



## City of Gainesville Agenda Item Report

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**File Number:** 2024-538

**Agenda Date:** July 18, 2024

**Department:** Public Works Department

**Title:** 2024-538 Decision Optimization Technology (DOT) Software for Infrastructure Asset Management (B)

**Department:** Public Works

**Description:** Request for approval of a Task Assignment with Hanson Professional Services Inc. for implementation and subscription fees for roadway and stormwater asset analysis, planning, budgeting.

**Fiscal Note:** The Implementation Fee is \$59,000 and is available in the FY 24 Public Works budget and will be funded by the General Fund and the Roadway Resurfacing Program Fund. The Subscription Fee is \$40,000 annually for five years and will be proposed in the Stormwater Management Utility Fund and the Roadway Resurfacing Program Fund budgets in future fiscal years.

**Explanation:** Decision Optimization Technology - United States, L.P. (DOTUS), a sub-consultant of Hanson Professional Services, provides a web-based software as a service application that will give Public Works decision support as it develops budgets for routine maintenance, repair or reconstruction actions for roadway and stormwater assets.

The software has the ability to forecast future network-wide condition of assets based on different funding scenarios and will assist with determining work plan priorities and rankings based on available funds to minimize maintenance backlog growth.

The software is fully customizable and will incorporate the equity toolkit for prioritization of work plans. The software will integrate with the City's current GIS and work manager software systems.

### **Strategic Connection:**

- Goal 1: Equitable Community
- Goal 2: More Sustainable Community
- Goal 3: A Great Place to Live and Experience

- Goal 4: Resilient Local Economy
- Goal 5: "Best in Class" Neighbor Services

**Recommendation:** The City Commission authorize the City Manager or designee to enter into a Task Assignment with Hanson Professional Services, Inc., in the amount of \$259,000 for infrastructure asset management software, subject to approval of the City Attorney as to form and legality.