



## *Engineering Department*

**DATE:** February 13, 2020  
**FROM:** Gabe Schell, City Engineer  
**ITEM:** Airway Avenue Street and Stormwater Improvements

### **REQUEST**

Receive update from staff and provide direction regarding Airway Avenue stormwater and street improvements.

Please place this item on the February 25, 2020 City Commission meeting agenda.

### **BACKGROUND INFORMATION**

Airway Avenue from S 26<sup>th</sup> Street to Northern Plains Drive is a rural (ditch) section roadway with no storm sewer facilities, street lighting, or sidewalks. When planning for the Northern Plains Commerce Center occurred, a stormwater management plan was prepared that identified design parameters that would be allowed to enter the system at the intersection of Airway Avenue and Northern Plains Drive. To date, that system has not been designed or constructed. Due to proposed development planned to occur within that subwatershed, it is desirable to design, bid and construct the required stormwater management facilities as soon as practical to provide final resolution on how those facilities should be constructed as well as assurance to the development community that building within this subwatershed would not be delayed. Costs for land acquisition, design and construction would be special assessed to the properties within the subwatershed as shown as the "Contributing Stormwater Area" in the attached Exhibit.

In terms of the street of Airway Avenue, the facility has a year-round 6-ton load restriction as it was not originally designed to carry the loading from the surrounding area's industrial/commercial truck traffic. This severely limits the roadway's ability to be utilized by the heavy traffic loads in the area and disproportionally diverts traffic to other roadways that were built to sustain these loads. Staff would propose utilizing rural roads funds as authorized by the Commission from the 2020 budget to offer up to a 25% cost sharing towards the reconstruction of Airway Avenue from S 26<sup>th</sup> Street to Northern Plains Dr.

The street reconstruction project would necessitate the previously mentioned stormwater improvement project but the stormwater improvement project could be constructed independently and wouldn't necessitate the street reconstruction project. There are however, likely significant efficiencies gained by combining the two projects into a larger project. The benefited areas of each project type would be separate and only those properties who contribute stormwater would be included in the stormwater project.

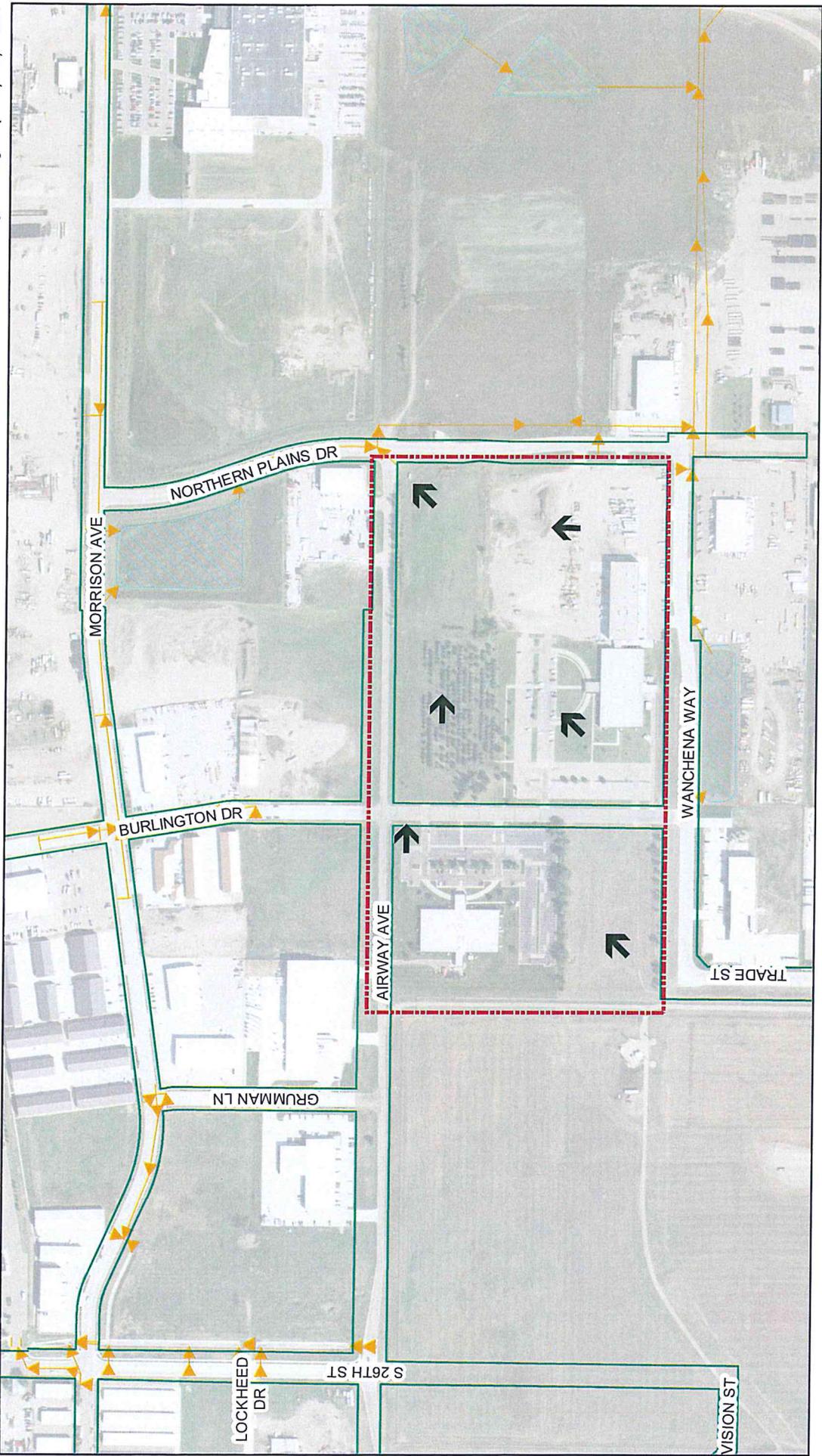
The reconstruction of Airway Avenue would require petitions from at least 50% of adjacent landowners (by area) or else the improvement could be protested out and needless energies would be spent preparing plans and specifications for a project that wouldn't move forward. With the Board approval of the up to 25% rural road upgrades funding, staff would reach out to the adjacent property owners to gauge their interest in this street improvement. If the requisite number of petitions are received, staff would propose creating the corresponding street improvement district and sewer improvement district. If the requisite number of petitions are not received, staff would report back to the Board for direction moving forward.

**RECOMMENDED CITY COMMISSION ACTION**

Provide direction regarding Airway Avenue stormwater and street improvements.

**STAFF CONTACT INFORMATION**

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### Legend

-  Stormwater Pipe
-  Detention Ponds
-  Flow Direction
-  Contributing Stormwater Area

This map is for reference purpose only and is not intended as a survey or accurate representation of all map features.

