

**CITY OF BONITA SPRINGS  
PAVEMENT RESTORATION GUIDELINES  
(COMMERCIAL)**

**GENERAL NOTES:**

Base and backfill material shall be the same type and composition as the materials removed or equal. Material of greater structural adequacy will also be permitted. Existing material removed during construction shall be permitted to be used as backfill provided that it has not been contaminated with deleterious material and provided that it is at least equal to minimum City standards.

Base material over excavated portion of ditch shall be at least twice the thickness as the original base material.

Base material shall be placed in layers not greater than 6" and each layer shall be tamped or rolled to obtain the minimum specified density.

Pavement joints shall be mechanically sawed and tacked prior to patching. Surface treatment joints shall be lapped and feathered.

Replacement pavement surface course shall be consistent with adjacent existing surface unless specified otherwise in the Permit.

Top of underground cable or pipe shall be a minimum of 30" below the existing pavement, or the existing ground elevation where crossing ditches or swales, unless otherwise approved by the City of Bonita Springs, Public Works Department.

"As-built" drawings will not be required as long as the work as done is shown correctly on the permit issued for the work.

The City must be notified at least 24 hours prior to beginning work, and within 24 hours after work is completed. This notification requirement is in addition to any calls for required inspections.

**DENSITY REQUIREMENTS:**

Backfill for Stages 1 and 2, and base material shall be placed in layers not to exceed 6" (compacted thickness). Compaction shall be 100% of AASHTO T-00 (Standard Proctor) or 98% of AASHTO T-180 (Modified Proctor).

Stage 1: Provide compacted fill beneath and around the pipe or duct to the spring line elevation (midpoint of pipe or duct) using an appropriate tamping method suitable to the work and accepted by the City of Bonita Springs Public Works Department. If required by soil conditions, the Stage 1 bedding shall be placed on a layer of stone or gravel at least 5" thick.

Stage 2: Backfill shall continue in lifts to the top of the subgrade. Each lift shall be mechanically tamped to insure adequate compaction. The City of Bonita Springs Public Works Department may require density tests to confirm the achievement of minimum compaction requirements. Such testing, if necessary, shall be at the sole expense of the permittee.

Base Material: Place base material and compact mechanically to achieve 98% of maximum density by AASHTO T-180 (Modified Proctor) under the existing or proposed roadway.