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|  | **ALABAMA DEPARTMENT OF TRANSPORTATION**  Design Bureau Traffic & Safety Operations  Rail-Highway Safety Programs Group  1409 Coliseum Boulevard, Montgomery, Alabama 36110 |  |
|  | **Railroad Crossing Warning Device Checklist for**  **Construction Projects with Railroad Involvement** |  |

The following checklist is a guide to determine the condition and compliance of existing rail-highway traffic control devices or crossings when a crossing is located within or near the terminus of a project. This checklist is developed in accordance to the regulations listed in Title 23 CFR 646.214 (b)(3)(i), MUTCD, other Federal and State guidelines. The included MUTCD references are provided in this checklist for quick reference, reference Part 8 of the current MUTCD guide for additional information, detail, and options.

\*REQUIRED

|  |  |  |  |  |  |
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| **\*PROJECT NUMBER** | | | **\*DATE SUBMITTED**  Click or tap to enter a date. | | |
| **\*STREET/ROAD NAME (INCLUDE COUNTY/STATE/U.S. ROUTE)** | | | **\*CROSSING INVENTORY NUMBER (i.e. 123456A)** | | |
| **\*COUNTY** | **CITY/TOWN (IN OR NEAR)** | | **LETTING DATE**  Click or tap to enter a date. | | |
|  | **POSTED HIGHWAY SPEED (MPH)** | | **\*Annual Average Daily Traffic (AADT) & YEAR** | | |
| **\*SCOPE OF WORK AT CROSSING:** | | | | | |
| **KNOWN IMAPCTS TO COMMUNITY i.e. RESIDENTIAL OR COMMERCIAL DEVELOPMENT, EMERGENCY VEHICLE ACCESS ROUTE, HAZARD MATERIAL ROUTE, SCHOOL BUS ROUTE, BLOCKED CROSSING, HUMPED CROSSING, ETC. (IF APPLICABLE, PROVIDE DOCUMENTATION):** | | | | | |
| **CLASSIFICATION INFORMATION** | | | | | |
| **\*cROSSING TYPE**  Choose an item. | **\*CROSSING PURPOSE**  Choose an item. | **\*CROSING POSITION**  Choose an item. | | **tYPE OF LAND USED**  Choose an item. | |
| **\*nUMBER OF TRAFFIC LANES CROSSING RAILROAD**  Choose an item. | **\*Highway System**  Choose an item. | **\*Functional Classification of Road at Crossing**  Choose an item.  Choose an item. | | | |
| **\*Emergency Service Route**  Choose an item. | **\*School Bus Route**  Choose an item. | **\*Transit Bus Route**  Choose an item. | | | **\*estimated percent trucks** % |
| **Smallest Crossing Angle**  Choose an item. | 1. Is Roadway/Pathway Paved? Choose an item. 2. Does Track Run Down a Street? Choose an item. 3. Is Crossing Illuminated? (*Lights within approx. 50 feet from nearest rail*) Choose an item. 4. Intersecting Roadway within 500 feet? Approx. distance (feet) 5. Is there an adjacent crossing with a separate number? DOT No(s). | | | | |

Preliminary Document Not for Release pursuant to 23 U.S.C. §§130 and 148 and other federal safety programs and is exempt from discovery or admission under 23 U.S.C. §§ 402 and 409.

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| **EXISTING CROSSING EQUIPMENT AND SITE CONDITIONS (Passive Warning devices)**  *(Specify the count of each device for all that apply i.e. Count or \_\_\_\_)* | | |
| **\*Advance Warning Signs** | | |
| **Approach** | **Sign** | **Condition** |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
|  | | |
| **\*Pavement Markings** | | |
| **Approach** | **TYPE** | **Condition** |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
|  | | |
| **Channelization Devices/Medians** | | |
| **Approach** | **Device** | **Condition** |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
|  | | |
| **\*Passive Traffic Control Devices** | | |
| **Approach** | **Device** | **Condition** |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. |
|  | | |
| **EXISTING CROSSING EQUIPMENT AND SITE CONDITIONS (ACTIVE WARNING DEVICES)** | | |
| **Approach** | **Device** | **Condition** |
| Choose an item. Choose an item. | **Gate Arms:**  Choose an item.  **Gate Arms:**  Choose an item. | Choose an item.  Choose an item. |
| Choose an item. | **Gate Configuration:** Choose an item. | Choose an item. |
| Choose an item.  Choose an item. | **Mast Mounted Flashing Lights**  Choose an item. Choose an item.  **Mast Mounted Flashing Lights**  Choose an item. Choose an item. | Choose an item.  Choose an item. |
| Choose an item. | **Cantilevered (or Bridged) Flashing Light Structures**  Choose an item. | Choose an item. |
| Choose an item. | **Non-Train Active Warning**  Choose an item. | Choose an item. |
| Choose an item. | **Highway Traffic Signal Interconnection**  Choose an item. | Choose an item. |
| Choose an item. | **Audio Devices**  Choose an item. | Choose an item. |
|  | **Highway Traffic Signal Preemption**  Choose an item. | Choose an item. |
|  | **Other Flashing Lights or Warning Devices**  Specify Type       Count  Specify Type       Count  Total Count of Flashing Light Pairs | Choose an item.  Choose an item. |
| **ADDITIONAL INFORMATION**  (*Provide any additional information or concerns relevant to project’s impact on the crossing i.e. include any other conditions otherwise not noted above such as drainage issues, equipment placement, guardrail condition near devices, etc.*) | | |
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**\*Select statements that apply:**

The existing active and passive warning devices located at this crossing are adequate and comply with the requirements of current MUTCD standards.

The existing active warning devices located at this crossing **DO NOT** comply with the requirements of the current MUTCD standards and need to be Choose an item. a Choose an item. is requested for further review and recommendation of improvements.

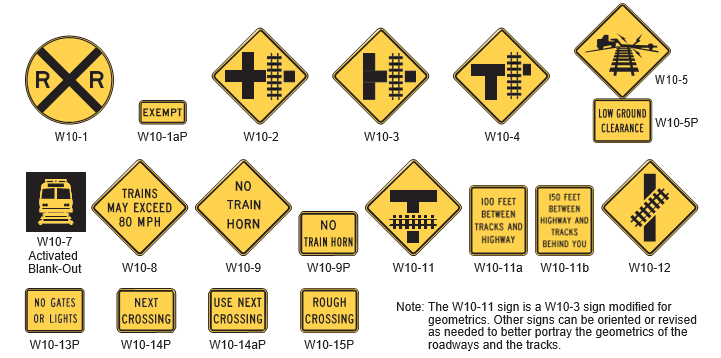
The existing condition of signs, markings, striping, and legends located at this crossing or located within or near the terminus of a Federal-aid project **DO NOT MEET** current MUTCD standards. Updates are required and will be completed prior to or during the construction of the subject project.

BY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Authorized Signature

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Type name of Authorized Signature and Title

**WARNING Signs and Plaques for Grade Crossings**

Source: Figure 8B-4. Warning Signs and Plaques for Grade Crossings, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***

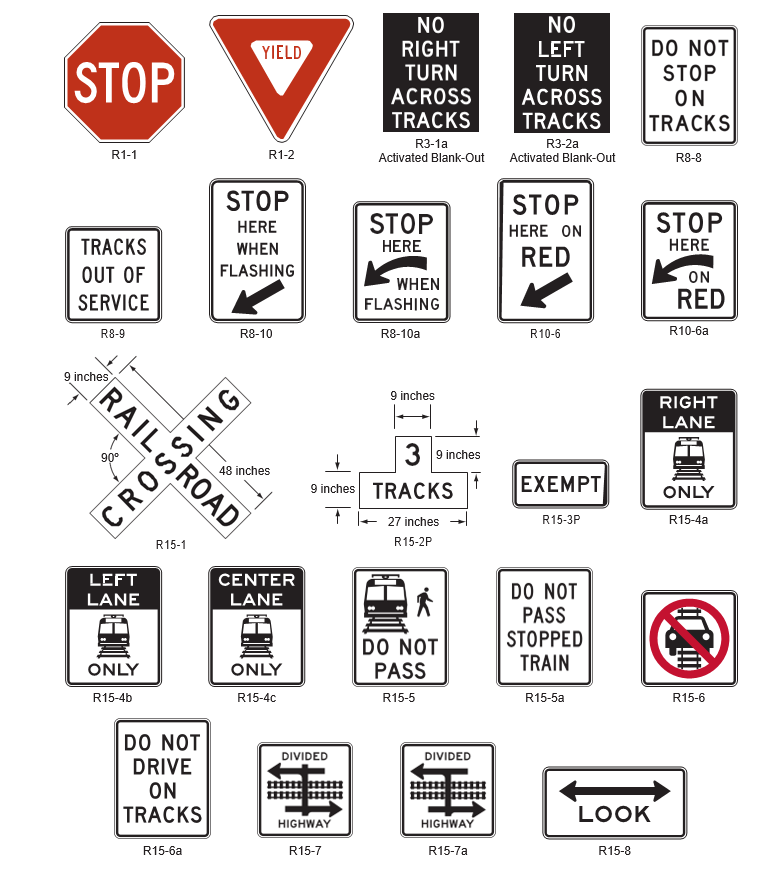
**Other Signs, Plaques, and Devices for Grade Crossings**

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| Emergency Notification signs should be installed at all highway-rail grade crossings. A minimum of USDOT grade crossing inventory number and the emergency contact telephone number should be included. |

**Regulatory Signs and Plaques for Grade Crossings**

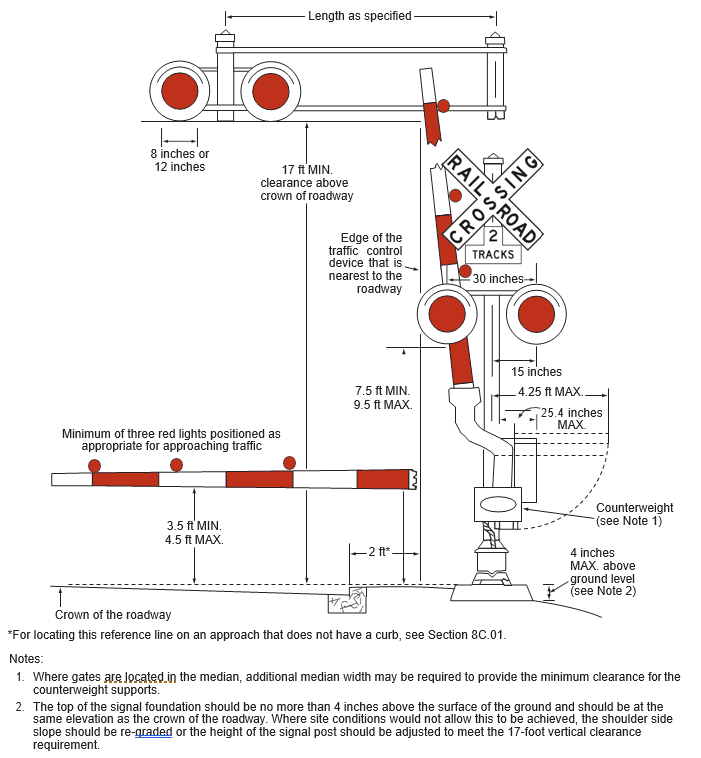
Source: Figure 8B-1. Regulatory Signs and Plaques for Grade Crossings, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***



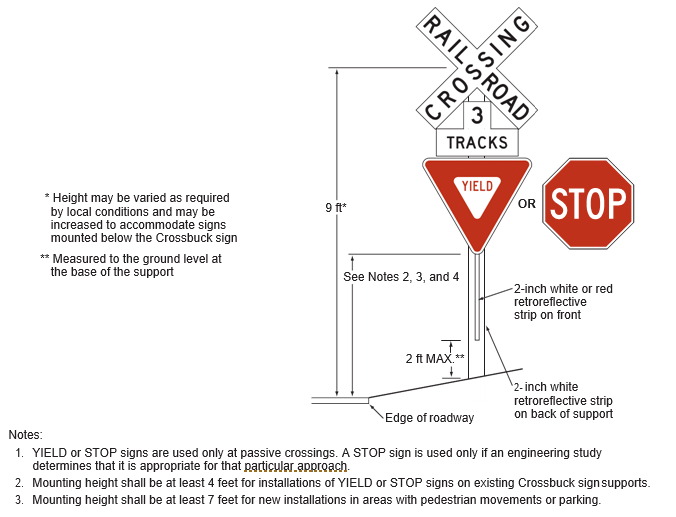
Source: Figure 8C-1. Composite Drawing of Active Traffic Control Devices, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***



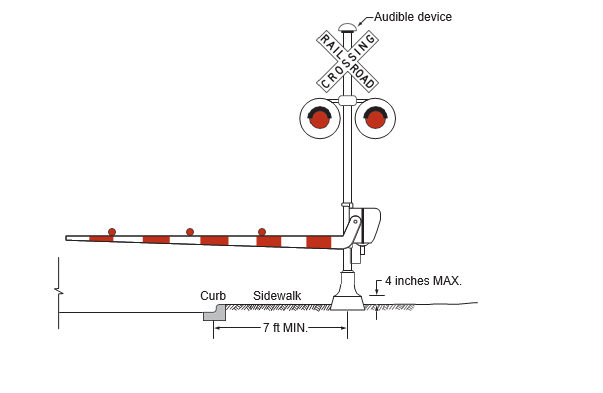
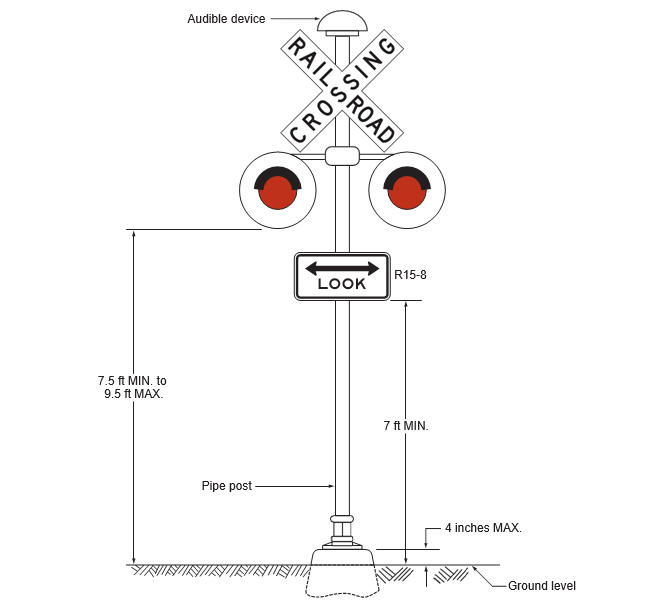
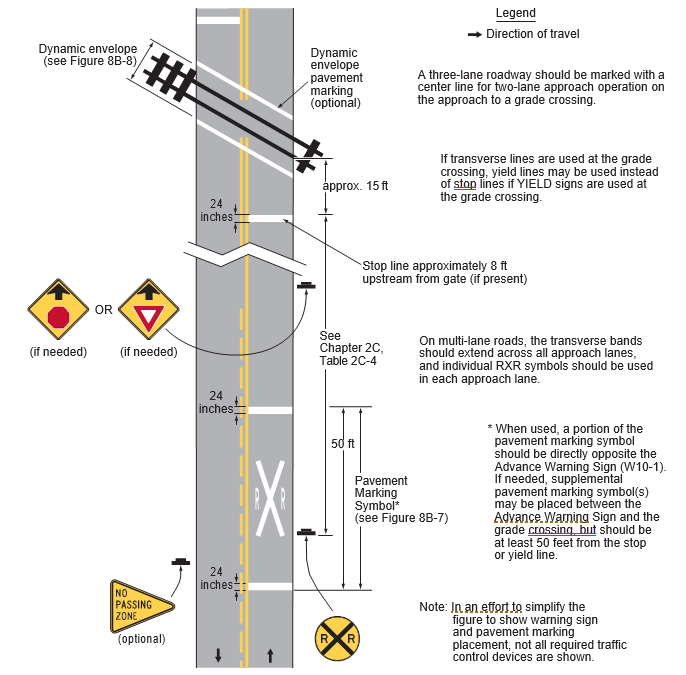
Source: Figure 8B-2. Crossbuck Assembly with Yield or Stop Sign on Crossbuck Sign Support, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***



Source: Figure 8B-6. Example of Placement of Warning Signs and Pavement Markings at Grade Crossings, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***



Source: Figure 8C-4 and 8C-5. Example of Flashing-Light Signal Assembly for Ped. Crossings and Shared Ped. Roadway Gate, MUTCD 2009 edition.

***Reference the current edition of the MUTCD, Part 8 for additional information, detail, and options.***