STR 102 - 120" DIA	3 days	Mon 6/24/24	Wed 6/26/24	Fri 6/7/24	Mon 6/10/24	2 days	Fri 6/7/24	Mon 6/10/24	[Gantt bar from Fri 6/7/24 to Mon 6/10/24]																														
45	60" FRP - 200 LF	30 days	Thu 6/27/24	Wed 8/7/24	Tue 6/11/24	NA	0 days	Tue 6/11/24	Mon 7/22/24	[Gantt bar from Tue 6/11/24 to Mon 7/22/24]																														
46	STR 103 - 120" DIA, DROP	7 days	Thu 8/8/24	Fri 8/16/24	NA	NA	0 days	Tue 7/23/24	Wed 7/31/24	[Gantt bar from Tue 7/23/24 to Wed 7/31/24]																														
47	30" PVC - 30 LF (short of connection)	2 days	Mon 8/19/24	Tue 8/20/24	NA	NA	0 days	Thu 8/1/24	Fri 8/2/24	[Gantt bar from Thu 8/1/24 to Fri 8/2/24]																														
48	60" FRP - 463 LF	16 days	Wed 8/21/24	Wed 9/11/24	NA	NA	0 days	Mon 8/5/24	Mon 8/26/24	[Gantt bar from Mon 8/5/24 to Mon 8/26/24]																														
49	STR 104 - 96" DIA	2 days	Thu 9/12/24	Fri 9/13/24	NA	NA	0 days	Tue 8/27/24	Wed 8/28/24	[Gantt bar from Tue 8/27/24 to Wed 8/28/24]																														
50	60" FRP - 404 LF	14 days	Mon 9/16/24	Thu 10/3/24	NA	NA	0 days	Thu 8/29/24	Tue 9/17/24	[Gantt bar from Thu 8/29/24 to Tue 9/17/24]																														
51	STR 105 -96" DIA	2 days	Fri 10/4/24	Mon 10/7/24	NA	NA	0 days	Wed 9/18/24	Thu 9/19/24	[Gantt bar from Wed 9/18/24 to Thu 9/19/24]																														
52	60" FRP - 354 LF	12 days	Tue 10/8/24	Wed 10/23/24	NA	NA	0 days	Fri 9/20/24	Mon 10/7/24	[Gantt bar from Fri 9/20/24 to Mon 10/7/24]																														
53	STR 106 - 120" DIA	3 days	Thu 10/24/24	Mon 10/28/24	NA	NA	0 days	Tue 10/8/24	Thu 10/10/24	[Gantt bar from Tue 10/8/24 to Thu 10/10/24]																														

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONSTRUCTION PROGRESS MEETING NOTES

DATE: July 15, 2024

LOCATION: 8304 Kennedy Avenue, Highland, Indiana, 46322

TIME: 10:00 AM CST

1. ATTENDANCE (See attached sign-in sheet.)

2. SCHEDULE

- a. Contractor's Schedule Update
- b. Adjustment, Unworkable Days, Completion Date, etc.
 - i. Notice to Proceed = December 1, 2023
 - ii. Substantial Completion = December 1, 2024
 - iii. Final Completion = December 31, 2024
- c. Summarize last month's progress and next month's anticipated work
 - i. Last month: Grimmer has continued to install the 60-inch HOBAS. Recently, they have finished the bore and jack under N. 5th Street and installed STR 103. Coordination has occurred between NIPSCO / Comcast / AT&T regarding the poles near Parrish Avenue.
 - ii. Next month: Grimmer plans to continue to install the 60-inch HOBAS through Homestead Park and beginning working on the water main improvements.

3. STATUS

- a. PPAs, Shop Drawings, Change Orders, Engineering Directives
 - i. Shop Drawing Log Review
 - 1. Anticipated Shop Drawings (Part 8 DS-00)
 - a. Erosion Control Plan ("Construction Phase 2") – CEI noted that since we are beginning work outside of the park – Grimmer shall submit the Phase 2 Erosion Control Plan.
 - b. Flowable Fill
 - c. Traffic Control Plan ("Construction Phase 2") - CEI noted that since we are beginning work outside of the park – Grimmer shall submit the Phase 2 Erosion Control Plan.
 - d. Pre-Cast Sanitary Structures (Continued) – Grimmer noted that they have submitted through Str 109.

- e. Water Main Piping and Valving – Grimmer to submit after receipt from their supplier.
 - f. Final Grading and Seeding / Sodding – discussion occurred when seeding will occur. Based on Grimmer’s construction schedule – they believe that they will start seeding the softball and baseball fields in September.
- ii. Contractual Status Summary
 - 1. Grimmer shall confirm their June unworkable days and provide to CEI.
 - iii. Next Pay App due by: Thursday, July 25, 2024

4. DISCUSSION

- a. Contractor Items

- i. NIPSCO / Comcast / AT&T Coordination Update (Near Parrish)

- 1. Grimmer has coordinated with NIPSCO / Comcast / AT&T. Comcast and AT&T will temporarily drop the lines and Grimmer will work around them.
 - 2. Grimmer is still coordinating with NIPSCO on a path forward regarding their lines. Grimmer to bump an email chain from NIPSCO to keep coordination moving forward.

- ii. Pavilion Damage

- 1. During construction, Grimmer’s excavator hit the park pavilion roof and damaged it. Grimmer will assess the damage and propose a solution to fix the pavilion to the Town.

- b. Engineer Items

- i. WCD #2 Discussion

- 1. Draft WCD #2 was reviewed. CEI noted that they will be updating the WCD #2 in short order. CEI will coordinate the final WCD with the Town / NIES.

- c. RPR Items

- d. Owner Items

- i. Grimmer shall protect the playground equipment. Grimmer noted that after field review, there should be minimal impact to the playground.
 - ii. The Town shall confirm with the Parks Department if it is their desire to fully the basketball court.

5. NEXT PROGRESS MEETING:

- a. Thursday, August 8, 2024, at 10:00 AM CST

ATTACHMENTS:

- Shop Drawing / RFI Log
- Contractual Status Summary
- Weather Days

**HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A
CONTRACTUAL STATUS SUMMARY**

PROJECT NO.:	S18049	CHANGE ORDERS		ADJUSTED CONTRACT AMOUNT
		No.	Amt	
CONTRACT AMOUNT:	\$11,619,169.00			\$11,619,169.00

Date of Notice of Award :	11/15/2023	CHANGE ORDERS		ADJUSTED SUBSTANTIAL COMPLETION DATE	ADJUSTED FINAL COMPLETION DATE
		No.	Days		
Date of Notice to Proceed (clock starts):	12/1/2023				
Date of Substantial Completion - (365 consecutive calendar days):	12/1/2024	N/A	N/A	N/A	N/A
Date of Final Completion - (30 additional consecutive calendar days):	12/31/2024				

Partial Payments Requested	Work Performed Through	Amount	Total	% Complete Budgetary	% Complete Schedule to Substantial Completion
PPA1	11/30/2023	\$82,000	\$82,000	0.7%	0%
PPA2	3/31/2024	\$236,168	\$318,168	3%	33%
PPA3	4/30/2024	\$1,139,200	\$1,457,368	13%	41%
PPA4	5/31/2024	\$1,494,358	\$2,951,726	25%	50%
PPA5	6/30/2024	\$1,320,698	\$4,272,424	37%	58%

Weather Days / Unworkable Days				
Year	Month (Days)	Unworkable Afforded	Unworkable Incurred	Difference
2024	March (31)	4	1	3
2024	April (30)	6	1	5
2024	May (31)	4	1	3
2024	June (30)	2	1	1
2024	July (31)	2		
2024	August (31)	2		
2024	September (30)	2		
2024	October (31)	3		
2024	November (30)	4		
2024	December (31)	5		
Total		34	3	11

Open Shop Drawing Log:

Submittal #	Title	Ball In Court	Submitted Date

Open RFI Log:

RFI #	Title	Ball In Court	Submitted Date

HIGHLAND SANITARY DISTRICT
SANITARY SEWER OVERFLOW REMEDIAL PROJECT
PHASE 1 - DIVISION A - CONSTRUCTION PROGRESS MEETING
SIGN-IN SHEET

July 15, 2024 - 10:00 AM CST

<u>Printed Name</u>	<u>Representing</u>	<u>Phone Number/E-Mail</u>
BRIAN DESHARWAL	CEI	317-888-1177 / bdesharwal@contactcei.com
Jason Gibson	CEI	317-540-4289 j.gibson@contactcei.com
Brian Wilson	CEI	812-773-9100 / bwilson@contactcei.com
Mark K... MARK K...	TOH	49-689-6664
JOHN DUDICEK	GRIMMER	
Brent Jeffries	Grimmer	

ID	Task Name	Baseline Duration	Start	Finish	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Actual Duration	Timeline																								
											Apr	May	June	July	August	September	October	November	December	January	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
1	HIGHLAND SSO PHASE 1 DIV A	258 days	Mon 12/18/23	Fri 12/6/24	255 days	NA	Fri 12/27/24	Mon 12/18/23	NA	41.22 days	[Gantt bar from Mon 12/18/23 to Fri 12/6/24]																								
2	Early action / planning	109 days	Mon 12/18/23	Mon 6/3/24	121 days	Wed 1/3/24	Mon 6/3/24	Mon 12/18/23	NA	74.9 days	[Gantt bar from Mon 12/18/23 to Mon 6/3/24]																								
26	MISC ONGOING ANCILLARY WORK	14 days	Mon 2/26/24	Thu 3/14/24	14 days	Mon 2/26/24	Thu 3/14/24	Mon 2/26/24	NA	2.8 days	[Gantt bar from Mon 2/26/24 to Thu 3/14/24]																								
31	Sanitary Sewer Installation	205 days	Mon 3/11/24	Mon 11/25/24	186 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	37.45 days	[Gantt bar from Mon 3/11/24 to Mon 11/25/24]																								
32	FRP / DEEP SEWER	205 days	Mon 3/11/24	Mon 11/25/24	186 days	Mon 3/18/24	Fri 12/27/24	Mon 3/11/24	NA	48.26 days	[Gantt bar from Mon 3/11/24 to Mon 11/25/24] Shane																								
33	FIELD MOBILIZATION	5 days	Mon 3/11/24	Fri 4/12/24	15 days	Mon 3/18/24	Fri 3/22/24	Mon 3/11/24	Fri 4/12/24	15 days	[Gantt bar from Mon 3/11/24 to Fri 4/12/24]																								
34	Connection to existing LS	17 days	Mon 4/15/24	Tue 4/23/24	7 days	Mon 3/25/24	Tue 4/16/24	Mon 4/15/24	Tue 4/23/24	7 days	[Gantt bar from Mon 4/15/24 to Tue 4/23/24]																								
40	30" Gravity - 294 LF	21 days	Tue 4/23/24	Wed 5/15/24	16 days	Wed 4/17/24	Wed 5/15/24	Tue 4/23/24	Wed 5/15/24	16 days	[Gantt bar from Tue 4/23/24 to Wed 5/15/24]																								
41	STR 100 - 72" DIA	4 days	Thu 5/2/24	Thu 5/2/24	1 day	Thu 5/16/24	Tue 5/21/24	Thu 5/2/24	Thu 5/2/24	1 day	[Gantt bar from Thu 5/2/24 to Thu 5/2/24]																								
42	STR 101 - 10X10 BOX	8 days	Wed 5/8/24	Mon 5/20/24	9 days	Wed 5/22/24	Fri 5/31/24	Wed 5/8/24	Mon 5/20/24	9 days	[Gantt bar from Wed 5/8/24 to Mon 5/20/24]																								
43	60" FRP - 413 LF	15 days	Thu 5/16/24	Thu 6/6/24	13 days	Mon 6/3/24	Fri 6/21/24	Thu 5/16/24	Thu 6/6/24	13 days	[Gantt bar from Thu 5/16/24 to Thu 6/6/24]																								
44	STR 102 - 120" DIA	3 days	Fri 6/7/24	Mon 6/10/24	2 days	Mon 6/24/24	Wed 6/26/24	Fri 6/7/24	Mon 6/10/24	2 days	[Gantt bar from Fri 6/7/24 to Mon 6/10/24]																								
45	60" FRP - 200 LF	30 days	Tue 6/11/24	Fri 7/12/24	24 days	Thu 6/27/24	Wed 8/7/24	Tue 6/11/24	Fri 7/12/24	24 days	[Gantt bar from Tue 6/11/24 to Fri 7/12/24]																								
46	STR 103 - 120" DIA, DROP	7 days	Wed 7/10/24	Mon 7/15/24	1 day	Thu 8/8/24	Fri 8/16/24	Wed 7/10/24	Mon 7/15/24	1 day	[Gantt bar from Wed 7/10/24 to Mon 7/15/24]																								
47	30" PVC - 30 LF (short of connection)	2 days	Tue 7/16/24	Wed 7/17/24	2 days	Mon 8/19/24	Tue 8/20/24	NA	NA	0 days	[Gantt bar from Tue 7/16/24 to Wed 7/17/24]																								
48	60" FRP - 463 LF	16 days	Thu 7/18/24	Thu 8/8/24	16 days	Wed 8/21/24	Wed 9/11/24	NA	NA	0 days	[Gantt bar from Thu 7/18/24 to Thu 8/8/24]																								
49	STR 104 - 96" DIA	2 days	Fri 8/9/24	Mon 8/12/24	2 days	Thu 9/12/24	Fri 9/13/24	NA	NA	0 days	[Gantt bar from Fri 8/9/24 to Mon 8/12/24]																								
50	60" FRP - 404 LF	14 days	Tue 8/13/24	Fri 8/30/24	14 days	Mon 9/16/24	Thu 10/3/24	NA	NA	0 days	[Gantt bar from Tue 8/13/24 to Fri 8/30/24]																								
51	STR 105 - 96" DIA	2 days	Mon 9/2/24	Tue 9/3/24	2 days	Fri 10/4/24	Mon 10/7/24	NA	NA	0 days	[Gantt bar from Mon 9/2/24 to Tue 9/3/24]																								
52	60" FRP - 354 LF	12 days	Wed 9/4/24	Thu 9/19/24	12 days	Tue 10/8/24	Wed 10/23/24	NA	NA	0 days	[Gantt bar from Wed 9/4/24 to Thu 9/19/24]																								
53	STR 106 - 120" DIA	3 days	Fri 9/20/24	Tue 9/24/24	3 days	Thu 10/24/24	Mon 10/28/24	NA	NA	0 days	[Gantt bar from Fri 9/20/24 to Tue 9/24/24]																								

ID	Task Name	Baseline Duration	Start	Finish	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Actual Duration	April		May		June		July		August		September		October		November		December		January	
											M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
54	60" FRP - 157 LF	6 days	Wed 9/25/24	Wed 10/2/24	6 days	Tue 10/29/24	Tue 11/5/24	NA	NA	0 days																				
55	STR 107 - 120" DIA	3 days	Thu 10/3/24	Mon 10/7/24	3 days	Wed 11/6/24	Fri 11/8/24	NA	NA	0 days																				
56	60" FRP - 55 LF	3 days	Tue 10/8/24	Thu 10/10/24	3 days	Mon 11/11/24	Wed 11/13/24	NA	NA	0 days																				
57	STR 108 - 120" DIA	3 days	Fri 10/11/24	Tue 10/15/24	3 days	Thu 11/14/24	Mon 11/18/24	NA	NA	0 days																				
58	42" FRP - 501 LF	12 days	Wed 10/16/24	Thu 10/31/24	12 days	Tue 11/19/24	Wed 12/4/24	NA	NA	0 days																				
59	STR 109 - 96" DIA, DROP	3 days	Fri 11/1/24	Tue 11/5/24	3 days	Thu 12/5/24	Mon 12/9/24	NA	NA	0 days																				
60	By-pass A and A-1	9 days	Wed 11/6/24	Mon 11/18/24	9 days	Tue 12/10/24	Fri 12/20/24	NA	NA	0 days																				
61	STR 121 - 72" DIA, DROP	7 days	Wed 11/6/24	Thu 11/14/24	7 days	Tue 12/10/24	Wed 12/18/24	NA	NA	0 days																				
62	30" PVC - 25 LF	2 days	Fri 11/15/24	Mon 11/18/24	2 days	Thu 12/19/24	Fri 12/20/24	NA	NA	0 days																				
63	Abandon Old Sewer	5 days	Tue 11/19/24	Mon 11/25/24	5 days	Mon 12/23/24	Fri 12/27/24	NA	NA	0 days																				
64	Backfill deep sewer (hammock task)	178 days	Tue 4/23/24	Mon 11/18/24	150 days	Wed 4/17/24	Fri 12/20/24	NA	NA	0 days																				
65	WATER RELOCATIONS	17 days	Mon 7/22/24	Tue 8/13/24	17 days	Mon 7/1/24	Tue 7/23/24	Mon 7/22/24	NA	0 days																				
66	WATER TIE-INS	13 days	Wed 11/6/24	Fri 11/22/24	13 days	Tue 12/10/24	Thu 12/26/24	NA	NA	0 days																				
67	PVC / SHALLOW SEWER	34 days	Wed 8/14/24	Mon 9/30/24	34 days	Wed 7/24/24	Mon 9/9/24	NA	NA	0 days																				
93	Road Restore	53 days	Fri 9/6/24	Wed 11/20/24	53 days	Fri 8/16/24	Wed 10/30/24	NA	NA	0 days																				
94	Concrete	35 days	Fri 9/6/24	Fri 10/25/24	35 days	Fri 8/16/24	Fri 10/4/24	NA	NA	0 days																				
97	Asphalt	18 days	Fri 10/25/24	Wed 11/20/24	18 days	Fri 10/4/24	Wed 10/30/24	NA	NA	0 days																				
100	Other Restoration	62 days	Thu 7/18/24	Fri 11/29/24	96.5 days	Wed 8/21/24	Thu 11/14/24	NA	NA	0 days																				
112	Demobilization	5 days	Mon 12/2/24	Fri 12/6/24	5 days	Mon 12/2/24	Fri 12/6/24	NA	NA	0 days																				

EXHIBIT B

SEMI ANNUAL OVERFLOW LOG JANUARY-JUNE 2024

1. SSO Reporting Table (Per Consent Decree Appendix C)

Town of Highland, Indiana
Summary of Sanitary Sewer Overflows and Property Backups
January 1, 2024 – June 30, 2024

Event Number and Type	Date and Time Release Began/Ended	Drainage Basin Location	Location of Release	Description of Area Impacted	Reason for SSO	Amount of Flow Released	Rainfall Information and Classification	Name of Receiving Waters Impacted	Did Highland Follow its Overflow Emergency Response Plan?	Actions Taken to Prevent, Minimize or Mitigate Damage, Including Clean-up and Treatment of Affected Area	Actions Taken or Planned to Prevent Recurrence	Did Highland Exceed its Contractual Peak Flow Rate?	Comments
#1 – SSO	03-08-2024 7:35 PM to 03-09-2024 1:55 AM	5 th Street Basin	MH 1230 on 5th St Interceptor (near 8220 5th St)	Reached Receiving Water (At 1 Constructed Overflow out of 5 th St San Sewer into 5 th St Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	310,012 gal	5-day, 6.0 mo. (2.63 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 5:20 PM on 03/08/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 8.48 feet at 9:08 AM on 03/09/2024. The basin valves were opened at 5:00 PM on 03/09/2024 and the basin was empty by 4:08 AM on 03/10/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#2 – SSO	03-08-2024 7:50 PM to 03-08-2024 11:25 PM	5 th Street Basin	MH 1039, Duluth Street and Grace Place (near 8125 Duluth St)	Reached Receiving Water (Bypass Pumping to Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	47,250 gal	5-day, 6.0 mo. (2.63 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 5:20 PM on 03/08/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 8.48 feet at 9:08 AM on 03/09/2024. The basin valves were opened at 5:00 PM on 03/09/2024 and the basin was empty by 4:08 AM on 03/10/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#3 – SSO	04-01-2024 2:15 AM to 04-01-2024 2:30 PM	5 th Street Basin	MH 1230 on 5th St Interceptor (near 8220 5th St)	Reached Receiving Water (At 1 Constructed Overflow out of 5 th St San Sewer into 5 th St Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	1,418,361 gal	72-hr, 9.0 mo. (2.71 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 1:25 AM on 04/01/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 9.63 feet at 10:51 AM on 04/01/2024. The basin valves were opened at 9:30 AM on 04/02/2024 and the basin was empty by 12:57 AM on 04/03/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#4 – SSO	04-01-2024 6:50 AM to 04-01-2024 7:50 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place (near 8125 Duluth St)	Reached Receiving Water (Bypass Pumping to Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	21,000 gal	72-hr, 9.0 mo. (2.71 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 1:25 AM on 04/01/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 9.63 feet at 10:51 AM on 04/01/2024. The basin valves were opened at 9:30 AM on 04/02/2024 and the basin was empty by 12:57 AM on 04/03/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	

Event Number and Type	Date and Time Release Began/Ended	Drainage Basin Location	Location of Release	Description of Area Impacted	Reason for SSO	Amount of Flow Released	Rainfall Information and Classification	Name of Receiving Waters Impacted	Did Highland Follow its Overflow Emergency Response Plan?	Actions Taken to Prevent, Minimize or Mitigate Damage, Including Clean-up and Treatment of Affected Area	Actions Taken or Planned to Prevent Recurrence	Did Highland Exceed its Contractual Peak Flow Rate?	Comments
#5 – SSO	06-05-2024 3:20 AM to 06-05-2024 6:00 PM	5 th Street Basin	MH 1230 on 5th St Interceptor (near 8220 5th St)	Reached Receiving Water (At 1 Constructed Overflow out of 5 th St San Sewer into 5 th St Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	2,342,363 gal	1-hr, 25.0 Yr. (2.45 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 3:10 AM on 06/05/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 6.55 feet at 7:09 AM on 06/05/2024. The basin valves were opened at 1:30 PM on 06/05/2024 and the basin was empty by 8:20 PM on 06/05/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#6 – SSO	06-05-2024 3:45 AM to 06-05-2024 11:25 AM	5 th Street Basin	MH 1345 on 5th St Interceptor (near 8505 5th St)	Reached Receiving Water (At 1 Constructed Overflow out of 5 th St San Sewer into 5 th St Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	469,405 gal	1-hr, 25.0 Yr. (2.45 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 3:10 AM on 06/05/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 6.55 feet at 7:09 AM on 06/05/2024. The basin valves were opened at 1:30 PM on 06/05/2024 and the basin was empty by 8:20 PM on 06/05/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#7 – SSO	06-05-2024 4:07 AM to 06-05-2024 6:07 AM	5 th Street Basin	MH 1001 on 5th St Interceptor (near N 5th St Pump Station)	Reached Receiving Water (Bypass Pumping to Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	358,960 gal	1-hr, 25.0 Yr. (2.45 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 3:10 AM on 06/05/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 6.55 feet at 7:09 AM on 06/05/2024. The basin valves were opened at 1:30 PM on 06/05/2024 and the basin was empty by 8:20 PM on 06/05/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#8 – SSO	06-05-2024 4:10 AM to 06-05-2024 10:21 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place (near 8125 Duluth St)	Reached Receiving Water (Bypass Pumping to Storm Sewer)	Rainfall, Excessive I/I, Under Capacity Sewer	79,450 gal	1-hr, 25.0 Yr. (2.45 inches Rainfall)	Little Calumet River	Yes	Closed valves on LaPorte Street Underground Storage Tank at 3:10 AM on 06/05/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 6.55 feet at 7:09 AM on 06/05/2024. The basin valves were opened at 1:30 PM on 06/05/2024 and the basin was empty by 8:20 PM on 06/05/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	
#9 – Property Backup	06-05-2024 4:00 AM to 06-05-2024 6:30 AM	5 th Street Basin	9232 O'Day Drive	Basement Backup	Rainfall, Excessive I/I, Under Capacity Sewer	75 gal	1-hr, 25.0 Yr. (2.45 inches Rainfall)	None	Yes	Closed valves on LaPorte Street Underground Storage Tank at 3:10 AM on 06/05/2024 to hold back flow from L&J Sanitary Lift Station to minimize volume of overflows. The tank filled to a peak level of 6.55 feet at 7:09 AM on 06/05/2024. The basin valves were opened at 1:30 PM on 06/05/2024 and the basin was empty by 8:20 PM on 06/05/2024.	Highland Sanitary District is implementing its SSO Remedial Action Plan as part of its Consent Decree with IDEM, EPA and DOJ.	No	Sewage backup into basement. Sewage drained back to sanitary system once surcharge level in sanitary sewer system was returned to normal.