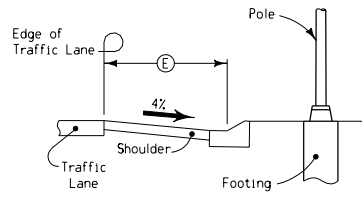
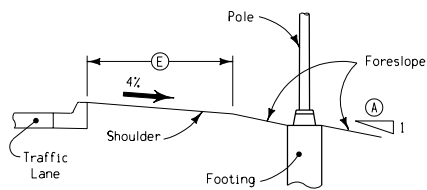


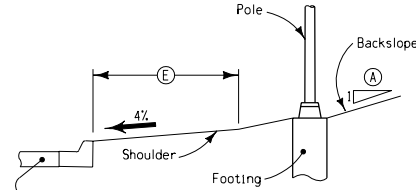
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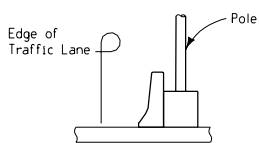
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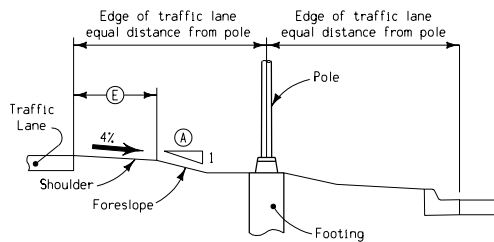
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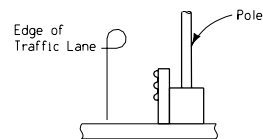
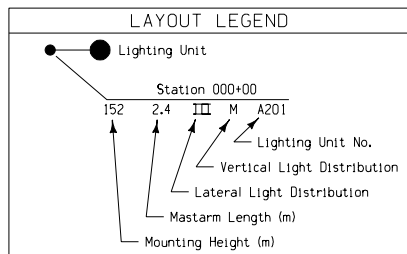
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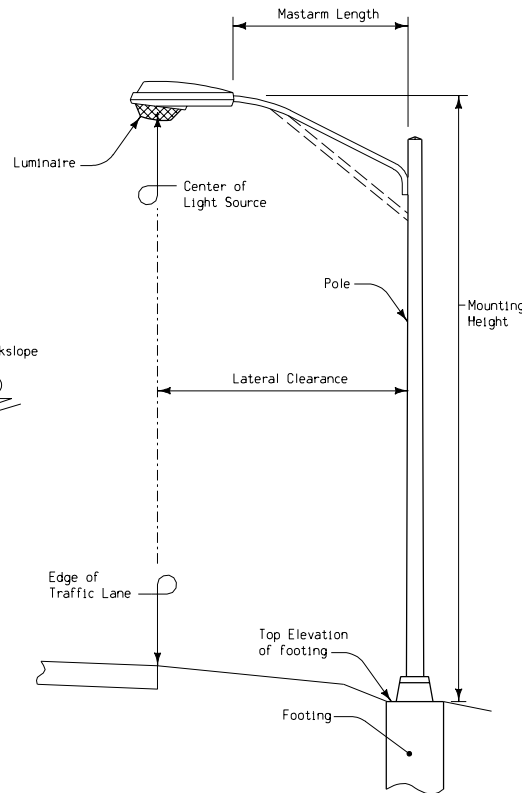
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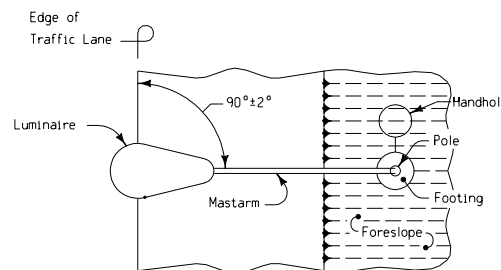
TYPE 6



TYPE 7



TYPICAL POLE INSTALLATION



ORIENTATION OF MASTARM

GENERAL NOTES:

The details indicated herein are for the installation of light poles on slip bases for roadway illumination.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

Refer to appropriate Standard Road Plans and project plans for additional details.

DEFINITIONS:

Mounting Height (MH) is the dimension measured vertically from the center of end of mast arm to the top of footing as shown. Allowable tolerance in MH for final installation is from +75 millimeters to -75 millimeters.

Overhang (OH) is the horizontal dimension from the edge of the traffic lane to the Luminaire center. Unless specifically designated otherwise, design OH shall be zero, with an allowable tolerance of +150 millimeters.

Lateral clearance will be controlled by luminaire dimensions, and by specified overhang and mastarm dimensions. Unless otherwise directed by the Engineer, clearance of adjacent poles having identical mastarm lengths shall not vary by more than ±75 millimeters.

Orientation: If not otherwise specified, angular orientation of mast-arms shall be 90° ±2° to the respective centerlines or baselines, or to the respective edges of the pavement along acceleration and deceleration tapers.

Twin-Mastarm Angles: Included angle shall provide required orientation within the nearest 5 degree increment. Anticipated angle will be shown on the detail plans.

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation Project Development Division	
	STANDARD ROAD PLAN RM-32	
	REVISION: New	REVISION NO.: New
	APPROVED BY: DESIGN METHODS ENGINEER 12-28-98	REVISION DATE: 04-27-99
LOCATION DETAILS FOR POLES ON SLIP BASES (ROADWAY LIGHTING)		