

**125 PIPE TRENCH EXCAVATION.**  
**(REV 3-24-04) (FA 4-13-04) (1-05)**

SUBARTICLE 125-4.4 (Pages 168 and 169) is expanded by the following:

For pipe trenches utilizing trench boxes, ensure that the trench box used is of sufficient width to permit thorough tamping of bedding material under and around the pipes as specified in 125-8.1.6.

Do not disturb the installed pipe and its embedment when moving trench boxes. Move the trench box carefully to avoid excavated wall displacement or damage. As the trench box is moved, fill any voids left by the trench box and continuously place and compact the backfill material adjacent to and all along the side of the trench box walls to fill any voids created by the trench box.

SUBARTICLE 125-8.1.6 (Page 170). The first paragraph is deleted and the following substituted:

**125-8.1.6 Placement and Compaction:** Place the material in horizontal layers not exceeding 6 inches [150 mm] compacted thickness, in depth above water level, behind abutments, wingwalls and end bents or end rest piers, under the haunches of the pipes and around box culverts and all structures including pipe culverts. When the backfill material is deposited in water, compact as specified in 125-8.2.5 and 125-8.3.4.

SUBARTICLE 125-9.2.1 (Page 172). The first paragraph is deleted and the following substituted:

**125-9.2.1 Density:** Obtain a minimum Quality Control (QC) density in any LOT of 100% of the maximum density as determined by AASHTO T 99, Method C, or the requirements of 125-8.3.3.1 when applicable. For metal and plastic pipe, compact the backfill in the cover zone and under the haunches to a density of at least 95% of the maximum density as determined by AASHTO T 99, Method C.