



## **Engineering Services Committee Meeting**

Meeting Date: September 29, 2026

Rhythm Engineering Rhythm Systems Technical Support  
& Software Update for Richmond County Traffic ITS Program

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| <b>Department:</b>       | Engineering & Environmental Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Presenter:</b>        | Dr. Hameed Malik, Director                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Caption:</b>          | Approve funding in the amount of \$41,000.00 for the continued provision of Rhythm Engineering Technical Support and Software Services through a sole-source procurement for Richmond County's Traffic ITS Operations, including the operation and maintenance of the Rhythm In-Sync Adaptive Signal Timing System. Also, approve the annual continuation of Rhythm Engineering services to ensure ongoing system support, maintenance, and operational continuity. /AE.                                                                                                                                         |
| <b>Background:</b>       | Rhythm Engineering is sole provider of this system and associated technical services and software upgrades. The Augusta Traffic Engineering existing ITS operations supported by Rhythm InSync adaptive signal control system. This system, along with the TE network has greatly improved Augusta ability to enhance traffic safety and flow throughout Richmond County. It has also helped tremendously with the annual Masters Golf Tournament held each April. Much of the hardware and software that currently runs on our traffic signals network need continuous technical support and software upgrades. |
| <b>Analysis:</b>         | The Augusta Traffic Engineering existing ITS operations supported by Rhythm InSync adaptive signal control system. This system operation & maintenance require continuous technical support services and associated software upgrades. Rhythm Engineering is sole sour provider of these services and offer such services on annual contract basis. No other options are offered.                                                                                                                                                                                                                                |
| <b>Financial Impact:</b> | SPLOST 8- Traffic Safety Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Alternatives:</b>     | Not proposed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Recommendation:</b>   | Approve funding in the amount of \$41,000.00 for the continued provision of Rhythm Engineering Technical Support and Software Services through a sole-source procurement for Richmond County's Traffic ITS Operations, including the operation and maintenance of the Rhythm In-Sync Adaptive Signal Timing System. Also, approve the annual continuation of Rhythm Engineering services to ensure ongoing system support, maintenance, and operational continuity. /AE.                                                                                                                                         |

**Funds are available in (\$41,000) (\$41,000) 330-041110-54.24120 / 222830909-54.24120 - SPLOST 8-**  
**the following accounts:** Traffic Safety Operations

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