

Douglas 234 F6 MDP Probationary Storm Punchlist

12/8/2021

The following items were noted in the field on 12/7/21.

1. Cut all pipe penetrations as flush as possible with all structure walls. Chip out honeycombed concrete used to fill penetrations. Remove visqueen plastic sheeting from the outside of the pipe to the outer extents of the structure to allow an epoxy grout to adhere directly to the pipe. Use epoxy grout to fill the void at the penetrations and grout flush with structure walls.
2. Fill sump of all inlets up to inverts of the pipe penetrations to avoid nuisance ponding.
3. Verify inlet grate elevations of the area inlets in the landscaped areas. Provide diversion ditches to each area inlet as detailed on the Interim CBMP plan.
4. Center manhole cover and riser rings for the structures in the landscaped areas. Provide concrete collars for all manhole covers in landscaped areas. Provide a means of marking the structure during the interim phase to ensure they are not hit during construction (ie bollard, cone, stake).
5. Replace all non-standard covers on manholes and inlets with Town standard covers.
6. Clean out pick holes on any manhole cover that has been filled in with material.
7. Tighten and secure all grate restraints on area inlets.
8. INL 15: Add steps.
9. MH 02: Replace structure due to differential settlement and damaged base. When the structure is replaced, please utilize Town standard methods and materials in the process (ie pour in place base, barrel section , and then the flat lid). Ensure the cover is no more than a quarter inch below finished grade of the pavement during replacement.
10. MH 01: Smooth out invert of the first joint toward INL 04. Add 2 bottom steps.
11. INL 02: Grind down and clean up grout in invert of pipe toward INL 04. Add 2 bottom steps.
12. MH 03: Epoxy grout the void between the base and barrel section. Add 2 bottom steps.
13. INL 05: Monitor 2 cracks in pipe toward MH 03 through final.

The following items were noted during review of the storm sewer CCTV. Once resolved provide updated CCTV for all repairs.

1. Provide the missing CCTV discussed via email.
2. MH 2 to MH 1: Gasket noted protruding from joint at approximately 46.7-feet or time stamp 2:32. Remove protruding gasket and provide either a concrete collar or cure in place pipe liner to ensure joint is adequately sealed against infiltration.
3. MH 1 to IN 4: Gasket noted protruding from joint at approximately 107-feet or time stamp 2:50. Remove protruding gasket and provide either a concrete collar or cure in place pipe liner to ensure joint is adequately sealed against infiltration.
4. IN 9 to IN 8: Gasket noted protruding from joint at approximately 80-feet or time stamp 2:08. Remove protruding gasket and provide either a concrete collar or cure in place pipe liner to ensure joint is adequately sealed against infiltration.
5. IN 3 to IN 2: Heavy debris noted in the line at approximately 129-feet or time stamp 3:18. Remove heavy debris.