DURHAM
1869
CITY OF MEDICINE

City of Durham Department of
   Public Works
Durham, NC
www.durhamnc.gov

**Industry:**

Public Sector

**Annual Revenue:**

US$353.3 million

**Employees:**

3,082

**Oracle Products &
Services:**

Primavera P6 Enterprise Project
   Portfolio Management
Primavera Contract Management

**Oracle Partner:**

CDP, Inc.
www.cdp-inc.com

**"Oracle's Primavera solutions
enabled us to bring multiple
tools together to establish best
practices that have enhanced
transparency for citizens and
stakeholders and assured
standardized project processes,
ultimately saving us time and
money."** – Michael M. Hughes, PE
Assistant Engineering Manager,
City of Durham Public Works
Department

### City of Durham Enables Better Project Controls and Integration with GIS in the Public Works Department

The City of Durham is the fourth-largest city in the state of North Carolina and is the home of Duke University, North Carolina Central University, and the Research Triangle Park.

### Challenges

- Provide the city's Public Works Department with a standard platform to manage costs, timelines, and construction contracts for public infrastructure improvement projects
- Provide better project controls with real-time access to data needed for decision-making
- Operate with the high level of transparency required by a public sector organization
- Enable bidirectional integration with the department's Arc-GIS geographic information system (GIS) for spatial analysis of project locations and costs for the rapidly changing technology products it sells and services

### Solution

- Used Oracle's Primavera tools to effectively manage costs and timelines for public works contracts, which consist of anywhere from a dozen separate large projects that span multiyear time horizons to hundreds of small projects with a one-year timeline
- Gained the ability to provide high-level status information on construction projects by using Primavera Web dashboards
- Reduced project cycle times by enabling the Public Works Department to view project status, schedules, costs, and documents all in one place
- Shared the latest project cost data from Primavera with GIS, enabling users to view detailed, up-to-date maps of where work was performed and the associated costs
- Worked with Oracle Partner CDP, Inc. to develop a custom tool (schedule of values importer) to project settings, create budgeted and committed contracts, organize cost worksheets, build material logs, and synchronize payment requisitions
- Launched Primavera daily reporting extender (PDRX) as a custom reporting tool for a multilevel, hierarchical, routable review system that is uniquely defined for each contract
- Used PDRX's look-ahead capability, allowing key staff to see the need for change orders when installed materials exceed budgeted materials on a contract

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