

TOWNSHIP OF MIDDLETOWN

(DELAWARE COUNTY)

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STREET RESTORATION REQUIREMENTS

Brief Overview

Backfill and Restoration for Township Streets shall be made as follows:

Suitable material from the excavated trench must be retained to provide insulation around and over the utility to a height not to exceed twelve (12) inches over the top of the pipe, conduit, etc.. This material shall be compacted in four (4) inch layers. The remaining excavated material must be removed from the site (unless said material meets the specifications for 2RC material as determined by the Township). The trench must then be backfilled with 2A Modified material compacted in eight (8) inch layers using an approved vibratory compactor. Compaction is to be completed to the bottom elevation of the pavement structure to a density of 95%.

Prior to the replacement of the base course, the existing base and surface courses must be cut back one (1) foot on each side of the excavated area to a minimum width of four (4) feet. The base course shall be replaced with a minimum of 5 inches of BCBC. This base course shall be followed with a minimum of 2 inches of binder material and a 1 ½ inch top course of ID-2A. The top course shall match the elevation of the adjacent existing pavement.

All restored openings shall be rectangular in shape. Where individual openings are less than five (5) feet apart, they shall be incorporated into one continuous bituminous patch.

A hot seal coat shall be applied to all edges of the finished patch.

When a longitudinal opening longer than 100 linear feet has been made or two (2) or more transverse openings within 100 linear feet or four (4) or more emergency openings within 100 linear feet, the entire length of street that was opened shall be overlaid. This may require only a one lane overlay or a full street overlay depending on the placement of the openings. One lane overlays will require the centerline to be milled to a depth of 1 ½ " to match the overlay and the shoulder to be raised.

More detailed specifications for street openings can be found in Pennsylvania Code Title 67, Chapter 459, Occupancy of Highway by Utilities, as amended, adopted by Middletown Township.

Backfill and restoration of the shoulder of Township Streets shall be made as follows:

Suitable material from the excavated trench must be retained to provide insulation around and over the utility to a height not to exceed twelve (12) inches over the top of the pipe, conduit, etc.. This material shall be compacted in four (4) inch layers. The remaining excavated material must be removed from the site. The trench must then be backfilled with 2A Modified material compacted in eight (8) inch layers using an approved vibratory compactor. Compaction is to be completed to the top elevation of the adjacent pavement structure to a density of 95%.