

# EMPLOYING EFFICIENT AND COST-EFFECTIVE DELIVERY PRACTICES

A multitude of management tools and innovative contracting methods will speed completion and control costs.

The OTIA III State Bridge Delivery Program is part of the Oregon Department of Transportation's 10-year, \$3 billion Oregon Transportation Investment Act. OTIA funds will repair or replace hundreds of bridges, pave and maintain city and county roads, improve and expand interchanges, add new capacity to Oregon's highway system, and remove freight bottlenecks statewide. About 17 family-wage jobs are sustained for every \$1 million spent on transportation construction in Oregon. Each year during the OTIA program, construction projects will sustain about 5,000 family-wage jobs.

## Productivity-enhancing tools

- The Oregon Department of Transportation is working to tightly control and reduce design and construction costs for the OTIA III State Bridge Delivery Program.

## Flexible contracting methods

- The bridge program is taking a corridor-based approach to repairing or replacing the bridges.
- Bridge construction projects will be grouped in ways that maximize the participation of Oregon contractors. Grouping, or “bundling,” projects expedites construction time, produces economies of scale, and maintains mobility on freight and commerce routes.
- The bridge program will use alternative contracting methods designed to accelerate delivery while controlling costs.
  - › With design-build contracts, design and construction work can overlap under a single, seamless contract. Design-build contractors have the latitude to propose creative solutions that may address current needs, future needs or both. For example, ODOT contractors reused an entire detour bridge at multiple sites instead of building additional temporary structures, an innovative solution made possible by the flexibility of a design-build contract.

## Streamlined permitting

- ODOT worked with 11 state and federal regulatory agencies to streamline the environmental permitting process. The streamlined permitting sets environmental performance standards for the bridge program as a whole rather than for each individual bridge. This innovative permitting process helps reduce the program's construction schedule and design costs.
- A “get in, get the job built and get out” approach minimizes the effects that construction work zones can have on traffic flow and commerce.

