



## ENGINEERING & ENVIR. SVCS. DEPARTMENT

Hameed Malik, Ph.D., P.E., Director

### MEMORANDUM

**TO:** Ms. Geri Sams, Director - Procurement

**FROM:** Hameed Malik, Ph.D., PE, Director- Engineering & Environmental Services

**DATE:** Friday, May 3, 2024

**SUBJECT:** **Aggregate Material Need at the Landfill**  
**Augusta's Projects Generated Concrete Waste Recovery to Aggregate Material**  
**Thompson Building Wrecking Company Contract – Bid 21-160**  
**Funds Addition**  
**File Reference: 24-014(A)**

This memo is to render a justification for aggregate material recovery at the Augusta Deans Bridge Road Solid Waste Facility (Landfill) under Bid 21-160, 401 Walton Way Demolition. Thomson Building Wrecking Company, Inc. (Thomson) is under contract for demolition of the Augusta-owned 401 Walton Way structure. Bid 21-160 demolition included crushing and disposal of concrete material. Such crushed material is frequently needed at the Augusta Deans Bridge Landfill. Augusta Engineering (AE) downtown roadway improvements projects provided a second opportunity for receiving uncrushed concrete at the landfill. The following paragraphs state the reasoning for using Thompson services that yielded significant saving in aggregate material purchase.

The Landfill is frequently in need of aggregate materials for building and sustaining temporary and permanent roadways at the landfill to ensure all weather access for customers. Such access is a landfill regulatory permit compliance requirement. Historically, those materials are purchased from Martin Marietta quarry on Riverwatch Parkway where costs are incurred for both the material and for hauling to the landfill. As a cost reduction measure, AE explored options taking advantage of the aggregate material generated from multiple projects in Augusta-Richmond County. The first project was demolition of the Augusta 401 Walton Way structure. Aggregate material resulted from demolition and processing of an Augusta-owned asset so there was no cost for the material but there would be some cost for transport to the Landfill. Likewise, aggregate materials resulting from downtown roadway improvements projects had the potential to generate both large, bulky materials as well as processed aggregate materials. These materials, resulting from Augusta-owned public assets, were also free of charge as well as free of transport costs to the landfill (as part of the roadway project contracts). However, there would be costs associated with processing those materials into different sizes once at the landfill. Since Thompson was already under contract with Augusta, Georgia through Central Services Department for the 401 Walton Way Demolition project, it was cost effective timely measure for AE to work through the existing contract to obtain the surplus aggregate material from the 401 Walton Way project and to process the sidewalk and roadway project materials at the landfill, using the same crusher equipment used at the 401 Walton Way, once that project was completed. Cost incurred is on-site crushing charges and determined at its completion. Funds addition to 21-160 PO is to pay this on-site crushing charges.

Thank you.

/hm

cc: Darrell White & Nancy Williams, Procurement Department  
Oscar Flite and Walt Corban, AE / File

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