

Memorandum

City of Lawrence

Engineering

TO: Charles Soules, Shoeb Uddin
FROM: Matt Bond
Date: April 12, 2010
RE: Millers Acres Annexation – Stormwater

ANNEXATION

This memorandum outlines the affects on the stormwater utility with the annexation of the area known as Miller Acres. This area is roughly bound by Riverridge Road on the south, E. 1310 Road on the west, N. 1770 Road on the north and Minnesota Street on the east. This proposed annexation includes 46 residences.

STORMWATER INFRASTRUCTURE

The existing stormwater infrastructure in the Miller Acres area is comprised primarily of open ditches and driveway tubes. This type of infrastructure and the corresponding maintenance resemble several other areas in town. These areas include the majority of North Lawrence, the Woodland Park and Belmont Additions in east Lawrence, Western Hills and the residences along Learnard Avenue.

Typical maintenance for this infrastructure includes ditch shaping and cleaning, driveway tube jetting, resetting and installation. The annexation will add the following maintenance responsibilities to the stormwater infrastructure inventory.

- 46 driveway tubes
- 6 cross road pipes
- 11,560 linear feet of road side ditch

With annexation these residences will on average each pay \$4/month into the stormwater utility. This would generate approximately \$2,200 a year to help defer the cost of maintenance for the area.

DRAINAGE EASEMENT

Currently a well defined drainage channel enters the sub division from the west and the travels northward just east of E. 1318 Road, refer to the attached map. It is recommended that the route of this drainage be dedicated as a drainage easement 20 feet in width. This will ensure the continued path for stormwater to flow as well as provide the opportunity for access to the property to ensure the continued flow of the creek.

