



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 7/6/2022
Agenda Section: Consent Agenda

Department Origination: Public Works

Agenda Item: 2022 Trunk Highway 210 & Inglewood Drive Railway Crossing Improvements Project
Update - City of Baxter - Municipal Project No.: 4121 BMI Project No. T42.120675

Approval Required: Simple Majority Vote

BACKGROUND

Bolton & Menk is the design consultant for the City of Baxter on this Trunk Highway 210 & Inglewood Drive Railway Crossing Improvements (Inglewood Drive) project (www.inglewooddrive.com). It is one of the two components of the larger plan to establish a west reliever roadway for T.H. 371 and align Inglewood Drive to improve the northbound-southbound local movements through the city. The second component to this plan is the 2022 Foley Rd, Forthun Rd and Isle Dr Improvements project which has started construction as of end of May.

PROJECT UPDATE AS OF June 24, 2022

Agency Coordination

BNSF

The Construction and Maintenance Agreement has been signed by the City of Baxter. The Exhibit B signed easement documents, which MnDOT is waiting on, are estimated to be completed by the week of June 27th.

The public hearing for the closure of Knollwood Drive was held at the June 7, 2022 City Council meeting. This fulfills the requirements of obtaining a signed resolution from the City of Baxter by BNSF as part of the R/W process.

BNSF has coordinated internally and their local Roadmaster (Ben Peterson) hopes to get the new railroad track panel in place this fall so in the spring all they have to do is install the new concrete crossing planks. BNSF has confirmed that their signal infrastructure has been ordered as of late May. They have stated from design that they expect the signal equipment to take 180 days to obtain from the date of ordering. Therefore, we expect BNSF to have all materials in hand by December 2022.

MnDOT

It was expected to start advertisement for this TH 210/Inglewood Drive project June 26, 2022 but has since been delayed. MnDOT stated they have been working diligently to meet the proposed deadline on this project, but due to the complexity and the processes that needed to be followed to get authorization and approvals, they couldn't meet the deadline (Thursday, June 23 at 3pm, Brainard Dispatch) that we gave them for us to be able to advertise on said date.

Since the past deadline for posting in the Brainard Dispatch passed, we have received authorization to bid as of Friday, June 24. Pending the amendment resolution per the 429 process, advertisement will be starting July 6, 2022 for a bid opening on August 1, 2022.

Per the current project schedule status update, we don't see much of a threat of delay and/or extension to the project since minimal work is expected this fall with the majority in the spring of 2023. Material lead times are the critical path for the construction schedule which will all be absorbed during the winter months

Federal Aid

Federal Aid gave the project authorization to bid on Thursday, June 16. However, as stated previously, the overall authorization deadline for advertisement by MnDOT was not achieved.

Design

Coordination with Crow Wing Power has continued for the number of new meters that will be needed. It is expected that a new meter will be needed at the intersection of TH 210/Knollwood Drive on the TH 210 lighting system, the meter at the intersection of TH 210/Inglewood Drive will be recycled from the existing lighting today and replaced with the powering of the new signal system, and it is expected that a new meter will be placed near the proposed BNSF service hut on Inglewood Drive, just south of the railroad tracks. Crow Wing Power has assembled a bidding package for potential bidders that would be merged into the contractor's bids since the plan is that the roadway contractor will construct and coordinate all of the lighting system infrastructure.

See below for the bid package prices:

Knollwood/210 lighting service No charge/use existing service

Electrician to provide meter loop w/ disconnect on existing transformer pole

Inglewood/210 Stop lights No charge/use existing service

Electrician to provide meter loop w/disconnect on existing transformer pole

BNSF Signal Hut \$500

Electrician/BNSF to provide new meter ped w/ disconnect next to transformer

Foley/Knollwood Roadway Lighting \$3230

Replace ex light w/ led-add new pole and led light(Done by CWP)

Fairview/Knollwood Roadway Lighting \$3475

Replace ex light w/ led-add new pole and led light(Done by CWP)

Schedule

See attachment for specific details.

FINANCIAL IMPLICATIONS

In the June project update, a contract amendment was presented. As stated in the project Request for Proposals (RFP), certain tasks were designated to be negotiated prior to construction and weren't included in any competing or original Bolton & Menk proposal. Certain construction tasks such as surveying, bidding support, and construction materials testing were undetermined as to how the exact task scope was going to be defined. Now that the project has a defined footprint and entering into the construction phase, they can be specified as to what needs to be completed to fulfill the project. Most of those items were split out and compiled into Amendment #5 due to time sensitivity with construction already in progress. The City Council approved Amendment #5 at the June 21, 2022 meeting.

The original entire amendment letter, which was split into two per the City's request, included the recently approved Amendment #5 tasks along with the following: additional design, engineering, financing, construction administration and observation, and project management items. **These additional items that weren't time sensitive and needed further documentation per the city's request are included in this Amendment #6.**

The total amendment amount that Bolton & Menk is seeking for this Amendment #6 is \$179,702 for a total not to exceed contract amount of \$1,126,552. Total budgeted amount for engineering and construction observation services between both the Foley Road and T.H. 210/Inglewood Drive projects is \$1,228,570. This number is based

on the City standard typical of 22% of the estimated total construction costs which is \$5,584,412. Therefore, with the entire amendment request, if fully granted, project engineering and construction observation costs would still be 1.9% or \$102,018 below budget.

Original Contract Amount: \$511,305

Amendment #1 – Communications due to COVID-19 and Feasibility Report Update: \$30,760

Amendment #2 – Glory Rd/Isle Drive ICE Report: \$18,086

Amendment #3 – RCI, BNSF/Benesch Contract, Mini-RAB Incorporation: \$137,424

Amendment #4 – Right of Way Services-Evergreen: \$78,785

Amendment #5 – Construction Services: 1st Revision: \$170,490

STAFF RECOMMENDATIONS

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COUNCIL ACTION REQUESTED

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