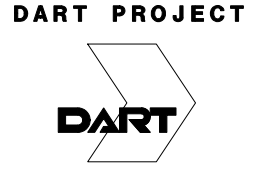


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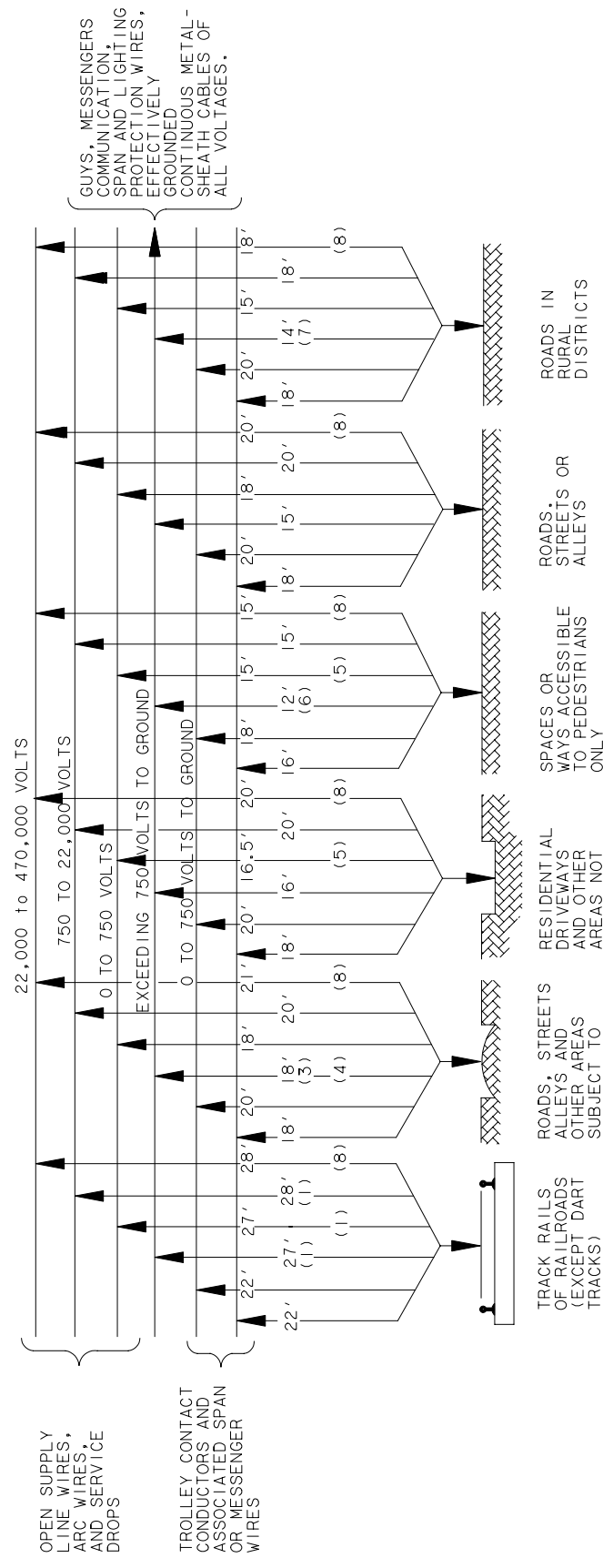
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\$\$\$FILE1\$\$
 \$\$\$FILE2\$\$
 \$\$\$FILE3\$\$



DART DESIGN CRITERIA

VERTICAL CLEARANCES OF WIRES ABOVE GROUND OR RAILS
 SCALE: NOT TO SCALE
 FIGURE: 6.1



WHEN WIRES RUN ALONG AND WITHIN THE LIMITS OF HIGHWAYS OR OTHER ROAD RIGHT-OF-WAY BUT DO NOT OVERHANG THE ROADWAY

WHEN WIRES CROSS OVER OR OVERHANG

NOTES :

1. THESE CLEARANCES MAY BE REDUCED TO 25 FT., WHERE PARALLELED BY TROLLEY-CONTACT CONDUCTOR ON THE SAME STREET OR HIGHWAY.
2. THESE CLEARANCES DO NOT ALLOW FOR THE FUTURE ROAD RESURFACING.
3. IF A COMMUNICATION SERVICE DROP OR A GUY WHICH IS EFFECTIVELY GROUNDED CROSSES RESIDENTIAL STREETS AND ROADS, THE CLEARANCE MAY BE REDUCED TO 16 FT. AT THE SIDE OF THE TRAVELED WAY PROVIDED THE CLEARANCE AT THE CENTER OF THE TRAVELED WAY IS AT LEAST 18 FT. THIS REDUCTION IN CLEARANCE DOES NOT APPLY TO ARTERIAL STREETS AND HIGHWAYS WHICH ARE PRIMARILY FOR THROUGH TRAFFIC, USUALLY ON A CONTINUOUS ROUTE.
4. FOR COMMUNICATIONS CABLE SUPPORTED ON A MESSENGER, AND WITH SPAN LENGTHS NOT EXCEEDING 150 FT., THE CLEARANCE MAY BE REDUCED TO 17 FT ABOVE OR ALONG LOCAL STREETS OR ROADS. THIS REDUCTION DOES NOT APPLY FOR ARTERIAL STREETS OR HIGHWAYS WHICH ARE PRIMARILY FOR THROUGH TRAFFIC, USUALLY ON A CONTINUOUS ROUTE.
5. THIS CLEARANCE MAY BE REDUCED TO 12 FT., FOR SUPPLY CONDUCTORS LIMITED TO 300V TO GROUND.
6. THIS CLEARANCE MAY BE REDUCED TO 10.5 FT FOR INSULATED SERVICE DROPS LIMITED TO 300V TO GROUND.
7. THIS CLEARANCE MAY BE REDUCED TO 13.5 FT FOR COMMUNICATION CONDUCTORS.
8. FOR VOLTAGES EXCEEDING 22,000 VOLTS, THE CLEARANCE SHALL BE INCREASED BY 0.4 INCH FOR EACH 1,000 VOLTS, OR FRACTION THEREOF, IN EXCESS OF 22,000 VOLTS. FOR VOLTAGES IN EXCESS OF 470,000 VOLTS, REFER TO NATIONAL ELECTRICAL SAFETY CODE.

\$\$\$DGN\$SPECIFICATION\$\$\$\$\$\$\$\$