



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 6/5/2024
Agenda Section: Information Only

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: No Action Required

BACKGROUND

Bolton & Menk is the consultant engineer 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 Road, Forthun Road and Isle Drive Improvements project which started construction May 2022, was substantially complete on October 28, 2022, and was completed on October 13, 2023.

Schedule

The Inglewood Drive and TH 210 traffic signal was activated and Inglewood Drive from TH 210 to Foley Road was opened on July 11, 2023. The Reduced Conflict Intersection (RCI) on TH 210 at Knollwood Drive was completed on August 11, 2023, and lane restrictions on TH 210 removed. Punchlist items and traffic control additions approved in October were completed on October 27th.

With the drainage flow issue that has been shared at the past few updates, MnDOT has directed the City to implement Change Order No. 4 of installing catch basins within the intersection to address this issue. Anderson Brothers has agreed to complete this by the end of June 2024. Project close-out will begin immediately after.

FINANCIAL IMPLICATIONS

Following award of this TH 210/Inglewood Drive project, MnDOT notified the City that an additional \$650,915.40 of Federal Funds is available to be used on the project. The amended Cooperative Agreement between MnDOT and the City of Baxter was approved by City Council on November 1, 2022.

The City originally approved \$1,438,953.00 of State Aid funds for use at the time of award but later was told that only \$1,002,272.65 is state aid eligible. Since other forms of funding already address certain eligible areas, it negates the ability to extract state aid. Acceptance of the additional federal funds was a main cause in the decrease in eligibility. Since being told of the loss of the State Aid funds, following the approval of the federal funds, the project team questioned the 25% eligibility of engineering reimbursement for the Trunk Highway areas. MnDOT is only contributing 8% of construction administration while the federal funds are not eligible for engineering or construction administrative expenses. Therefore, State Aid should have been eligible, for up to 25% of those funding areas, for engineering and construction administrative costs. MnDOT State Aid just confirmed on April 20, 2023 that the project can be awarded those additional funds, following a formal advancement request by the City, which total \$289,286.21.

From the past few updates, the financials have only changed from received BNSF invoices and this upcoming Change Order No. 4. Current project contributions after applying the additional federal and state aid funds are:

TH 210/INGLEWOOD PROJECT	
COMPARISON OF TOTAL PROJECT COMPENSATIONS TO DATE	
Actual Bids (8/1/22)	
CITY	\$1,709,781
MnDOT	\$1,100,000
MnDOT (RCI)	\$568,441
FEDERAL	\$603,900
TOTAL	\$3,982,122
Current Agency Splits	
CITY	\$1,252,636.31
MnDOT [#]	\$1,003,615.68
MnDOT (RCI)	\$589,037.49
FEDERAL	\$1,254,815.40
TOTAL	\$4,204,111.00
[#] Max Cap Amount Available for Project (\$1,100,000)	
State Aid Funds	
S.P. 230-107-003 (25% Engineering)	\$99,338.77
S.P. 230-121-001 (25% Engineering)	\$142,791.04
BNSF 40-Year Maintenance	\$645,910.00
State Aid Eligible Construction	\$114,232.84
Trunk Highway Portion (25% Engineering)	\$289,826.21
State Aid Funds TOTAL	\$1,292,098.86
CITY COSTS LEFT OVER (Pre-Assessments)	-\$39,462.55

The overall project budget and status of project cost is as follows:

TH 210/INGLEWOOD PROJECT				
COMPARISON OF TOTAL PROJECT COSTS TO DATE (CITY)				
Item Description	Feasibility Report (9/21/21)	Actual Bids/Award (9/6/22)	Expected Total Costs (Today)	Current Total Cost (Today)
CONSTRUCTION COSTS	\$1,196,800	\$2,127,824.00	\$2,351,623.60	\$2,282,992.28
BNSF Surface Crossing Construction	\$100,000	\$104,918.00	\$104,918.00	\$112,431.02
BNSF Signal Crossing Construction	\$441,600	\$453,259.00	\$453,259.00	\$389,995.06
Preliminary Construction Contingencies (10%)	\$114,700	N/A	N/A	N/A
Considerations for COVID-19 during Design (Street Only) (10%)	\$114,700	N/A	N/A	N/A
Contingency (5%)***	N/A	\$107,983.34	N/A	N/A
TOTAL CONSTRUCTION COSTS	\$1,967,800	\$2,793,984.34	\$2,909,800.60	\$2,785,418.36
Engineering and Construction Administration (22%)	\$302,800	-	-	-
Legal and Other Costs (2%)	\$27,600	-	-	-
Administration (2%)	\$27,600	-	-	-
BNSF Easement	\$50,000	\$57,065	\$57,065	\$57,065
BNSF 40-Year Maintenance	\$800,000	\$645,910	\$645,910	\$645,910
WSN Feasibility Study	-	\$21,318	\$21,318	\$21,318
BNSF Engineering	-	\$16,110	\$16,110	\$16,110
BNSF Flagging	-	\$48,000	\$48,000	-
Administration	-	\$27,600	\$27,600	\$27,600
Legal, Bonding, and Other Costs	-	\$27,600	\$27,600	\$27,600
Bolton & Menk Engineering/Construction Admin Contract	-	\$344,535	\$576,107	\$582,109
MnDOT IA Inspection Costs	-	-	\$673.27	\$673.27
MnDOT Supplied Signal Cabinet	-	-	\$40,307	\$40,307
TOTAL OTHER COSTS	\$1,208,000	\$1,188,138	\$1,460,690	\$1,418,693
TOTAL PROJECT FEES	\$3,175,800	\$3,982,122.34	\$4,370,490.87	\$4,204,111.00
	Items Not Included			
Knollwood/Foley Intersection	\$192,350			
Revised Total	\$3,368,150			
***Contingency includes BNSF Signal Crossing Costs, BNSF Surface Crossing Costs, Construction Costs minus RCI				

These funding numbers include the \$20,039.65 of the last BNSF Invoices, \$75,022.27 of Change Order No. 4, and the \$6,002 for the 8% in construction administration on this new change order that will be amended to the Bolton & Menk contract. Including all of these recent expenses, below are the current project contingencies.

TH 210/INGLEWOOD PROJECT	
CITY OF BAXTER PROJECT COST SUMMARY	
TOTAL CITY COST	\$1,252,636.31
STATE AID ADVANCEMENT	\$1,292,098.86
ASSESSMENTS	\$149,965.80
REMAINING LOCAL COST	(\$189,428.35)
TH 210/INGLEWOOD PROJECT	
PROJECT CONTINGENCY	
TOTAL MNDOT**	\$42,769.69
TOTAL CITY	\$189,428.35
TOTAL PROJECT	\$232,198.04
**RCI PORTION IS NOT CAPPED. CONTINGENCY SHOWN IS CAPPED AMOUNT OF PROJECT.	

STAFF RECOMMENDATIONS

None, for information only.

COUNCIL ACTION REQUESTED

None, for information only.