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Title: **STANDARD SHEET M670-3R1**
DAVIT ARM, WOOD POLE BRACKET ARM AND DEEP FOUNDATIONS

Distribution:
- ☒ Manufacturers (18)
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Approved:

R. A. Dennison, Deputy Chief Engineer, Design Division

11/10/98
Date

Administrative Information. This Engineering Bulletin becomes effective with the letting of May 6, 1999. The purpose of this EB is to issue a revised Standard Sheet, M670-3R1. The original Standard Sheet was issued under EI 96-019, along with the complete set of metric Standard Sheets.

Transmitted Materials. This EB transmits revised Standard Sheet, M670-3R1. The revisions consist of changing the foundation reinforcement designations to the latest metric standard described in EI 97-011; and providing appropriate criteria when to select the larger light pole foundations - F1, F2 and F3. These criteria are as follows:

Fdn Type	Pole Ht	Ground Slope
F1	12m to 15m	Flat
F2	12m to 15m	< 1V on 3H
F3	12m to 15m	1:3 to 1:2[1]

1. Light pole foundations shall not be placed in slopes steeper than 1:2.
2. The Geotechnical Engineering Bureau should be consulted when;
   - A. The foundation is to be placed in soft clay or organic deposit.
   - B. Rock is encountered within foundation embedment.
   - C. The groundwater elevation is within the minimum embedment.
   - D. The total overturning moment is greater than 36 kN-m.

Refer to Standard Sheet M670-1 for appropriate lamppost foundations for shorter lampposts, less steep slopes and various ground water conditions.

Contact Person. Any questions pertaining to this material may be addressed to Richard Stempel, of the Design Quality Assurance Bureau, at tel (518) 457-5440.