Table I

MINNESOTA DEPARTMENT OF TRANSPORTATION

Basic Clearances for the Installation of Electric Supply and Communications Lines*

Nature of ground or rails underneath wires	Guys, Messengers, Communication Cables	Open Supply Wire Lines and Service Drops Voltages are between conductors							
		0 to 750 Volts	750 to 15000 Volts	15000 to 50000 Volts	69000 Volts	115000 Volts	169000 Volts	230000 Volts	345000 Volts
Where wires cross over									
Track rails of railroads handling freight cars, men permitted on top	27 ft.	27 ft.	28 ft.	30 ft.					
Public streets, alleys, or roads	22 ft.	22 ft.	22 ft.	22 ft.	23 ft.	25 ft.	26 ft.	30 ft.	34 ft.
Public Streets, alleys, or roads in Twin City Metro-District being over height house-moving routes	24 ft.	24 ft.	24 ft.	24 ft.	24 ft.	25 ft.	26 ft.	30 ft.	34 ft.
Driveways to resident garages	12 ft.	12 ft.	20 ft.	22 ft.	23 ft.	25 ft.	26 ft.	30 ft.	34 ft.
Spaces or ways accessible to pedestrians only	15 ft.	15 ft.	15 ft.	17 ft.					
Where wires run along and within the limits of public highways or other public right-of-way for traffic									
Streets or alleys in urban districts	18 ft.	18 ft.	20 ft.	22 ft.	23 ft.	25 ft.	26 ft.	30 ft.	34 ft.
Roads in rural districts	14 ft.	18 ft.	18 ft.	20 ft.	23 ft.	25 ft.	26 ft.	30 ft.	34 ft.

Note: Grade B Construction is required at crossings over highways.
The conductor height shall be such that the basic clearances shall be obtained with the sag determined at 120 degrees F.
In areas, which are prone to sleet condition, the sag shall be determined under “heavy” sleet loading (1/2 inch ice at 0 degrees F). The condition providing the greater sag shall be used in determining the height of the supporting structures.
*These clearances modify those published in the National Electrical Safety Code.