



## Committee Meeting

Meeting Date: September 10, 2024

Pavement Management System and Preventive Maintenance Solutions

For Augusta Roadway Infrastructure

RFQ 21-242

File Reference: 24 – 014(A)

---

<b>Department:</b>	Engineering & Environmental Services
<b>Presenter:</b>	Dr. Hameed Malik, Director
<b>Caption:</b>	Approve supplemental funding (SA2) for continued roadway pavement assessment & asset Inventory data verification and analysis to Infrastructure Management Services (IMS) in the amount of \$189,000.00 for Augusta Roadway Infrastructure Pavement System Assessment and Preventive Maintenance Solutions Professional Services Agreement. AE/ RFQ 21-242
<b>Background:</b>	Augusta Engineering (AED) is actively seeking data-driven decision-making processes for implementing a proactive Pavement Management Program (PMP). Since 2019, AED reviewed various pavement management technologies and discussed implementation options with subject matter experts (SME). AED Current PMP is budget driven. Total miles of road paved per year are subject to budget availability. AED maintains road paving list and set paving priority based on road conditions, safety and use. List consists of roads identified by AED, neighborhood representatives, Augusta Commissioners, and area other elected officials. In 2021, AED transitioned to PMP utilizing outsourced pavement data collection process for pavement condition index that can be used prioritizing road resurfacing and pavement preservation to enhance recently paved or constructed road good life. On April 19, 2022, Augusta Commission awarded these specialized services agreement to Infrastructure Management Services (IMS).
<b>Analysis:</b>	On April 19, 2022, Augusta Commission awarded roadway pavement condition assessment & asset inventory specialized services contract to Infrastructure Management Services (IMS). First phase of field data collection is complete, however, data quality assurance/quality control review revealed that additional field verification and data analysis is warranted. In addition, since collection of first data set, new tools/technology with enhance pavement data evaluation capabilities become available and utilizing these new tools/technology is beneficial & cost effective for continuity of Augusta Pavement Assessment & Preventative Maintenance.

**Financial Impact:** Funds in amount of \$189,000.00 available in Engineering SPLOST8-road resurfacing funds.

**Alternatives:** No alternate proposed. Continuity of services is essential for completing Augusta's Roadway Pavement Management Program.

**Recommendation:** Approve supplemental funding (SA2) for continued roadway pavement assessment & asset Inventory data verification and analysis to Infrastructure Management Services (IMS) in the amount of \$189,000.00 for Augusta Roadway Infrastructure Pavement System Assessment and Preventive Maintenance Solutions Professional Services Agreement. AE/ RFQ 21-242

**Funds are available in the following accounts:** (\$189,000) 330-041110-54.14110 / 222830908-54.14110 - SPLOST 8-Roadway Resurfacing

**REVIEWED AND APPROVED BY:** HM/sr