

(September 7, 2021)

The following bridge(s) have a wind speed/gust threshold:

Bridge	Wind Speed/Gust Threshold (miles per hour)
Bridge No(s). *** \$1\$\$ ***	*** \$2\$\$ ***

Each day, the Contractor shall review the five-day wind speed/gust forecast for each bridge site from the Western Region Headquarters of the National Weather Service at www.wrh.noaa.gov. The Contractor shall lower or withdraw tarps, plastic exterior, and other containment components presenting an exposed face to the wind when either of the following apply:

1. When wind speeds or gusts exceeding the threshold are forecast by the National Weather Service.
2. When the structure site weather station records wind speeds or gusts exceeding the threshold.

The containment system may be restored after 2 hours without winds or gusts exceeding the threshold, and no forecast of such wind speeds or gusts to return within 24 hours.

Weather Station

Prior to installing any components of a containment system on a bridge with a specified wind speed/gust threshold, the Contractor shall install a wireless weather station on the bridge at a location acceptable to the Engineer. The Contractor shall provide one of the following wireless weather station systems, or an accepted equal:

1. Davis Instruments Vantage Pro2 model 06163.
2. Weather Hawk 916 Wireless Weather Station.
3. Columbia Weather Systems Capricorn FLX.

The Contractor shall submit a Type 2 Working Drawing consisting of details of the selected wireless weather station system, including installation and operation details. The Contractor shall install wireless display console units for both the Contracting Agency's and the Contractor's use at locations acceptable to the Engineer. The Contractor shall protect the wireless weather station system from damage during all paint removal, surface cleaning, and paint application operations.

The Contractor shall maintain a log of daily weather data updated on a daily basis. The log shall be available to the Engineer for review at any time during the project. The weather data shall be tabulated in the form of a spreadsheet. At a minimum, the weather data shall indicate the high and low temperature, relative humidity, maximum wind speed and direction, wind gusts, and rainfall. If requested by the Engineer, the Contractor shall submit a Type 1 Working Drawing of weather data. Upon request, the Contractor shall provide wireless access to the weather station data.

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At the end of the Contract, the wireless weather station and all associated system components shall be removed from the bridge and become the property of the Contractor.