

2017 SUDAS Supplement Revisions

- Section 1020 - Section Deleted from Supplement
- Section 1070 - 2.06 C. Closing Sidewalks information added to clarify requirements
2.06 D. Restricting Parking information added to clarify requirements
3.01 D. Routine maintenance activities do not void maintenance bonds
- Section 2010 - 2.03 E. All soils provided for the construction of embankments shall be approved by the Engineer.
3.03 E. 2. The Contractor shall pump standing water from excavation areas within 24 hours of: a rain event, other event that causes standing water, or once per day during a rain event.
3.03 E. 3. Restore original drainage as soon as work allows.
3.03 E. 4. The Contractor is responsible for damage resulting from their neglect to provide erosion control, artificial drainage, or pumping. This responsibility includes, but is not limited to, additional soil scarification or removing and replacing unsuitable soils.
3.05 Use of Unsuitable Soils is replaced
3.06 Protecting Subgrade From Water has been updated
- Section 3010 - Removed 1.08 A. 4. Pipe bedding shall be bid and paid on a per ton basis from supplement.
Removed 3.05 B. Pipe Bedding from supplement.
- Section 4010 - 1.08 A. 1. C. Removed sewer wyes from the unit price for trenched sanitary sewers.
1.08 C. 1. C. Removed sewer wyes from the unit price for trenchless sanitary sewers.
1.08 L. Added sewer wyes as a separate bid item.
Removed 2.01 Sanitary Sewer (Gravity Mains) from supplement.
2.01 E. Solid Wall Polyvinyl Chloride Pipe (PVC) 8"-15" Comply with ASTM D 3034, SDR 26. SDR-35 is not an approved construction material in Sioux City.
Removed 2.01 I. Double Walled Polypropylene Pipe 12 inch to 30 inch from SUDAS
Removed 2.01 J. Triple Walled Polypropylene Pipe 30 inch to 36 inch from SUDAS
Added 3.02 B. 9. When connecting sanitary sewers of differing sizes or materials, these connections shall be made at a manhole.
3.04 F. 1. Any connections made where there is a transition in size or material of pipe shall be connected at a manhole.
Removed 3.04 F. 2.
3.06 Sanitary Sewer Service Stub requirements are updated
- Section 4020 - Removed Section 2.01 L. Polypropylene Pipe
- Section 4060 - Added 1.07 D. 6. Contractor shall provide notice of work and public information related to the work at least 48 hours prior to the commencement of the lining work. Additionally, Contractor shall obtain, record, and provide copies to City of responsible parties notified of the work at that time.
- Section 4060 - 3.03 Video Inspection has been updated with new requirements.
3.04 C. 1. 1. Added Sanitary Sewer Low Pressure Air Testing is only required on new construction. Sanitary sewer services are to be included in this testing. Test requirements and duration are the same as per the parent pipe size as shown in Table 4060.02.

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- Section 5010 - Added 1.08 A. 1. C. Includes: Unit price includes, but is not limited to, trench excavation, dewatering, furnishing bedding material, placing bedding and backfill material, tracer system and locate pedestals, testing, disinfection, and polyethylene wrap for ductile iron pipe and for fittings.
Added 1.08 A. 2. C. **Includes:** Unit price includes, but is not limited to, furnishing and installing pipe; trenchless installation materials and equipment; pit excavation, dewatering, and placing backfill material; tracer system and locate pedestals; testing; and disinfection.
2.01 A. 1. A. 8-inch through 24-inch sizes: C900 – DR 14.
2.01 B. 1. A. 8-inch through 24-inch sizes: Pressure Class 350 per ANSI/AWWA C151/A21.51.
2.05 B. 2. Ground Rod: 1/2 inch diameter, 60 inch steel rod uniformly coated with metallically bonded electrolytic copper.
2.07 C. 1. Corporation stops shall be AY McDonald 300 Ball Corporation Valves or Mueller 300 Ball Corporation Valves, ¼ turn open, AWWA taper thread on the inlet side, compression fitting for CTS OD Tubing on the outlet.
2.07 C. 2. Curb stops shall be AY McDonald 300 ball curb valve or Mueller 300 ball curb valve with ¼ turn check, compression fitting for CTS tubing on each end, no reduced port valves.
3.06 G. Final inspection of the tracer system will be conducted at the completion of the project and prior to acceptance by the owner. City personnel shall verify the continuity of the tracer system and any discontinuities in the system shall be repaired by the Contractor.
3.06 H. Ground rods shall be installed to a depth of 8 feet.
- Section 5020 - 3.01 C. The Valve Box and Cover must match the new or existing surface elevation (0.25” below to 0” above).
3.03 F. Orient fire hydrant pumper nozzle towards the nearest roadway.
- Section 5030 - 1.06 A. Notify the Engineer, in writing, two working days (exclusive of weekends and holidays) in advance of testing or disinfection operations to coordinate the operations. The Contractor is not to contact City Utility and Field Services staff to coordinate this operation.
1.06 B Testing and disinfection operations shall be completed during weekdays. Do not start testing or disinfection operations after 12:00 PM without written approval from the Engineer.

3.03. A. 5. Disinfect prior to installation any installed piece of pipe, fitting, or valve regardless of the total length of the individual installation.
- Section 6010 - 2.13 A. Steps shall be removed in all manholes regardless of type.
Remove 2.13 B.-F. from SUDAS
2.19 A. External rubber seals must be installed on all storm sewer manholes. Refer to SUDAS Standard Specifications for details.
Removed 3.04 A. 2.
3.04 B. 1. Vacuum testing shall not be required by the City of Sioux City.
- Section 7010 - 1.06 For concrete pours larger than 150 feet in length a pre-pour meeting shall be scheduled at least 48 hours in advance of machine paving and at least 24 hours in advance for hand paving. The pre-pour meeting shall be between the City, Contractor (prime

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contractor is optional if paving is sub-contracted out), independent testing laboratory, and ready-mix company.

Notification to the independent testing laboratory shall be the sole responsibility of the Contractor.

Removed 1.08 F. Beam Curbs

3.02 J. A. When marking the slab with a string line do not damage or otherwise saw into the pavement with the marking tool.

3.02 J. B. Unless otherwise specified in the contract documents all joints shall have a final sawed width of 1/4 inch with a tolerance of 1/16 inch.

3.02 K. A. I. Before any portion of the pavement is opened to the Contractor's equipment or to general traffic all joints shall be cleaned and sealed.

3.02 K. B. I. Prior to sealing joints the Contractor shall request verification from the City's Authorized Representative that the joints are clean and dry.

3.02 K. C. F. All joints shall be sealed within 2 working days of the pavement reaching required age and strength specified in Section 7010, 3.06. No additional construction activities on the pavement may take place until the joints are cleaned and sealed.

3.02 K. C. G. The Engineer may limit the wheel loads and axle loads of equipment operating on the pavement during this operation, if prior to the age and strength specified in Section 7010, 3.06. Additional tests to determine the pavement strength may be required.

3.02 N. Ensure that the pavement, regardless of type, has positive drainage by flooding the pavement after sealing of the pavement has been accomplished. The flooding of the pavement and any cleanup from the flooding is incidental to the related paving work. If the pavement is found to retain or does not properly drain water to the degree and nature that it is considered by the Engineer as defective work, remove and replace at no additional cost to the Contracting Authority.

3.04 D. 1. Ensure that the pavement has positive drainage by flooding the pavement. The flooding of the pavement and any cleanup from the flooding is incidental to the related paving work.

3.04 D. 2. If the pavement is found to retain or does not properly drain water to the degree and nature that is considered acceptable by the Engineer it shall be considered as defective work. The removal and replacement will be at no additional cost to the Contracting Authority.

Section 7030 - Added 3.02 A. 1

Added 3.02 B. A.

Added 3.04 B. 3.

Section 7040 - Removed 1.08 C.

Removed 3.03 A.

Removed 3.03 B.

Removed 3.03 C.

Division 8 - Whole Division moved. Multiple updates.

Section 9010 - 1.08 D. 1. No separate measurement will be made.

1.08 D. 2. Watering shall be incidental to the work.

3.10 A. Acceptance has been updated.

Section 9020 - 3.08 A. Acceptance has been updated.

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- Section 9040 - 1.08 P. 1. All watering for dust control shall be incidental to the project.
1.08 P. 2. All watering for dust control shall be incidental to the project.
3.03 E. At the Pre-Construction meeting the City and Contractor shall set a regularly scheduled time to conduct the required inspections. Emergency inspections shall occur as needed.
- Section 9090 - 1.01 Street Lighting Added requirement that all newly installed lights shall be LED lights.
- Division 10 - 1.03 Contractor to obtain written confirmation from all known utilities that they are disconnected from the site to be demolished.
1.06 C. Contractor to submit traffic control plan to the City Engineer prior to any roadway closures.
1.08 A. 3. Adds fences and retaining walls
3.02 F. 2. Provide a 2 year warranty matching the project warranty for all seeded areas.
3.03 C. If sidewalks are to be closed provide the Engineer with a sidewalk closure plan meeting ADA requirements prior to closure of sidewalk.
3.12 B. Stockpiling of topsoil.
- Division 11 - 1.08 A. 3. Add the requirements of Monument Preservation to the Construction Survey bid item.
3.04 The Surveyor is required to record the Monument Preservation Certification and provide the Engineer with a copy of the recorded certificate.