ITEM REQUIRING BOCC APPROVAL
(1 Item)

1. CHANGE ORDER #1, BRIDGE IMPROVEMENTS -- PUBLIC WORKS
FUNDING - B462 BIKE/PED WVCFC

RFB #15-0109 S/C#

Meridian Between 63rd & 71st Street South (B-462)	Unit Price	**Wildcat Construction Co., Inc.**
Lump Sum, Traffic Control		**$3,000.00**
321 Lbs, Structural Steel (A588)(Gr 50W)	$371.00	**$118,770.00**
1,370 Lbs, Structural Steel (A709)(Gr 36)	$5.00	**$6,850.00**
11.63 Sq. Ft., Web Replacement	$7,571.50	**$88,056.55**
Total Amount		**$216,676.55**

On the recommendation of Kristen McGovern, on behalf of Public Works, Tim Kaufman moved to **accept the change order in the amount of $216,676.55 with Wildcat Construction Co., Inc.** Jennifer Dombaugh seconded the motion. The motion passed unanimously.

All items being modified or added are due to finding hidden damage during the repair process. These items must be fixed to maintain the structural integrity and safety of the bridge.

Note: Original P.O. # 4300035791 was for $994,471.04. This change order for $216,676.55 represents a 21.79% increase to the original contract.

Traffic control is provided to the prime contractor by a subcontractor. The subcontract is based on the length of time for which the traffic control signage is required. The cost of traffic control is increasing because of the extra time required to make the structural steel repairs.

There are two types of structural steel required to make the repair. This includes the work and equipment required (welding for example) to make the repairs. In many cases, the repair is a rectangular plate welded over a hole in the beam. In the web (vertical part of an I beam), the patch must be cut to precisely fit in the hole of the beam and then welded in place from both sides. This is the work that is referred to as web replacement. Web replacement must also be x-ray inspected by a certified subcontractor.

Questions and Answers

Linda Kizzire - I was curious what the engineer's original estimate for this project was?

Kristen McGovern - I have that. The engineer's estimate for this project was $1,151,250.50.

Linda Kizzire - Jim, is there a reason why all this wasn't found in the original proposal?

Jim Weber, Deputy Director of Public Works - The process is that this is based on a pretty comprehensive bridge inspection, but what we have gotten to was…these beams…the webs, they are like 1/2" thick, so you would be looking at the beam and you would see rust on there and scale but as an inspection you don't pull all that apart. We've gotten into construction and this involves sand blasting and really cleaning all this stuff up, and in that process the scales can come off until at some point you literally have a hole in the beam, and you work it from both sides. Could you have found it? You would have to tear the bridge apart to do that, which would have been pretty hard to do.