## STATIC & ROTATIONAL EQUILIBRIUM Units 15 Dr John P. Cise

Professor of Physics, Austin Com. College, Austin Tx. jpcise@austincc.edu & New York Times , March 16 2018

## Fatal Collapse: A Look at How the Florida Bridge Was Built By SARAH ALMUKHTAR and ANJALI SINGHVI MARCH 16, 2018

The <u>pedestrian bridge that collapsed</u> at Florida International University in Miami on Thursday had been put into place five days earlier and was being built using a method called accelerated bridge construction. Here's how the bridge was assembled, according to videos and images of the construction.

## 1. The bridge walkway was built nearby.

The main, 200-foot walkway of the bridge was assembled next to Southwest Eighth Street, a major thoroughfare that separates the university campus from the city of Sweetwater.

## The bridge plans included cable stays.

The final bridge, which was <u>expected to open</u> in 2019, would have added a tower and cable stays as the main support for the structure.



The bridge was being put in place as a way of connecting the campus of Florida International University to the city of Sweetwater.