



Submittal Review Response

Project Name: Hilo WWTP Rehabilitation and Replacement Project Phase 1
Submittal No.: 01321-002.0
Date: 5/22/2025

Client: County of Hawai'i Carollo Project No.: 203975
Contractor: Nan, Inc.
Submittal Name: Preliminary Schedule
Reviewed By: Gavin Goo

SUBMITTAL REVIEW

Review is for general compliance with contract documents. No responsibility is assumed by Carollo for correctness of quantities, dimensions, and details. No deviation or variation is approved unless specifically addressed in these review comments. Refer to Section 01330 for additional requirements. The Contractor shall assume full responsibility for coordination with all other trades and deviations from contract requirements.

Approved	<input type="checkbox"/>	No Exceptions
	<input type="checkbox"/>	Make Corrections Noted - See Comments
	<input type="checkbox"/>	Make Corrections Noted - Confirm
Not Approved	<input checked="" type="checkbox"/>	Correct and Resubmit
	<input type="checkbox"/>	Rejected - See Remarks
Receipt Acknowledged	<input type="checkbox"/>	Filed for Record
	<input type="checkbox"/>	With Comments - Resubmit

Review Comments:

1. Schedule does not meet specification requirements as listed in Sections 1.10 and 1.11, including but not limited to activity durations and cost, resource and cost loading, subcontractor sign off, commissioning activities, and major equipment submittals.
2. Ensure the schedule identifies the activities listed in Section 1.11.I
3. Submit cost breakdown separately. Prepare Detailed Breakdown of Project Costs as specified in Specification 01292

CONTRACTOR SUBMITTAL TRANSMITTAL FORM

Owner:	County of Hawaii	Date:	5/7/2025
Contractor:	Nan, Inc.	Project No.:	WW-4705R
Project Name:	Hilo WWTP Phase 1	Submittal Number:	01321-002.0
Submittal Title:	Preliminary schedule		
To:	County		
From:	Nan Inc.		

Specification No. and Subject of Submittal / Equipment Supplier			
Spec ##:	01321	Subject:	Preliminary schedule
Authorized By:	Marshall Rucknagel	Date Submitted:	5/7/2025

Submittal Certification	
Check Either (A) or (B):	
<input checked="" type="checkbox"/> (A)	We have verified that the equipment or material contained in this submittal meets all the requirements specified in the project manual or shown on the contract drawings with no exceptions.
<input type="checkbox"/> (B)	We have verified that the equipment or material contained in this submittal meets all the requirements specified in the project manual or shown on the contract drawings except for the deviations listed.
Certification Statement: By this submittal, I hereby represent that I have determined and verified all field measurements, field construction criteria, materials, dimensions, catalog numbers and similar data, and I have checked and coordinated each item with other applicable approved shop drawings and all Contract requirements.	
General Contractor's Reviewer's Signature: 	
Printed Name and Title: Marshall Rucknagel - Project Engineer	
In the event, Contractor believes the Submittal response does or will cause a change to the requirements of the Contract, Contractor shall immediately give written notice stating that Contractor considers the response to be a Change Order.	
Firm:	Signature: Date Returned:

PM/CM Office Use
Date Received GC to PM/CM:
Date Received PM/CM to Reviewer:
Date Received Reviewer to PM/CM:
Date Sent PM/CM to GC:

Nan, Inc

PROJECT: HILO WWTP REHABILITATION
AND REPLACEMENT PROJECT - PHASE 1

JOB NO. WW-4705R

THIS SUBMITTAL HAS BEEN CHECKED BY THIS CONTRACTOR. IT IS CERTIFIED CORRECT, COMPLETE, AND IN COMPLIANCE WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ALL AFFECTED CONTRACTORS AND SUPPLIERS ARE AWARE OF, AND WILL INTEGRATE THIS SUBMITTAL (UPON APPROVAL) INTO THEIR OWN WORK.

DATE RECEIVED _____
SPECIFICATION SECTION # _____ 01321 _____
SPECIFICATION _____ 1.02 _____
PARAGRAPH _____ A, B, G _____
DRAWING _____ N/A _____
SUBCONTRACTOR _____
SUPPLIER _____
MANUFACTURER _____

CERTIFIED BY: _____ Nan, Inc. _____

SECTION 01321
SCHEDULES AND REPORTS

PART 1 GENERAL

1.01 SUMMARY

- A. Section includes: Schedules and reports.

1.02 SUBMITTAL REQUIREMENTS

- ✓ A. Submit preliminary ~~and baseline~~ schedule.
- ✓ B. Submit preliminary ~~and baseline~~ Detailed Breakdown of Project Costs.
- C. Submit preliminary and baseline schedule of submittals.
- D. Submit, on a monthly basis, updated schedules as specified.
- E. Submit final schedule update as specified.
- F. Submit revised schedules and time impact analyses as specified.
- ✓ G. Submit schedules in the media and number of copies as follows:
 - 1. Provide each submittal in PDF format and in other formats specified in this Section.
 - 2. 3 sets of the CPM network and/or bar chart (as specified by the Owner) on D-size sheets.
 - a. Color-coding to be specified by the Owner.
 - 3. 3 sets of tabular reports listing all activities sorted numerically identifying duration, early start, late start, early finish, late finish, total float, and all predecessor/successor information.
 - 4. 2 sets of CPM Schedule data electronic files in a native backed-up file (.xer).

1.03 SCHEDULER

- A. Designate, in writing and within 5 calendar days after Notice of Award, the person responsible for preparation, maintenance, updating, and revision of all schedules.
- B. Qualifications of scheduler:
- 1. Authority to act on behalf of Contractor.
 - 2. A minimum of 8 years verifiable experience in preparation of construction schedules for projects of similar value, size, and complexity.
 - 3. Knowledge of critical path method (CPM) scheduling utilizing Primavera P6 Professional software.

1.13 PRELIMINARY SCHEDULE AND PRELIMINARY DETAILED BREAKDOWN OF PROJECT COSTS

A. Due date:

- ✓ 1. Submit proposed preliminary schedule and Preliminary Detailed Breakdown of Project Costs within 14 calendar days after Notice to Proceed.
- 2. Meet with Engineer within 7 calendar days after receipt of Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs to review and make necessary adjustments.
- 3. Submit revised preliminary schedule and Preliminary Detailed Breakdown of Project Costs within 5 calendar days after meeting.
- 4. Update Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs monthly during first 90 calendar days after Notice to Proceed.
 - a. Use Preliminary Schedule and Preliminary Detailed Breakdown of Project Costs as the payment application as specified in Section 01294 - Applications for Payment.

B. Format:

- 1. Schedule of manpower and costs for all activities for first 90 calendar days of Work after receipt of Notice to Proceed.
 - a. Provide realistic and level manpower and costs so as not to have unusual manpower requirements.
- 2. Schedule of costs:
 - a. Detailed Breakdown of Project Costs as specified in Section 01292 - Detailed Breakdown of Project Costs for first 90 calendar days of Work.
 - b. Submittal and acceptance of Preliminary Schedule is condition precedent to making of progress payments as specified in Section 01294 - Applications for Payment and payments for mobilization costs otherwise provided for in the Contract.
 - c. Proceed with pay item Work after Preliminary Schedule and schedule of costs have been accepted by Owner.

C. Incorporate unchanged, the accepted Preliminary Schedule as first 90 calendar days of activity in Contractor's Baseline Schedule.

1.14 SCHEDULE OF SUBMITTALS

A. Schedule of Submittals shall include submittals required in the Contract Documents but not limited to test plans, training plans, test procedures, operation and maintenance manuals, shop drawings, samples, record documents, and specifically required certificates, warranties, and service agreements.

- 1. Data for "Or Equals" or substitutions shall be submitted with the Schedule of Submittals.

B. Preliminary Schedule of Submittals:

- 1. Due date: After Preliminary Schedule has been submitted and accepted by Owner.
- 2. Format:
 - a. Include submittals anticipated in the first 90 calendar days after award of contract using early start dates.
 - b. Indicate week and month anticipated for submittal to Engineer.

Hilo WWTP Rehabilitation and Replacement Project Phase 1				Time Scaled Network Diagram					Schedule: Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25											
Job No. WW-4705R									Schedule ID: Hilo WWTP - N0PA											
Waiakea, Hilo, Hawaii				Data Date: 24-Feb-25																
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	Budgeted Total Cost	2025	2026	2027	2028	2029	2030	2031	2032					
Hilo WWWTP Phase 1 - Prelim. N0PA DD.24-Feb-25		1347	1347	24-Feb-25	30-Jul-30	0	\$337,005,043.00													
Milestones		1983	1983	24-Feb-25	30-Jul-30	0	\$0.00													
00-100000	Contract Award/Notice to Proceed	0	0	24-Feb-25		0	\$0.00	◆												
00-101300	Milestone 1 - Headworks Emergency System and Mods to Primary Influent Channel (not tied in)	0	0		24-Feb-25	1983	\$0.00	◆												
00-101400	Milestone 3 - Complete Electrical Work (not tied in)	0	0		24-Feb-25	1983	\$0.00	◆												
00-101210	Owner Preparation of Notice to Proceed (Fieldwork)	150	150	24-Feb-25	23-Jul-25	0	\$0.00													
00-101200	Notice to Proceed (Fieldwork) - date TBD, expected at constraint	0	0	24-Jul-25		0	\$0.00													
00-101500	Milestone 4 (Additive Alt. 1 Not Included) - Project Substantial Completion	0	0		25-Jan-30	2	\$0.00													
00-101600	Projected Completion Date	0	0		29-Jul-30	1	\$0.00													
00-101800	Project Float (LOE)	1	1	30-Jul-30	30-Jul-30	0	\$0.00													
00-101700	Contract Completion Date (Field NTP (July 31, 2025) + 1825 Calendar Days = July 30, 2030)	0	0		30-Jul-30*	0	\$0.00													
Administration/Pre-Construction		95	95	24-Feb-25	13-Jul-25	37	\$6,724,779.27													
Preconstruction / Permits		95	95	24-Feb-25	13-Jul-25	37	\$6,724,779.27													
Precon Group 1		121	121	24-Feb-25	24-Jun-25	29	\$0.00													
Personnel		60	60	24-Feb-25	24-Apr-25	90	\$0.00													
Prep & Submit		30	30	24-Feb-25	25-Mar-25	90	\$0.00													
00-107300	Prep & Submit - Designated Licensed Engineer QC Specialist (60 after NTP, 60 before mobilization) (02256)	15	15	24-Feb-25	10-Mar-25	60	\$0.00	■												
00-107400	Prep & Submit - Designated Satefy Officer (Rodney) (01000)	30	30	24-Feb-25	25-Mar-25	90	\$0.00	■												
00-107500	Prep & Submit - Designated Startup Coordinator (TSC) Qualifications (01756)	30	30	24-Feb-25	25-Mar-25	60	\$0.00	■												
00-107600	Prep & Submit - Designated Training Coordinator (01756)	30	30	24-Feb-25	25-Mar-25	90	\$0.00	■												
00-107700	Prep & Submit - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-107800	Prep & Submit - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-107900	Prep & Submit - Designated Structural Engineer for Project Signs (01500)	30	30	24-Feb-25	25-Mar-25	56	\$0.00	■												
00-108000	Prep & Submit - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-108100	Prep & Submit - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-108200	Prep & Submit - Designated Civil Engineer for Dewatering Plan (02240)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-108300	Prep & Submit - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
00-108400	Prep & Submit - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30	30	24-Feb-25	25-Mar-25	30	\$0.00	■												
Review & Approve		45	45	11-Mar-25	24-Apr-25	90	\$0.00													
00-108500	Review & Approve - Designated Licensed Engineer QC Specialist (02256)	30	30	11-Mar-25	09-Apr-25	60	\$0.00	■												
00-108700	Review & Approve - Designated Startup Coordinator (TSC) Qualifications (01756)	30	30	26-Mar-25	24-Apr-25	60	\$0.00	■												
00-108800	Review & Approve - Designated Training Coordinator (01756)	30	30	26-Mar-25	24-Apr-25	90	\$0.00	■												
00-108900	Review & Approve - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109000	Review & Approve - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109100	Review & Approve - Designated Structural Engineer for Project Signs (01500)	30	30	26-Mar-25	24-Apr-25	56	\$0.00	■												
00-109200	Review & Approve - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109300	Review & Approve - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109400	Review & Approve - Designated Civil Engineer for Dewatering Plan (02240)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109500	Review & Approve - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-109600	Review & Approve - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30	30	26-Mar-25	24-Apr-25	30	\$0.00	■												
00-108600	Review & Approve - Designated Satefy Officer (Rodney) (01000)	30	30	26-Mar-25	24-Apr-25	90	\$0.00	■												
Meetings 01312		121	121	24-Feb-25	24-Jun-25	29	\$0.00													
00-109700	Pre-Construction Conference	30	30	24-Feb-25	25-Mar-25	120	\$0.00	■												
00-109800	Document Management Software Training	30	30	24-Feb-25	25-Mar-25	120	\$0.00	■												
00-110000	Pre-Submittal Conference	30	30	24-Feb-25	25-Mar-25	120	\$0.00	■												
00-109910	Schedule Pre-Construction Safety Conference	120	120	24-Feb-25	23-Jun-25	29	\$0.00	■												
00-109900	Pre-Construction Safety Conference (at mobilization)	1	1	24-Jun-25	24-Jun-25	29	\$0.00	■												
Schedules and Reports 01321		104	104	24-Feb-25	07-Jun-25	46	\$0.00													
00-110900	Prep & Submit - Designated Scheduler (5 days after NTP)	5	5	24-Feb-25	28-Feb-25	46	\$0.00	■												
00-111000	Prep & Submit - Preliminary Schedule and Detailed Breakdown of Project Costs (14 days after NTP)	9	9	01-Mar-25	09-Mar-25	76	\$0.00	■												
00-111100	Pre-Construction Scheduling Meeting (14 days after NTP)	9	9	01-Mar-25	09-Mar-25	46	\$0.00	■												
Actual Work		Critical Remaining Work		◆		◆ Milestone														
Remaining Work		Remaining Level of Effort		Page 1 of 4																
Nan, Inc.																				

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-100000	Contract Award/Notice to Proceed	0	24-Feb-25		24-Feb-25		0		00-102000: SS, 00-101900: SS, 00-102300: SS, 00-110500: SS, 00-110600: SS, 00-110900: SS, 00-111600: SS, 00-111000: SS, 00-111800: SS, 00-111900: SS, 00-102400: SS, 00-102500: SS, 00-112000: SS, 00-112400: SS, 00-102600: SS, 00-102700: SS, 00-107300: SS, 00-113200: SS, 00-113300: SS, 00-104000: SS, 00-104100: SS, 00-104200: SS, 00-104300: SS, 00-104400: SS, 00-104500: SS, 00-104600: SS, 00-104700: SS, 00-107400: SS, 00-104800: SS, 00-104900: SS, 00-105000: SS, 00-105100: SS, 00-107500: SS, 00-102800: SS, 00-107600: SS, 00-107700: SS, 00-107800: SS, 00-107900: SS, 00-108000: SS, 00-108100: SS, 00-108200: SS, 00-108300: SS, 00-102900: SS, 00-102200: SS, 00-109700: SS, 00-109800: SS, 00-108400: SS, 00-110000: SS, 00-109910: SS, 00-101910: SS, 00-110210: SS, 00-105210: SS, 00-233500: SS, 00-101210: SS
00-101200	Notice to Proceed (Fieldwork) - date TBD, expected at constraint	0	24-Jul-25		24-Jul-25		0	00-102000: FS, 00-101900: FS, 00-102100: FS, 00-103900: FS, 00-106300: FS, 00-106400: FS, 00-106500: FS, 00-106600: FS, 00-105500: FS, 00-105600: FS, 00-105700: FS, 00-105800: FS, 00-105900: FS, 00-106000: FS, 00-106100: FS, 00-106200: FS, 00-106700: FS, 00-106900: FS, 00-108800: FS, 00-108600: FS, 00-109700: FS, 00-109800: FS, 00-109900: FS, 00-110000: FS, 00-110400: FS, 00-110200: FS, 00-110700: FS, 00-110800: FS, 00-111400: FS, 00-111500: FS, 00-111600: FS, 00-111700: FS, 00-111900: FS, 00-111800: FS, 00-112300: FS, 00-112700: FS, 00-113000: FS, 00-113100: FS, 00-113700: FS, 00-113800: FS, 00-113900: FS, 00-114000: FS, 00-114100: FS, 00-103800: FS, 00-103100: FS, 00-103300: FS, 00-103400: FS, 00-103500: FS, 00-103600: FS, 00-107100: FS, 00-101210: FS, 00-102800: FS	00-233700: SS
00-101210	Owner Preparation of Notice to Proceed (Fieldwork)	150	24-Feb-25	23-Jul-25	24-Feb-25	23-Jul-25	0	00-100000: SS	00-101200: FS
00-101300	Milestone 1 - Headworks Emergency System and Mods to Primary Influent Channel (not tied in)	0		24-Feb-25		30-Jul-30	1983		00-101600: FS
00-101400	Milestone 3 - Complete Electrical Work (not tied in)	0		24-Feb-25		30-Jul-30	1983		00-101600: FS
00-101500	Milestone 4 (Additive Alt. 1 Not Included) - Project Substantial Completion	0		25-Jan-30		27-Jan-30	2	00-232800: FF	00-232700: FS
00-101600	Projected Completion Date	0		29-Jul-30		30-Jul-30	1	00-233400: FS, 00-101300: FS, 00-101400: FS	00-101700: FF, 00-101800: FS
00-101700	Contract Completion Date (Field NTP (July 31, 2025) + 1825 Calendar Days = July 30, 2030)	0		30-Jul-30		30-Jul-30	0	00-101600: FF, 00-101800: FF	
00-101800	Project Float (LOE)	1	30-Jul-30	30-Jul-30	30-Jul-30	30-Jul-30	0	00-101600: FS	00-101700: FF
00-101900	Obtain and Submit - Performance and Payment Bonds for Contract Work	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100	00-100000: SS, 00-101910: FS	00-101200: FS
00-101910	HOLD on Precon Group 2	20	24-Feb-25	15-Mar-25	18-Apr-25	07-May-25	53	00-100000: SS	00-101900: FS, 00-102000: FS, 00-102300: FS, 00-103000: FS, 00-102400: FS, 00-102500: FS, 00-102600: FS, 00-102700: FS, 00-102800: FS, 00-102900: FS, 00-103100: FS, 00-103900: FS, 00-103800: FS, 00-103200: FS, 00-103300: FS, 00-103400: FS, 00-103500: FS, 00-103600: FS
00-102000	Obtain and Submit - Certificate of Insurance	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100	00-100000: SS, 00-101910: FS	00-101200: FS
00-102100	Erect Structural Engineer Project ID Sign (30 days after NTP) (01500) - NO HOLD - may not need engineer, confirm	21	25-Apr-25	23-May-25	20-Jun-25	23-Jul-25	38	00-109100: FS	00-101200: FS
00-102200	Prep & Submit - Sample of Change Order Cost Basis Summary Form (15 days after NTP) (01260) - NO HOLD	15	24-Feb-25	10-Mar-25	09-Jun-25	23-Jun-25	105	00-100000: SS	00-103100: FS
00-102300	Prep & Submit - Site Safety and Health Plan	30	16-Mar-25	14-Apr-25	08-May-25	06-Jun-25	53	00-100000: SS, 00-101910: FS	00-103200: FS
00-102400	Prep & Submit - Moisture Vapor and Alkalinity Testing Agency Qualifications (01452)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70	00-100000: SS, 00-101910: FS	00-103300: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-102500	Prep & Submit - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70	00-100000: SS, 00-101910: FS	00-103400: FS
00-102600	Prep & Submit - Traffic Control Plan (01734)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70	00-100000: SS, 00-101910: FS	00-103500: FS
00-102700	Prep & Submit - Disinfection Plan With Reports and Permits (01757)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70	00-100000: SS, 00-101910: FS	00-103600: FS
00-102800	Obtain and Submit - Builder's Risk Insurance (01000)	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100	00-100000: SS, 00-101910: FS	00-101200: FS
00-102900	Prep & Submit - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	16-Mar-25	14-Apr-25	25-May-25	23-Jun-25	70	00-100000: SS, 00-101910: FS	00-103800: FS
00-103000	Prep & Submit - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109000: FS, 00-101910: FS	00-103900: FS
00-103100	Review & Approve - Sample of Change Order Cost Basis Summary Form (01260)	30	16-Mar-25	14-Apr-25	24-Jun-25	23-Jul-25	100	00-102200: FS, 00-101910: FS	00-101200: FS
00-103200	Review & Approve - Site Safety and Health Plan	30	15-Apr-25	14-May-25	07-Jun-25	06-Jul-25	53	00-102300: FS, 00-101910: FS	00-105300: FS
00-103300	Review & Approve - Moisture Vapor and Alkalinity Testing Agency Qualifications (01452)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70	00-102400: FS, 00-101910: FS	00-101200: FS
00-103400	Review & Approve - Special Certifications for Designated Seismic Systems and Wind Load (01455)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70	00-102500: FS, 00-101910: FS	00-101200: FS
00-103500	Review & Approve - Traffic Control Plan (01734)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70	00-102600: FS, 00-101910: FS	00-101200: FS
00-103600	Review & Approve - Disinfection Plan With Reports and Permits (01757)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70	00-102700: FS, 00-101910: FS	00-101200: FS
00-103800	Review & Approve - Layout/Traffic/Laydown Plan for Mobilization (01000)	30	15-Apr-25	14-May-25	24-Jun-25	23-Jul-25	70	00-102900: FS, 00-101910: FS	00-101200: FS
00-103900	Review & Approve - Certified Industrial Hygenist Hazmat Removal Work Plan (01354)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-103000: FS, 00-101910: FS	00-101200: FS
00-104000	Prep & Submit - Grading Permit - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-105500: FS
00-104100	Prep & Submit - Plan Approval - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-105600: FS
00-104200	Prep & Submit - Permit to Construct or Modify a Wastewater Treatment Facility - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-105700: FS
00-104300	Prep & Submit - Air Pollution Control Permit (For Permanent Facilities Only) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-105800: FS
00-104400	Prep & Submit - Disability and Communication Access Board (DCAB) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-105900: FS
00-104500	Prep & Submit - Form 7460-1, Notice of Proposed Construction of Alteration (Permanent Facilities Only) - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106000: FS
00-104600	Prep & Submit - Endangered Species Act, Section 7 - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106100: FS
00-104700	Prep & Submit - Hawaii State Historic Preservation Division - County	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106200: FS
00-104800	Prep & Submit - Air Quality Permit for Temporary Equipment	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106300: FS
00-104900	Prep & Submit - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106400: FS
00-105000	Prep & Submit - OSHA and Local Excavation Permits	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106500: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-105100	Prep & Submit - Department of Transportation Permits	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-100000: SS, 00-105210: FS	00-106600: FS
00-105200	Prep & Submit - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109600: FS, 00-105210: FS	00-106700: FS
00-105210	HOLD on Precon Group 4	60	24-Feb-25	24-Apr-25	26-Mar-25	24-May-25	30	00-100000: SS	00-104000: FS, 00-104100: FS, 00-104200: FS, 00-104300: FS, 00-104400: FS, 00-104500: FS, 00-104600: FS, 00-104700: FS, 00-104800: FS, 00-104900: FS, 00-105000: FS, 00-105100: FS, 00-105200: FS, 00-105400: FS, 00-105300: FS, 00-106300: FS, 00-106400: FS, 00-106500: FS, 00-106600: FS, 00-105500: FS, 00-105600: FS, 00-105700: FS, 00-105800: FS, 00-105900: FS, 00-106000: FS, 00-106100: FS, 00-106200: FS, 00-106700: FS, 00-106900: FS, 00-106800: FS, 00-107000: FS
00-105300	Prep & Submit - Various Permits from Department of Health	30	15-May-25	13-Jun-25	07-Jul-25	05-Aug-25	53	00-103200: FS, 00-105210: FS	00-106800: FS
00-105400	Prep & Submit - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109200: FS, 00-105210: FS	00-106900: FS
00-105500	Review & Approve - Grading Permit - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104000: FS, 00-105210: FS	00-101200: FS
00-105600	Review & Approve - Plan Approval - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104100: FS, 00-105210: FS	00-101200: FS
00-105700	Review & Approve - Permit to Construct or Modify a Wastewater Treatment Facility - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104200: FS, 00-105210: FS	00-101200: FS
00-105800	Review & Approve - Air Pollution Control Permit (For Permanent Facilities Only) - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104300: FS, 00-105210: FS	00-101200: FS
00-105900	Review & Approve - Disability and Communication Access Board (DCAB) - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104400: FS, 00-105210: FS	00-101200: FS
00-106000	Review & Approve - Form 7460-1, Notice of Proposed Construction of Alteration (Permanent Facilities Only) - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104500: FS, 00-105210: FS	00-101200: FS
00-106100	Review & Approve - Endangered Species Act, Section 7 - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104600: FS, 00-105210: FS	00-101200: FS
00-106200	Review & Approve - Hawaii State Historic Preservation Division - County	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104700: FS, 00-105210: FS	00-101200: FS
00-106300	Review & Approve - Air Quality Permit for Temporary Equipment	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104800: FS, 00-105210: FS	00-101200: FS
00-106400	Review & Approve - Determination of No Hazard to Air Navigation For Any Tall Construction Equipment (i.e. cranes)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-104900: FS, 00-105210: FS	00-101200: FS
00-106500	Review & Approve - OSHA and Local Excavation Permits	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-105000: FS, 00-105210: FS	00-101200: FS
00-106600	Review & Approve - Department of Transportation Permits	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-105100: FS, 00-105210: FS	00-101200: FS
00-106700	Review & Approve - Consultant's Stormwater Pollution Prevention Plan (SWPPP) and NPDES Permits, Forms C, F (01573)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-105200: FS, 00-105210: FS	00-101200: FS
00-106800	Review & Approve - Various Permits from Department of Health	30	14-Jun-25	13-Jul-25	06-Aug-25	04-Sep-25	53	00-105300: FS, 00-105210: FS	00-233600: FS
00-106900	Review & Approve - Licensed Engineer Solid Waste Management Plan, Demolition Diversion Report (01738)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-105400: FS, 00-105210: FS	00-101200: FS
00-107000	Prep & Submit - Various Building Permits (including pertinent plumbing and electrical)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-105210: FS	00-107100: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-107100	Reivew & Approve - Various Building Permits (including pertinent plumbing and electrical)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-107000: FS	00-101200: FS
00-107300	Prep & Submit - Designated Licensed Engineer QC Specialist (60 after NTP, 60 before mobilization) (02256)	15	24-Feb-25	10-Mar-25	25-Apr-25	09-May-25	60	00-100000: SS	00-108500: FS
00-107400	Prep & Submit - Designated Satefy Officer (Rodney) (01000)	30	24-Feb-25	25-Mar-25	25-May-25	23-Jun-25	90	00-100000: SS	00-108600: FS
00-107500	Prep & Submit - Designated Startup Coordinator (TSC) Qualifications (01756)	30	24-Feb-25	25-Mar-25	25-Apr-25	24-May-25	60	00-100000: SS	00-108700: FS
00-107600	Prep & Submit - Designated Training Coordinator (01756)	30	24-Feb-25	25-Mar-25	25-May-25	23-Jun-25	90	00-100000: SS	00-108800: FS
00-107700	Prep & Submit - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-108900: FS
00-107800	Prep & Submit - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109000: FS
00-107900	Prep & Submit - Designated Structural Engineer for Project Signs (01500)	30	24-Feb-25	25-Mar-25	21-Apr-25	20-May-25	56	00-100000: SS	00-109100: FS
00-108000	Prep & Submit - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109200: FS
00-108100	Prep & Submit - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109300: FS
00-108200	Prep & Submit - Designated Civil Engineer for Dewatering Plan (02240)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109400: FS
00-108300	Prep & Submit - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109500: FS
00-108400	Prep & Submit - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-109600: FS
00-108500	Review & Approve - Designated Licensed Engineer QC Specialist (02256)	30	11-Mar-25	09-Apr-25	10-May-25	08-Jun-25	60	00-107300: FS	00-112800: FS, 00-112900: FS
00-108600	Review & Approve - Designated Satefy Officer (Rodney) (01000)	30	26-Mar-25	24-Apr-25	24-Jun-25	23-Jul-25	90	00-107400: FS	00-101200: FS
00-108700	Review & Approve - Designated Startup Coordinator (TSC) Qualifications (01756)	30	26-Mar-25	24-Apr-25	25-May-25	23-Jun-25	60	00-107500: FS	00-111600: FS
00-108800	Review & Approve - Designated Training Coordinator (01756)	30	26-Mar-25	24-Apr-25	24-Jun-25	23-Jul-25	90	00-107600: FS	00-101200: FS
00-108900	Review & Approve - Designated Structural Engineer for Temporary Bypass Pipe and Pipe Supports (01140)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-107700: FS	00-110300: FS
00-109000	Review & Approve - Designated Certified Industrial Hygenist for Hazmat Removal Work Plan (01354)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-107800: FS	00-103000: FS
00-109100	Review & Approve - Designated Structural Engineer for Project Signs (01500)	30	26-Mar-25	24-Apr-25	21-May-25	19-Jun-25	56	00-107900: FS	00-102100: FS
00-109200	Review & Approve - Designated Licensed Engineer for Solid Waste Management Plan (01738)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-108000: FS	00-105400: FS
00-109300	Review & Approve - Designated Licensed Engineer for Vibration Monitoring Program (Rock Removal - 02238)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-108100: FS	00-113500: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-109400	Review & Approve - Designated Civil Engineer for Dewatering Plan (02240)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-108200: FS	00-113600: FS
00-109500	Review & Approve - Designated Civil/Geotechnical Engineer for Shoring Design (02260)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-108300: FS	00-113400: FS
00-109600	Review & Approve - Designated Stormwater Pollution Prevention Plan (SWPPP) Consultant (Imata) (01573)	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-108400: FS	00-105200: FS
00-109700	Pre-Construction Conference	30	24-Feb-25	25-Mar-25	24-Jun-25	23-Jul-25	120	00-100000: SS	00-101200: FS
00-109800	Document Management Software Training	30	24-Feb-25	25-Mar-25	24-Jun-25	23-Jul-25	120	00-100000: SS	00-101200: FS
00-109900	Pre-Construction Safety Conference (at mobilization)	1	24-Jun-25	24-Jun-25	23-Jul-25	23-Jul-25	29	00-109910: FS	00-101200: FS
00-109910	Schedule Pre-Construction Safety Conference	120	24-Feb-25	23-Jun-25	25-Mar-25	22-Jul-25	29	00-100000: SS	00-109900: FS
00-110000	Pre-Submittal Conference	30	24-Feb-25	25-Mar-25	24-Jun-25	23-Jul-25	120	00-100000: SS	00-101200: FS
00-110200	Prep & Submit - Baseline Schedule with MOP tasks.	30	05-Apr-25	04-May-25	24-Jun-25	23-Jul-25	80	00-111200: SS, 00-110210: FS	00-101200: FS
00-110210	HOLD on Precon Group 3	40	24-Feb-25	04-Apr-25	15-Apr-25	24-May-25	50	00-100000: SS	00-110200: FS, 00-110300: FS, 00-110400: FS, 00-110500: FS, 00-110600: FS, 00-110700: FS, 00-110800: FS, 00-111800: FS, 00-111900: FS, 00-113400: FS, 00-113200: FS, 00-113300: FS, 00-113500: FS, 00-113600: FS, 00-113700: FS, 00-113800: FS, 00-113900: FS, 00-114000: FS, 00-114100: FS
00-110300	Prep & Submit - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-108900: FS, 00-110210: FS	00-110400: FS
00-110400	Review & Approve - Structural Engineer Designs for Temporary Bypass Pipe and Pipe Supports (01140)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-110300: FS, 00-110210: FS	00-101200: FS
00-110500	Prep & Submit - Dust Control Management Plan	30	05-Apr-25	04-May-25	25-May-25	23-Jun-25	50	00-100000: SS, 00-110210: FS	00-110700: FS
00-110600	Prep & Submit - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30	05-Apr-25	04-May-25	25-May-25	23-Jun-25	50	00-100000: SS, 00-110210: FS	00-110800: FS
00-110700	Review & Approve - Dust Control Management Plan	30	05-May-25	03-Jun-25	24-Jun-25	23-Jul-25	50	00-110500: FS, 00-110210: FS	00-101200: FS
00-110800	Review & Approve - Qualifications of Wildlife Biologist Performing Hawaiian Geese Surveys	30	05-May-25	03-Jun-25	24-Jun-25	23-Jul-25	50	00-110600: FS, 00-110210: FS	00-101200: FS
00-110900	Prep & Submit - Designated Scheduler (5 days after NTP)	5	24-Feb-25	28-Feb-25	11-Apr-25	15-Apr-25	46	00-100000: SS	00-111000: FS, 00-111100: FS
00-111000	Prep & Submit - Preliminary Schedule and Detailed Breakdown of Project Costs (14 days after NTP)	9	01-Mar-25	09-Mar-25	16-May-25	24-May-25	76	00-100000: SS, 00-110900: FS	00-111300: FS
00-111100	Pre-Construction Scheduling Meeting (14 days after NTP)	9	01-Mar-25	09-Mar-25	16-Apr-25	24-Apr-25	46	00-110900: FS	00-111200: FS
00-111200	Prep & Submit - Project Baseline Schedule (and Detailed Breakdown of Project Costs) (45 days after NTP)	30	10-Mar-25	08-Apr-25	25-Apr-25	24-May-25	46	00-111100: FS	00-110200: SS, 00-111500: FS
00-111300	Review & Approve - Preliminary Schedule and Detailed Breakdown of Project Costs	30	10-Mar-25	08-Apr-25	25-May-25	23-Jun-25	76	00-111000: FS	00-111400: FS
00-111400	Prep & Submit - Preliminary Schedule of Submittals	30	09-Apr-25	08-May-25	24-Jun-25	23-Jul-25	76	00-111300: FS	00-101200: FS
00-111500	Review & Approve - Project Baseline Schedule (and Detailed Breakdown of Project Costs)	30	09-Apr-25	08-May-25	25-May-25	23-Jun-25	46	00-111200: FS	00-111700: FS, 00-101200: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
00-111600	Prep & Submit - Commissioning Schedule (90 days after NTP)	30	25-Apr-25	24-May-25	24-Jun-25	23-Jul-25	60	00-100000: SS, 00-108700: FS	00-101200: FS
00-111700	Prep & Submit - Final Schedule of Submittals (30 days after approval of baseline schedule)	30	09-May-25	07-Jun-25	24-Jun-25	23-Jul-25	46	00-111500: FS	00-101200: FS
00-111800	Prep & Submit - Contractor's Professional Engineer Qualifications/Requirements (for all)	30	05-Apr-25	04-May-25	24-Jun-25	23-Jul-25	80	00-100000: SS, 00-110210: FS	00-101200: FS
00-111900	Prep & Submit - Contractor's Professional Engineer Professional Liability Insurance Certificate	30	05-Apr-25	04-May-25	24-Jun-25	23-Jul-25	80	00-100000: SS, 00-110210: FS	00-101200: FS
00-112000	Prep & Submit - Qualifications of the Contractor's Quality Control (CQC) Plan Manager	15	24-Feb-25	10-Mar-25	25-Apr-25	09-May-25	60	00-100000: SS	00-112100: FS
00-112100	Review & Approve - Qualifications of the Contractor's Quality Control (CQC) Plan Manager	30	11-Mar-25	09-Apr-25	10-May-25	08-Jun-25	60	00-112000: FS	00-112200: FS
00-112200	Prep & Submit - Contractor Quality Control (CQC) Plan (60 days after NTP)	15	10-Apr-25	24-Apr-25	09-Jun-25	23-Jun-25	60	00-112100: FS	00-112300: FS
00-112300	Review & Approve - Contractor Quality Control (CQC) Plan	30	25-Apr-25	24-May-25	24-Jun-25	23-Jul-25	60	00-112200: FS	00-101200: FS
00-112400	Prep & Submit - Qualifications of Professional Land Surveyor	30	24-Feb-25	25-Mar-25	26-Mar-25	24-Apr-25	30	00-100000: SS	00-112500: FS
00-112500	Review & Approve - Qualifications of Professional Land Surveyor	30	26-Mar-25	24-Apr-25	25-Apr-25	24-May-25	30	00-112400: FS	00-112600: FS
00-112600	Prep & Submit - Pre-Excavation Report	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-112500: FS	00-112700: FS
00-112700	Review & Approve - Pre-Excavation Report	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-112600: FS	00-101200: FS
00-112800	Prep & Submit - Licensed Engineer Probe and Grout Work Plan (60 after NTP, 60 before mob)	15	10-Apr-25	24-Apr-25	09-Jun-25	23-Jun-25	60	00-108500: FS	00-113000: FS
00-112900	Prep & Submit - Licensed Engineer Probe and Grout Reports and Records (60 after NTP, 60 before mob)	15	10-Apr-25	24-Apr-25	09-Jun-25	23-Jun-25	60	00-108500: FS	00-113100: FS
00-113000	Review & Approve - Licensed Engineer Probe and Grout Work Plan	30	25-Apr-25	24-May-25	24-Jun-25	23-Jul-25	60	00-112800: FS	00-101200: FS
00-113100	Review & Approve - Licensed Engineer Probe and Grout Reports and Records	30	25-Apr-25	24-May-25	24-Jun-25	23-Jul-25	60	00-112900: FS	00-101200: FS
00-113200	Prep & Submit - Location and Details of Control Points, Survey Data	30	05-Apr-25	04-May-25	25-May-25	23-Jun-25	50	00-100000: SS, 00-110210: FS	00-113700: FS
00-113300	Prep & Submit - Detailed Sequence of Installation and Removal of Shoring	30	05-Apr-25	04-May-25	25-May-25	23-Jun-25	50	00-100000: SS, 00-110210: FS	00-113800: FS
00-113400	Prep & Submit - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and Calcs (Shoring)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109500: FS, 00-110210: FS	00-113900: FS
00-113500	Prep & Submit - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109300: FS, 00-110210: FS	00-114000: FS
00-113600	Prep & Submit - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30	25-Apr-25	24-May-25	25-May-25	23-Jun-25	30	00-109400: FS, 00-110210: FS	00-114100: FS
00-113700	Review & Approve - Location and Details of Control Points, Survey Data	30	05-May-25	03-Jun-25	24-Jun-25	23-Jul-25	50	00-113200: FS, 00-110210: FS	00-101200: FS
00-113800	Review & Approve - Detailed Sequence of Installation and Removal of Shoring	30	05-May-25	03-Jun-25	24-Jun-25	23-Jul-25	50	00-113300: FS, 00-110210: FS	00-101200: FS
00-113900	Review & Approve - Civil/Geotechnical Engineer Excavation and Support Shop Drawings and	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-113400: FS, 00-110210: FS	00-101200: FS

Schedule Report - Predecessors / Successors

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessor Details	Successor Details
	Calcs (Shoring)								
00-114000	Review & Approve - Licensed Engineer Vibration Monitoring Program (Rock Removal - 02238)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-113500: FS, 00-110210: FS	00-101200: FS
00-114100	Review & Approve - Civil Engineer Dewatering Plan and Other Dewatering Submittals (02240)	30	25-May-25	23-Jun-25	24-Jun-25	23-Jul-25	30	00-113600: FS, 00-110210: FS	00-101200: FS
00-232700	Commissioning	70	28-Jan-30	08-May-30	28-Jan-30	08-May-30	0	00-101500: FS	00-233100: FS, 00-233000: FS, 00-232900: FS
00-232800	Facility Testing	70	04-Oct-29	25-Jan-30	04-Oct-29	25-Jan-30	0	00-233800: FS	00-101500: FF
00-232900	Submit O&M Manuals	25	09-May-30	14-Jun-30	14-May-30	19-Jun-30	3	00-232700: FS	00-233400: FS
00-233000	Conduct Training	25	09-May-30	14-Jun-30	14-May-30	19-Jun-30	3	00-232700: FS	00-233400: FS
00-233100	Pre-Final Inspection	23	09-May-30	12-Jun-30	09-May-30	12-Jun-30	0	00-232700: FS	00-233200: FS
00-233200	Punchlist	25	13-Jun-30	22-Jul-30	13-Jun-30	22-Jul-30	0	00-233100: FS	00-233300: FS
00-233300	Final Inspection	5	23-Jul-30	29-Jul-30	23-Jul-30	29-Jul-30	0	00-233200: FS	00-233400: FF
00-233400	Clean Up Site and Demobilize	25	20-Jun-30	29-Jul-30	20-Jun-30	29-Jul-30	0	00-232900: FS, 00-233000: FS, 00-233300: FF	00-101600: FS
00-233500	Construction Submittals and Procurement (submit, approve, procure, arrive)	900	24-Feb-25	12-Aug-27	10-Nov-26	27-Apr-29	624	00-100000: SS	00-233600: FF
00-233600	Construction	850	05-Sep-25	27-Apr-29	05-Sep-25	27-Apr-29	0	00-233700: FS, 00-106800: FS, 00-233500: FF	00-233800: FF, 00-233900: SS
00-233700	Mobilize to Site and Set Up Site Offices	25	24-Jul-25	04-Sep-25	24-Jul-25	04-Sep-25	0	00-101200: SS	00-233600: FS
00-233800	Conduct Functional Testing and Reliability Acceptance Testing	500	10-Aug-27	03-Oct-29	10-Aug-27	03-Oct-29	0	00-233600: FF, 00-233900: FS	00-232800: FS
00-233900	Construction Completion to Allow First Functional and Reliability Acceptance Testing	450	05-Sep-25	09-Aug-27	05-Sep-25	09-Aug-27	0	00-233600: SS	00-233800: FS
Total		1347	24-Feb-25	30-Jul-30	24-Feb-25	30-Jul-30	0		

Preliminary Detailed Breakdown of Project Costs

Hilo Wastewater Treatment Plant (WWTP) Rehabilitation and Replacement Project Phase 1

Job No. WW-4705R

Contract No. C.012486

Contractor: Nan, Inc.

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