

500 South Bountiful

CMGC Method Justification

Project Number STP-0068(16)68; Pin 4178

Regions 1 Project Type: Urban Reconstruction

This project involves Railroad, UTA, and utilities to include industrial pipelines. Contractor participation would help us to improve the design, reduce errors, and minimize change orders in an area where we have environmental concerns. There are environmental plumbs within 5 feet of the surface of the roadway where contractor knowledge, experience, and innovation will help reduce our risk. We anticipate that the CMGC process will provide innovative solutions for the environmental plumbs and the industrial pipelines.

Schedule will not drive the design as it has in recent CMGC projects; however, with contractor participation we expect that we can shorten the design time by choosing a solution the contractor understands and is able to perform within existing capabilities.

We do not anticipate a lot of Right-of-Way issues but identifying the contractor in the design phase will help us establish a better connection to the utility companies. We have learned from previous CMGC projects that when the utility companies know who the contractor is, they provide better cooperation and support to clear utility issues quickly. This is an important benefit for this project.

The contractor's input in the design will identify and reduce risk for UDOT as the owner and the contractor. We anticipate this risk reduction will reduce the cost of the project and since the project is not schedule driven we should be able to get some valuable data on cost savings. We also need their help in developing Maintenance of Traffic solutions. The area near the I-15 interchange has a large amount of utilities and a large traffic count as well as the refinery's truck loading facility and two rail crossings.

We request the CMGC process be used on this program