



**CITY OF WASHINGTON, ILLINOIS**  
**Committee of the Whole Agenda Communication**

**Meeting Date:** 05-10-2021

**Prepared By:** Kevin Schone – Public Works Director

**Agenda Item:** Asphalt Paver Purchase Consideration

**Explanation:** The FY 21/22 budget allows for the purchase of an asphalt paver to complete asphalt paving projects in-house rather than contracting with a private company.

**Fiscal Impact:** \$200,000.00 budgeted in account #502-000-800-1500

**Recommendation/**

**Committee Discussion Summary:** The Street Department has been completing asphalt paving projects the past two seasons with a rented paver at approximately \$12,000 each year.

The most recent Hilldale project lists in line paving of asphalt at \$120/ton. Other projects like edge milling are close to \$150/ton. The 21/22 Commodities bid with River City Supply for asphalt is \$73/ton and \$75/ton with Tazewell County Asphalt, with both companies being approved for purchase of asphalt. Staff feels these prices, with city crews performing paving work themselves, will save taxpayers thousands of dollars when doing edge of pavement paving, overlaying city streets, alleys, and cemetery roads. Any roads paved by city crews would also see savings by prolonging edge milling and sealcoating.

Project considerations over the next two years will use approximately 941 tons of asphalt. This equates to \$42,345 in savings if using Tazewell County Asphalt and slightly more if using River City Supply (UCM), when compared to the in line paving cost mentioned above. Staff also plans to get out ahead of the sealcoat program and have crews perform the 3' edge milling and paving work to save cost and make MFT dollars go further.

The 2020 Weiler paver being considered for purchase has 160 demo hours and would have a 12-month warranty. If approved, it would be purchased through Sourcewell, which satisfies the competitive bidding requirements. The City of Washington has been a member of Sourcewell for approximately 5-6 years and has purchased equipment numerous times through them, most recently the generator at the fire department. Sourcewell is a public agency that offers competitively solicited purchasing contracts for products and equipment to member agencies, so members don't have to duplicate the solicitation process. If Council chooses not to purchase this paver and opt for one with no hours, the lead time would be

approximately 26 weeks. We would also then incur the \$12,000 rental fee to complete work this FY.

Council could consider a used paver to reduce cost, however there would not be a warranty with a used paver. Many of the used pavers evaluated had more hours than crews would normally use over a five-to-ten-year period.

The Weiler paver, if purchased, would be expected to last 20-30 years when maintained properly. The city can expect to save \$30,000 over the next twenty years and \$45,000 if kept for thirty years by purchasing rather than renting. This would be if rental costs remained steady over this same period and does not include monies saved by the projects being done in-house rather than with a contractor like those mentioned above.

The paver, if approved, is an expensive piece of equipment, but not the most expensive when compared to the street sweeper (\$300,000) or Vac Con Hydro-excavator (\$500,000). All of these pieces of equipment, among others, are to complete work that is important to the residents and show we are working hard to make improvements for them.

**Action Requested:** Direction on whether or not to move forward to the City Council meeting of Monday May 17, 2021.