



**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**99-521**

**SYNOPSIS -**

**AGENDA:**  
  
DECEMBER 6, 1999

On February 1, 1999, by Roll Call No. 99-300, City Council approved a Pre-Construction Agreement with the Iowa Department of Transportation (IDOT) for milling, patching, and full-width Asphaltic Cement Concrete (ACC) resurfacing of U.S. 6 (Douglas Avenue) from 34th Street to Beaver Avenue. The City's obligation under the terms of this agreement would be to pay for curb and intake repairs within the project limits at 100 percent City cost. The estimated cost to the City for curb and intake repairs included in the agreement was \$6,950. Upon completion of the project based on final quantities of curbs and intakes rebuilt at the unit bid costs, the final cost to the City is now \$88,648 and has been invoiced by IDOT to the City.

**SUBJECT:**  
  
U.S. 6 (DOUGLAS AVENUE)  
RESURFACING  
FROM 34TH STREET  
TO BEAVER  
AVENUE

**TYPE:**

**FISCAL IMPACT -**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

Funding for this project will come from the Concrete Curb and Median Island Replacement Program in the Capital Improvements Budget.

**SUBMITTED BY:**

**RECOMMENDATION -**

FLOYD BENTZ, P.E.  
CITY ENGINEER

**Approval.**

**BACKGROUND -**

On February 1, 1999, by Roll Call No. 99-300, the City Council approved a Pre-Construction Agreement with IDOT for milling, patching, and full-width ACC resurfacing of U.S. 6 (Douglas Avenue) from 34th Street to Beaver Avenue. Under the terms of the agreement, the City is responsible for replacement of damaged curb and reconstruction of storm water intake structures.

The unit costs for these repairs was not included in the estimated cost in the Pre-Construction Agreement, but the total cost was estimated to be \$6,950. This cost was for an estimated 100 lineal feet of curb repair and five storm water intakes. The unit bid prices for these items far exceeded IDOT's estimate. In addition, the number of intakes which needed to be reconstructed exceeded the initial estimated quantity. The final number of intakes that have been reconstructed is 16 and the amount of curb replaced is 40 lineal feet.

The main reason for the final costs to have increased so dramatically over the initial estimate, however, was the high unit bids that IDOT received for these items. Curb replacement was bid at \$236.20 per lineal foot and the Intake Rebuilding As Per Plan was \$6,600 each. Once construction had begun, a closer inspection of the existing intake structures determined that additional intakes needed to be rebuilt in addition to what had been estimated on the plan. Therefore, IDOT negotiated a change order to reconstruct eight additional intakes at \$3,300 each which was one-half the original unit bid price.

The final invoice for this work has now been received from IDOT and payment needs to be authorized by Council in the amount of \$88,648 to be funded from the Concrete Curb and Median Island Replacement Program in the Capital Improvements Budget. The total construction cost for IDOT was \$494,698 on this project.