

ADDENDUM NO. 2

TO PROSPECTIVE BIDDERS UNDER
 Family Circle Water Main Extension
 Bamberg Board of Public Works
 Bamberg, SC

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED IN THE
 SPACE PROVIDED IN THE BID FORM IN SECTION 00 41 00

Addendum Item	Page or Drawing	Location and Description of Change
PART A – CONSTRUCTION DRAWINGS		
1.	C-00-002	Modify the following: Add detail C-1, attached hereto, to the construction drawings, Page C-00-002, to define minimum restrained joint lengths.
PART B – QUESTIONS AND ANSWERS		
1.	... in regard to the material requirements for the project. Do you know if there is an AIS or BABA requirement for this project? There are no AIS or BABA requirements for this project	
2.	... regarding MBE, WBE, or DBE subcontractor participation. Does this project require participation from these enterprises? If so, what is the required participation percentage? This project does not have any MBE, WBE, or DBE subcontractor participation requirements.	

This addendum shall be incorporated into and made a part of the Contract Documents

****END OF SECTION****

Thrust Restraint Calculations		
Degree °	Diameter (in.)	Required length (ft.)
11.25	6	2.7
22.5	6	5.4
45	6	11.2
90	6	27.1
45 Vert Up	6	11.2
45 Vert Down	6	31.5
11.25	8	3.4
22.5	8	6.9
45	8	14.5
45 Vert Up	8	14.5
45 Vert Down	8	40.8
45 Vert Up	10	17.5
45 Vert Down	10	49.4
11.25	12	4.9
22.5	12	9.8
45	12	20.4
90	12	49.3
	Large Diameter Side of Reducer	Small Diameter Side
12x6 reducer	101.9	202.3
12x8 reducer	74.3	111.1
12x10 reducer	41	49.4
10x6 reducer	104.6	120.8
10x8 reducer	40	49.7
8x6 reducer	41.3	54.8
n/a	12x6 tee	2.8
n/a	12x12 tee	103.2
n/a	8x8 tee	62.1
n/a	8x6 tee	27.7
n/a	10x6 tee	15.6
n/a	6x6 tee	40

Pipe and Laying Condition Factors:

- 4 Feet of cover
- Laying Condition Type 5
- Soil Designation Sand Slt
- Design Pressure 250 psi
- Safety Factor 1.5



SCALE: NONE
 JOB NUMBER: 170031
 DATE: 01/16/2025

Family Circle Water Main Extension

FIGURE

C-1