## 2022 SITE INVESTIGATION



ENGINEERING DIVISION MUNICIPAL SERVICES DEPARTMENT CITY OF INDEPENDENCE, MISSOURI

TO: Charles R Harvey, Lisa Reynolds, & Rich Kemple

**FROM:** Ted Martin, P.E., CFM

**DATE:** June 13, 2022

**RE:** Winner Road Culvert

Municipal Services field crews responded to a complaint of bank sloughing when they found a collapsed culvert under Winner Road south of the 9<sup>th</sup> Street intersection in the Rock Creek Watershed. Attempts to televise the pipe were unsuccessful due to blockage from the collapse.

It appears that the collapse of the vitrified clay pipe is under the NE side-slope of the road. As of now, Municipal Services crews have stabilized the bank as well as we can, but this pipe failure will probably continue to undermine the road and could damage the 8" sanitary sewer resulting in a sanitary sewer overflow (SSO) in this Rock Creek Watershed. The blockage will also aggravate upstream flooding of a residence.

Further disintegration of the clay pipe with subsidence is an imminent threat to traffic and a threat to the environment if the sewer main ruptures. RECOMMEND THIS BE FORWARDED AS AN EMERGENCY P.O.

Five (5) Emergency Construction Projects have been completed by Wiedenmann, Inc. in the last year as the contractor under a time and expense price agreement. These projects are:

- 1. Trenchard Bank Stabilization
- 2. Truman at Yuma Culvert Replacement
- 3. Moore & Spring Storm Drainage
- 4. 35<sup>th</sup> & Kiger Culvert Replacement
- 5. Delaware Street Curb Inlets

Wiedenmann, Inc. has quoted a price of \$249,729 for repairs on the Winner Road Culvert.

Approved:		Date:	
	Lisa Reynolds, Director, Municipal Services		