

CS³: CONTEXT SENSITIVE AND SUSTAINABLE SOLUTIONS

Community values shaping a new generation of bridges.

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.

Creating a positive legacy

- Oregon's \$1.3 billion OTIA III State Bridge Delivery Program establishes a new way of doing business for the Oregon Department of Transportation—one designed to create a positive legacy that endures long after construction is complete.
- The innovative decision-making framework, known as Context Sensitive and Sustainable Solutions, or CS³ (pronounced *C-S-cubed*), helps ODOT preserve Oregon's scenic, aesthetic, historical, environmental, economic and other community values while building safe and enduring projects.
- CS³ puts communities and stakeholders at the heart of decision-making. Listening to and responding to community needs are key components in rebuilding Oregon's highway bridges.
- The CS³ umbrella includes eight factors: economic stimulus, diversity, environmental program management, environmental justice, mobility, public involvement, sustainability and cost-effectiveness.

Creating sustainable outcomes

- Hundreds of Oregon's aging bridges are being replaced or repaired, not only to serve the needs of motorists but also to endure in harmony with their surroundings and add lasting value to the communities they serve.
- Sustainable solutions mean doing the job in ways that not only reduce negative impacts, but also extend the economic, social and environmental benefits of bridge construction well into the future.
- By applying CS³ principles, ODOT is developing innovative solutions that will result in a better-trained workforce, engaged and involved communities, and a stronger state economy.
 - › Through its Workforce Development Plan, ODOT is identifying, training and employing a diverse, skilled workforce that is prepared to meet growing construction demands now and into the future. Regional workforce alliances are helping people enter well-paying, long-term careers in construction.



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- › ODOT obtained a grant through the Lane County Regional Air Pollution Authority to provide subsidies for contractors using clean-burning fuel.
- › The agency grouped bridge projects into “bundles” of varied sizes so that Oregon design and construction firms can bid on them successfully.
- › The agency collaborated with 11 state and federal regulatory agencies to combine regulatory requirements and environmental performance standards into a single set of permits to speed project completion, save time and money, and protect natural environments.

