

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday, March 1, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 28^\circ$, Scattered Clouds, Calm

- SEEM on weather hold until 12:00PM due to accumulation of snow and slick roads.
- Held the 10th Public Progress Meeting at 10AM at the City Hall. Notes will be distributed once they are prepared.
- SEEM installed P-25 in front of the Otteson Store.
- SEEM installed P-28 that runs in front of the Wells Fargo Building.
- SEEM continued excavating for SS cleanout in front of the Otteson front door. Will finish tomorrow.
- SEEM did not make water connection to the Alley across from Lynch Street due to getting a late start in the day. Will make connection tomorrow. Mike Ashton told affected residents of this update.
- SEEM left site around 5:00PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, March 2, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 32^\circ$, Lt. Rain, Calm

- SEEM began digging for SS service cleanouts at the Otteson Store in the morning. Installed cleanout on service in center of building per plans. Did not find service at corner of building near McKinnon and did not install service there.
- SEEM began excavating and locating for the water connection on alley across from Lynch Street in the morning. In coordination with the CBW, the water was shut off around 9AM so this work could be done. This water outage lasted the better part of the day and water was restored in the afternoon.
- SEEM brought in a grader and graded the road between Campbell Drive and Wells Fargo. They brought in D1 to fill in holes and cleanup the area. Traffic Control Devices were moved up to approx. 18+00 and on-street parking was restored near Wells Fargo, the Totem Bar and the Otteson Store.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Saturday, March 3, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 32^\circ$, Lt. Rain, Calm

- SEEM working on connecting the SS of the building on Lot 9 (approx. 19+35, LT) to the SS main. This SS service was found crossing the alley
- Crew worked on this throughout the day and finished in the early afternoon.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, March 5, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 28^{\circ}$, P. Cloudy, Calm

- SEEM moved traffic control devices to close off the Lynch Street intersection. SEEM will be working here throughout the week with water, sewer and storm drain improvements.
- SEEM partially installed C900 PVC SS main between SS structures A-6 and A-6A.
- SEEM set SD structures S-30, S-25 and S-23.
- SEEM encountered petroleum contaminated soil when excavating for the SS connection near SSMH A-6A.
 - Approx. 2 trucks were hauled to the secondary contaminated soil site across Campbell Drive from Lynch Street.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, March 6, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 28^{\circ}$, P. Cloudy, Calm

- SEEM backfilled C900 PVC sewer main at Lynch Street.
- SEEM fixed SS main that leads into SS structure A-6.
- Crew excavated for new HDPE water main that connects to Lynch Street. They will make this water connection tomorrow.
- Contaminated soil encountered while excavating for 6-inch service that serves Lot 10 (Bill Goodale's property).
 - Contaminated soil was hauled off to contaminated soil disposal site.
- SEEM left site around 5:30PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday, March 7, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- City crews were on-site around 9:00AM to shut the Lynch Street water main off.
- A 2-inch water service feeding the building at Lot 5 @ 19+25, RT was found on the Lynch Street water main. In coordination with Carl Johnson the 1-inch domestic service will be up-sized to 2-inch.
- SEEM excavated and installed SD pipe P-30, to the Wells Fargo building.
 - The pipe that was supposed to be connected to did not appear to be active. Crew placed shot rock at the end of this pipe to act as a french drain and could be easily connected to later.
- Late in the afternoon the crew had everything ready to make the connection on Lynch Street. Complications due to the connection at Lynch Street delayed making the connection. Late in the evening we were finally able to make the connection to Lynch Street and provide water for the fire service to the building at Lot 5 (19+25, RT).
- SEEM left site around 10:00PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Diary: Thursday, March 8, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- SEEM finished water line connections at the Lynch Street intersection.
- SEEM excavated, bedded and installed 10-inch water main from the valve cluster at Lynch Street to approximately 19+50.
- SEEM connected the 2-inch HDPE water service to the building Lot 5 @ 19+25, RT.
- SEEM installed the fire supply and sewer line (via saddle) to Bill Goodale's lot.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, March 9, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- SEEM finished backfilling all water connections on Lynch Street.
- SEEM installed the fire hydrant at the corner of Front and Lynch Street, near the Sentinel Office.
- SEEM installed CPP storm drain pipe P-33.
- Around 4:00PM SEEM's Cat 320 excavator fell into the water main trench due to undermined concrete that it was sitting on. The operator was able to get out of the excavator without being injured. SEEM used their Hitachi 450 and another excavator to pull the excavator from the trench.
- SEEM left site around 5:00PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Saturday, March 10, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- SEEM installed new SS lateral that runs down Lynch Street and serves Lot 5 at approx 19+52, RT.
- SEEM installed, bedded and partially backfilled the water main between Lynch Street and approximately 20+75. All 1-inch services were tapped on the main.

Project Engineer: Toby Lockhart, P.E.

Engineer's Daily Summary: Tuesday, March 13, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Moderate Wind, Snow flurries late in day

- SEEM set storm drain structures S-26, S-28, S-29, and installed storm drain pipes P-35 and P-37.
- SEEM also continued excavating the water main trench on Front Street between station 20+75 and 21+75.
- SEEM built the grade back up at Lynch Street and is nearly ready to re-open the intersection to traffic.

Project Engineer: Toby Lockhart, P.E.

Engineer's Daily Summary: Wednesday, March 14, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Cloudy, Moderate Wind

- SEEM finished dressing up the Lynch Street intersection and re-opened the intersection to traffic.
- SEEM installed the 10" water main up to the Campbell Drive intersection. Several obstructions were removed from the intersection in order to keep it open to 2-way traffic.
- SEEM began the installation of the sewer service to Stikine Drug.

Project Engineer: Toby Lockhart, P.E.

Engineer's Daily Summary: Thursday, March 15, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- Progress Meeting #11 had no participants from the general public and was limited to a brief update from MCC.
- SEEM flushed and satisfactorily pressure-tested the water main between Lynch and Campbell Drive.
- SEEM installed the sewer lateral to Stikine Drug at 19+00 LT, and the sewer cleanout at approximately 19+34 LT.

Project Engineer: Toby Lockhart, P.E.

Engineer's Daily Summary: Friday, March 16, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- SEEM spent some time addressing maintenance concerns with gravel surfaces. They filled potholes and tuned up transitions from gravel to concrete or asphalt.
- SEEM completed sewer services at 19+75 LT, and 20+05 LT.
- SEEM chlorinated the water main between Lynch and Campbell Drive.

Project Engineer: Toby Lockhart, P.E.

Engineer's Daily Summary: Saturday, March 17, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 43^\circ$, Partly Cloudy, Light Winds

- No construction activity today.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, March 19, 2012

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

Project Name: Wrangell Road and Utility Improvements

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

- Arrived to the project around 3:30PM after coming in on the evening jet.
- SEEM set SD structure S-31, will finish backfilling tomorrow.
- SEEM left site around 5:00PM. I left the office at 5:30PM and returned later in the evening to catch up on paper work.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, March 20, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Scattered Clouds, Calm

- Rick Aro, DOWL HKM Chief Grade Inspector, mobilized back to Wrangell over the weekend and was on-site first thing this morning. Rick will be in Wrangell for the remainder of the project serving as inspector.
- SEEM continued installing and backfilling SD structure S-31 and pipe P-38 leading to it.
- Throughout the day SEEM worked on excavating and installing sewer services to the Wrangell Insurance Center (Lot 6) and Lot 7 to the east of the insurance center.
- SEEM installed and connected the 6-inch water service to the Kadin Building (approx. 19+55, RT) and also at approx. 19+30, LT.
- Mike and I did a SWPPP inspection at 4:30PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday, March 21, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Scattered Clouds, Calm

- In continuation of work from yesterday, SEEM installed SS service via saddle at approx. 21+10. This existing service at the main was unable to be located. SEEM installed 1-inch domestic water service at 19+10 and 20+23.
- While SEEM was excavating for the water and sewer service for the Kadin building what appears to be an existing fuel tank was found at approx 20+00, 25' RT. This tank was not in the way of our work and was left in place. I contacted DEC and let them know that we encountered this.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday, March 22, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 36^\circ$, Scattered Clouds, Calm

- Workers installed one 1-inch domestic water service to the Busy Bee Upholstery store.
- SEEM began domestic water and sewer connection work to the Kadin building.
- SEEM started work for the domestic water service to approx. 21+11(Wrangell Insurance Center).

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, March 23, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 39^\circ$, Scattered Clouds, Calm

- Arrived to project around 6:30AM.
- The existing AC water main broke near 20+25 while SEEM was working above the line in an excavator. The existing AC water main is very fragile and was installed in such a way that it is very susceptible to breaks. Many times these breaks are unavoidable by the Contractor. This break affected the Kadin Building and the AICS Admin Office domestic water supply. Water service was restored before the day was over.
- Throughout the day SEEM connected the Kadin Building domestic water supply.
- SEEM left site around 5:00PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Monday, March 26, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 30^\circ$, Partly Cloudy, Calm

- SEEM has safety meeting around 7:30AM.
- Throughout the day SEEM worked on setting SD structures S-34 and S-32 and pipe P-39.
- Mike and I discussed the retaining wall work at the Sno Building.
- SEEM excavated and installed water service at 21+30, LT (Lot 7).
- SEEM began excavating for water service at 21+66, LT (Lot 1A).
- SEEM excavated for water and sewer services to Lot 2A at approx. 22+10, LT.
- SEEM excavated for S-36 in the afternoon.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Tuesday, March 27, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 39^\circ$, Partly Cloudy, Calm

- Conducted weekly SWPPP inspection with Mike Ashton.
- Found out that underground storage tank will need to be decommissioned by a state certified worker.
- SEEM connected the SS service at Lot 1A at 21+75, LT.
- Held informal Pre-Construction meeting for the work for the retaining wall in front of the Sno Building.
- SEEM started work for both Dimond C sewer services. They will finish these tomorrow.
- SEEM left site around 5:30PM.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Wednesday, March 28, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 39^\circ$, Partly Cloudy, Calm

- Crew finished both Dimond C sewer services and water service that were started yesterday.
- SEEM began excavation for the retaining wall in front of the Sno Building in the morning.
- Mike Ashton coordinated with all businesses and occupants of the Sno Building so they had maintained access, if needed, to the building during construction of the wall.
- SEEM secured the retaining wall excavation at the Sno Building with excavators, fence and barrels before they left for the evening.

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Thursday, March 29, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 39^\circ$, Partly Cloudy, Calm

- In the morning SEEM moved traffic control devices to begin work at the Campbell Drive intersection. This is the limits of their currently approved traffic control plan.
- Held Public Progress Meeting #12 at 10AM. Meeting notes will be distributed once prepared.
- SEEM continued working on the retaining wall in front of the SNO Building.
- Throughout the day SEEM made the waterline connection at Campbell Drive.
- SEEM installed SS cleanouts at 22+56, LT and 22+66, LT. (Bear Basics and PJ's Floor Coverings).

Project Engineer: Eric Voorhees, P.E.

Engineer's Daily Summary: Friday, March 30, 2012

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

Project Name: Wrangell Road and Utility Improvements

Weather: $\approx 39^\circ$, Partly Cloudy, Calm

- SEEM continued working on the retaining wall in front of the SNO Building.
- SEEM removed the underground tank found earlier this week near 20+50, LT.
- SEEM finished installing P-39.
- SEEM installed SS cleanout at 22+66, LT.
- Rick and I checked the water temperature near the batch plant. We want to monitor the temperature as this will affect the concrete temperature. The water temperature was approx. 39deg.