
MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Director of Public Works

Date: July 28, 2014

Subject: **Approval of Contract for Full Depth Reclamation and Paving of the Dunwoody Senior Baseball Parking Lot**

BACKGROUND

The City Council allocated \$100,000 in the 2014 budget for parking lot resurfacing at Dunwoody Park. An evaluation of the pavement at the park indicated that full depth reclamation would be the optimal resurfacing method based on the extensive cracking and minimal pavement thickness that currently exists. Full depth reclamation is a process whereby the existing pavement is completely pulverized and mixed with the underlying soil. Cement is added to the soil-aggregate mixture to form a stabilized base which is overlain with new asphalt pavement.

On July 9th, the city received the following bids for full depth reclamation and paving of the Dunwoody Senior baseball parking lot:

1.	Stewart Brothers	\$151,456.25
2.	Blount Construction	\$156,062.50
3.	Sunbelt Asphalts	\$164,931.25

Subsequent to the initial discussion at the July 14th council meeting, staff has negotiated a quote of \$128,000 with Stewart Brothers. Because this figure is still above the budget amount, staff has considered an alternative to patch and overlay the existing asphalt using unit prices from the current paving contract with Allied Paving. At the time of this writing, the written estimate has not been received from Allied but the cost is expected to be within the original budget.

While not as comprehensive a repair as full reconstruction, staff has estimated the life cycle costs of both options to be roughly equivalent. Reclamation would result in a completely new pavement but at a higher initial cost. Patching and overlay would have a lower initial cost and would result in a thicker (stronger) pavement. However existing cracks in areas that do not require deep patching will eventually reappear. The effect of the cracks on the pavement life can be mitigated with future crack sealing.

RECOMMENDED ACTION

Staff requests authorization to add patching and overlay of the Dunwoody Senior Baseball parking lot to Allied Paving's existing unit price contract provided that the total cost is within the existing budgeted amount.