

**LRB- RESEARCH AND ANALYSIS SECTION**

**PUBLIC WORKS**

**MAY 29, 2008**

**ITEM 19, FILE # 080174**

**File # 080174 is a resolution authorizing the Commissioner of Public Works to execute Revised Project Agreements with the Wisconsin Department of Transportation for replacement of the Humboldt Avenue Bridges over Commerce Street and the Milwaukee River. The “State/Municipal Agreement for a Highway Improvement Project” is part of the Local Bridge Replacement Program, which provides 80% federal/state funding with 20% City participation.**

**Background and Discussion**

1. File #991756 and #991981 authorized the execution of Project Agreements for preliminary engineering studies on the Humboldt Avenue Bridges over Commerce Street and the Milwaukee River respectively.
2. File #041494 (Milwaukee River) and #041495 (Commerce Street) authorized additional preliminary engineering expenditures along with the execution of Revised Project Agreements. The Revised Project Agreements are executed to assure WisDOT participation based on conceptual plans and approximate square foot construction costs.
3. File #060901 (Commerce Street) and #060902 (Milwaukee River) authorized the execution of Revised Project Agreements for the Humboldt Avenue Bridges for the purpose of including real estate costs. At this point in time, design and design review costs, preliminary construction numbers and real estate costs have been accounted for, resulting in City participation of \$790,200.
4. This resolution, file #080174, authorizes the execution of Revised Project Agreements to account for final design construction costs on the Humboldt Avenue Bridges over both the Milwaukee River and Commerce Street. Final 2008 construction costs versus preliminary 2004 numbers are delineated below:

BRIDGE	2004 Preliminary	2008 Final	Total Increase	City Increase
Milwaukee River	\$1,950,000	\$4,513,845	\$2,563,845	\$512,769
Commerce Street	\$1,035,000	\$3,585,675	\$2,550,675	\$510,135
Non-Part. Costs		\$3,258	\$3,258	\$3,258
Totals			\$5,117,778	\$1,026,162

Previously anticipated city participation and final design numbers results in total city participation of \$1,816,362. A significant portion of the total cost increase is attributed to the inclusion of retaining walls between the 2 bridges, the costs of which had become eligible for 80% federal/state funding. Higher fuel, concrete and steel costs, utility accommodations and aesthetic improvements were also factors in the higher final constructions numbers.

**Fiscal Impact**

1. This resolution has no fiscal impact. Construction costs based on final design plans and corresponding increased City participation has been accounted for in the 2008 Department of Public Works budget. Funding for these construction costs are included as part of Item #4, File #080124 of today's Public Works Committee meeting.

Prepared by: Michael Talarczyk, ext. 8661  
LRB-Research and Analysis Section  
May 28, 2008

Cc: Marianne C. Walsh  
Jeffrey Mantes  
Jeffrey Polenske  
Clark Wantoch  
Mark Nicolini  
Craig Liberto