

Oracle Capital Improvement Program Solution

Deliver More with Less

Cities, counties, schools, airports and other public agencies face increasing pressure to do more with less. Aging public infrastructure and lingering effects from the financial crisis have resulted in an enormous backlog of unfunded capital improvement requests. Now more than ever, both elected officials and government staff need a transparent way to make and defend optimal budgeting decisions around their annual capital improvement program (CIP). Traditionally the CIP budgeting cycle is managed with a complex mix of systems that make it costly and difficult to perform. Oracle introduces a new cloud service to better identify, prioritize and plan capital portfolios.

Coordination

The annual CIP process can span agency-wide, yet each contributing department often uses its own tools to manage information about capital projects and budgets. This makes collaborating and reporting of CIP data inefficient and time-consuming. When agencies commit to a consolidated, single source of CIP truth, they are able to better communicate and streamline the budgeting cycle. A modern cloud solution enables internal staff, external agencies, contractors and multi-sector partners to collaborate on both CIP planning and implementation. During design and construction phases, project data can be interfaced from construction management firms, engineers, general contractors who already use Primavera.

Transparency

Many agencies, especially municipalities, are faced with a wide range of capital improvement types. Elected officials and city managers must make tough choices on project proposals that may benefit the public in very different ways. Usually the choices are made based on judgment and intuition alone. With open data initiatives becoming commonplace and increased citizen engagement at the local government level, it's incumbent on public leaders to demonstrate objective ways of prioritizing and funding projects.

Best practices from private industry can assist public agencies by defining clear rating systems and formal data-driven approach to allocating resources to initiatives. To build the optimal mix of CIP projects, successful agencies ensure alignment to officials' goals and objectives, create standard evaluation criteria, and rank based on weighted scoring. Such rigor is more likely to be viewed as fair and credible than an informal approach.

ORACLE®

CONSTRUCTION AND ENGINEERING

"The 2017 Infrastructure Report Card reveals that we have made some incremental progress toward restoring our nation's infrastructure. But it has not been enough. As in 2013, America's cumulative GPA is once again a D+."

2017 INFRASTRUCTURE REPORT CARD
AMERICAN SOCIETY OF CIVIL ENGINEERS

KEY CAPABILITIES

- Cloud-based
- Modern mobile interface
- Social collaboration features
- Configurable project request forms and workflow
- Multi-year budgetary planning and forecasting
- Funding management
- Configurable scorecards and metrics
- Weighted prioritization scoring
- What-if scenarios
- Embedded analytics & reporting

Projects & Proposals	Evaluation Score	Public Health and Safety	External Requirements
Affordable Housing	63.72%	Existing Ha...	Req. by Law
Parks Maintenance Relocation	64.43%	Existing Hazard	Req. by Agreement
Eagle Market Place	52.58%	Potential Hazard	Req. w/ Outside
Radio Infrastructure	41.81%	Promotes Safety	City-only
Finalee Landslide Mitigation	74.60%	No Impact	Req. by Law
Fire Station # 14 - Land	65.40%	No Impact	Req. by Law
Fire Station # 14 - Design/ Build	54.61%	Promotes Safety	Req. by Law
Fire Station # 14 - Engine	52.07%	Existing Hazard	Req. by Law
SCBA Replacement	68.44%	No Impact	Req. by Law
Replacement Ladder Truck	64.15%	Promotes Safety	Req. by Agreement
Replacement Engine	62.74%	Existing Hazard	Coop. w/ Outside

EXPECTED BENEFITS

- Single version of CIP truth
- Complete more projects sooner
- Consider more creative alternatives
- Clear alignment to agency goals
- Defensible decision criteria
- Rollup reporting by any attribute including program, department, geography
- Personalize and visualize CIP information for any role
- Maximize capital spend

Responsiveness

Issues ranging from weather emergencies to environmental concerns can unexpectedly derail CIP projects. City staff needs to be able to react and redeploy funding to avoid missing out on opportunities when they present themselves.

CIP coordinators and department heads that have a backlog of next-in-line projects ready to activate are able to capitalize on funding opportunities. When planners have the ability to conduct what-if scenario planning, they can assess the impact changes will have and reduce the risks accordingly.

Modern cloud service for today's public agencies

To meet the challenges of delivering more with less, Oracle provides an integrated, cloud-based solution built on Oracle Red Stack technology. Powered by the Oracle Prime Projects Cloud Service, this modern user interface is mobile ready and will appeal to both the seasoned CIP planners and the millennial workforce. The solution interfaces with Primavera P6 EPPM and its web services enable links to ESRI ArcGIS, asset management and financial applications.

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