Proposal at October Regional meetings:

Section 4010 (Sanitary Sewers), 1.08 (Measurement and Payment):

E. Sanitary Sewer Service ~~Stub~~ New: The portion of the sanitary sewer service from the main to a point 10 feet outside of the right-of-way line or as specified in the contract documents (comply with Figure 4010.201).

1. **Measurement:** Each type and size of pipe will be measured in linear feet along the centerline of the pipe from the end of the pipe to the centerline of the sewer main.

2. **Payment:** Payment will be made at the unit price per linear foot for each type and size of sanitary sewer service ~~stub~~.

3. **Includes:** Unit price includes, but is not limited to, trench excavation; furnishing and installing pipe; furnishing, placing, and compacting bedding and backfill material; ~~tap;~~ fittings; testing; and inspection.

F. Sanitary Sewer Service Replacement or Relocation: The portion of an existing sanitary sewer service replaced or relocated ~~in a zone of conflict~~.

1. **Measurement:** ~~Each completed relocation will be counted.~~ Each type and size of pipe will be measured in linear feet along the centerline of the pipe from the connection on the upstream end of the pipe to the end on the downstream end of the pipe *(unless it connects to a main, in that case measurement will be to the centerline of the sewer main).* BR comment - We've never done something like this before, but I'm not actually sure how else to handle

2. **Payment:** ~~Payment will be made at the unit price for each relocation.~~ Payment will be made at the unit price per linear foot for each type and size of sanitary sewer service.

3. **Includes:** Unit price includes, but is not limited to, removal of existing pipe, trench excavation, furnishing ~~new~~ pipe and bedding material, placing and compacting bedding and backfill material, connection back to existing service, compaction, testing, and inspection.

G. Sanitary Sewer Service Connection to Sanitary Sewer Main:

1. **Measurement:** Each type and size of sanitary sewer service connection will be counted.

2. **Payment:** Payment will be made at the unit price for each service connection for each type and size based on the sewer main diameter.

3. **Includes:** Unit price includes, but is not limited to, excavation; furnishing, installing wye or tapping the main or repair of existing tap by either complete removal and replacement of existing tap or by use of a saddle, connection back to existing service, placing and compacting bedding and backfill material, testing, and inspection.

(renumber the items that follow)

Regional Committee Comments:

- **Central:** Revise E to cover all situations and measure from the wye to wherever it is terminated or connection, and includes "connection to existing service (if present)". Upstream connection is incidental to G; downstream is always paid. Tabled.
- **East:** Connection should go with letter F and should include fittings; make "includes" language match between E and F. Tabled.
- **West:** Tabled.

Proposal after discussion:

Section 4010 (Sanitary Sewers), 1.08 (Measurement and Payment):

E. Sanitary Sewer Service ~~Stub~~ Pipe: The portion of the sanitary sewer service from the ~~main to a point 10 feet outside of the right-of-way line~~ downstream connection to the downstream connection or location or as specified in the contract documents (comply with Figure 4010.201).

1. **Measurement:** Each type and size of pipe will be measured in linear feet along the centerline of the pipe from the end of the pipe to the centerline of the sewer main.

2. **Payment:** Payment will be made at the unit price per linear foot for each type and size of sanitary sewer service ~~stub~~.

3. **Includes:** Unit price includes, but is not limited to, trench excavation; furnishing and installing pipe; furnishing, placing, and compacting bedding and backfill material; ~~tap;~~ fittings; testing; and inspection.

~~**F. Sanitary Sewer Service Relocation:** The portion of an existing sanitary sewer service replaced or relocated in a zone of conflict.~~

~~1. **Measurement:** Each completed relocation will be counted.~~
~~2. **Payment:** Payment will be made at the unit price for each relocation.~~

~~3. **Includes:** Unit price includes, but is not limited to, removal of existing pipe, trench excavation, furnishing new pipe and bedding material, placing and compacting bedding and backfill material, connection back to existing service, compaction, testing, and inspection.~~

G. Sanitary Sewer Service Connection to Sanitary Sewer Main:

1. **Measurement:** Each type and size of sanitary sewer service connection will be counted.

2. **Payment:** Payment will be made at the unit price for each service connection for each type and size based on the sewer main diameter.

3. **Includes:** Unit price includes, but is not limited to, excavation; furnishing, installing wye or tapping the main or repair of existing tap by either complete removal and replacement of existing tap or by use of a saddle; connection ~~back~~ to existing downstream service; placing and compacting bedding and backfill material; connection to upstream service (if present); testing; and inspection.