Saving time and money while delivering better transportation and environmental outcomes

**Tools and techniques to expedite project delivery**

Speeding up the delivery of needed transportation projects is high on everyone’s agenda—from the traveling public who desire timely improvements to the local communities that rely on scheduled delivery of goods and services.

Transportation agencies are being challenged to deliver projects with greater efficiency and speed at the same time that funding and staffing are decreasing and transportation needs are growing. The use of innovative approaches and early coordination with resources agencies, the public, and stakeholders can help transportation agencies achieve timely project delivery.

Under the second Strategic Highway Research Program (SHRP2), research was conducted to evaluate the common types of constraints to expediting project delivery as well as the strategies needed to address them. The research also developed a set of case studies that illustrate how the constraints have been successfully encountered and addressed.

The Solution

The research included in the resulting report, *Expedited Planning and Environmental Review* (C19), identifies 24 strategies for addressing or avoiding 16 common constraints that would improve planning and environmental review and expedite the delivery of transportation projects. Common constraints are grouped under six objectives: improve public involvement and support; improve resource agency involvement and collaboration; demonstrate agency commitment to the project; improve internal communication and coordination; streamline decision making; and integrate the process across all phases of project delivery. While initially focused on the planning and environmental phases of project delivery, the research found that strategies implemented in the early phases of project development can typically provide expedited benefits in subsequent phases.

The likely severity of the effects on delay and cost of not addressing a constraint are categorized as low, medium, or high. Multiple strategies are suggested for each severity category. A worksheet included in the companion website allows the user to quickly identify the types of issues and/or constraints that could cause delay within their project scope, and offers mitigation strategies for each constraint. These strategies not only contribute to reducing project delays, they provide...
About SHRP2 Implementation

The second Strategic Highway Research Program is a national partnership of key transportation organizations: the Federal Highway Administration, the American Association of State Highway and Transportation Officials, and the Transportation Research Board. Together, these partners conduct research and deploy products that will help the transportation community enhance the productivity, boost the efficiency, increase the safety, and improve the reliability of the Nation’s highway system.

Strategic Highway Research Program

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