



SOUTHERN PLAINS
TRANSPORTATION CENTER



Douglas D. Gransberg

President, Gransberg and
Associates, Inc.

Emeritus Professor of
Construction Engineering,
University of Oklahoma

Wednesday, May 26, 2:00 – 3:15 p.m (CDT)

Hosted via Zoom

1 PDH Provided

Register at <https://www.eventbrite.com/e/152145945619>

Visualizing Concurrent Construction Schedule Delays: COVID and Other Concurrencies

This presentation will review the construction claims doctrine of concurrent delays and present the use of linear scheduling method, coupled with data-driven event information from construction daily work reports as a means to quantify the impact of concurrent delays. It will go on to provide a model for apportioning the concurrent delays between the owner and the contractor through the use of visual modeling that permits both sides to see how various concurrent delays relate to the overall delay profile. The presentation will demonstrate the approach using actual data from a \$500 million earthen dam project where concurrent delays for differing geotechnical conditions, weather, quality control and a labor strike impacted progress. The approach will prove useful as agencies, consultants, and contractors measure the impact of the COVID pandemic on projects that were ongoing when the restrictions were imposed.

Dr. Douglas D. Gransberg is the President of Gransberg & Associates, Inc. of Norman, OK and an emeritus professor of construction engineering at the University of Oklahoma. He retired at the rank of Lieutenant Colonel in the US Army Corps of Engineers. He earned a Ph.D. in civil engineering from the University of Colorado at Boulder and BSCE and MSCE degrees from Oregon State University. He was elected to the National Academy of Construction in 2019. He is also a licensed Professional Engineer in Oklahoma, Texas, and Oregon, a Certified Cost Professional, a Designated Design-Build Professional, and a Fellow of both the American Society of Civil Engineers and the Royal Institution of Chartered Surveyors in the United Kingdom.