

Village of Wheeling - Paving Notes

- 1) Subgrade shall be finished to ± 0.1 foot of design subgrade elevations by the earthwork contractor. Fine grading for pavements and curb & gutter shall be the responsibility of the paving contractor.
- 2) Prior to the placement of any pavement including curbs, the subgrade shall be proof-rolled with a fully loaded tandem axle dump truck (minimum 20 tons). Proof rolling shall be witnessed by the materials consultant and the Village of Wheeling Engineering Inspector. Proof rolling shall be required on the base material as well. The density of the subgrade and base material as well as the Hot-Mix Asphalt shall be tested by a materials consultant. The test results shall be provided to the engineer for his use in determining the adequacy of the pavement design.
- 3) Base course shall be Aggregate Base Course, Type B, conforming to the standard specifications (see plans for thickness). Material shall be crushed limestone, grade 8 or grade 9, virgin material or Village approved.
- 4) Hot Mix Asphalt (HMA) pavement shall be constructed using Hot-Mix Asphalt Binder Course, IL-19.0, N50 and Hot-Mix Asphalt Surface Course, Mix "C", N50 material.
- 5) All removal items shall be saw-cut full depth prior to the commencement of the removal process.
- 6) Curb and gutter, barrier curb, sidewalk, and driveways shall be a six (6) bag mix Portland Cement Concrete (PCC) with air entrainment content between 5 and 8%. Maximum allowable slump is four (4) inches. Curing compound shall be white pigmented and applied after finishing per IDOT specifications. Locations of water and sanitary sewer service lines shall be clearly marked on all new curbs.
- 7) Saw cut existing curb at limit of the work and replace with depressed curb as required. Drill and dowel all new curb, including depressed curb to existing as required.
- 8) A 3/4 inch fiber expansion joint shall be installed when the curb abuts a sidewalk, existing curb, or any other existing concrete pavement.
- 9) Curb and gutter and barrier curb shall have sawed contraction joints at maximum intervals of twenty (20) feet and 3/4 inch fiber expansion joint with two (2) oiled and capped one (1) inch smooth epoxy coated dowel bars at maximum intervals of fifty (50) feet.
- 10) All commercial, industrial and truck loading areas in the right-of-way shall be a minimum of eight (8) inch thick Portland Cement Concrete on a four (4) inch compacted granular base.
- 11) Driveway apron removal and replacement for all business, industrial and commercial areas shall include the installation of a truncated dome handicapped sidewalk ramp on both sides of the apron unless otherwise approved by the Village of Wheeling Engineering Inspector.
- 12) All driveway material thicknesses shall meet the minimum pavement standard requirements of the Village of Wheeling.
- 13) All pavement areas such as driveways shall have a two (2) inch diameter galvanized steel conduit buried beneath them at a depth of 24" (minimum) for future street light cable(s). The conduit shall extend a minimum of three (3) feet beyond the back of curb or edge of the pavement if no curb exists.
- 14) All dimensions for curbs are to be back of curb, unless otherwise specified.
- 15) The use of cold-patch for temporary pavement patching shall be approved by the Village of Wheeling Engineering Inspector **prior** to placement.