

To: Chairman Arnett and members of the Public Works Commission  
From: Peter Hartz – Water Systems Manager

February 4, 2026

Re: February 10, 2026, Public Works Commission agenda items

### **Water Systems:**

Review and take possible action Water Systems entering into a professional services agreement with Mead–Hunt for the Geographical Informational System (GIS) annual asset mapping conducted each year on an as-needed basis.

#### **Background:**

Since the inception of the GIS mapping database in 2014 the water and wastewater divisions have utilized Mead – Hunt’s GIS expertise for support and updates to the geodatabase used for all our assets in the city. We have continued to update our assets and history in our GIS database, water and sewer mains, valves, hydrants, water services, service lines, sanitary manholes, sanitary laterals, private mains and hydrants, water meters, pipe material inspection records, private and public lead service storybook, cross connection inspections, and several other layers of data sets. They also manage access to these records with our mobile phone Field Map App that syncs with our Trimble GPS equipment.

This support is different than what is planned with the GIS intergovernmental agreement with Jefferson County. Examples of other GIS geodatabase layers used by multiple departments on an annual basis include: street signs, brush routes, sanitation routes, recycle routes, police districts, fire districts, property parcel data, aldermanic districts/wards, sidewalks, truck routes, floodplains, neighborhood watch areas, parks, wetlands, schools, section corners, topographic, zoning, building and sub-divisions, TID districts, engineering files, planning land uses – to name a few.

**Budget / Operational goal:** Aligns with proactively maintaining and investing in infrastructure.

**Fiscal impact** – Funds are in the approved 2026 budget.

**Recommendation:** I recommend the approval of the service contract.

Sincerely,

*Peter Hartz*  
Water Systems Manager