

ADDENDUM NO. 1
SEWER SYSTEM IMPROVEMENTS
CONTRACT 16-01
MADISON SQUARE AREA SEWER IMPROVEMENTS
MADISONVILLE, KENTUCKY
WAUFORD PROJECT NO. 2028

Date of Addendum: Thursday, March 23, 2017
Bid Opening: Tuesday, March 28, 2017, 2:00 P.M. Central Time

1. Detailed Specifications, Section 4. Replacement of Gravity Sewers, Manholes, and Appurtenances, Paragraph 7. Railroad Crossings:

Modify this paragraph as follows:

“7. Railroad Crossings

a. General

Where shown on the Plans, railroad crossings for sewers shall be bored to prevent interruption to traffic and to prevent later settlement of the *railbed*. ***The Contractor must be fully equipped and experienced in the installation of pipelines by boring or tunneling methods. The Contractor shall be fully responsible for the successful operation without interruption of traffic and shall be held responsible for any settlement which occurs as a result of his work.***

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE NUMBER OF **CASING SPACERS** AND SIZE REQUIRED TO PREVENT FLOTATION OR NEGATIVE GRADE OF THE CARRIER PIPE.

b. Bored Railroad Crossings

(1) General

Where shown on the Plans, crossing of Railroads shall be made by boring with a steel casing pipe as specified hereinafter. The pipe shall be jacked through a bored hole. The Owner has obtained a crossing permit from CSX. The Contractor is required to comply with all

terms of said permit. ***The Owner will be responsible for procurement of insurance and payment of CSX observers.***

(2) Steel Casing Pipe

Black steel casing pipe shall be manufactured and tested in accordance with ASTM Designation A 139 or A 53, Grade B, 35,000 psi yield strength, and shall meet the American Railway Engineering Maintenance-of-Way Association (AREMA) Specification for Metal Pipe and Arches, Chapter 1, Part 5. Steel casing pipe where shown shall be as follows:

Diameter Carrier <u>in inches</u>	Diameter Casing <u>in inches</u>	Minimum Wall Thickness of Casing in <u>inches</u>	
24	36	0.532	"

2. BID FORM, Pages BF-4 and BF-5:

Replace the attached BF-4* and BF-5*.

3. Plans, Sheet 3:

Revise Construction Note 4 to read as follows:

"4. ***The Contractor shall provide for safe and clear access to the Verizon and Subway property and all times.***"

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



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8. BID FORM - CONTRACT 16-01 – MADISON SQUARE AREA SEWER IMPROVEMENTS (Cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
5.	120 L.F.	24-inch Specially Lined Class 350 Restrained Joint Ductile Iron Pipe Gravity Sewer Line, installed in 36-inch diameter steel casing pipe in bored installations, from manhole to manhole, complete in place, including all excavation and bedding For _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
6.	110 L.F.	36-inch Steel Casing Pipe, 0.532-inch minimum wall thickness bored under CSX Transportation Railroad, including all incidentals except carrier pipe For _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
7.	7 Each	Sewer Service Connections, complete in place, including 6- inch Sewer Service Saddle, adapters if required, excavation, backfilling, 6-inch cleanout with riser and plug, concrete pad, and all incidentals For _____ Dollars _____ Cents, per each	\$ _____	\$ _____

8. BID FORM - CONTRACT 16-01 – MADISON SQUARE AREA SEWER IMPROVEMENTS – (cont'd)

ITEM NUMBER	APPROXIMATE QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	TOTAL PRICE
8.	500 L.F.	6-inch PVC Schedule <i>DR 26</i> Pipe for Service Connections, complete in place, including all excavation For _____ Dollars _____ Cents, per linear foot	\$ _____	\$ _____
9.	10 Each	Plugging Existing Sewers, complete in place, including a minimum of 12-inches (as measured horizontally) of non-shrink grout) For _____ Dollars _____ Cents, per each	\$ _____	\$ _____
10.	14 Each	Standard 5'-0" Diameter Manhole, complete in place For _____ Dollars _____ Cents, per each	\$ _____	\$ _____
11.	3 Each	Standard 4'-0" Diameter Manhole, complete in place For _____ Dollars _____ Cents, per each	\$ _____	\$ _____