

Type of Facility	Urban/Rural	Design-Year AADT	Bridge Clear-Roadway Width (1)
State Highway	Rural	All	(2) Minimum 31'-4"
State Highway	Urban	All	Uncurbed: (2) Minimum 31'-4" Curbed: Full Approach Curb-to-Curb Width
Local Agency Arterial	Rural	All	(2)
Local Agency Arterial	Urban	All	Uncurbed: (2) Curbed: Full Approach Curb-to-Curb Width
Local Agency Collector (3)	Rural	AADT < 400	Traveled way + 4 ft (2-ft shoulder on each side)
		$400 \leq \text{AADT} < 3000$	Traveled way + 6 ft (3-ft shoulder on each side)
		$3000 \leq \text{AADT} < 5000$	Traveled way + 8 ft (4-ft shoulder on each side)
		AADT $\geq 5000$	(2)
Local Agency Collector (4)	Urban	All	Uncurbed: (2) Curbed: Full Approach Curb-to-Curb Width
Local Agency Local Road (5)	Rural	AADT < 400	Traveled way + 4 ft (2-ft shoulder on each side)
		$400 \leq \text{AADT} < 5000$	Traveled way + 6 ft (3-ft shoulder on each side)
		AADT $\geq 5000$	(2)
Local Agency Local Street (4)	Urban	--	Uncurbed: Same as local rural road
		All	Curbed: Full Approach Curb-to-Curb Width

**BRIDGE CLEAR-ROADWAY WIDTH  
(3R Project)**

**Figure 59-1F**

Notes:

- (1) *The values given in this table are minimums. The values accommodating shy-line offsets per Figure 49-5F are desirable.*
- (2) Bridge Clear-Roadway Width. *The bridge clear-roadway width is the sum of the following:*
  - a. *the approach traveled-way width;*
  - b. *the approach effective usable-shoulder width without guardrail; and*
  - c. *a bridge-railing offset (see Figure 59-1G).*

*The effective-usable-shoulder width is equal to the usable-shoulder width minus 1 ft.*

*Where it is permitted to have a bridge clear-roadway width that is narrower than the travel lanes plus the effective-usable-shoulder width on each side, a guardrail transition, collinear with the bridge railing, should be provided. Thereafter, the guardrail should be flared at a 30:1 ratio until the guardrail length satisfies the length-of-need requirement or it intersects the approach guardrail.*

*For the median shoulders of a divided facility with two or more lanes in each direction, each bridge will have a 5'-8" median-shoulder width where a concrete shape F or type TF-2 railing is used, or a 6'-0" median-shoulder width where another bridge-railing type is used.*

- (3) Local Agency Rural Collector Road. *The following will apply:*
  - a. *These criteria are required for a Federal-aid project.*
  - b. *Where the approach roadway width is surfaced (traveled way plus shoulders), that surfaced width will be carried across the structure.*
  - c. *The width of each bridge of more than 100 ft length will be analyzed individually. At a minimum, the clear-roadway width of such a bridge will be the width of the traveled way plus a 3-ft shoulder on each side where the AADT > 3000.*
- (4) Local Agency Urban Street. *These criteria are required for a Federal-aid project.*
- (5) Rural Local Road. *The following will apply:*
  - a. *These criteria are required for a Federal-aid project.*
  - b. *The width of each bridge of more than 100 ft length will be analyzed individually. At a minimum, the clear-roadway width of such a bridge will be the width of the traveled way plus a 2-ft shoulder on each side where the AADT > 400.*

**BRIDGE CLEAR-ROADWAY WIDTH  
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**Figure 59-1F (Continued)**