North Peter at Arch Street Stormwater Improvement Project

Before

After

Purpose:
Several sink holes were identified and determined to be a symptom of a failing metal Stormwater pipe along N. Peter and Arch. This project removed the rusted metal pipe system, and replaced it with high performance high density polyethylene piping (HP HDPE), which has an estimated lifespan of 100+ years. Staff then backfilled structures with compactable dirt, top soil, grassed and mulched the area.

Project Details:
Work completed included 560 feet of 48 inch High-Performance High-Density Polyethylene (HP-HDPE) pipe, 20 feet of 18" HP-HDPE, seven drop inlets, one manhole, 260 feet of curb and gutter, 20 feet of sidewalk, 556 tons of #57 stone, 316 tons of #4 stone, 2,150 cubic yards of fill dirt and 570 cubic yards of top soil.

Phase	Agenda Date	Funding Source	Budget	Actual	Begin Date	End Date
Concept	N/A					
PE Design	N/A					
FE Design	N/A					
ROW	N/A					
Construction	N/A	Stormwater Enterprise Fund	$187,000	$139,702.44	Dec-14	June-15

Concept:	ACC	David Clark
Design:	ACC	David Clark
Construction:	T&PW Streets & Drainage Department	Kevin Gentry
Project:	6245	