

**City of Huxley**  
**Supplemental Specifications**  
**To Iowa Statewide Urban Standard Specifications for Public Improvements**  
**April 27, 2021**

<b>Division</b>	<b>Section</b>	<b>Page / Figure</b>	<b>Description of Change</b>
2	2010	17	3.08.B. Replace with "Construction: All public streets classified as major collector, minor arterial, or major arterial are to be constructed with a subbase of modified subbase materials to a minimum thickness of 6 inches under concrete pavement and over a uniform composition compacted subgrade with a minimum thickness of 12 inches plus 2 feet outside the pavement area."
4	4010	10	3.02.A. Add "8. Tracer wire required for all sanitary sewer installations. Comply with Section 5010. Install tracer wire station at each manhole adjacent to manhole casting where manhole is located outside pavement and at each manhole at closest back of curb to manhole casting where manhole is located in pavement."
4	4010	10	3.02.B. Add "8. Sanitary sewer gravity mains materials 8 inch to 15 inch to be pvc truss type."
4	4010	10	3.02.B. Add "9. Sanitary sewer gravity service materials 4 inch to 6 inch to be pvc SDR 23.5 with gasket joint."
4	4010	11	3.04.F.1. Add "Maxadaptor Universal Coupling or HyMax 2 Wide-Range Coupling."
4	4010	12	3.06.B.2. Add "d. Use Romac CB service saddles for 4 inch and 6 inch sewer services."
4	4010	12	3.06.C. Add "7. Stamp curbs with the letter S for sanitary sewer service at location sanitary sewer service crosses curb."
4	4010	12	3.06.C. Add "8. All sewer services that will not be used will need to be abandoned by disconnecting the sewer service at the main and capping the service at the main."
4	4010	12	3.06 Add "D. Tracer wire required for all sanitary sewer service installations. Comply with Section 5010. Loop tracer wire from sewer main to end of service and back to main."

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4	4020	6	2.01 Add "P. Use only concrete pipe for all storm sewers 12 inch and larger unless prior approval is obtained from the City for other pipe materials."
4	4040	5	2.06 Add "C. Use Type A-1 cleanouts for footing drains and subdrains with Neenah R1975A, or equal, casting outside of pavement. Install threaded pvc cap on top of riser below metal casting."
4	4040	6	3.02.A. Replace with "All public streets classified as major collector, minor arterial, or major arterial are to be constructed with subdrains, footing drain collectors or storm sewer on both sides of the street. Subdrain materials are to be of corrugated interior and exterior PE pipe or solid wall pvc pipe. Install with engineering fabric. Comply with Figure 4040.231 Type 1, Case B."
4	4040	6	3.02.B. Replace with "All public streets classified as major collector, minor arterial, or major arterial are to be constructed with subdrains, footing drain collectors or storm sewers on both sides of the street. Footing drain collectors materials are to be of solid wall pvc pipe. Install with engineering fabric. Comply with Figure 4040.231 Type 2, Case E."
4	4040	7	3.03 Add "D. Footing drain service stubs materials to be pvc Schedule 40."
4	4060	3	3.02.A. Add "5. All sanitary sewer mains and all storm sewers and footing drain collectors shall be video recorded and the recordings submitted to the City for review and approval. City staff are to be present when the sewers are being videoed. Recording must record the entire length of the pipe and include views up lateral and service connections."
5	5010	7	2.05.B.4. Replace with "Split kits 3M Scotchcast Kit 3832."
5	5010	7	2.05.B.5. Replace with "Valvco Model TWAB tracer wire box."
5	5010	7	2.07.B. Insert "Water services 2 inch in diameter or less shall be Type K copper pipe."

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5	5010	7	2.07.C. Replace with "Full depth arch pattern curb stop boxes. Couplings not allowed to lengthen curb stop boxes. If couplings are required due to non-standard lengths exceeding 8 foot 6 inches then the coupling will need prior City approval, will need to be welded to the curb stop box, and inspected by the City prior to backfill."
5	5010	7	2.07 Add "D. Ford 1 inch KV23 valves are required at all meter sets in the residence on the service line."
5	5010	8	3.01.A. Add "12. Contractor is not to operate any existing valves without a representative from the City present."
5	5010	8	3.01.A. Add "13. Minimum ground cover over water mains and water services is 5 foot 6 inches."
5	5010	9	3.05 Add "H. All tracer wire is to be traceable by the Contractor before the City attempts to trace the lines for final approval."
5	5010	11	3.09 Add "D. Couplings not allowed on water services less than 90 feet in length."
5	5010	11	3.09 Add "E. Stamp curbs with the letter W for water services at location water service crosses curb."
5	5010	11	3.09 Add "F. All water services that will not be used will need to be abandoned by disconnecting the water service at the main and capping the corporation valve."
5	5010	11	3.09 Add "G. If a water service line is placed in the same trench as a sewer, the water line shall be placed 18" above and 18" over on a solid shelf with a wave in the line for movement. If this can't be done, the water line is to be installed in a separate trench 10' from the sewer ditch."
5	5020	5	2.02.C.6.a. Add "Provide fire hydrants with security lock tamper-resistant operating nut for all hydrants located in a rural area as determined by the City."
5	5020	5	2.02.C.6.b. Add "5 inch Storz Nozzle"

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5	5020	5	2.02.D. Add "3. Fire hydrant color to be red."
5	5020	6	2.03.A. Replace with "Provide fire hydrant assembly as specified above."
5	5020	6	2.03 Add "D. Yard hydrants not allowed without prior approval from the City."
6	6010	9	2.13.A. Add "3. Install steps in all sanitary and storm manholes."
6	6010	9	2.13.B. Add "6. Do not align steps over flow lines."
6	6010	9	2.15.A. Replace with "Material: Stainless Steel."
6	6010	12	3.01.J. Add "4. Use three piece castings for manholes in pavement. Use two piece castings for manholes outside of pavement."
6	6010	12	3.01.J. Add "5. Attach the frame to the structure with four stainless steel anchor bolts for all castings not in pavement."
6	6010	13	3.01.K. Add "Infiltration barriers shall only be rubber sleeve type with stainless steel bands."
6	6010	13	3.01.K.1. Add "f. Use internal chimney seal for manholes in pavement and use external chimney seal for manholes outside of pavement."
6	6010	15	3.03 Add "F. Fill and plaster all intake joints and risers on the inside and outside of all joints."
6	6010	15	3.03 Add "G. After visual inspection of the completed manhole or intake, repair honeycomb areas, visible leaks, tie holes, or other damaged areas."
7	7010	13	3.02.F.2. Insert "Minimum pavement thickness is 7 inches."
7	7010	16	3.02.K.1.a. Insert "Install longitudinal joints at quarter points as shown in Figure 7010.901."
7	7010	21	3.05 Add "All streets must be swept with a mechanical street sweeper before acceptance by the City."

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7	7010	26	3.07.E. Insert "Any individual pavement panel with two (2) or more random cracks will be required to be fully replaced by the Contractor at no additional cost to the City."
7	7030	6	2.07 Add "Panels are to be fiberglass and red in color."
9	9040	24	3.24 Add "C. Maintain and keep installed inlet protection baskets until such baskets are allowed to be removed by the City."