



# Iowa Department of Transportation

## SPECIAL PROVISIONS FOR TEMPORARY ACCESS OVER SANITARY SEWER PIPE

Pottawattamie County  
IM-NHS-080-1(385)0--03-78

Effective Date  
April 21, 2015

THE STANDARD SPECIFICATIONS, SERIES 2012, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

### 120298.01 DESCRIPTION

- A. This specification includes requirements for the construction and removal of a temporary access across a city of Council Bluffs sanitary sewer pipe. The pipe location is shown in the contract documents.
- B. No equipment will be allowed within 15 feet of the centerline of the pipe. All equipment, regardless of weight and size, shall use the temporary access to cross this pipe.

### 120298.02 DESIGN.

#### A. Requirements.

1. The plans for the temporary access shall be prepared by a Professional Engineer licensed in the State of Iowa.
2. The access length shall be such that protection shall be located a minimum distance of 15 feet from the centerline of the pipe.
3. The access width shall be determined by the Contractor to suit their operation.
4. The temporary access shall be designed for a minimum of 125% of the maximum load expected. Appropriate dynamic allowance (Impact) and load factors shall be applied.

#### B. Submittals.

1. Submit working drawings, design calculations, material specifications, and supporting documents, along with removal methods, to the Engineer for review.

2. The working drawings shall have sufficient detail to permit the Engineer to conduct a review.
3. Submit material certification to the Engineer before construction work is to commence.
4. The Engineer shall review the submitted information within 90 days from the submittal date. The 90 day review time is applicable for any required re-submittals.
5. Construction on this temporary work shall not commence until the drawings have been approved by the Engineer.
6. Review and approval by the Engineer shall not relieve the Contractor of any responsibility for results obtained by these drawings.

**120298.03 CONSTRUCTION.**

**A. Construction.**

1. Construct the temporary access in accordance with the approved working drawings.
2. Construct in such a manner that no damage occurs to the sewer pipe the access is spanning.
3. Install a barrier rope 15 feet from the sewer centerline on both sides for the limits of construction to prevent accidental driving on the ground over the pipe.

**B. Maintenance.**

Maintain the temporary access at all times.

**C. Removal**

1. Remove the temporary access in its entirety.
2. Remove in such a manner that no damage occurs to the sewer pipe.
3. Dispose of materials resulting from the removal off site.
4. After all the removal is complete, restore the site to its condition before the start of any construction, including re-establishment of vegetation or installation of erosion control measures.

**120298.04 METHOD OF MEASUREMENT AND BASIS OF PAYMENT.**

- A. Payment will be made on a lump sum basis.
- B. The lump sum price for Temporary Access over Sanitary Sewer Pipe shall be full payment for all materials and labor costs involved in the design, construction, maintenance, removal, and disposal of the temporary access, including any operations required to bring the site to its pre-construction condition.