

made. The Project includes closed-drainage piping, curb and gutter upgrades, utility line upsizing, and relocations to accommodate the widened roadway. The estimated roadway construction cost estimated by LEA is \$3,867,491. The cost for overall construction management by LEA during the construction is \$349,320. Again, all these expenses are reimbursable under the TIA agreement with GDOT. Pat Collins, City Engineer, recommended that Council approve an amendment to the Contract with Lovell Engineering Associates (LEA) in the amount of \$349,320 for construction management of the Old Clyattville Road Widening Improvements.

**A MOTION** by Councilman Carroll, seconded by Councilman Norton, was unanimously adopted (7-0) to approve an amendment to the Contract with Lovell Engineering Associates (LEA) in the amount of \$349,320 for construction management of the Old Clyattville Road Widening Improvements.

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| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>                                   |
| <b>MOVER:</b>    | Tim Carroll, Councilman - District 5                         |
| <b>SECONDER:</b> | Ben H. Norton, Councilman - At Large                         |
| <b>AYES:</b>     | Miller-Cody, Tooley, Vickers, Howard, Carroll, Gibbs, Norton |

**Consideration of a request to purchase a new Vanguard Belt Screen for the Mud Creek Wastewater Treatment Plant.**

David Frost, Utilities Director, stated that the Mud Creek Wastewater Treatment Plant utilizes two Vanguard Belt Screens in its pre-treatment process. Designed and manufactured by Nuove Energie USA, Inc., these mechanical screens are installed at the influent to the Treatment Plant to remove large objects such as rags, plastics, and other debris from wastewater. The first screen was upgraded in 2021 and has since shown major improvements to the screening process. The second screen currently has a designed capture ratio of approximately 33%, which results in unscreened debris passing through its system. This debris clogs up pumps and basins further along in the Treatment Plant increasing maintenance costs and undermining the treatment process. Given the low capture ratio of debris and related maintenance issues, Staff determined the best option to increase screening efficiency would be to upgrade the old 6mm belt screen to a more effective 3mm belt screen. As with the first screen’s upgrade, the second screen’s upgrade will increase the capture ratio from 33% to 53% greatly reducing the pass through of larger debris. The result will be much less debris clogging up the downstream components of the Treatment Plant. Based on the results from the new screen, Staff is confident that maintenance and operational costs will be lowered, and the overall treatment efficiency will increase. Nuove Energie USA, Inc. is the sole authorized distributor of Nuove Energie factory replacement parts for the entire State of Georgia. The cost of purchasing the new higher efficiency belt screen will be \$85,500 which includes shipping. David Frost, Utilities Director, recommended that Council approve the purchase of the new belt screen in the amount of \$85,500 from Nuove Energie USA, Inc.

**A MOTION** by Councilman Norton, seconded by Councilman Gibbs, was unanimously

Minutes Acceptance: Minutes of Feb 24, 2022 5:30 PM (Minutes Approval)