

CITY OF FLINT

WATER POLLUTION CONTROL

MEDIUM VOLTAGE DISTRIBUTION IMPROVEMENTS

Q1: I believe my questions were misunderstood, Q2A & Q2B. Regarding Line Item 4.2.1. scope of work, size, quantity, and type of conduits.

From the work description:

4.2 The following segment is a new addition to the distribution:

4.2.1 Circuit S2R-9 in Manhole #3 to new Digester Transformer conduits.

4.2.1.1 This is for a future provision of adding a second feed to the Digester Complex. Conductor size is expected to be #2 Cu. All trenching and duct bank work shall be included. The duct bank shall be dyed red and a traceable warning tape shall be placed 12" above the duct bank. The new transformer shall be placed to the East of the existing transformer. A pad shall be poured at the location of the conduits stub-up to prevent damage to the conduits.

4.2.1.2 Provisions shall be made in Manhole 3 for the addition and termination of cabling to provide power to a future Transformer at the Digester Complex

The implication is this is just a new duct bank with empty conduit. Am I understanding that correctly? If so, how many conduits, what size, and what type are required?

A1: That is correct. A new duct bank shall be installed from manhole #3 to a future transformer at the Digester building. A minimum of 3 PVC-DB 4" conduits shall be installed in the duct bank, unless otherwise dictated by industry standard or NFPA 70.