

6820000 VIDEO EQUIPMENT
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (12-3-19, Internal)

The below specification should clearly identify if the observation period is within contract time or during the warranty period.

682-2.5 Observation Period.

Subject the video wall display to a 90 day operational observation period. During this time, perform any and all maintenance, recalibration, system checking, and display modifications required by the Engineer. The Engineer has the option to require a restart of the observation period if a major system flaw or failure occurs.

Response: Response:

The heading, "682-2.6 Observation Period" ~~could~~will be removed. The 90 day operational observation period will then become part of 682-2.5 Testing.

~~682-2.5 Testing: Submit a detailed system acceptance test plan to the Engineer for review and approval. Prepare a test plan that covers all areas of system function described in this Section, and that is developed according to the various equipment manufacturers' recommendations. Check and test the satisfactory operation of all video display components upon completion of the equipment's installation. At minimum, include in the video display system test the testing of each color video monitor type, each secondary display output at workstations, each rear projection video display unit, and the video wall display's image alignment and control functions.~~

~~682-2.6 Observation Period: Subject the video wall display to a 90 day operational observation period. During this time, perform any and all maintenance, recalibration, system checking, and display modifications required by the Engineer. The Engineer has the option to require a restart of the observation period if a major system flaw or failure occurs.~~

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Comments: (12-4-19, Internal)

Provide a CCTV camera that is compatible with the current version of the Department's SunGuide® software system and any other camera operating software indicated in the Contract Documents.

Use only equipment and components that meet the requirements of Section 996 and are listed on the Department's Approved Product List (APL).

So if a product is ON the APL, Contractors have to assume it works with the current version of SunGuide, which would have been tested by TERL, so why have the SunGuide version comment?

Response: Agree. In 682-1.2, the phrase "with the current version of the Department's SunGuide software system" will be removed.

Spec

The installed equipment must provide unobstructed video images of the roadway, traffic, and other current conditions around a roadside CCTV field site and is to be placed CCTV as designated site with proper vertical & horizontal placement on proper face of structure to achieve optimal viewing given the site conditions”

Contractors are only placing where Engineers design. Granted some Design Build projects have requirement where you go take video of proposed sites before final RFC plans. However in recent projects where road elevation & new bridges were designed changed the PRE-RFC video captures, we need to avoid overzealous CEI interpretation of unobstructed view. Whereas the intent I believe is to ensure Contractors “place CCTV as designated site with proper vertical & horizontal placement on proper face of structure to achieve optimal viewing given the site conditions”

Response: Agree. There may be instances that the chosen CCTV location provides optimal images of the roadway but may be partially obstructed by a non-alterable structure such as a bridge. The word “unobstructed” in the following SSRBC sentence is sometimes interpreted as no obstructions: “The CCTV must provide unobstructed video images of the roadway, traffic, and other current conditions around a roadside CCTV field site.” It is recommended that “unobstructed” be removed.

Spec

Furnish and install the power supplies, local control equipment, and any other camera-related field electronic equipment and transient voltage surge suppressors within a pole- or base-mounted lockable cabinet. The cabinet must be listed on the APL and is paid under separate FDOT pay item.

Need to be clear that the CABINET is NOT part of a CCTV pay item, whereas the power supply, surge arrestors are.

There is no need for “local control equipment” anymore given all new digital CCTV are software controlled

Response: Agree. The language has been changed in two locations.

- 682-1.3 Installation: The cabinet must meet the requirement of Section 676 .
- 682-4 Method of Measurement: The cabinet will be paid for in accordance with Section 676.

Spec

Ensure that CCTV cameras and video display equipment have a manufacturer’s warranty covering defects for a minimum of three years from the date of final acceptance by the Engineer in accordance with 5-11 and Section 608

Cant TERL make this a REQUIREMENT to be on the APL and therefore not something Contractor have to send in on every project?

Response:

We can remove “local control equipment.”

General Note

I see the requirement for NTCIP is all struck from the spec. So is that to say only ONVIF compliance is required?

Or do you need to maintain NTCIP reference requirement?

Response:

No Change. The equipment warranty is owned by the Districts not the TERL.

Comments on Video Wall 682-1:

Subject the video wall display to a 90 day operational observation period

I agree with prior comments, but would point out that any considered period must be “concurrent” with the overall project “system test” or “burn-in period”

Or as suggested that it be a POST project period under separate “Mfg Warranty period”...

But it should be clear it should NOT be a separate observation time period

Response:

~~It was suggested in~~ As per the previous response, to remove the heading “**682-2.6 Observation Period**”.
