

Capital Improvement Project Descriptions

13th and Brook Streets drainage improvements:

The existing 48" diameter corrugated metal pipe conveying Brook Creek under 13th Street is undersized and has a level of service less than 2 years. The current configuration causes localized street flooding and has the potential in larger storm events to overtop the street. This project is listed as Project #33 in the 1996 Stormwater Master Plan. The existing storm system will be replaced with a single culvert structure that will carry 13th Street over Brook Creek.

Naismith Drainage Channel:

The existing concrete apron lining Naismith channel and located between the north and southbound lanes of Naismith Drive between 20th Street and 23rd Street is beginning to deteriorate. With continued deterioration, the large concrete slabs have the potential to dislodge during a large flood event and block the channel. This in turn could lead to localized flooding along Naismith Drive and possible overtopping of 23rd Street. In addition, the loss of the concrete apron could lead to the loss of the channel banks and even portions of Naismith Drive. This project will replace or repair the failing concrete panel sections within the existing concrete apron.

17th and Alabama Streets drainage improvement:

The construction boundaries for this project begin at the intersection of 17th & Alabama and extend south to the intersection of 20th Street and Naismith Drive. Several of the existing storm sewer lines in this system provide considerably less than a 2-year level of service. This has resulted in localized street flooding and traffic and access problems in the area. During intense rain events, the intersection of 19th and Missouri Streets floods and renders it temporarily impassable. In addition, the storm sewer line underneath Missouri Street from 18th Street to 20th Street will be replaced. This project is listed as Project #11 in the 1996 Stormwater Master Plan.

Concrete channel west of Arrowhead, Princeton to Peterson:

This project involves the reconstruction of the concrete lined channel that is located just west of Arrowhead Drive and runs from Princeton Boulevard to Peterson Road. This concrete channel is experiencing deterioration and settlement of concrete panels. The deteriorated concrete has the potential to dislodge and block the channel causing localized flooding.

19th Street, Maple Lane to Brook Street:

Several sections of the existing storm sewer line along the west side of Maple between 21st Street and Edgewood Park are providing less than a 2-year level of service. This service level deficiency results in localized street flooding which causes traffic and access problems in the area. This project will upgrade the currently undersized storm sewer. This project is listed as Project #34 in the 1996 Stormwater Master Plan.