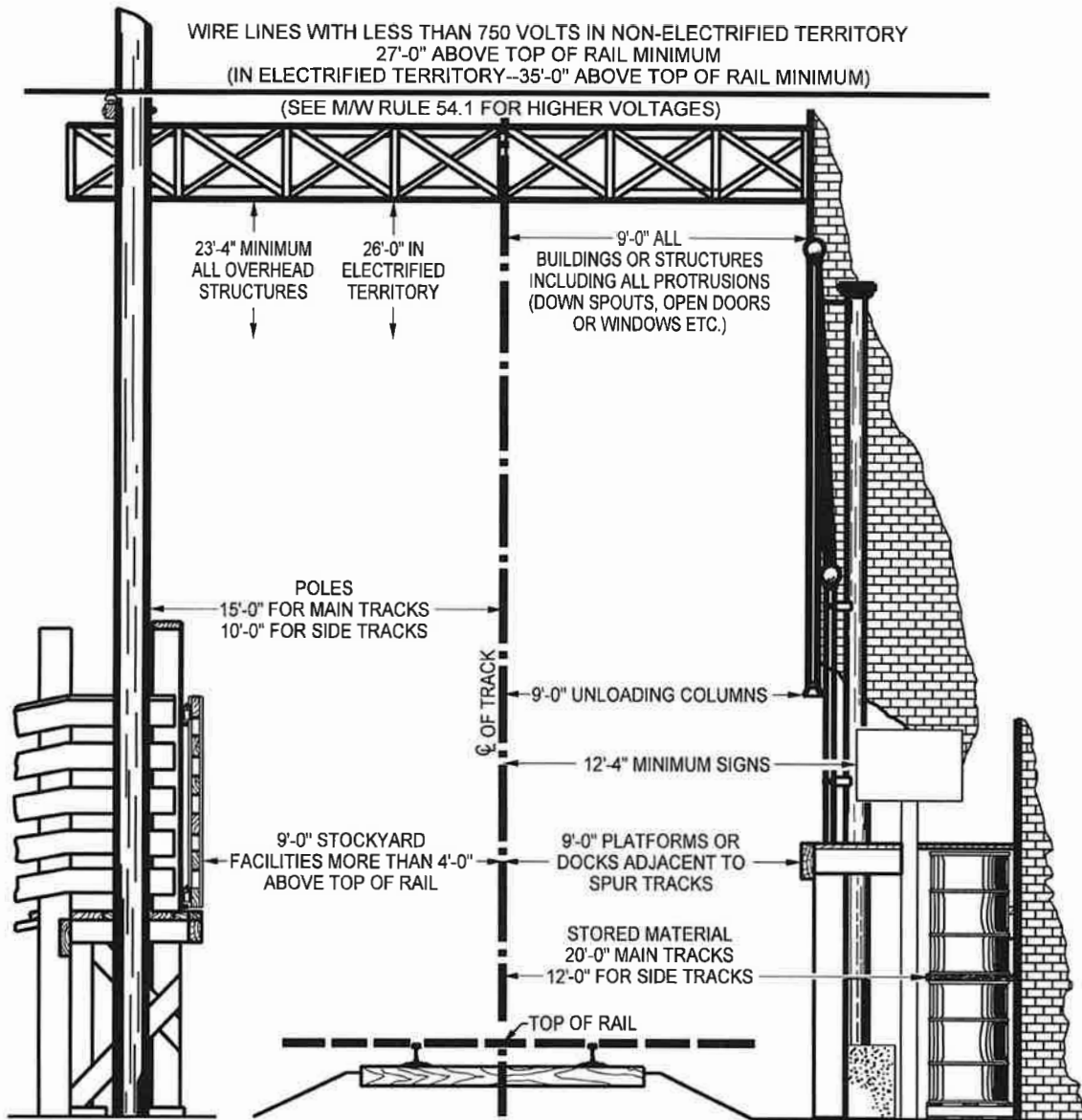


**SIGNAL STRUCTURES AND SWITCH MACHINES
THROUGH RAILROAD OWNED STRUCTURES**

**ENGINEERING STANDARDS
STANDARD MINIMUM
OPERATING CLEARANCES**



THROUGH INDUSTRY OWNED STRUCTURES AND FACILITIES

TRACK NOTES (SEE PAGE 1 FOR GENERAL NOTES):

TRACK CENTERS:

1. TWO OR MORE MAIN TRACKS WILL BE A MINIMUM OF 15'-0" CENTER TO CENTER. SIDE TRACKS ADJACENT TO A MAIN TRACK WILL BE A MINIMUM OF 15'-0" CENTER TO CENTER.
2. ANY TWO OR MORE SIDE OR INDUSTRY TRACKS WILL BE A MINIMUM OF 14'-0" CENTER TO CENTER.
3. LADDER TRACKS AND ANY ADJACENT TRACK WILL BE A MINIMUM OF 20'-0" CENTER TO CENTER.
4. TEAM TRACKS IN PAIRS MAY BE A MINIMUM OF 13'-0" CENTER TO CENTER.
5. ELECTRIFIED TERRITORY REFERS TO TRACKS WHERE ELECTRIC LOCOMOTIVES OPERATE.
6. ALL VERTICAL CLEARANCES ARE MEASURED FROM THE TOP OF HIGHEST RAIL.
7. FOR INDUSTRY OWNED STRUCTURES AND FACILITIES, ALL HORIZONTAL CLEARANCES SHALL BE MAINTAINED FROM THE TOP OF RAIL.

SUPERELEVATION:

1. AN ADDITIONAL 4 1/4" HORIZONTAL CLEARANCE AT 20'-0" ABOVE TOP OF RAIL MUST BE ALLOWED ON THE LOW RAIL SIDE FOR EACH ONE INCH OF SUPERELEVATION TAPERING TO ZERO INCHES ADDITIONAL CLEARANCE AT THE TOP OF RAIL.

ENGINEERING STANDARDS
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