

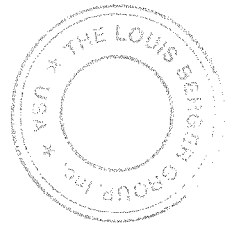
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Ministry of Road Transport &  
Highways

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# **SPECIFICATIONS FOR ROAD AND BRIDGE WORKS**

(Fourth Revision)



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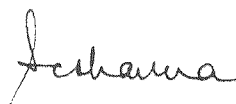
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## PREFACE TO THE FOURTH REVISION

This edition of *Specifications for Road & Bridge Works* marks the fourth revision. In the past few years significant developments have taken place in the road sector. A large scale highway modernisation programme has been undertaken which opens up immense opportunities to introduce innovative materials and new techniques in highway construction and maintenance. The major emphasis is on pavement durability and cost effective solutions with environmental preservation and road user safety in focus. In keeping with these needs *Addendum to Third Revision of Specifications* was issued in November, 2000, which included revised specifications for bituminous work covered under Sections 500, 900 & 3000 on the basis of indigenous research results, feed back and international practices. The fourth revision incorporates the *Addendum* and other amendments and changes that have been effected till date.

The most important additions to the range of specifications are bituminous cold mixes, modified binders, crack prevention courses, and sand asphalt base course. It is hoped that the new specifications introduced for the first time will find wide application in practice, and feed back on their performance will be made available by field engineers and users of this document for further improvement in its future editions.

The fourth revision of *Specifications for Road & Bridge Works* has been possible with concerted efforts of the officers of the Roads Wing, the consultants and several other individuals who contributed to this document. I wish to express my gratitude to them all.



(S.C. SHARMA)

New Delhi  
August, 2001

Director General (Road Development) &  
Additional Secretary to the Govt. of India



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