Utility Pole Direct Embedment 50-70 Feet

Utility 50-70 Feet Technical Chart
Grade B Construction
Used for Recreational and Industrial Lighting Distribution

Direct Embedment

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>POLE LENGTH (FT.)</th>
<th>POLE CLASS</th>
<th>CONCRETE POLE CLASS</th>
<th>POLE WEIGHT (LBS.)</th>
<th>HT. ABOVE GRADE (FT.)</th>
<th>POLE SIZE (IN.)</th>
<th>ANSI GROUNDLINE MOMENT (FT. LBS.) *</th>
<th>ULTIMATE GROUNDLINE MOMENT (FT. LBS.) **</th>
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* The ultimate groundline moment shown corresponds to the equivalent ANSI pole class load for concrete poles. The moments shown are not necessarily the maximum ultimate groundline moment for that particular pole.
** Ultimate groundline moment for the particular pole.
DESCRIPTION: 50'-0" TYPE III
SQ. UTILITY POLE (CLASS 5-C)

WEIGHT: 5,392 LBS.
FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.
DESCRIPTION: 50'-0" TYPE III
SQ. UTILITY POLE (CLASS 4-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.

DESCRIPTION:
TRUCK LOAD QTY:
WEIGHT:
FINISH:

14.13"x14.13" SQUARE
POLE FACE
SIDE VIEW
BASE

TIP 6.0"x6.0" SQUARE
POLE TAPER 0.1625 IN. PER FT.
MEASUREMENTS TAKEN FROM TOP OF POLE

TOP DETAIL
TOP OF POLE
3/4" CHAMFER

BIRTHMARK
BIRTHMARK 10'-0" FROM BASE END OF POLE

CUSTOM.
LPMI
50'-III
DATE

GROUND LINE
(SEE EMBEDMENT NOTE)

8892 Highway 159 East
Bellville, TX 77418
www.lonestarprestress.com
Tel: (713) 896-0994
Fax: (713) 896-0762
APPROVED BY:
DATE:
TEXAS PROFESSIONAL ENGINEERS REG. NO. F-9055.

5,392 LBS.
SMOOTH FORM GRAY
DESCRIPTION: 50'-0" TYPE III SQ. UTILITY POLE (CLASS 3-C)

WEIGHT: 5,465 LBS.
QTY: 
FINISH: SMOOTH FORM GRAY

THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
DESCRIPTION: 50'-0" TYPE III
SQ. UTILITY POLE (CLASS 2-C)

GROUND LINE
(SEE EMBEDMENT NOTE)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

WEIGHT: 5,465 LBS.

FINISH: SMOOTH FORM GRAY
DESCRIPTION: 50'-0" TYPE III
SQ. UTILITY POLE (CLASS 1-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.
DESCRIPTION: 50'-0" TYPE IV SQ. UTILITY POLE (CLASS H1-C)

TRUCK LOAD QTY: 
WEIGHT: 7,312 LBS.
FINISH: SMOOTH FORM GRAY

GROUND LINE 
(SEE EMBEDMENT NOTE)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
DESCRIPTION:
50'-0" TYPE V SQ. 
UTILITY POLE (CLASS H2-C)

TRUCK LOAD QTY:
WEIGHT: 9,031 LBS.

FINISH: SMOOTH FORM GRAY
DESCRIPTION: 55'-0" TYPE III
SQ. UTILITY POLE (CLASS 5-C)

WEIGHT: 6,457 LBS.

FINISH: SMOOTH FORM GRAY
DESCRIPTION:
55'-0" TYPE III
SQ. UTILITY POLE (CLASS 4-C)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.
DESCRIPTION: 55'-0" TYPE III
SQ. UTILITY POLE (CLASS 3-C)

DESCRIPTION:
TRUCK LOAD QTY:
WEIGHT:
FINISH:

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

Lonestar Prestress Mfg., Inc.
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APPROVED BY:
DATE:
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GROUND LINE
(SEE EMBEDMENT NOTE)
DESCRIPTION:
55'-0" TYPE III
SQ. UTILITY POLE (CLASS 2-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.

DESCRIPTION:
TRUCK LOAD QTY:
WEIGHT:
FINISH:

6,537 LBS.
SMOOTH FORM GRAY
DESCRIPTION: 55'-0" TYPE III
SQ. UTILITY POLE (CLASS 1-C)

WEIGHT: 6,618 LBS.
FINISH: SMOOTH FORM GRAY
DESCRIPTION: 55'-0" TYPE IV SQ. UTILITY POLE (CLASS H1-C)

TRUCK LOAD QTY: 8,642 LBS.

WEIGHT: 8,642 LBS.

QTY: 

FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.

DESCRIPTION:
60'-0" TYPE III
SQ. UTILITY POLE (CLASS 5-C)

WEIGHT: 7,644 LBS.
FINISH: SMOOTH FORM GRAY
DESCRIPTION: 60'-0" TYPE III
SQ. UTILITY POLE (CLASS 4-C)

TRUCK LOAD QTY: 
WEIGHT: 7,732 LBS.
FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
DESCRIPTION:
60'-0" TYPE III
SQ. UTILITY POLE (CLASS 3-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
DESCRIPTION: 60'-0" TYPE III
SQ. UTILITY POLE (CLASS 2-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.

DESCRIPTION:
TRUCK LOAD QTY: 
WEIGHT: 7,732 LBS.
FINISH: SMOOTH FORM GRAY
DESCRIPTION: 60'-0" TYPE III
SQ. UTILITY POLE (CLASS 1-C)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

WEIGHT: 7,820 LBS.
FINISH: SMOOTH FORM GRAY
DESCRIPTION: 60'-0" TYPE IV SQ. UTILITY POLE (CLASS H1-C)

TRUCK LOAD QTY: 

WEIGHT: 10,107 LBS.

FINISH: SMOOTH FORM GRAY

GROUND LINE (SEE EMBEDMENT NOTE)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

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DESCRIPTION: 65'-0" TYPE III
SQ. UTILITY POLE (CLASS 5-C)

TRUCK LOAD QTY: 
WEIGHT: 9,055 LBS.

FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.
DESCRIPTION: 65'-0" TYPE III
SQ. UTILITY POLE (CLASS 4-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.
DESCRIPTION: 65'-0" TYPE III SQ. UTILITY POLE (CLASS 3-C)

WEIGHT: 9,055 LBS.

FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.
DESCRIPTION: 65'-0" TYPE III
SQ. UTILITY POLE (CLASS 2-C)

WEIGHT: 9,055 LBS.

FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE
EMBEDMENT IS ~10% OF POLE LENGTH
PLUS 2 FEET. ACTUAL DEPTH OF
EMBEDMENT TO BE DETERMINED BY
CUSTOMER.
DESCRIPTION: 65'-0" TYPE III
SQ. UTILITY POLE (CLASS 1-C)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

TRUCK LOAD QTY: 16.56"x16.56" SQUARE

WEIGHT: 9,151 LBS.

FINISH: SMOOTH FORM GRAY
DESCRIPTION: 70'-0" TYPE III SQ. UTILITY POLE (CLASS 5-C)

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.

DESCRIPTION:
TRUCK LOAD QTY:
WEIGHT: 10,514 LBS.
FINISH: SMOOTH FORM GRAY

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EMBEDMENT NOTE:
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DESCRIPTION: 70'-0" TYPE III
SQ. UTILITY POLE (CLASS 4-C)

TRUCK LOAD QTY: 
WEIGHT: 10,514 LBS.
FINISH: SMOOTH FORM GRAY

EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.
DESCRIPTION: 70'-0" TYPE III SQ. UTILITY POLE (CLASS 3-C)

EMBEDMENT NOTE:
The general rule for pole embedment is ~10% of pole length plus 2 feet. Actual depth of embedment to be determined by customer.

GROUND LINE (SEE EMBEDMENT NOTE)
DESCRIPTION: 70'-0" TYPE III
SQ. UTILITY POLE (CLASS 2-C)

WEIGHT: 10,514 LBS.

FINISH: SMOOTH FORM GRAY
EMBEDMENT NOTE:
THE GENERAL RULE FOR POLE EMBEDMENT IS ~10% OF POLE LENGTH PLUS 2 FEET. ACTUAL DEPTH OF EMBEDMENT TO BE DETERMINED BY CUSTOMER.

DESCRIPTION: 70'-0" TYPE III
SQ. UTILITY POLE (CLASS 1-C)