

REQUIREMENTS FOR RESTORATION OF PLUMBER'S DITCHES ON HISTORICALLY DESIGNATED STREET

COMPLY WITH THE CURRENT DEPARTMENT OF STREETS REGULATIONS FOR OPENING AND RESTORING STREET OPENINGS AND AS AMENDED BELOW:

- REMOVE, STOCKPILE AND STORE HISTORIC PAVING MATERIAL AT A SECURE LOCATION
- AFTER COMPLETION OF THE PLUMBING REPAIR, BACKFILL EXCAVATION WITH CLEAN UNFROZEN MATERIAL IN ACCORDANCE WITH DEPARTMENT OF STREETS REGULATIONS.
- BEFORE RESTORATION OF THE DITCH, PAVING MATERIAL INCLUDING EXISTING BASE COURSE SHALL BE CUT BACK A MINIMUM OF SIX INCHES WIDER THAN THE ORIGINAL OPENING ON ALL SIDES.
- IF THE ENLARGED CUT BACK LEAVES LESS THAN TWO FEET FROM THE CURB LINE, EXTEND PAVING AND BASE COURSE REMOVAL TO THE CURB. ADEQUATELY SUPPORT THE EXISTING CURB UNTIL THE BASE COURSE IS RESTORED.
- IF HISTORIC PAVING MATERIAL IS NOT GRANITE BLOCK OR BRICK, CONTACT THE STREETS DEPARTMENT TRANSPORTATION DIVISION FOR METHOD OF RESTORATION.
- BASE COURSE SHALL BE RESTORED WITH EIGHT INCH THICK HIGH EARLY STRENGTH CONCRETE (PENNDOT 408 SECTION 703.1). CONCRETE BASE COURSE SHALL BE BROUGHT UP LEVEL WITH THE EXISTING BASE COURSE.
- FOR **GRANITE BLOCK** PAVING PLACE A SETTING BED OF THOROUGHLY MIXED ONE PART CEMENT TO FOUR PARTS SAND AT A MINIMUM THICKNESS OF ¾ INCHES. FOR **BRICK** PAVING PLACE A SETTING BED OF THOROUGHLY MIXED ONE PART CEMENT TO FOUR PARTS SAND AT A MINIMUM THICKNESS OF ONE INCH. CEMENT AND SAND SHALL MEET THE REQUIREMENTS OF AASHTO M85 (PENNDOT 408 SECTION 701) AND TYPE C (PENNDOT 408 SECTION 703.1) RESPECTIVELY.
- CLEAN THE STOCKPILED HISTORIC PAVING MATERIAL PRIOR TO RESETTING. IF ADDITIONAL PAVING MATERIAL IS REQUIRED, THE GRANITE BLOCK OR BRICK SHALL MATCH THE COLOR AND TEXTURE OF THE EXISTING PAVING MATERIAL AS CLOSELY AS POSSIBLE.
- RESET STOCKPILED HISTORIC PAVING MATERIAL ON THE SETTING BED TO AN EVEN SOLID BEARING MATCHING THE ELEVATION OF EXISTING PAVING. MATCH SETTING PATTERN AND JOINT SPACING OF EXISTING PAVING.
- REGROUT BLOCK AND BRICK JOINTS WITH ONE PART CEMENT TO TWO PARTS SAND MIXED WITH CLEAN WATER AND BROOMED INTO THE JOINTS. CEMENT AND SAND SHALL MEET THE REQUIREMENTS OF AASHTO M85 (PENNDOT 408 SECTION 701) AND TYPE C (PENNDOT 408 SECTION 703.1) RESPECTIVELY. GROUTING IS PROHIBITED WHEN THE AIR TEMPERATURE FOR A TWENTY-FOUR HOUR PERIOD IS EXPECTED TO FALL BELOW 35 F, NOR DURING RAIN
- AFTER INITIAL GROUT BROOMING HAS SET, APPLY SECOND GROUT BROOMING MATCHING JOINTS OF EXISTING PAVING. ANY EXCESS GROUT SHALL BE REMOVED FROM THE SURFACE OF THE BLOCK OR BRICK.
- PROTECT COMPLETED WORK FROM TRAFFIC UNTIL GROUT HAS SET