Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

July 07, 2022

NOTICE TO ALL CONTRACTORS:

Proposal #01: **3080-01-40**
Madison - Cambridge
CTH AB Overpass
USH 12
Dane County

3080-01-75, WISC 2022450
Madison - Cambridge
CTH AB Overpass
USH 12
Dane County

3080-01-76, WISC 2022451
Madison - Cambridge
CTH AB Interchange
USH 12
Dane County

Letting of July 12, 2022

This is Addendum No. 03, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
61	Geotextile Type SR, Item 645.0135
129	Casing Pipe 24-Inch, Item SPV.0090.53

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 03

3080-01-40/3080-01-75/3080-01-76

July 07, 2022

Special Provisions

61. Geotextile Type SR, Item 645.0135.

Replace entire article language with the following:

Provide type SR geotextile fabric conforming to standard spec 645 and conforming to the following physical properties:

Test	Method	Value[1]
Minimum Tensile Strength	ASTM D 4632	205 lb/in
Maximum Elongation at Required Strength	ASTM D 6241	400 lb
Minimum Puncture Strength	ASTM D 4632	15%
Maximum Apparent Opening Size	ASTM D 4751	No. 30 sieve
Minimum Permittivity	ASTM D 4491	$0.12\ s^{-1}$

[1] All numerical values represent minimum/maximum average roll values. Average test results from all rolls in a lot must conform to the tabulated values.

[2] For quantities over 1,500 square yards, the engineer will obtain a sample of geotextile for testing from the job site. The engineer will obtain additional samples for each additional 5,000 square yards used in the work.

129. Casing Pipe 24-Inch, Item SPV.0090.53.

Replace entire article language with the following:

A Description

Install steel or reinforced concrete casing pipes for water mains.

B Materials

Refer to Article 702 of the City Standard Specifications and this section.

1. Steel Casing Pipe:
    a. Minimum yield strength of 35,000 psi.
    b. Minimum wall thickness:

Pipe Diameter (inches)	Wall Thickness (inches)
24	0.37500

2. Reinforced Concrete Pipe:
    a. Class V minimum.
3. Carrier Pipe:
    a. US Pipe TR-Flex, or equivalent.
4. Casing fill:
    a. Silica sand or pea gravel.
5. Casing Spacers– Manufactured:
    a. Manufactured casing spacers shall include stainless steel risers, nuts, bolts and bands, minimum 8-inch width, and polymer runners. Acceptable products include:
    b. BWM Company Stainless Steel Casing Spacers, model: BWM-SS 8-inch width.

c. CCI Pipeline Systems Stainless Steel Band Casing Spacer, model: CSS8.
d. Advance Products & Systems Stainless Steel Band Spacers, model: SSI, 8-inch width.

C Construction

Prior to installation of the pipe casing, perform required ULOs to verify the location of surrounding utilities and structures. Provide utility location information to the Engineer for review and approval of any adjustments in casing installation line or grade, in writing.

1. Install per the approved drawings to an accuracy of +/- 1% or +/- 2-feet, whichever is less.
2. Install the pipe casing by traditional open trench construction wherever applicable.
3. For untrenched installation of the pipe casing, install by dry auger boring and jacking methods.
4. Requirements:
    a. Borehole diameter to be essentially the same as the outside diameter of the casing.
    b. Auger is to remain inside the casing at all times.
    c. Pressure-grout the annular space around the casing if the auger is pushed ahead of the casing.
    d. Pressure grout voids as they develop.
    e. Pressure-grout any spaces greater than approximately 1-inch from the outside of the casing.
    f. Provide a steerable front section of casing to allow vertical grade adjustments.
    g. Provide a water level or other means to monitor the grade elevation of the auger casing.
    h. Water jacking for excavation of the soil is not permitted.
5. Provide a boring and jacking plan to the Engineer for review and approval prior to commencing work.
6. Connect adjacent lengths of steel pipe by continuous, circumferential, field butt-welding in accordance with AWWA C206.
7. Install carrier pipe on line and grade through the casing pipe.
8. Install approved casing spacers at the required distances per Standard Detail Drawing 7.21 – ‘Casing Spacers,’ and in accordance with the manufacturer’s installation requirements.
9. Fill the annular space between the casing and carrier pipe with specified sand or gravel material.
10. Take care to ensure that developed thrust pressures do not disturb existing utilities in or around the bore pit area.
11. Properly dispose of excess material off-site.

D Measurement

The department will measure Casing Pipe 24-Inch by the Linear Foot acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.53	Casing Pipe 24-Inch	LF

Payment is full compensation for furnishing and installing all materials, including casing pipe, spacers, tracer wire, granular bedding and backfill, and miscellaneous materials which may be necessary to perform the installation; for testing; and for all excavating and backfilling.

END OF ADDENDUM