

INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION



232-6775

September 1, 2005

DESIGN MEMORANDUM No. 05-29
TECHNICAL ADVISORY

TO All Design, Operations, and District Personnel and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
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Contracts and Construction Division

SUBJECT: Curbed Section in Suburban or Intermediate Urban Area

EFFECTIVE: Immediately

Paved shoulder widths for the subject curbed sections are as shown in Figure 05-29A below.

METRIC UNITS, Meters		
Functional Classification	Suburban	Intermediate
New Construction or 4R		
Arterial, Multi-Lane	Right, Des.: 3.0; Min.: 0.6 Left, Des.: 1.2; Min.: 0.6	Right, Des.: 2.4; Min. 0.6 Left, Des.: 1.2; Min. 0.6
Arterial, 2-Lane	Des.: 3.0; Min.: 0.6	Des.: 2.4; Min.: 0.6
Collector	Des.: 2.4; Min.: 0.6	Des.: 1.8; Min.: 0.6
Local Street	Des.: 1.2; Min.: 0.6	Des.: 1.2; Min.: 0.6
3R		
Arterial, Multi-Lane	Right, Des.: 3.0; Min.: 0.3 Left, Des.: 1.2; Min.: 0.3	Right, Des.: 2.4; Min.: 0.3 Left, Des.: 0.9; Min.: 0.6
Arterial, 2-Lane	Des.: 3.0; Min.: 0.3	Des.: 2.4; Min.: 0.3
Collector	Des.: 2.4; Min.: 0.3	Des.: 1.8; Min.: 0.3
Local Street	Des.: 1.2; Min.: 0.3	Des.: 1.2; Min.: 0.3

ENGLISH UNITS, Feet		
Functional Classification	Suburban	Intermediate
New Construction or 4R		
Arterial, Multi-Lane	Right, Des.: 10; Min.: 2 Left, Des.: 4; Min.: 2	Right, Des.: 8; Min. 2 Left, Des.: 4; Min. 2
Arterial, 2-Lane	Des.: 10; Min.: 2	Des.: 8; Min.: 2
Collector	Des.: 8; Min.: 2	Des.: 6; Min.: 2
Local Street	Des.: 4; Min.: 2	Des.: 4; Min.: 2
3R		
Arterial, Multi-Lane	Right, Des.: 10; Min.: 1 Left, Des.: 4; Min.: 1	Right, Des.: 8; Min.: 1 Left, Des.: 3; Min.: 1
Arterial, 2-Lane	Des.: 10; Min.: 1	Des.: 8; Min.: 1
Collector	Des.: 8; Min.: 1	Des.: 6; Min.: 1
Local Street	Des.: 4; Min.: 1	Des.: 4; Min.: 1

Des. = Desirable; Min. = Minimum.

PAVED SHOULDER WIDTHS FOR CURBED SECTIONS

Figure 05-29A

For new construction or 4R work, the curb offset should be 0.6 m (2 ft), and is included in the paved shoulder width. For an arterial or a collector, vertical curbs introduced intermittently should be offset 0.6 m (2 ft). For a local street, vertical curbs which are either continuous or introduced intermittently may be offset 0.3 m (1 ft).

For 3R work, the curb offset should be 0.3 m (1 ft), and is included in the paved shoulder width. Vertical curbs which are either continuous or introduced intermittently should be offset 0.3 m (1 ft).

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