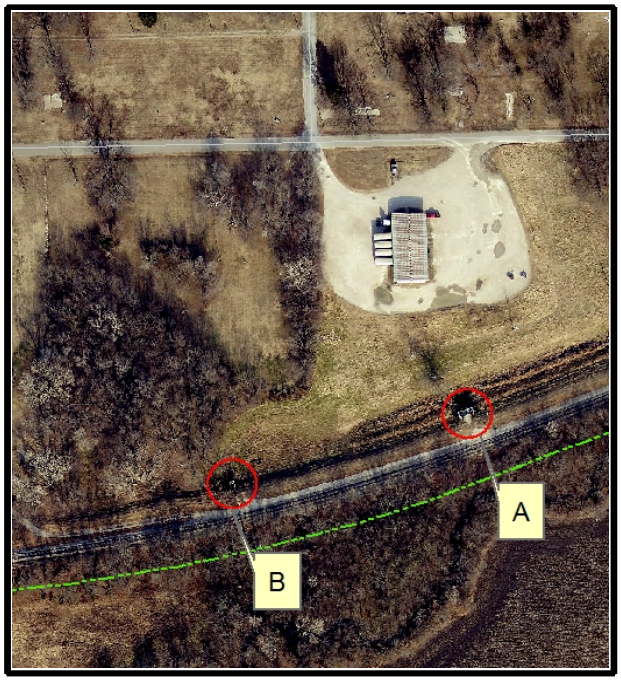
CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: 12th Street Levee Culvert Improvements VRL-1

PROJECT TYPE: Levee Improvement

DEPARTMENT: Stormwater



DESCRIPTION:
These culverts run from the pump stations on the levee at 12th street, south under the railroad tracks to an open ditch draining to the Verdigris River.
A.) Middle pump station: Install a 40"-42" culvert lining into the existing culvert, fill the voids with flowable fill, and grout both ends.
B.) West pump station: fill the old box culvert with concrete.

JUSTIFICATION:
These culverts are two of the primary discharge structures that drain stormwater from the city. Repair or replacement of these culverts is required by the U.S. Army Corps of Engineers.

A.) This culvert is corrugated iron and the bottom has rotted out.
B.) This culvert is failing structurally and the Corps of Engineers has approved removal since water does not gravity flow through it and the gate has been permanently closed for several years.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	$25,816							$25,816
Contingency 10%	$2,582							$2,582
Total	$28,398							$28,398
OP Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded	$28,398							$28,398
Total	$28,398							$28,398