

# 322 Bonnaridge Drive Culvert Replacement

## Existing Conditions

### Description:

The culvert outlet is located approximately 96' southeast of the featured address, 322 Bonnaridge Drive. The culvert consists of a 36"x20" corrugated metal pipe and stone headwalls. The pavement over the culvert shows moderate weathering and light longitudinal/transverse cracks. There is light surface corrosion throughout the pipe, there is an area of pipe collapse under the road near the outlet, the pipe at the outlet has deflected, and there are missing stones/mortar loss on both the inlet and outlet headwalls.

**Spans:** 1

**Length:** 33'

**Width:** 36"

**Rise:** 20"

### Reasons for replacement:

- ✓ Headwall Failures
- ✓ Pipe Collapse



**Failing Inlet Headwall**



**Pipe Collapse**



**Deformed Pipe @ Outlet**

