

SURFACE RESTORATION AND PAVING

A. GENERAL NOTES

- 1) This specification shall apply to any and all utility work or street modifications such as drainage improvements or other construction deemed appropriate by the Town Engineer. The Contractor shall restore all surfaces damaged by their operations to the widths and extent detailed or specified herein.
- 2) Surface restoration in Town streets and roads shall be in accordance with the Maryland State Highway Administration Standard Specifications and these Town Standards.
- 3) Existing pavement shall be trimmed to secure a straight clean edge for repaving. Saw cut pavement as shown on PW-1.06 or as directed to obtain a clean pavement edge. All trenches shall be cut back by one (1') foot on either side of the trench.
- 4) No staggered or irregular longitudinal trench repair widths shall be allowed. Repairs shall be of a uniform width and in a straight line.
- 5) Minimum temporary trench restoration width is five (5) feet. Actual width shall vary based on field conditions as determined by the Town Engineer.
- 6) All street repair areas shall include trench restoration where applicable, plus mill and overlay. Mill and overlay shall include the full lane width of any street disturbed. On horizontal crossings the minimum run of the street to be milled and overlaid shall be thirty (30) feet, centered on the disturbance. Should multiple cross road repairs be created, mill and overlay shall continue the full lane width to include all trenches where cross road repairs are less than fifty (50) feet apart. Longitudinal trenches shall include mill and overlay for 1 full lane width for 15 feet beyond the excavation for each lane disturbed.
- 7) Undermined areas shall be grout filled or cut back.
- 8) A temporary two (2") inch layer of cold patch shall be placed on all utility trenches where weather conditions or other delays do not permit final repairs within seven (7) calendar days.
- 9) Metal plating may be used at the end point of the utility laying operation and must be used to protect the integrity of concrete patches. Contractor shall post warning signs.
- 10) All adjustments to existing utilities must be made prior to paving operations and repeated if there is any damage due to rolling and compacting operations. Manhole or catch basin adjustments shall be done with adjustment rings, brick courses, or mortar layers, subject to Easton Utilities approval.
- 11) Paving operations shall be performed if the following minimum temperatures are met:
 - a) 32 degrees and rising for any hot mix base course
 - b) 40 degrees and rising for any hot mix surface course
 Lift thickness shall be limited to:
 - a) 2" for 9.5mm superpave
 - b) 3" for 19mm superpave
 - c) 4" for aggregate
 - d) 8" for backfill
- 12) Catch basins, inlets, curbs and all other appurtenances shall be adequately covered and protected prior to application of bituminous materials. No earth or bituminous materials shall be allowed to enter any storm drainage system. Suitable containment provisions shall be employed to prevent surface runoff of bituminous materials.
- 13) The final surface shall provide a smooth transition, free of abrupt changes in grade, is made with adjacent pavements and/or sidewalk. No depressions or other misalignment shall obstruct, trap or otherwise misdirect the flow of surface water drainage.
- 14) All pavement shall be cut back one foot (1') on either side of the trench

B. MAINTENANCE OF REFILLED EXCAVATIONS

- 1) All depressions appearing in the refilled excavation, stabilized base and temporary paving shall be properly refilled. If the Contractor fails to make repairs within 48 hours after receipt of written notice from the Town Engineer, the Town may refill said depressions and the cost thereof shall be billed to the Contractor. In case of emergency, the Town may refill any depression or protect with barricades without giving previous notice to the Contractor, and the cost of so doing shall be billed to the Contractor.
- 2) The Contractor shall be responsible for any injury or damage that may result from lack of maintenance of any refilled excavation at any time.

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APPROVAL  TOWN ENGINEER	REVISED JAN 1, 11 _____ _____ _____	TOWN OF EASTON AND EASTON UTILITIES STANDARD DETAILS SURFACE RESTORATION & PAVING NOTES
ISSUED: FEB 25, 2009		STANDARD NO. PW-1.09