

Scenario 1: During construction of a roadway widening project it was discovered that the planned surcharge of embankment would affect an existing buried fiber optic line that was shown on the plans but not scheduled to be relocated. The impact to the fiber optic line centers around the fact that the fiber optic line will not be able to withstand the anticipated settlement of the embankment required as part of the surcharge. The Department delayed the contractor's work in the area of the fiber optic cable so as to allow the utility/agency owner to relocate their fiber optic cable. A review of the project schedule and circumstances reveals that the department directed delay impacted the project by 150 days and the contractor was able to mitigate 30 of those days by working in other areas and on other phases of work. The original contract amount is \$55,985,200.00. Original Contract Time is 915 days. The contract included an initial Contingency Item of \$150,000.00. The contractor submitted a request for payment of extra costs related to delays and inefficiencies in the amount of \$734,232.12 and a time extension request to the Department in the amount of 150 days. This is the first time extension to be granted on the project. The geotechnical and utility information was developed by internal department staff and provided to the Consultant EOR who developed the plans for the project.

Based on the information above, determine the following:

- Contractor Entitlement to cost and/or time (Yes or No). Explain your determination.
- Amount of compensation to be paid to the contractor. Explain your determination.
- Number of days to be granted to the contractor. Explain your determination.
- Type of Contract Modification used to document this change to the contract (i.e. Supplemental Agreement, Work Order, Unilateral Payment, Time Extension Letter). Explain your determination.
- Premium Cost Analysis and determination. Explain your determination.
- Approval Authority of the Contract Modification
- Execution Authority of the Contract Modification
- Coding of the Contract Modification (i.e. Root Cause, Avoidability, Cost Recovery, and Claim/Extend Limits)