

Manhole Rehabilitation (Phase 7)

Table 1. Manholes Designated for Rehabilitation

Manhole Number	Address	Condition	Pipe Size	Comments
W1002 WO 200294	1701 Norman Dr	Poor	8'' clay pipe	30ft deep precast manhole, 24'' lid. Service lines coming in, all with signs of aging, H2S damage to barrel & base, some bricks are exposed at the base, steps to be removed and several steps missing in the bottom; located in the roadway & affects inside northbound lane, moderate flow.
W1001A WO 200292	1701 B,C Norman Dr	Poor	8'' clay pipe	30ft deep precast manhole, 24'' lid. Service lines coming in, all with signs of aging, H2S damage to barrel & base, some bricks are exposed at the base, steps to be removed and several steps missing in the bottom; located in the roadway & affects inside northbound lane, moderate flow.
W0992A	1801 Norman Dr	Poor	8'' clay pipe	30ft deep precast manhole, 24'' lid. Service lines coming in, all with signs of aging, H2S damage to barrel & base, some bricks are exposed at the base, steps to be removed and several steps missing in the bottom; located in the roadway & affects inside northbound lane, moderate flow.
W0989A WO 200298	1815 Norman Dr	Poor	8'' clay pipe	30ft deep precast manhole, 24'' lid. Service lines coming in, all with signs of aging, H2S damage to barrel & base, some bricks are exposed at the base, steps to be removed and several steps missing in the bottom; located in the roadway & affects inside northbound lane, moderate flow.
W0519 WO 200300	1819 Norman Dr	Poor	8'' clay pipe	30ft deep precast manhole, 24'' lid. Service lines coming in, all with signs of aging, H2S damage to barrel & base, some bricks are exposed at the base, steps to be removed and several steps missing in the bottom; located in the roadway & affects inside northbound lane, moderate flow.

M0475	1900 Hidden Cv	Fair	8''	Manhole is 4.5ft deep precast 8'' main flowing from the west with an 8'' main flowing to the south. 24'' lid. Ring and cover good. In the wooded area marked on the side of the road. Between 1405 and 1407 Bay Meadows Dr.
M0220	1900 Hidden Cv	Fair	15''	Manhole is 7ft deep precast with 15'' main flowing from the north and 8'' main from the west. 32'' lid. Ring and cover good.
M0473	1900 Hidden Cv	Fair	8''	Manhole is 5ft deep, precast 8'' main flowing east. 24'' lid. Ring and cover good. Second manhole from the road.
M0221	1900 Hidden Cv	Fair	16''	Manhole is 4.5ft deep precast 16'' Main flowing south. 24'' lid. Ring and cover good.
M0222	1900 Hidden Cv	Fair	16''	Manhole is precast 4.5ft deep, 16'' main flowing to the south. 32'' lid. Ring and cover good.
M0225	1900 Hidden Cv	Fair	16''	Manhole is 6ft precast, 16'' main flowing from the northwest to the south. 32'' lid. Ring and cover good.
M0218	1900 Hidden Cv	Fair	15''	Manhole is precast, 6ft deep with 15'' Main flowing south. 24'' ring and cover good.
M0223	1401 Baytree Dr.	Poor	16''	Manhole is precast 3.5ft deep flowing south. There is a 16'' main. 32'' Lid. Ring and cover in good condition. Located in the woods. Needs to be re-grouted.
W0272	200 Williams Ln	Fair	18''	Manhole is precast, 13ft deep 18'' main flowing west. There is an 18'' main coming from the southeast and 8'' main from the north. 24'' ring and cover in good condition. Located in the road near factory.
W0271	200 Williams Ln	Fair	18''	Manhole is precast, 15ft deep flowing west. 24'' ring and cover in good condition; located in the road near house.
W1206	1101 Savannah Ave	Fair	8''	Manhole is brick, 5ft deep. 8'' main flowing to the west. 24'' ring and cover in good condition. Located in the middle of the road.

W0963	1845 Norman Dr	Fair	8'' PVC Pipe	Location is 1ft from the sidewalk and is in front of heribert fitness. It has an 8''pvc pipe coming out, 8''pvc coming in also a 4''pvc coming in as well. The manhole ring and cover is good the lid is 23 ½'' It has a little odor to it. Its 9ft deep and the flow is heavy and heading southwest. The steps look fine also manhole is precast do not see any problems at this time.
W0965	1845 Norman Dr	Fair	8''PVC Pipe	Manhole is the straight lane asphalt manhole ring and cover is good. It has 8''pvc pipe coming in and 8''pvc pipe out it is precast. 10ft deep flow is light there no problem here. The steps looks good, it has a little odor but not much. The flow is going south, the lid is 23''.
W3370	1801 Iola Dr	Poor	8''	Brick manhole 7ft deep with 8'' main flowing in from the east. Ring and cover in good condition located in the middle of the intersection of E. Alden and Iola 24'' lid. Getting some infiltration in the bricks.
M0278	301 S Blanchard St	Poor	15''	Manhole is precast, 12ft deep flowing from north to east. 24'' lid. Infiltration into the manhole. Ring is deteriorating from gas and needs to be replaced. Located in the parking lot in the front.
M1561	813 S Lee St	Fair	8''	Manhole was brick, 8ft deep with 8'' main flowing north. 24'' lid. Ring and cover in good condition. Located in the middle of the road.
W0962	1839 Norman Dr	Fair	8''PVC pipe	Manhole is located in driveway asphalt, lid is 23''. It was 8''pvc pipe coming in a 8''pvc out of main. Also has a 6''pvc pipe coming into main the flow is heavy and direction is going west. 7 ½ ft deep and precast there seems to be no problems, no odor at this manhole ring and cover is good.
W0964	1840 Norman Dr	Fair	8''PVC Pipe	Manhole has 2-8'' in and out precast. The flow is heavy and direction is south. There is no odor manhole ring and cover is good. Manhole is located in turning lane asphalt. Pipe is pvc inside main. Lid is 23''

W0961	1833 Norman Dr	Fair	8''	Manhole 8'' pipe in and out, also 8'' pipe coming in. It is precast it is 7 1/2 ft. down. Manhole lid is 23'', No odor from this manhole ring and cover is good. Flow is going south its slow. It's in the turning lane asphalt.
W0419	2401 N Patterson St	Fair	12'' PVC Pipe	13ft Precast Manhole, 24''PVC main in and out flowing west, 8''PVC coming into manhole, No steps broken, located in grass, no odor and flow is heavy.
W3848 A	607 Charlton St	Poor	8''	6ft deep brick manhole, ring and cover fair, no missing brick, 22'' lid, no odor, dead end manhole, location asphalt.
W3242 B	607 Charlton St	Poor	8''	Brick, lid is 24'', No odor dead end manhole, location is asphalt as well about 5ft deep.
W3270	1113 N Oak St	Fair	8''	The address on the list is 1205 N Oak st but the manhole comes up as the 1113 n oak st. The deep of the manhole is 5ft, brick and no problems to the eye. It was three 8'' lines running into the manhole.
M0207	137 Blanchard St	Poor	20'' Clay pipe	15ft deep precast manhole, 32'' lid. Signs of wear from H2S, several leaks thought wall and joints of barrel, heavy flow, appears to be brick channel.
M0206	125 Blanchard St	Poor	20''clay pipe	16.2ft deep precast manhole, 32'' lid. Possible 6'' service line coming in, leaks throughout the barrel, and signs of H2S, loose bricks are missing from the brick channel heavy flow, replace ring and cover.
M1561	813 S Lee st	Poor	8''	Manhole needs lining bad, water infiltration around brick inside manhole.