

SUBJECT: Contract Amendment for Frontier Excavating, In The Amount of \$34,690.66 for the Parks Highway-Alaska Railroad Bored Casing.

REQUESTED BY: Public Works

PREPARED BY: Public Works

DATE: October 15, 2001

FOR AGENDA OF: October 22, 2001

SUMMARY: Frontier Excavating is under contract for the Parks Highway-Alaska Railroad Bored Casing, as part of the West Parks Highway Water Main Extension. The original contract amount for the bored casing is \$87,825. The contract amendment is needed to cover costs incurred by differing site conditions.

DISCUSSION: This project required the installation of 205 feet of bored casing under the Parks Highway and Alaska Railroad for the installation of water main. The bid package included soil borings that showed the contractor could expect to encounter a boulder while boring. Frontier Excavating bored the first 160 feet without incident. Then a boulder was encountered. This required someone to enter the casing with a jackhammer and chisel away at the boulder. Two more boulders were encountered and removed with the jackhammer. Another boulder was encountered and the auger became stuck. The highway needed to be excavated to remove the auger and complete the boring. Based on the original soil borings in the design, multiple boulders are considered a differing site condition, beyond what is expected during bidding.

Frontier Excavating completed the project in a satisfactory manner and kept the water main project on schedule. With the contract amendment, the total cost of the bored casing is \$122,515.66. This cost is less than the engineer's estimate (\$158,876) for the bored casing.

FISCAL IMPACT: No X Yes, amount requested: \$ 34,690.66

Fund: 32-55-691-865-06

RECOMMENDED ACTION: Council is requested to authorize the amendment of the Parks Highway-Alaska Railroad Bored Casing Construction Contract in the Amount of \$34,690.66 for differing site conditions.

Don Shiest will further explain the request.



Reviewed by: SARAH PALIN, Mayor

Presented to council on 10/22/01
Action taken: Approved Denied
other: _____
Verified by KS