

**APPENDIX B - Thickness Requirements for Asphalt Paved Streets**

PAVEMENT DESIGN		
STREET CLASSIFICATION	OPTION 1	OPTION 2
<b>LOCAL</b> <i>*Also Typical for Paved Shoulders</i>	1.5 inch 9.5mm HMA Surface 3.0 inch 19.0mm HMA Intermediate 8.0 inch No. 53 Compacted Aggregate	1.5 inch 9.5 mm HMA Surface 3.0 inch 19.0mm HMA Intermediate 4.0 inch 25.0mm HMA Base
<b>COLLECTOR</b>	1.5 inch 9.5mm HMA Surface 6.0 inch 25.0mm HMA Base 8.0 inch No. 53 Compacted Aggregate	1.5 inch 9.5mm HMA Surface 5.0 inch 25.0mm HMA Base 5.0 inch 25.0mm HMA Base
<b>ARTERIAL</b>	1.5 inch 9.5mm HMA Surface 3.0 inch 19.0mm HMA Intermediate 5.0 inch 25.0mm HMA Base 8.0 inch No. 53 Compacted Aggregate	1.5 inch 9.5mm HMA Surface 3.0 inch 19.0mm HMA Intermediate 4.0 inch 25.0mm HMA Base 5.0 inch 25.0mm HMA Base
<p>NOTES:</p> <p>(1) <b>Arterial streets</b></p> <p><b>Commercial streets</b>  <b>Industrial streets</b> } These types of streets must be designed and constructed in accordance with current Indiana Department of Transportation (INDOT) and American Association of State Highway and Transportation Official (AASHTO) standards; approval of the County Technical Review Committee is <u>required</u>.</p> <p>(2) As noted earlier in <sup>A</sup> conform to the current Specifications, the current effective INDOT Supplemental Specifications, INDOT Standard Drawings, and the applicable improvement drawings.</p> <p>Construction activities include, but are not limited to, excavation, grading, backfill and compaction. Construction improvements include, but are not limited to, drainage structures, sidewalks, curbs and gutters, and streets.</p> <p>(3) Local and Collector streets and curb and gutter improvements shall have an INDOT Type II subgrade. Sidewalks and driveways shall have an INDOT Type III subgrade.</p> <p>(4) Asphalt prime coat shall be applied to compacted aggregate base prior to HMA placement.</p> <p>(5) Asphalt tack coat shall be applied between HMA lifts.</p>		