
Special Provision to Special Specification 6008 Intelligent Transportation System (ITS) Ground Mounted Cabinet



Special Specification 6008 "Intelligent Transportation System (ITS) Ground Mounted Cabinet," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 6008.3.1.1., "Door." Section is voided and replaced by the following:

Provide sturdy and torsionally rigid cabinet doors that overlap and substantially cover the full area of the front of the cabinet. Attach cabinet doors by a minimum of 3 heavy duty hinges or full-length hinge. Provide stainless steel hinge pins that are tamper resistant and unable to be removed with common hand tools.

Fabricate the doors and hinges to withstand a 100 lb. per vertical foot force applied to the outer edge of the door when open without permanent deformation or impairment of the door or cabinet body when the load is removed.

Fit the cabinet doors with smart cabinet lock and aluminum or chrome plated handle with at least a 3/8 in. drive pin and a 3-point latch. Design the lock and latch so that the handle cannot be released until the lock is released. Provide a padlock of the type directed by the Engineer. Provide a locking ring for a padlock. Provide 2 smart keys for the door and 2 keys for the padlock with each cabinet. Locate the lock clear of the arc of the handle. Keys must be removable in the locked position only. Mount locks with 2 stainless steel machine screws. Provide cabinet doors with a catch mechanism to hold the door open at 3 positions: 90°, 120°, and 160°.

Provide smart cabinet lock or cylinder that requires no wiring or external power and made of stainless steel. Provide smart keys that are water resistant, stores lock cylinders, and audit events, customizable, and Bluetooth capable. Provide any necessary means to program keys and locks such as hardware and software. Software used should not have a recurring subscription fee.

Fabricate the door and door stop mechanism to withstand a simulated wind load of 5 lb. per sq. ft. applied to both inside and outside surfaces without failure, permanent deformation, or compromising of door position.

Provide cabinets without auxiliary police doors. Provide a gasket to act as a permanent and weather resistant seal at the cabinet door facing. The gasket material must be of a non-absorbent material and maintain its resiliency after long term exposure to the outdoor environment.

Provide a gasket with a minimum thickness of 0.25 in. Locate the gasket in a channel provided for this purpose either on the cabinet or on the door. An "L" bracket is acceptable instead of this channel if the gasket is fitted snugly against the bracket to insure a uniformly dust and weather resistant seal around the entire door facing.