**Advance Warning Sign**

**Function of the Advance Warning Sign**

- The distance is measured along the right edge of the pavement from RR stop bar to sign advance warning sign.

**Typical Plan**

- **Passive State** (Train Circuit Not Actuated)
  - **Front View**
  - **Side View**
  - **Notes:**
    - "STOP AHEAD" is standard and the preferred sign message.
    - Another message may be approved when appropriate for specific situations.

- **Active State** (Train Circuit Actuated)
  - **Front View**
  - **Notes:**
    - Conduit and cable from the normally closed relay of RR controller cabinet to the junction box shall be furnished and installed by RR.

**Location of the Advance Warning Sign**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Distance (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>50</td>
</tr>
<tr>
<td>30</td>
<td>75</td>
</tr>
<tr>
<td>40</td>
<td>125</td>
</tr>
<tr>
<td>50</td>
<td>250</td>
</tr>
<tr>
<td>55</td>
<td>325</td>
</tr>
</tbody>
</table>

**Functional Block Diagram**

- **Front View**
  - **Side View**
  - **Passive State** (Train Circuit Not Actuated)
    - **Notes:**
      - Sign W10-3 (36")
      - 8" Aluminum Pipe (0.188" Wall Thickness)
      - Grate at edge of travel way
      - Shoulder
      - Front View
      - Side View
      - Passive State (Train Circuit Not Actuated)

- **Active State** (Train Circuit Actuated)
  - **Notes:**
    - Signal Heads Flashing Alternately In Active State
    - Sign Control Wiring To Be As Recommended By Manufacturer
    - Pull Boxes 20' Nominal Spacing
    - Advance Warning Sign Location May Be Adjusted To Fit Field Conditions

**Location Index**

- **Index**: 509-100
- **Sheet**: 1 of 1
- **Revision**: FY 2020-21
- **Description**: Advance Warning for RR Crossing
- **Last Revision Date**: 01/01/17
- **Revised**: 05/09/14
- **Not Approved**: 06/30/14
- **Not Approved**: 06/30/14
- **Not Approved**: 06/30/14
- **Not Approved**: 06/30/14