

CITY HALL
EVANSDALE, IOWA, FEBRUARY 4, 2020
CITY COUNCIL
TROY BEATTY, MAYOR, PRESIDING

The City Council of the City of Evansdale, Iowa met in a special session, according to law, the rules of said Council and prior notice given each member thereof, in the Council Chambers of City Hall of Evansdale, Iowa at 5:00 p.m. on the above date. Council members present in order of roll call: Dewater, Seible, Walker, and Beam. Absent: Bender. Quorum present.

Seible/Dewater to approve February 4, 2020 special meeting agenda. Ayes-Four. Motion carried.

Presentation – GIS System: Erin Allen, Midland GIS Solutions stated that she had met with the City of Evansdale and given a proposal to provide professional GPS and GIS mapping services for the City’s sanitary sewer, storm water, and water utility infrastructure mapping. Ms. Allen stated what Midland GIS offers to include complete utility asset management solutions, from accurate GPS data collection and GIS mapping to web-based GIS solutions with editing capabilities for easy and efficient utility infrastructure system maintenance; they offer GIS solutions for GPS and GIS services to over 185 cities and utilities in the Midwest with over 19,000 miles logged; GPS survey grade accuracy that tracks all of the utility lines within the city documenting pipe size, pipe type and structure inspection with survey grade accuracy within 1-2 cm of all infrastructure. The Sanitary Sewer GPS field data collections to include top-side manhole field inspections to collect manhole attribute data during that phase of the project, obtain invert elevations for all incoming and outgoing mainlines, manhole depth and pipe size utilizing traditional survey measurement methods, force main valve location, as-built drawings will be utilized to trace the location of the force main line. Storm water FPS field data collection to include horizontal coordinates and vertical elevations to include manholes, inlets, junctions, boxes and outfalls. Councilor Dewater questioned if the mapping utilized would be able to narrow down to specific utility lines. Allen responded yes that you would be able to view just sanitary sewer, storm water, or water. Dewater questioned if they would use the current utility maps of the city. Ms. Allen responded that we would physically go through all the utilities in the city and the maps would only be used as a reference during the project. Councilor Beam stated that he was a lining supervisor and familiar with the process but where did their system fit in with engineer compilation during a project. Allen stated that the system could be utilized by engineers to save fees during an engineered project. Beam stated that he has seen that several engineers would still obtain their own information as at times systems were not compatible. Allen responded that the maps would be provided and redundancy should not be an issue. Beam also questioned where the savings would come in. Allen responded that the information is available to the city in the event of a breach in the water, sanitary sewer or storm water system and that all the records would be available for engineers working on a specific project for the city. Councilor Dewater questioned updating of the system. Allen responded that they provide all of the updates that would be included in the annual hosting fee. Dewater questioned who had brought this to council. Mayor Beatty stated that Chris Schares and Chris Even had been seeking out the system to help in critical system breaks in the system as well as Water Works. Mike Ellison, Water Works Foreman questioned if he had a water main break would he be able to go back into the system to see what valves had to be shut down in a certain area for a future water main break. Allen responded that he could utilize the note system in the software that would indicate your own personal system notes.

There being no further discussion, Seible/Walker to adjourn the meeting at 5:48 p.m. Motion carried.

ATTEST:

Troy Beatty, Mayor

DeAnne Kobliska, City Clerk