LEE'S SUMMIT
MISSOURI

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171746, Public Works Infrastructure Permit - Residential
Manor at Stoney Creek 2nd - street, storm, sewer and water
Address:

This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
DEI-Water Line - Fire Hydrant	Brice Lawson	Failed	Monday, January 08, 2018

Corrective Action Required

1 Brice Lawson 01/08/2018 9:45 AM
The Clow fire hydrants have been installed at this site. The fire hydrants have ice built up inside the barrel section. I informed Darrin with Redford of this today. Redford is attempting to thaw the frozen fire hydrant that was installed at the dead end of Amethyst.

Make necessary corrections so that the fire hydrants do not freeze and operate properly.

DEI-Sanitary Sewer Construction Inspection	Brice Lawson	Failed	Monday, January 08, 2018

Corrective Action Required

1 A main inspection has uncovered the following problems.
Brice Lawson 01/08/2018 11:49 AM

Existing City Sanitary Manhole #60-082 at tie-in:
Grout the sides of the pipe up to the springline of the new pipe inside the manhole. Make a smooth transition from the new pipe to the existing flowline with proper slope. Eliminate any vertical offset in the invert and and pipe to invert joint.

MH A-1: Remove wire mesh, debris and paint from the lid

MH A-2: Remove green paint from the lid

MH A-3: Remove green paint from the lid

MH A-4: Remove green paint from the lid

MH A-5: Remove green paint from lid. Backfill around the frame to achieve positive drainage away the manhole frame

MH A-6: Remove green paint from the lid. Complete the backfill of the manhole frame and achieve positive drainage away from the manhole frame

MH A-7: Backfill around the manhole frame and achieve positive drainage away from the frame. Remove green paint from the lid. Remove excess joint mastic at the adjustment ring joint.

MH B-1: Remove green paint from lid. Remove excess mastic from adjustmen ring joint. Properly backfill around manhole frame to achieve positive drainage away from the frame.

MH B-2: Remove debris from manhole floor, remove wire mesh, remove the vertical strip of what appears to be mastic from the barrel section, remove green paint from the lid

MH B-3: Remove the paint from the lid

MH E-1: Remove the excess mastic at the horizontal joints, remove debris from the manhole floor, remove the paint from the lid, raise the manhole so that the top of the lid is 2% to 4% above the back of curb

MH C-1: Remove paint from the lid, remove debris from invert bench, repair the top of the cone at the void that is allowing the mastic to fall out of the joint, complete grading around the frame to achieve positive drainage away from the frame

MH C-2: Remove the green paint from the lid

MH C-3: Remove green paint from the lid. Raise the manhole top so that the top is 2% to 4% above the back of the curb. Grade around the frame to achieve positive drainage away from the frame.

MH C-4: Remove debris from the manhole floor, remove paint from the lid. Raise the manhole lid so that it is 2% to 4% above the back of curb. FYI- a maximum of 1' of adjustment rings can be used.

MH D-1: The top of the lid does not appear to be installed at the elevation shown on the revised drawings. Make necessary corrections to get the top at the correct elevation. Replace manhole lid with the proper lid. Backfill around the frame to achieve positive

drainage away from the frame.

MH D-2: Remove paint from the lid, fill the lift hole in the cone section behind the steps, properly grade around frame to achieve positive drainage away from the frame.

Should the tracer boxes be attached to the post with something that is more durable than ductape? It appears that some are barely hanging on already.

Tracer boxes should be installed on a post that extends atleast 3' above grade. The posts need to be painted green.

Lot 93-Repair tracer wire and tracer box

Lot 99-Raise the tracer box in elevation so it is easily seen

Lot 97- Move the tracer box so that it is above the service line and 1' from the property line

Lot 98-Repair broken tracer wire and retest the tracer wire in the presence of an inspector

Lot 78-repair the tracer box post

Lot 42-Attach the tracer wire to the tracer box

Lot 69-Install the tracer box on a post at least 3' above grade

Lot 48-Install the tracer box on a post at least 3' above grade

Lot 65-paint the tracer box post green

Lot 64-paint the tracer box post green

Lots 63, 62, 61, 60, 58, 57, 56, 55-paint the tracer box post green

Lot 54-repair/replace tracer box post and paint green

Complete flushing the sanitary main.

Comments: