

South Carolina Department of Transportation
Traffic Engineering Guidelines

NUMBER: TG-34

SUBJECT: Aesthetic Treatment of Traffic Signal Cabinets

BACKGROUND: Traffic Signal Cabinets are constructed of aluminum and have a natural silver metallic finish. Aesthetic elements such as powder coating of one solid color (black, green or brown) or vinyl wraps are not standard equipment for SCDOT but are acceptable under approved encroachment permit or other agreements. Although powder coating or vinyl wraps are the only acceptable methods of aesthetic treatment. SCDOT prefers the vinyl wrap treatment over powder coating since the vinyl wrap can easily be removed with little cost outlay if issues arise. Artistic renderings painted directly on the cabinet are not acceptable.

GUIDANCE:

1. *Installation*

- These aesthetic treatments can be installed upon approval of an encroachment permit submitted by the appropriate local government.
- All costs associated with these aesthetic treatments are the responsibility of the local government.
- If this treatment is desired by the local government during an SCDOT construction project involving signal reconstruction or installation, this treatment must be included in the agreement between SCDOT and the local government. The local entity will be required to pay the ENTIRE difference in cost associated with the aesthetic treatment.
- The installation has to be performed under the supervision of the appropriate signal maintenance staff and SCDOT will inspect the installation
- The aesthetic treatment must not interfere with the ventilation of the cabinet
- The aesthetic treatment must not cause the temperature to go up in the cabinet. An additional fan may be required (at the local government's expense) installed to mediate this issue.
- Advertisement is not allowed on the traffic signal cabinet.
- SCDOT reserve the right to review aesthetic treatment for content and to deny any treatment that may be a distraction to the motoring public

2. *Maintenance*

- The local government is responsible for maintenance of aesthetic treatment. The Department will not maintain the quality of the aesthetic treatment
- If any operational issues arise, SCDOT reserves the right to remove the treatment or require the local government to replace the cabinet.
- Although the Department will coordinate with local governments concerning needed equipment replacement, if cabinets are changed out, SCDOT is not responsible or liable for the aesthetic treatment. SCDOT is not obligated to replace in kind when items require replacement due to malfunction or age
- SCDOT reserves the right to remove any aesthetic treatments that are in disrepair.

Approved:



Director of Traffic Engineering

9-19-2016

Date