CONTRACTING ALTERNATIVES SUITABILITY EVALUATOR (CASE) WEBTOOL

An Innovative Way to Select Your Project Delivery Method

Source: Getty Images

Transportation agencies have many options to complete highway construction projects. Choosing the most cost-effective, efficient method can be difficult. The Federal Highway Administration (FHWA) developed the CASE Webtool to help States and organizations identify the right method for every highway construction project.

CASE helps ensure effective infrastructure delivery by improving evaluation of contracting methods options:

- Design-Build (DB)
- Progressive Design-Build (PDB)
- Construction Manager/General Contractor (CM/GC)
- Public-Private Partnerships (P3)
- Design-Build-Finance (DBF)
- Design-Build-Operate-Maintain (DBOM)
- Design-Build-Finance-Operate-Maintain (DBFOM)

Important Factors in Project Delivery Method Selection

The CASE Webtool makes it easier to choose the right method for each project by considering:

- Cost
- Time
- Community Input
- Permitting
- Environmental Clearance
- Maintenance
- Aesthetics
- Disruption to Existing Service

Benefits of Using the CASE Webtool

By entering specific details about a project, agencies can rapidly compare methods. During the assessment, the CASE Webtool:

- Ranks short-term contracting methods, including DBF, CM/GC, DB, and PDB.
- Evaluates financing benefits and long-term impacts of P3 contracting on cost, schedule, and quality of service.
- Guides users through "What if" scenarios.
- Provides customized options for critical decision points in project delivery, like project goals and relative weighting, risks, performance objectives, criteria for selection and performance, and a State's legislative ability to use various contracting options.
- Provides a rigorous quantitative and qualitative approach that is consistent, understandable, defensible, and performance driven.

Get Started

Learn more and use the CASE Webtool for your next highway construction project at https://case.fhwa.dot.gov.

U.S. Department of Transportation
Federal Highway Administration