CHAPTER 1, APPENDIX A

3R BRIDGE WIDTH CRITERIA DOCUMENTATION

County ______________________________  S.R. _______________  Section _____________
Local Route Number/Name _______________________________________________________
Construction Year ADT ___________  Roadway Classification ____________________________
Design Year ADT _______________  3R Roadway Width ____________________ ft
Truck Percentage _______________  Proposed Traveled Way Width_______________ ft
Proposed Shoulder Width___________________ ft

All of the following conditions must be true in order to use 3R roadway width as the proposed bridge width. (Indicate Yes or No for each item.)

_____ The proposed bridge is on a roadway functionally classified as a Local, Collector, or Arterial, and is not on the NHS system.

_____ The proposed bridge width is not narrower than the existing bridge width or the existing approach roadway width, excluding any tapers to the existing bridge.

_____ The roadway within the vicinity of the subject bridge is not anticipated to be reconstructed to meet new construction criteria within the next 20 years.

_____ There is no approved planning at the local, county, regional, or state level to suggest future development pressures will make the proposed bridge width incompatible with future land use in the project corridor.

_____ The proposed bridge width will not restrict sight distance or turning movements adjacent to the bridge.

_____ Winter maintenance and drainage needs are met by the proposed bridge width.

_____ An analysis of crash data has been conducted and the subject location has no history of crashes related to the existing bridge width, or crash potential will be mitigated by the proposed bridge width.

_____ The subject roadway does not service a sufficient percentage of heavy trucks, buses, large farm equipment, or emergency vehicles such that these vehicles should govern design.

_____ The proposed bridge will provide adequate accommodation for pedestrians and bicyclists, in accordance with Publication 10X, Design Manual, Part 1X, Appendices to Design Manuals 1, 1A, 1B, and 1C, Appendix S.

_____ Appropriate safety features and/or advisory signing will be included in final construction plans.
The proposed bridge width is compatible with the geometry of the adjacent roadway sections.

If the bridge length is < 200 ft and the ADT is 5000 to 10,000, the proposed bridge width is $\geq 32$ ft, so the bridge is not classified as functionally deficient. (Refer to Chapter 1, Minimum Width Criteria for Bridges, General Bridge Width Table Notes, Note (n)).

Other conditions supporting the use of 3R roadway width as bridge width:

List the safety features that will be included in the final construction plans:

Recommended By: ____________________________________ Date: _________________
Design Plans Engineer

Recommended By: ____________________________________ Date: _________________
Design Bridge Engineer

Recommended By: ____________________________________ Date: _________________
Design Safety Engineer

Approved By: ____________________________________ Date: _________________
Assistant District Executive – Design

Note: This completed and signed form must be archived and retrievable in perpetuity, or two years after the next capital improvement.