

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, February 6, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

- Temporary Traffic Control Plan (TCP) from last season was amended for this year's construction activities and implemented. This TCP applies to the work zone between Campbell Drive and McKinnon Street.
- Took existing condition photos for entire Front Street corridor.
- Contractor mobilized in excavators and other construction equipment.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: February 7, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Clear, Calm

- Conducted a weekly SWPPP inspection and took the project SWPPP out of 'winter shut-down'.
- SEEM excavated and found previously installed pipe (P-17) leading out of SD structure S-15. This pipe was installed last year.
- SEEM installed 36" SD pipe leading towards McKinnon Drive.
- Project webcam was removed from the existing light pole in front of the Fennimore Gas station. This light pole was then disconnected and removed by SEEM for pipe installation. Webcam will be installed again soon.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday February 8, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 40^\circ$, Partly Cloudy, Breezy

- Installed new SS cleanout to Otteson's Warehouse.
- Connected new fire service to Otteson's Warehouse.
- SEEM installed 36-inch SD main between approximately the center Otteson Warehouse door and the Fennimore Gas Station.
- Moved webcam to the top of the Otteson True Value store. Webcam is online and functional.
- Encountered 2 abandoned tanks in front of the Fennimore Gas station office. In contact with DEC to determine proper handing/removal procedures for tanks.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday February 9, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 45^\circ$, Overcast, Breezy

- Gave direction on RFI #13, regarding underground storage tanks found, and submitted the official RFI later in the day.
- SEEM continued laying pipe towards the McKinnon Street intersection. 3 sticks of pipe were installed.
- SEEM installed water and sewer service to Bunes Building.
- SEEM installed sewer service to Fennimore Building.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, February 10, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 45^\circ$, Overcast, Breezy

- SEEM continued laying pipe towards the McKinnon Street intersection and set structure S-18.
- SEEM installed 6-inch water service stub-out per plans to property line between the Bunes Building and the AP&T Building.
- Temporarily installed roof drain stub out between the Bunes and AP&T Building.
- Cleaned up site, moved Traffic Control from Campbell Drive to Fennimore Gas Station to make smaller work zone.
- Crews stopped working at about 4:30PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Diary: Saturday, February 11, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Partly Cloudy, Calm

- Installed domestic water services for AP&T and AICS.
 - These services had been fed off one 1-inch service but are now fed separately.
- Crews bedded and backfilled the majority of these water service trenches, will finish remainder of backfilling Monday.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Sumamry: Monday, February 13, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Partly Cloudy, Calm

- Moved traffic control devices to shut-down McKinnon Street intersection around 8AM.
- SEEM installed SS cleanout to SS service for AP&T.
- SEEM working to reconnect the hose bib/spigot between the AICS Building and AP&T.
- SEEM excavating for water main connection from Front Street valve cluster to McKinnon water main. Nearly the entire trench between the valve cluster on Front Street and the connection point on McKinnon needed to be chipped for rock. They plan to make the connection to the existing main on McKinnon Street at 2PM on Tuesday.
- Crews stopped working at 5PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, February 14, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Partly Cloudy, Calm

- SEEM continued chipping rock for the McKinnon Street water main tie-in.
 - The rock was just below the existing concrete and was in the entire length of the trench.
- Conducted weekly SWPPP inspection with Mike Ashton at 11AM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday , February 15, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Cloudy, Calm

- SEEM continued prepping for water main connection at McKinnon Street. They made the tie in around 9AM. Everything went fine.
- Sent approved submittal for TCP between McKinnon and Lynch to Chris McGraw.
- SEEM continued excavating and chipping for water main, working towards the hydrant near the Elks. They installed, bedded and partially back filled this main line.
- I stopped by some of the local businesses between McKinnon and Lynch Street to inform them that our work zone is moving their way. I will follow up with the Totem Bar and Stikine Drug tomorrow, today I contacted:
 - AP&T
 - Wells Fargo
- Crews stopped working at 5:00PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday, February 16, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 35^\circ$, Cloudy, Calm

- SEEM had to dewater trench due to rainfall from last night. They dewatered into their baffled dewatering box.
- Art Dunn (DOT Permit and Compliance Reviewer) arrived in WRG on the morning jet for compliance visit.
- Held progress meeting #9 at the Wrangell City Hall. Meeting notes will be distributed once prepared.
- SEEM continued chipping for SD pipes (P-21) and structures (S-17 and S-19) at the McKinnon intersection.
- SEEM installed fire hydrant in front the Elks building.
- MCC/SEEM brought a 'light plant' to the work zone to provide better temporary lighting at night.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, February 17, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 40^{\circ}$, Cloudy, Calm, Lt. Rain

- Met with Charlotte Duren at 9AM for an interview for the radio.
- Held first internal project team safety meeting. Ricki Markscheffel, Jim Stolpe and I were in attendance.
- SEEM continued chipping rock and excavating for SD structures (S-16, S-17, S-19) and pipes (P-19, P-20, P-21, P-22) at the McKinnon Street intersection.
- Storm drain pipe crossing McKinnon Street needed to be adjusted to get proper clearance over existing sanitary sewer main which runs down McKinnon Street.
- In the afternoon while chipping rock for P-22 the existing AC water main was cracked/broken. Carl Johnson was notified. Mitch McGraw shut off the water main at Lynch Street and Jeff Rooney came to assist. The rock that was being chipped near the existing water main needed to be removed to install P-22. Once the main was off, the remainder of the rock was removed, the main was repaired and turned back on. Affected businesses were notified of the outage and when the water was turned back on. The outage lasted approximately 1.5hrs about 2PM.
- Pipes P-19, P-20, P-21, P-22 were installed but all pipes were not completely backfilled. The McKinnon intersection will remain closed Friday night. SEEM will be working a half day on Saturday and will finish backfilling pipes and clean up the intersection.
- Crews left at 5PM.
- When I left the project office around 6PM the light plant which is being used for roadway lighting was not illuminating the work zone very well. I contacted Mike Ashton who contacted Mitch McGraw to come help adjust the lighting. Mitch came right down the site and he and I adjusted the lighting to illuminate the site as best as we could, while trying to provide the least glare as possible to the area.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Saturday , February 18, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Lt. Right

- Jon McGraw was in town. Discussed upcoming work plans with him.
- Worked to catch up on pay sheets for pay estimate #11.
- SEEM set S-16, P-19 and one stick of P-18. P-18 is shallow enough that it is within the sub-cut for the sidewalk. They didn't want to install the entire length of pipe since it is within the sub-cut.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, February 20, 2012 (President's Day)

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Lt. Right

- Arrived to project office at 6:30AM.
- Installed roof drains between AP&T and AICS and the corner of the AICS building.
- Grouted and backfilled S-16, S-17, S-18, S-19 and their respective pipes.
- Raised the previously installed hydrant near the Elks to get the proper height above finish grade.
- SEEM continued to fuse water main, moving down Front Street.
- Crews left at 5PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, February 21, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Calm

- Emailed Mike Ashton about the status of temporary illumination for the project.
- Mitch submitted TCP #5 – Lynch to Campbell.
- Gave SEEM surveyor curve information near 17+70 that he has asked about.
- SEEM continued excavating for water main between McKinnon Street and approx. 18+00.
- Laid water main in trench, will backfill tomorrow.
- Conducted weekly SWPPP inspection in the afternoon.
- Returned submittal review for MSE blocks and geogrid for the MSE walls on the project.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday, February 22, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Partly Cloudy, Calm

- SEEM continued bedding, installing and backfilling the water line between McKinnon and Lynch Street.
- Around 10:30AM, in coordination with the City, SEEM open bore flushed the 10-inch main. They flushed the main down Front Street. Everything went fine.
- SEEM laid one stick of pipe leaving SD structure S-18. Will continue tomorrow.
- Spoke to Aaron Powell (Totem Bar) and Chet Powell (City Market and other Wrangell businesses) about lighting around the work zone at night. We will be adjusting the lighting tonight to provide better illumination.
- SEEM closed off the intersection at Lynch Street in the afternoon to install the valve cluster at the intersection.
 - Intersection should be opened by Thursday morning.
- Crews left at 5PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday, February 23, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Partly Cloudy, Calm

- SEEM continued backfilling the water main that was installed yesterday.
- SEEM installed pipe (P-24) leaving SD structure S-24.
- SEEM began digging for S-21 in the afternoon.
- SEEM began the pressure test of water main between McKinnon and Lynch around 10:30AM. After the 4-hour (minimum) expansion phase, the 1-hour test phase began at 2:45PM. The line held 150psi for one hour.
- SEEM moved baffled dewatering tank in front of the Elks building.
- At 4:00PM SEEM began disinfecting the line. I left the project from 5:00-6:30PM. After I returned, at about 6:45PM the disinfected water had reached Lynch Street. Test strips showed the chlorine concentration in the water was between 100-200PPM which is greater than the required 50PPM requirement.
- Jimmy O'Brian (SEEM) closed all valves to the tested line and left the site around 7:00PM. SEEM plans to flush the line tomorrow evening and collect the bac-t sample and send off for testing Saturday morning.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday and Saturday, February 24 and 25, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Partly Cloudy, Calm

- SEEM set SD structure S-20, S-21 and S-22.
- SEEM installed SS service and cleanout to Lot 8 (approx. 17+85) and to the Otteson True Value Building
- Crews closed off the job site and left at 5PM.
 - Returned at 7PM to test residual chlorine concentration in the water main between McKinnon and Lynch Street. .
- Returned Saturday morning to help collect the samples for bac-t testing.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, February 27, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 30^\circ$, Cloudy, Lt. Snow, Calm

- Held 15-min Monday morning coordination meeting with Mitch, Mike, Jim Stolpe and I at 9:00AM.
 - Discussed work plan for the week, working with snow in the trench, etc.
- In coordination with Carl Johnson, will issue a directive to install a 1-inch domestic water service between the Otteson True Value store and the Totem Bar. Also will issue directive to install 1-inch domestic service at approx. 19+75, LT.
- Had conference call with Jane Gendron (SE Region Environmental Manager), Michael Kell (SE Region Archeologist), Paul Rushmore (Project Archeological Monitor) and I to discuss project Archeological Monitoring.
- SEEM installed SS service to the Totem Bar.
- SEEM working to install SS service to the Wells Fargo building.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, February 28, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Calm

- SEEM continued working on SS service for Wells Fargo Building.
- SEEM connected domestic water service to Wells Fargo.
- Mike and I conducted weekly SWPPP inspection.
- Existing water main between McKinnon and Lynch now decommissioned, new HDPE main up and running.
- Regraded SS service to Elks and installed cleanout.
- Installed 1-inch domestic water service stub-out between Otteson Store and Totem Bar.
- Totem Bar fire line connected in the afternoon.
- Three new light plants arrived Monday on the barge. Mike and I set two of them up around the site to provide better lighting on the project at night.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday, February 29, 2012

Project No: 68828/HPRM-0003(135) & 67789

Project Name: Wrangell Road and Utility Improvements

Weather: \approx 28°, Scattered Clouds, Calm

- SEEM bedded and backfilled SS service to Elks.
- Wells Fargo SS service will be graded over the new water main and under the new storm drain (P-28).
- SEEM removed some concrete in the work zone in front of the Wells Fargo building.
- SEEM continued backfilling and cleaning up the work zone in front of the Otteson True Value store. They are trying to push their work zone farther up Front Street and restore some on-street parking in front of Ottesons.
- SEEM excavating for both SS services to the Totem Bar. Both were not complete today, will finish tomorrow.
- SEEM plans to make the water line connection on the alley across from Lynch Street tomorrow. To make this connection, a short outage for some residents between Front Street and Church Street will be required. Mike let the potentially affected residents know of the outage scheduled for tomorrow.
- Left site at 4:00 and returned at 6:00PM to connect SS service in front of the Otteson True Value store.
- SEEM left site around 8:00PM.