Recommended Configuration Plan for Grade Crossing Warning Devices With or Without Gates, One or More Tracks With Two Quadrant Gates or Four Quadrant Gates at Right Angle Crossing, Two-Way Vehicular Traffic, One Lane Each Way

Revised 2021 (5 Pages)

Figure 3136A-1: Single Or Multiple Track, Without Gates

Note 1 – Where minimum clearances and preferred dimensions cannot be achieved, actual locations of devices may vary based on recommendations of a diagnostic team.

Note 1 – Where minimum clearances and preferred dimensions cannot be achieved, actual locations of devices and gate arm length may vary based on recommendations of a diagnostic team.

Note 2 – Unless specified on the plans the gate arm shall extend across at least 90% of each approach lane.

Note 3 - See Manual Part 3.1.36, Recommended Functional Guidelines for Configuration Plans for Grade Crossing Warning Devices for additional information.
Figure 3136A-3: Multiple Track, With Additional Optional Gates

Note 1 – Where minimum clearances and preferred dimensions cannot be achieved, actual locations of devices and gate arm length may vary based on recommendations of a diagnostic team.

Note 2 – Unless specified on the plans the gate arm shall extend across at least 90% of each approach lane.

Note 3 – If used, these Flashing Light Signals, with or without gates, shall operate in conformance with Manual Part 3.1.11, Recommended Functional/Operating Guidelines for Adjacent Track Interconnected Grade Crossing Warning Systems.

Note 4 - See Manual Part 3.1.36, Recommended Functional Guidelines for Configuration Plans for Grade Crossing Warning Devices for additional information.
Figure 3136A-4: Single Or Multiple Track, With Two Quadrant Gates And Nearby Parallel Roadway

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Note 2 – Unless specified on the plans, the gate arm shall extend across at least 90% of each approach lane.

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Note 1 – Where minimum clearances and preferred dimensions cannot be achieved, actual locations of devices and gate arm length may vary based on recommendations of a diagnostic team.

Note 2 – Unless specified on the plans the gate arm shall extend across at least 90% of each approach lane.

Note 3 - See Manual Part 3.1.36, Recommended Functional Guidelines for Configuration Plans for Grade Crossing Warning Devices for additional information.

Commented [FJ6]: Change this note to "Side lights for turning vehicles (on extension arm as required; oriented to maintain required 30" light center) Typ "

Figure 3136A-5: Single Or Multiple Track, With Four Quadrant Gates