

AHTD LETTERHEAD:

April 29, 1987

Mr. R. G. Fairbrother  
Division Administrator  
Federal Highway Administration  
3128 Federal Office Building  
Little Rock, Arkansas 72201

Design of Urban Roadway  
and Bridge Sections

Dear Mr. Fairbrother:

This letter will summarize the agreements reached between FHWA and AHTD on April 27, 1987, concerning urban bridge and roadway design.

Your letter of February 26, 1987, stated that the use of raised shoulders is unacceptable. You further requested the Department adopt sections which meet AASHTO. The agreements reached on the following items should resolve the issue:

1. Where sidewalks are constructed, the minimum width will be six (6) feet for both roadways and bridges except that sidewalks on bridges may be four (4) feet when the bridge length approaches 250 feet.
2. Gutter width for curbed sections will remain at one (1) foot.
3. AHTD will attempt to eliminate curbed sections involving bridges to the maximum extent possible.
4. When provisions are to be made for sidewalks, the sidewalk will be shown in the plans. Sidewalk surfacing materials may vary from a seal coat to concrete.
5. For low speed conditions when curb and sidewalk are used, the approach roadway width (face to face of curb) will be carried across the structure with a curbed walkway.
6. For intermediate speed conditions with curb and sidewalk, design sections will be decided on a project basis.
7. For high speed conditions, curbs, where necessary, will be located at least at the outer shoulder edge with full shoulder width carried across the structure. If needed, sidewalks will be located beyond the outer edge of shoulder.

We trust this satisfactorily addresses all concerns.

Very truly yours,

Brooks O. Nichols  
Asst. Chief Engineer - Design