HOW THE UNIVERSITY OF FLORIDA DOCUMENTED 75 YEARS OF UNDERGROUND ASSETS USING GIS
MECHANICAL MANHOLE: MH-3D3-9

SYSTEM CONDITION

Date of Entry: 3/7/2017  Job Team: JML, ALS, VGS, JM
Access Cover Condition: Good  Access Cover Urgency: N/A
Manhole Condition: Cracked  Spalling: Exposed Rebar: N/A
Neck Condition: Good  Ladder Condition: Good
Excessive Surface Temperature? N/A  Notes: 140 deg F
Water Present? N/A  Obsc. Terrain Depth: 6'18"
Pipe Leaks? N/A  Source: Manway lids and MH-3D3-13
Debris? N/A  Debris Note: Broken insulation, dirt, and sand
Pipe Hangers Cond.: Good  Pipe Hangers Urgency: N/A
Pipe Anchors Condition: Poor  Pipe Anchors Urgency: Immediate

#  Type  Elev.  MH-3D3-12  Cond. Urg.  Cond. Urg.  Type  Cond. Urg.  Type  Cond. Urg.  Type  Size (in)
1  7"S  10  MH-3D3-12  Good  N/A  Fair  S  CG  Poor  None  N
2  PC  4  MH-3D3-12  Good  N/A  Good  N/A  CG  Poor  None  N

NOTES / COMMENTS / CONCERNS

General: This manhole serves as a branch stabilization point with normal service from MH-3D3-12 to the south with branches east to MH-3D3-13 and north to MH-3D3-9. This manhole also serves as a low point for traps and accommodates thermal expansion from the north in the steam and condensate systems. This is the western portion of a joint manhole with MH-3D3-13. This manhole is very hot. There are no base anchors on any of the expansion joints and the 6" 796 XJ has failed.

Piping: 6" 796 XJ is leaking steam on its north side.

Exp. Joints: There are three packed, slip joints with no base anchors. The 6" 796 XJ is leaking no north side. Anchor plate on 6" 796 XJ has heaved off concrete base. XJ is bolt very compressed with not much room for expansion. Anchor failure in adjacent manhole.