Index 509-070

Railroad Grade Crossing Traffic Control Devices

Design Criteria

FDOT Design Manual (FDM), FDOT Traffic Engineering Manual (TEM); FHWA Manual on Uniform Traffic Control Devices (MUTCD);

Design Assumptions and Limitations

Signing and Pavement Markings:

Index 509-070, provides standard signing and pavement marking for active at-grade railroad crossing (i.e., crossing with flashing-light signals, gates, or traffic control signals). Refer to the ***MUTCD*** for signing and pavement markings at passive at-grade crossings.

Refer to ***FDM 220*** for the requirements to include Railroad Dynamic Envelope (RDE) pavement markings. In situations where the configuration of the track(s) is not parallel, maintain the typical Railroad Dynamic Envelope pattern and fill the gap between the tracks as necessary. For details of the Railroad Dynamic Envelope pavement markings, refer to ***Index 711-001.***

Plan Content Requirements

Signing and Pavement Markings:

Summarize quantities in the Tabulation of Quantities of the Signing and Pavement Marking Plan.

Detail the pavement markings and sign locations in the Signing and Pavement Marking Plan view.

Payment

Item number	Item Description	Unit Measure
509- 70- A	Traffic Control Device for Railroad Grade Crossing	EA

See the ***BOE*** and ***Specifications*** for information on payment, pay item use, and compensation.