

Memorandum

: District Permit Engineers

Date : January 25, 1991

File No. :

From : DEPARTMENT OF TRANSPORTATION
Division of Traffic Operations

Subject : Nonstandard Lighting Poles on Conventional State Highways Installed and Maintained by Others

The standard plans show the type of lighting standards to be used on state highways. We have learned that in some cases, cities, counties and utility companies are pushing for the approval of lighting standards on conventional highways that do not meet our criteria. In order to clarify our position further, we are attaching a memo dated October 15, 1987 distributed to district traffic and electrical design engineers detailing the policy and the exceptions to the policy (Attachment A). It is our policy that slip bases or slip base inserts shall be used when the posted speed limit on the highway is in excess of 40 miles per hour. The policy is applicable to all electroliers installed and maintained by the permittee. At intersections, an additional requirement is that the minimum illumination levels shown in the Traffic Manual should be met. Slip base or slip base inserts are not to be used under lighting standards:

1. that have traffic signal heads or flashing beacons;
2. located on or behind structures, retaining walls or barrier railing;
3. located in the sidewalk areas;
4. located close to a populated area/facility such that the occupants of the area/facility would be endangered by a pole knockdown;
5. located behind guard railing;
6. located more than 30 feet from the traveled way;
7. located where pedestrians would be close enough to be endangered by a pole knockdown.

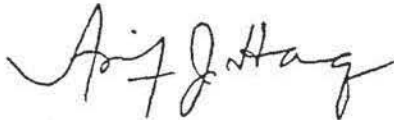
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Caltrans has also approved the use of specific models of Shakespeare Fiberglass lighting poles as an acceptable alternative to our standard slip base pole on state highways (Attachment B).

Nonstandard lighting standards may be authorized on conventional highways for locations not requiring slip bases or slip base inserts when they are installed and maintained by the permittee.

All lighting poles installed and maintained by others should be reviewed by Electrical Design prior to permit issuance.

If you have any questions, please call me at 492-3270 or Charles Vierra at 485-7871.



ASIF J. HAQ, Chief
Encroachment Permits Branch

Attachments