

# **SECTION 23**

# **PUBLIC STREETS & ALLEYS MATERIALS**

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#### 23.1 General

This section provides a description of the materials acceptable for the construction of public streets. Use of other materials which are not specified herein shall only be permitted with the written approval by the City and City Engineer.

#### 23.2 Pavement Materials

##### A. General

All materials shall be obtained from a source(s) which currently supplies similar approved materials for the Indiana Department of Transportation projects.

##### B. Concrete Pavement

All concrete pavement shall be composed of Portland cement concrete, with or without reinforcement as may be specified, constructed on a prepared and compacted base course in close conformance with the INDOT Standard Specifications, Section 500, latest edition. Concrete pavements shall contain air entrainment and be finished with a broom-type finish.

##### C. Bituminous Pavement

Bituminous material for wedge and leveling, approaches, base, binder and surface shall be furnished in accordance with INDOT Standard Specifications, Sections 300, 400 and 610, as applicable.

Bituminous surface and base courses shall be Hot Asphaltic Concrete. Unless otherwise directed or permitted by the City, the base mixture shall be No. 5LV with 4.3 percent asphalt or shall be Compacted Aggregate No. 53. Unless otherwise directed or permitted by the City, the surface mixture shall be size No. 11LV with 6.0 percent asphalt or No. 12 LV with 6.2 percent asphalt.

Bituminous binder shall be Hot Asphaltic Concrete, and unless otherwise directed or permitted by the City, the binder mixture shall be size No. 9 LV with 4.8 percent asphalt or No. 11 LV with 5.0 percent asphalt.

Bituminous material for wedge and leveling shall consist of bituminous binder as set out above. Such material shall meet all requirements of Bituminous Binder as set out in the Standard Specifications Section 400.

Cover aggregate for Type 2 or Type 5 seal coat shall be limestone chips.

Bituminous mixtures for approaches shall meet all the applicable requirements of Sections 400 and 600 of the Standard Specifications.