



Mechanical rock breaking at the Kuna wastewater site lagoons.

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KUNA INFRASTRUCTURE PROJECT

This complex project is providing underground infrastructure for a new datacenter in Kuna, Idaho. It is one of IMCO's largest contracts and requires high productivity and a large workforce.

Teamwork and a vigilant commitment to safety and quality are key to this incredibly logistically challenging project. Learning and overcoming safety challenges has been a critical focus. The team has shown dedication to proactive reporting through healthy utilization of IMCO's work observation program.

The Kuna team achieved a major schedule milestone in the heat of summer with temperatures in-excess-of 105 degrees. The project team had to carefully manage hydration and body temperature in the heat.

50% of craft personnel on the Kuna project have been hired within the last six months and many are learning new skills. It is inspiring to on-board new employees who learn from their



peers and build the IMCO team.

Curtis Road was paved in late May and Cole Road in mid-June, closing two major areas of the site. The main water conveyance piping was installed following the final installation of a 50-foot-wide trench over 2,500 feet. Inside the trench crews installed two 24-inch PVC pipes and two 18-inch PVC pipes. The team completed a critical crossing of Kuna Mora Road during a six-day closure with crews working 24-hour shifts. The Kuna team is approaching the August milestone of 60,000 lineal feet of pipe being installed across the 50-acre site.

PRIEST RAPIDS TARGETS FALL COMPLETION

The Priest Rapids project remains busy; major drilling work has ramped-up since the completion of the RCC structure. IMCO's subcontractor, Malcolm Drilling, is currently drilling three-meter-diameter secant piles in the connecting embankment. This work will create a continuous concrete wall within the new earthen dam section that IMCO built; joining the existing dam into the new RCC structure. The secant piles are placed with a specialty ready-mix that IMCO and Malcolm produce. Malcolm produces a bentonite slurry with their mobile slurry plant which is connected to IMCO's batch plant. IMCO's crew then takes the slurry and mixes it with traditional constituent components to create the ready-mixed concrete. The teamwork between the companies has been strong and resulted in a high production placing rate with very consistent mixes. This experience is a great benefit for the IMCO team, as future dam improvement projects are expected to use this method.

“A job like Priest Rapids is one of many reasons I love working for IMCO. None of us knew much about each other or what we were capable of doing. After a small learning curve at the beginning of the project, the crew came together and really started performing. The bond that was created with the crew and management is what has made this a success,” explained Yancey Sanders, IMCO foreman.

Crews continue to work on a multitude of tasks throughout the site, including miscellaneous utility structures, fittings, and valves, concrete finishing, and grading. The crews have made significant progress restoring the nearly 40-acre site; another large push in grading will begin near the end of August as drilling and batching equipment are demobilized. Site finish subcontractors are scheduled to begin work following final grading.

The project team is working with the owner to begin punch list efforts to reduce the close-out duration. The team is targeting achieving project completion this fall, several months ahead of schedule. This project has taken a tremendous level of effort from the craft and staff to achieve massively impressive results.

“Working on this project has been exciting and challenging. None of us had done a job like this, and we had to overcome obstacles with quick thinking, while working with a large crew who were mostly meeting for the first time. With smarts and leadership of management, accompanied by the skills and experience of numerous key players, the job has been a success and a pleasure to be part of,” said IMCO Operator Nick Buckingham.

Congratulations and gratitude to Joel Higgins, the QC coordinator at Priest Rapids. Joel recently earned his American Concrete Institute Field Technician - Grade I certification.

“When you do a task over and over, eventually you become really good at it. That's how I feel about this project. IMCO started the job never having performed RCC before. We finished the job in stride and ready to tackle any RCC project in the future, with all of the qualifications to do so. That is what I love about working for IMCO, you grow tremendously with each project,” said IMCO Operator Ian Wood.

ANACORTES FERRY TERMINAL

The Anacortes Ferry Tollbooth Replacement Project contract is upgrading the 50-year-old facility for Washington State Ferries. The Anacortes Ferry serves as a gateway to the San Juan Islands and Sidney, British Columbia. IMCO's team has commenced pouring the foundations for two of the three new tollbooths. During construction, the existing toll booths will remain in place until the new ones are ready for use, minimizing disruption to the flow of passengers and vehicles.

This project also includes construction of a new service building that will house a tollbooth, restroom, office space, and an electrical and mechanical room with 1000 feet of sewer line extending from the new service building to the tie-in location.

ROEDER LIFT STATION

In May, IMCO was awarded a \$17.5 million contract by the City of Bellingham. The project constructs a new lift station with added capacity near the Bellingham waterfront, alongside an active BNSF railroad. The purpose of the project is to pump wastewater to higher elevations to convey waste to the City's wastewater treatment plant. IMCO will decommission the City's existing lift station at the end of the project.

The project site is in a sensitive area, involving contaminated material removal and deep excavations near an active railway and within an extremely high-water table. The team has developed a strategic dewatering plan for the project. A sheet pile retaining wall will be installed to protect the BNSF rail as IMCO installs a concrete retaining wall. A sheet pile cell will be constructed for installation of the wet well. The cell includes installation of 70-foot-long sheets, which will lead to a 35-foot excavation depth. The site is small, and the project team will be focused on sheet pile installation and ground excavation later this summer and fall. They will work diligently to test the material that is excavated to ensure proper disposal of contaminated material.

Led by Project Manager Cameron Vest and Superintendent Tanner McCoy, this is an exciting Western Washington project for IMCO's team. It utilizes many skilled craft and features scopes of work where IMCO excels.

“This project has many detailed scopes that will allow our skilled local team to get creative and solve problems on a daily basis. We are expecting a lot of unknowns, once we break ground, but have the right team in place to handle them professionally and timely. This project also puts us in the area for more local work to backlog,” said Tanner McCoy, IMCO superintendent.

The project will include 5,000 feet of pipe installation, extensive dewatering, contaminated material removal, traffic control along Roeder Avenue, deep excavation, sheet pile walls and cell installation, slide rail boring pit under the railroad, and 3,000 yards of concrete placement.

HEMINGWAY AND BLACK MESA BATTERY ENERGY STORAGE SYSTEM PROJECTS

IMCO is working to complete two different battery storage contracts in southern Idaho. The Hemingway Battery Storage Project is nearly complete. Located 30 minutes south of Nampa, this project includes the installation of 520 20,000-pound batteries that will store excess power. The project is comprised of three loops. One loop is live and undergoing testing. The other two will follow, and then the power will be grid-ready.

The Black Mesa project is located in King Hill, Idaho. It is similar to Hemingway in project scope, but on a smaller scale. The project team continues to set the batteries, which will be complete with battery cabling and commissioning by the end of August.

IMCO crane placing one of 520 20,000-pound batteries at the Hemingway jobsite.



The Black Mesa solar farm.



OXBOW HATCHERY PROGRESS

Crews at the Oxbow Fish Hatchery Renovation Project site are reconstructing a Steelhead and Chinook salmon hatchery on the Oregon bank of the Snake River. IMCO teams have recently completed the concrete pours on the aeration tower, which distributes ground water and river water to the new hatchery. Crews also completed the foundation and under slab mechanical pipe for the new hatchery building.

The team will soon be installing mechanical pipe and support beams for equipment that will go inside the tower. The new hatchery building will have an office, a salmon egg incubation room, a chiller to cool water for the eggs, and a backup generator room.

To produce the concrete needed, the team is successfully operating a manual concrete batch plant on site.

“Intern Brandon Oliphant and Batch Plant Lead Kole Chatterton have done a great job streamlining the process and developing a method for providing quality control and accurate reporting during batching operations,” said Assistant Project Manager Jake Kreglo.

The next scope of work includes construction of new fish holding ponds and a fish lift that will transport the fish to the second story of the building.

Last year, the Oxbow team created temporary walls in the existing ponds and made modifications to how the fish were transported while keeping the hatchery operational. This June, the hatchery trapped 800 Chinook salmon and stored them in the holding ponds onsite. The fish have since been transported to other hatcheries and river systems as allocated by the Department of Fish and Wildlife. The hatchery has maintained operations and will continue to use this system until the new holding ponds are complete.



HYDROGEN PRODUCTION & FUELING FACILITY

The hydrogen production facility project in Wenatchee is underway and a critical building permit was received in mid-June. Underground utilities are nearing completion and concrete foundations started in July. In August, IMCO will construct two on site utility buildings. Construction of the hydrogen building will begin in mid-September. This will include the erection of pre-cast tilt up walls. IMCO’s team is excited to work with Douglas County PUD, a new client, to produce green hydrogen.

“There is a lot of enthusiasm, surrounding this project, among the IMCO team and the greater Wenatchee Valley community. It’s an especially captivating project on the frontier of the renewable energy market, and we are passionate about delivering a high-quality facility unique to the region,” said Assistant Project Manager Brandon Wallman.

*Pictured below:
Aerial shot of the entire Hydrogen Production & Fueling Facility site where foundations and underground electrical conduit is being placed in all 3 onsite facilities.*

