

# TR NEWS

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## 3 New Elements of Highway Geometry: “Green Book” Design Guide Gets Comprehensive Overhaul

*Douglas W. Harwood, Ingrid B. Potts, and William Prosser*

The long-awaited update of the essential and authoritative handbook for designing safe and efficient highways is making an impact. Three researchers involved in the revisions provide an overview of the new policies, specifications, and terminology.

## 8 Cooperative Highway Research in Europe: Transportation Group Produces International Benefits

*Ivar Schacke and Rod Addis*

An international association of European highway research institutions has promoted cooperative efforts, provided and obtained funding for joint projects, and placed transportation research on the agenda of the European Union.

## 12 Traveling by Magnetic Levitation: New Technology on the Move at Home and Abroad

*Arrigo Mongini, Arnold Kupferman, and John Harding*

After decades of research and development, maglev trains are about to enter a new era of high-speed intercity deployment in Germany, Japan, and China, and U.S. projects also are preparing for operation. This feature reviews the status of maglev technology and initiatives around the world.

## 21 Point of View Preserving America’s Aqueducts

*Abba G. Lichtenstein*

Aqueducts are a neglected part of U.S. transportation heritage and merit a coordinated identification and preservation effort, according to a respected bridge design engineer and consultant.

## 22 New TRB Special Report Future Flight: A Review of NASA’s Small Aircraft Transportation System Concept

*Thomas R. Menzies*

NASA’s ambitious plans to spur the creation of a new transportation system, centered around technologically advanced, easy-to-use, and affordable small aircraft, run the risk of overlooking other uses for advanced aviation technologies and research, a TRB committee concluded in a recent study.

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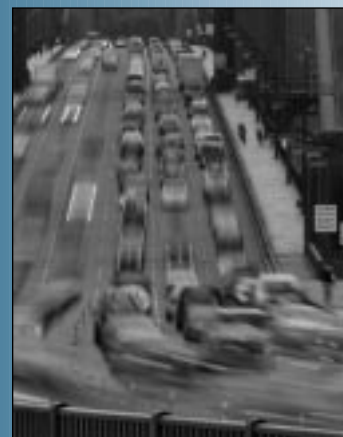
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**Cover:** Golden Gate Bridge, San Francisco, California, illustrates the geometric complexities of safe and efficient highway design, updated in a comprehensive revision of the American Association of State Highway and Transportation Officials’ “Green Book.”