Productivity First-Round Winner
Innovations Challenge
http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm

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Innovations Showcase

Aggregate and Concrete Tracker

Description

TRACT (Tool for Real-Time Aggregate & Concrete Tracking) is a program built inside of Microsoft Excel that is used to track the progress of aggregate testing on construction projects. Another portion of the program is used to quickly create schedules of concrete pours and to summarize the amount of concrete used on individual jobs. This innovation provides real-time data that district materials employees use to improve their time management and efficiency.

Benefit

The large volume of required aggregate sampling and testing at the district level makes it necessary for employees to allocate their time appropriately between multiple jobs. To do this, real-time approximations of the testing progress and overall job progress (as related to that material) are needed to give employees an idea of their current status. With this knowledge, better time management can be achieved, and the testing can be better distributed over the project timeline. The concrete tracking portion of the innovation saves time by allowing the user to quickly generate daily and weekly formatted schedules of concrete pours after entering the data only once. These schedules also provide a tool for improving time management. The tool also is housed on Sharepoint, which allows multiple employees to access or review.

Materials and Labor

About 40 hours of labor with no material costs.

For More Information Contact:

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Additional photos can be seen by accessing the Innovations Challenge homepage at: http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm.