

19-10-01 – Weekly Project Update

19015A – CD1 - Offsite Sewer and Water

Work on the offsite sewer and water has progressed on the health center side of the river. Major work activities being competed are the drilling and blasting for the trench rock and the required blasting for the truck fill and lift station. Due to the amount of rock that has been encountered it has taken a little longer than expected however the work is progressing well.

Over the weekend the drilling and blasting crew closed Jack River Road and competed the drilling and blasting for the pipe installation across Jack River Road. This was communicated to NHCN via community contacts as well as signage on the roadway and adds on the radio. No issues were encountered, and the road was re-opened on time. The next step of this process will be to close the road again on an upcoming weekend and complete the excavation, pipe install and backfill. This work will be clearly communicated with NHCN to ensure it doesn't interfere with any community plans.



The offsite sewer and water lift station will begin being installed this week and take about a week to get the barrel sections all in place and grouted. Once this is complete the mechanical contractor will be able

to being the mechanical works install. All shop drawings for the lift station have been approved and materials have been ordered however some are back ordered and taking longer than expected to receive. These back ordered materials should be available by the end of October.



The truck fill building and truck fill pad is one of the last major work items to be completed as part of this CD1 contract. Once the drilling and blasting is completed the piping works will be installed and then the concrete pad poured. As was discussed and approved by the engineer the truck fill building drain will be realigned and installed in the common trench with the water main servicing the building this will eliminate the need for a second trench being blasted.

19015C – CD2 – Onsite Sewer & Water

As the site continues to develop the amount of working areas continues to become smaller with the addition of material staging areas, lay down areas and onsite stockpile areas. The 19015A/ C team has been working along side with the 19015B team to ensure that there is sufficient space and laydown areas available. The parking lot pad has been expanded for additional laydown space and our initial site office trailer and storage trailers have been moved closer to the proximity of the Professional Accommodations Building. Waste material; peat and organics continue to be hauled away while a rock waste pile has been established in the cleared area behind UCN outside of the project footprint.



A detailed drilling program was completed this week for the detailed overburden depths of where the professional accommodations have been moved to and the contractor is investigating other construction techniques for the pier construction.



To date the building pad for the professional accommodations has been built to grade to allow the commencement of pier construction regardless of construction method chosen.

Other major work items that have been completed are the progression of the drilling and blasting from the mainline to the back side of the new Health Centre. This work has been completed with the addition of an additional drilling and blasting crew to ensure that the drilling and blasting schedule can be maintained.

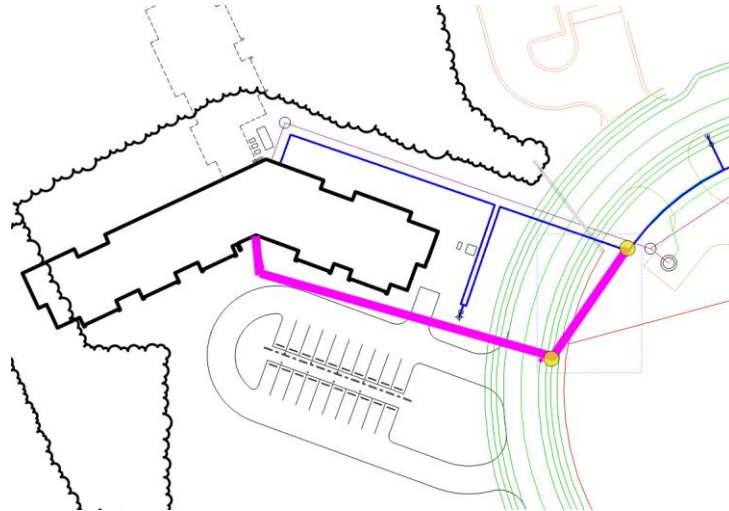


In preparation for the drilling and blasting for the balance of the onsite piping and onsite liftstation the trenches have been stripped of overburden and sloped to allow safe access for the drills and sewer and water crews.



Going forward the fusing crews will begin fusing pipe this week for both the onsite and offsite force main and watermain. This fusing should take approximately 14-20 days to complete. This will coincide with the commencement and production of the drilling and blasting.

Major issues that have been encountered is that the current design shows the location of the sewer tie in for the gravity sewer and water main at the back of the professional accommodation. Based on the alignment of the trench required for this tie in point a significant amount of drilling and blasting will be required. If the tie in point is able to be changed to the pink dotted line this would eliminate the requirement of drilling and blasting. A formal RFI is being submitted on this to LMA and JRCC.



Respectfully,

Sean Campbell
Project Manager
JNR Construction