

Substrate, Inc

CITY OF NOVATO
DEPARTMENT OF PUBLIC WORKS

May 31, 2024

Grant Avenue Bridge Rehabilitation City Project No.: 09-003

Federal Project No.: BHLS 5361(023)

To: Gosia Woodfin

Project Manager

Department of Public Works

Subject: Monthly Newsletter

Monthly Newsletter # Newsletter Month Ending			02							
		May 31, 2024								
% Time Elapsed	18%	% Complete	22%							
Est. Date of Complet	ion		February 06, 2025							
Date Contract Expire	S		February 06, 2025							

THIS PAST MONTH THE FOLLOWING WORK WAS DONE:

- Frontier Overhead Comms Line Utility Relocation
- Installation of Abutment 2 Sheet Pile Shoring
- Begin Drilling of Bridge CIDH Piles (4 of 6 completed)

WORK NEXT MONTH WILL PROBABLY CONSIST OF:

- Finish Drilling of Bridge CIDH Piles (2 remaining)
- Abutment Construction

OUTSTANDING ISSUES WITH CONTRACTOR AND PROGESS OF CONSTRUCTION:

• 7WD PG&E/Frontier Delay, we are currently 1 week behind schedule. We have requested a recovery schedule.

Sunny Jhutti, P.E., S.E. Resident Engineer

Surdeep Shuth

cc: File: 28.02.01, GW, EE







Figure 1 – Frontier Relocating OH Communication Line.



Figure 2 - Frontier Relocating OH Communication Line.







Figure 3 – Frontier Relocating OH Communication Line.



Figure 4 – Frontier Relocating OH Communication Line.







Figure 5 – Minerva installing Abutment 2 Sheetpile Shoring.



Figure 6 – Minerva installing Abutment 2 Sheetpile Shoring.







Figure 7 – Minerva installing Abutment 2 Sheetpile Shoring.



Figure 8 – Minerva installing Abutment 2 Sheetpile Shoring.







Figure 9 – West Coast Drilling Mobilizing in (20,000 Gallon Baker Tank).



Figure 10 – CIDH Pile Rebar Cages on site.







Figure 11 – West Coast Drilling Starting Drilling Operations at Abutment 1.



Figure 12 – West Coast Drilling adding synthetic slurry.







Figure 13 – West Coast Drilling continuing drilling the CIDH Pile.



Figure 14 – WCD using Clean-Out Bucket to remove drill spoils in wet hole.







Figure 15 – Drone Picture of Drilling at Abutment 2.



Figure 16 – Drone Picture of Drilling at Abutment 2.







Figure 17 – Drone Picture of Drilling at Abutment 2 looking EB on Grant Ave.



Figure 18 – Drone Picture of Drilling at Abutment 2 looking WB on Grant Ave.







Figure 19 – Drilling progress.



Figure 20 – Drilling progress.







Figure 21 – Lowering the 49 ft cage in the drilled hole 3ft away from the Guy Wire.



Figure 22 – Placing Concrete with tremie tube.

Grant Bridge Rehabilitation Project 3 Week Look Ahead 5/28/2024 - CURRENT DATE



Minerva Construction

MILIEI VA COISTRUCTION																						
CPN	М		5/20	5/21	5/22	5/23	5/24	5/27	5/28	5/29	5/30	5/31	6/3	6/4	6/5	6/6	6/7	6/10	6/11	6/12	6/13	6/14
ID	Activity Description	SUB	М	Т	w	Т	F	М	Т	w	Т	F	М	Т	W	Т	F	М	Т	w	Т	F
			History			Week 1			Week 2				Week 3									
	HOT RFIs and Submittals																					
A1200	Girder Erection Plan - R&R.	Confab					н	н														
	Project Setup/ Mobilization																					
	Bird Mitigation (CO #01).	Biomass		Х			н	н	Х					Х					Х			
	Stage 2/3/4 Traffic Control																					
A1720	ST2/3-Mobe and Install CIDH Piles (6 EA 36"D). Starting at West Abutment.	WCD				х	н	н	Х	Х	Х	Х	Х	Х	Х							
	Remove Drilling Spoils and Relocate to Staging Area Field for Drying. Dispose.	Minerva					н	н	Х	х	Х	х	Х	Х	Х							
A2770	ST2/3- CIDH Pile Gamma Gamma Testing	Novato					н	н								Х						
A1830	ST2/3-Strutural Exc for West. Footing/Abutment	Minerva					н	н					Х	Х	Х							
A1840	ST2/3-Form Abut Concrete	Minerva					н	н								Х	Х	Х	Х			
A1870	ST2/3-Rebar abutment, west	Minerva					н	н												Х	Х	
A1900	ST2/3-Place Abutment Concrete, west side	Minerva					н	н														х