



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 6/5/2024
Agenda Section: Business Item

Department Origination: Public Works

Agenda Item: Approve Anderson Brothers Construction Change Order No. 4 in the amount of \$75,022.27 for 2022 Trunk Highway 210 & Inglewood Drive Railway Crossing Improvements Project Update - City of Baxter - Municipal Project No.: 4121

Approval Required: Simple Majority Vote

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 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 27, 2023.

With the drainage flow issue that has been shared at the past few updates, MnDOT has directed the City to implement this 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

Change Order No. 4 has been submitted to MnDOT for compliance with State and Federal Aid Rules and Policies. The City has approval that the proposed items meet State and Federal Aid Rules and Policies and have received from MnDOT approval of Change Order No. 4 work being eligible for Federal and State Funding. As part of this increased cost that is State and Federally eligible, an additional 8% of the \$75,022.27, for a total of \$6,002 will be paid to the city per the Cooperative Agreement for construction administration purposes.

Because this is an increased scope to the project, design and construction administration services will be needed, the additional 8% of payment to the city (\$6,002 total) will be amended to the Bolton & Menk engineering contract.

Current project cost participation including this approved Change Order No. 4 and the 8% construction administration is:

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

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

Staff recommends approval of Change Order No. 4 in the amount of \$75,022.27 along with the 8% construction administration to Bolton & Menk in the amount of \$6,002.

COUNCIL ACTION REQUESTED

MOTION to approve Change Order No. 4 in the amount of \$75,022.27 along with the 8% construction administration to Bolton & Menk in the amount of \$6,002.