

PROPOSED CHANGES TO ITEM NO. 501S JACKING OR BORING PIPE

- 1) Revise the last sentence of the 1st paragraph of 501S.1 as follows:

This item shall also include, but not be limited to other construction activities such as traffic control measures, excavation, removal of all materials encountered in jacking or boring pipe operations, disposal of all material not required in the work, grouting, ~~bulkhead~~ end seal installation, backfilling and re-vegetation.

- 2) Add the following to the 10th paragraph of 501S.4.A:

Immediately after jacking or boring is complete and the encasement pipe is accurately positioned and approved for line and grade, the clear space between the pipe and the surrounding excavated material shall be completely filled by pressure grouting for entire length of installation if the encasement pipe is 36 inches or larger in diameter.

- 3) Revise the 11th paragraph of 501S.4.A as follows:

~~After placement of the carrier pipe is complete, the ends of the encasement pipe shall be bulkheaded with brick, concrete blocks or stones of sufficient mass to prevent the intrusion of backfill, etc. into the encasement pipe. The bulkhead shall also be provided with sufficient number and placement of weep holes to facilitate the escape of the contents of carrier pipe should failure occur.~~ sealed with end seals meeting SPL WW-575A.

- 4) Revise the 1st sentence of the 12th paragraph of 501S.4.A as follows:

As soon as possible after the carrier pipe(s) and ~~bulkheads~~ end seals are completed, the work pits or trenches, which are excavated to facilitate these operations, shall be backfilled.

- 5) Revise the 2nd sentence of the 1st paragraph of 501S.6 as follows:

The price shall include full compensation for furnishing, preparing, hauling and installing required materials, encasement pipe, ~~bulkhead~~ end seals, for grouting and for labor, tools, equipment and incidentals necessary to complete work, including excavation, backfilling and disposal of surplus material.