



◇ September 5, 2018

Josh Richardson
City of Gillette Engineering Department
P.O. Box 3003
Gillette, Wyoming 82717

Re: PMS 2018 Schedule B - Project Number 18EN03: Final Completion Walkthrough, Certification Recommendation, and Warranty

Dear Mr. Richardson:

The improvements at the PMS 2018 Schedule B project have been successfully completed in substantial accordance with the plans and specifications as designed and over overseen by KLJ, as of the evening of August 21, 2018. There was miscommunication between the Contractor and Sub-Contractors with various final items needing completed to avoid enforcement of Liquidated Damages, and these various additional items were not completed until the afternoon of August 27, 2018. Another missed storm manhole was conveyed to Simon late on August 29, which they completed with extreme urgency early on August 30, 2018. Please reference the previous Final Completion Walkthrough Letter dated August 22, 2018, and Substantial Completion Walkthrough Letter dated August 6, 2018, and various correspondence relating to the City of Gillette Water Department correction items for more information.

This is submitted with the intention of achieving Final Certification for the project, as we ask for formal review for Final Acceptance by the Gillette City Council. It is our recommendation that the Gillette City Council consider the Project for approval of Final Completion, and begin the processes for Final Payment and retainage release, and the Warranty Period on Work including materials, equipment, and workmanship extending for one (1) full year from when the Gillette City Council approves the work. Upon approval the required waiting period for release of retainage will commence, and the time frame for the follow up 11-month Warranty Walkthrough will be established.

With the Working Day Contract there was one (1) additional day added to the Contract through Change Order, with a formal request in writing for six (6) days of limited work or rework due to weather previously granted, four (4) days where the Contractor was not on site due to weather not requiring a formal request, and work completed on one (1) Saturday that was considered a work day. We therefore recommend the assessment of four (4) days after the adjusted Final Completion date of August 21, 2018, which was the sixty-sixth (66) day of the contract, and four (4) days of liquidated damages are recommended to be withheld in accordance with Article 4.03 of the Agreement.

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Attached is the standard form for Certification of Final Completion for your review and approval. Simon provided the original copies of the Warranty and Affidavit items to accompany the Final Pay Application and Change Order paperwork, which was also submitted for your review and approval.

In light of the completion of the project, Josh Richardson with the City of Gillette, Greg Bowman and others with City of Gillette Water Department, Bruce Hammond and others with City of Gillette Wastewater Department, Chad Richards and Nate Wilson with Simon Contractors, Jake Tobin and others with Donkey Creek Construction, and Anthony MacDonald with KLJ, conducted a Final Completion walkthrough of the project to identify any deficiencies on the morning of August 22, 2018. Per our walkthrough letter, we established the deficient items that needed correcting immediately in order avoid Liquidated Damages and achieve Final Completion to ready the project for final payment. For reasons described previously, these items were not entirely completed until the afternoon of August 27, 2018. Additionally, the single storm manhole that was missed was completed with extreme urgency the morning of August 30, 2018. During the walkthrough, there were items that will be reviewed for further corrective action during the Warranty period (many items coincide with previous correspondence):

Final Completion items to be monitored during the Warranty Period:

1. Concrete Element Repair - The typical routing and sealing completed will be reviewed during the Warranty Period such as any cracking including, but not limited to, curb and gutter near STA 12+30 to 12+60, offset right, along Wagonhammer Lane. Also, the curb and gutter generally located near STA 300+40 along Timothy Court, offset right, where corrective epoxy grout was discussed but was not applied. Generally during the milling process there are a number of areas where similar treatment i.e. epoxy grout may be needed to repair damaged concrete curb and gutter, however the City of Gillette has decided to wait to review these during the Warranty period. One specific area was near STA 200+50, offset left, along West Timothy Street
2. Asphaltic Concrete Overlay
 - a. At the south end of South Gillette Avenue, where the new construction ties to the existing asphalt in Redwood Street, the asphalt was surface milled and sealed to complete a smoother transition. This will be reviewed during the Warranty Period.
 - b. At the south end of Wagonhammer Lane, just north of the water valve boxes near STA 22+75 there is an area that is apparently holding water that will be monitored during the Warranty Period for corrective actions.

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- c. Along East Timothy Street near STA 211+00 in the north lane of traffic there is an area that is apparently holding water that will be monitored during the Warranty Period for corrective actions. This is just outside the residence at 107 East Timothy Street.
- d. Along Timothy Court near STA 303+08 at the manhole adjustment at the end of the bulb, Simon mismarked the manhole and additional overlay was removed by Donkey Creek Construction. This small area will require minor square area of overlay and will be monitored during the Warranty Period for corrective actions.
- e. Near the south extent of the concrete sanitary sewer manhole collar along West Timothy Street near STA 201+83, there appears to be a failure of the asphalt. It was not determined if the subgrade was the cause or if there was damage upon installation of the concrete collar, however this will be monitored during the Warranty Period for corrective actions.

Anthony MacDonald, Adrienne Hahn, and Zach Field were onsite during the length of the entire construction process as part of our observation duties. Observations and testing performed by Strata and overseen by KLJ, indicate that the completed work is in substantial accordance with the plans and specifications set forth by KLJ, and the recommendations set forth by geotechnical investigation completed by Strata, and field testing performed by Strata. A revised copy of the Certificate of Final Completion is attached, and original signed copies of the Contractor's Affidavit and Contractor's Warranty were provided by Simon and are attached for your review and approval.

A complete Final Construction Report will be provided very soon for your use. While the majority of the information was previously submitted for review each week during construction, this report includes copies of pertinent construction documentation such as the Certificate of Final Completion, Substantial Completion Letters, Contractor's Affidavit, and Warranty; in addition to Pay Applications, Change Orders and related documentation, testing results, daily diary entities, field pictures, and weekly updates. This information can be requested once again at any time. Stamped hard copies and electronic copies of the Record Drawings for the project are being finally approved and will be submitted for your review and approval very soon.

We thank you once again for the opportunity to support you on this project and will look to provide the Final Engineers Report and Record Drawings as soon as possible. Hopefully this information meets with your approval, and please don't hesitate to contact us if you have any questions or concerns.

Sincerely,

KLJ



Anthony P. MacDonald, P.E.
Project Manager