

## 405 – CURING ENVIRONMENT

### SECTION 405

#### CURING ENVIRONMENT

##### 405.1 DESCRIPTION

Provide a curing environment for storage of KDOT concrete cylinders made during open span bridge concrete placements. The curing environment would be utilized by KDOT to store the cylinders during the first 48 hours of their initial cure (KT-22). The curing environment needs to be of sufficient size to hold test samples required for the project at any given time. The quantity of test samples will be based on the appropriate sampling and testing frequency chart in Part V.

The curing environment does not apply to test specimens made for PCCP, curb and gutter, sidewalk, etc.

##### BID ITEM

Curing Environment

##### UNITS

Lump Sum

##### 405.2 MATERIALS

Provide a curing environment that meets the Initial Curing requirements of KT-22.

Provide a thermometer that records the high and low temperatures within the curing environment.

##### 405.3 CONSTRUCTION REQUIREMENTS

During the preconstruction meeting, discuss with the Engineer the necessary capacity and location of the curing environment. Locate the curing environment to allow the Engineer access at all times.

When KDOT cylinders are stored in the curing environment, provide the Engineer with the recorded high and low temperatures within the curing environment, daily.

##### 405.4 MEASUREMENT AND PAYMENT

The Engineer will measure curing environment by the lump sum.

Payment for "Curing Environment" at the contract unit price is full compensation for the specified work.