POLE DATA SCHEDULE

POLE HEIGHT (E.M.H.)	POLE SHAFT (mm)						ALTERNATE POLE SHAFT DESIGN	BASE PLATE			ANCHOR BOLT		
	SEC.	BASE DIAMETER	TOP DIAMETER	WALL THK.	SECTION LENGTH	MIN. SLIP REQUIRED	MAXIMUM NUMBER OF SECTIONS	LG x NO. OR SQUARE	BOLT CIRCLE	THICKNESS	NUMBER REQUIRED	DIAMETER	LENGTH
30 m	A	530	370	6.5	14.6		3	1 m x 1 m	800	50	6	56	2 m
	B	390	210	5.0	16.8	570							
	C												
	D												
32 m	A	560	380	6.5	16.1		3	1 m x 1 m	800	50	6	56	2 m
	B	400	220	5.0	16.8	590							
	C												
	D												
34 m	A	550	510	7.5	4.2		3	1 m x 1 m	800	50	6	56	2 m
	B	530	370	6.5	14.6	780							
	C	390	210	5.0	16.8	570							
	D												
35 m	A	570	500	7.5	6.2		4	1 m x 1 m	800	50	6	56	2 m
	B	530	370	6.5	14.2	770							
	C	390	210	5.0	16.8	570							
	D												
37 m	A	600	510	7.5	8.0		4	1 m x 1 m	800	50	6	56	2 m
	B	540	390	6.5	13.9	790							
	C	410	230	5.0	16.8	600							
	D												
38 m	A	600	520	8.0	7.0		4	1 m x 1 m	800	50	6	56	2 m
	B	550	370	7.5	16.8	800							
	C	390	210	5.0	16.5	570							
	D												
40 m	A	620	520	8.0	8.5		4	1 m x 1 m	800	50	6	56	2 m
	B	550	370	7.5	16.8	800							
	C	390	210	5.0	16.5	570							
	D												
41 m	A	630	520	8.0	10.1		4	1 m x 1 m	800	50	6	56	2 m
	B	550	370	7.5	16.8	800							
	C	390	210	5.0	16.3	570							
	D												
43 m	A	650	510	9.0	12.7		4	1 m x 1 m	800	50	6	56	2 m
	B	540	360	7.5	16.8	780							
	C	380	210	5.0	15.2	550							
	D												
44 m	A	660	510	9.0	14.4		4	1 m x 1 m	850	50	8	56	2 m
	B	540	350	7.5	16.8	780							
	C	370	210	5.0	15.1	550							
	D												
46 m	A	680	510	9.0	16.1		4	1 m x 1 m	850	50	8	56	2 m
	B	530	350	7.5	16.8	780							
	C	370	210	5.0	14.9	540							
	D												
47 m	A	680	550	10.0	11.9		4	1 m x 1 m	850	50	8	56	2 m
	B	580	500	8.0	7.3	850							
	C	530	350	7.5	16.6	770							
	D	370	210	5.0	14.6	540							
49 m	A	700	540	10.0	14.9		4	1 m x 1 m	850	50	8	56	2 m
	B	570	500	8.0	6.5	820							
	C	520	340	7.5	16.8	760							
	D	360	210	5.0	13.7	520							

GENERAL NOTES

1. High Mast pole shall meet the design requirements shown on the pole data schedule.
2. If alternative pole shaft design is chosen, the pole shaft dimensions, thickness and maximum deflection calculations shall be submitted for review and approval. The base plate thickness, anchor bolt number, diameter and length shall remain the same as shown.

All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

HIGH MAST POLES

MARCH 2003

STANDARD DRAWING NO. 807-LTPD-01

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-03-03
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-03-03
CHIEF HIGHWAY ENGINEER DATE