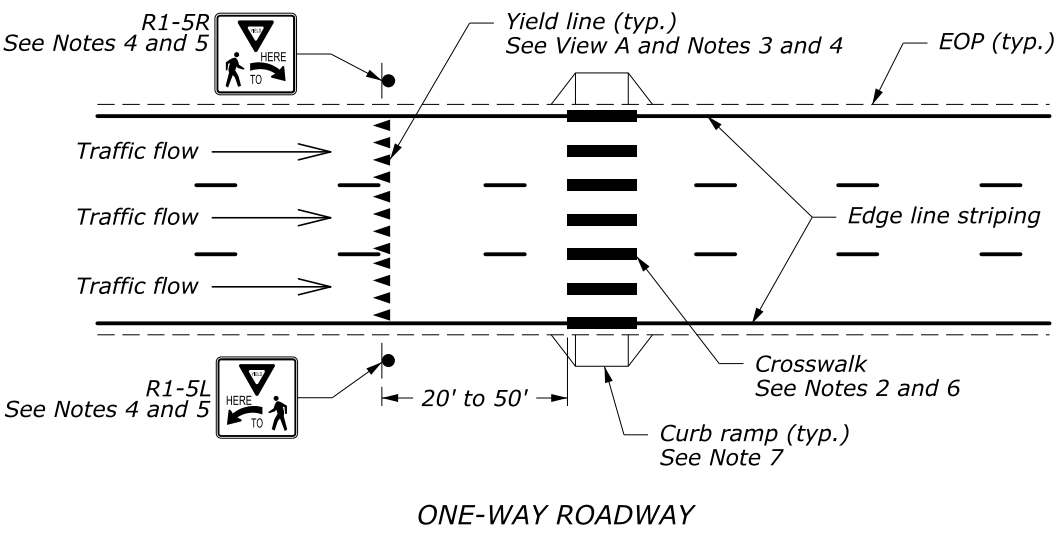
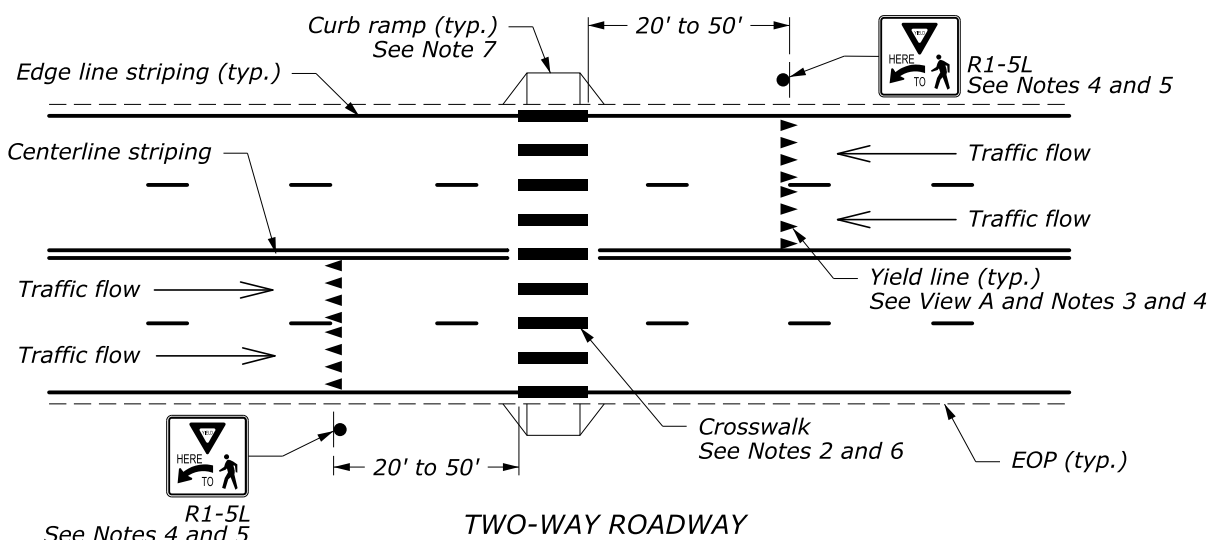
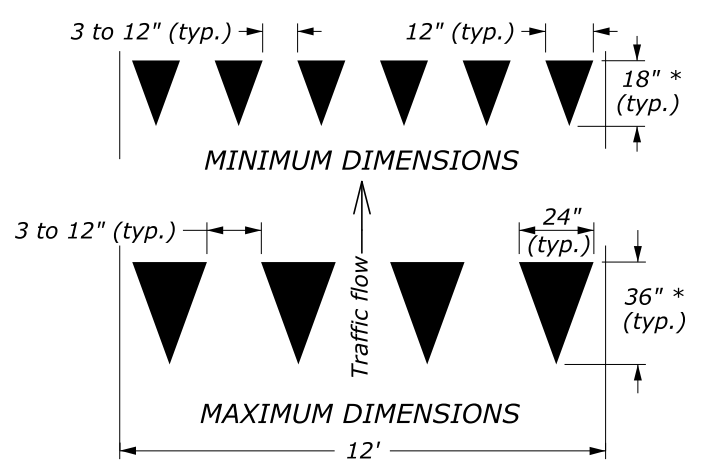
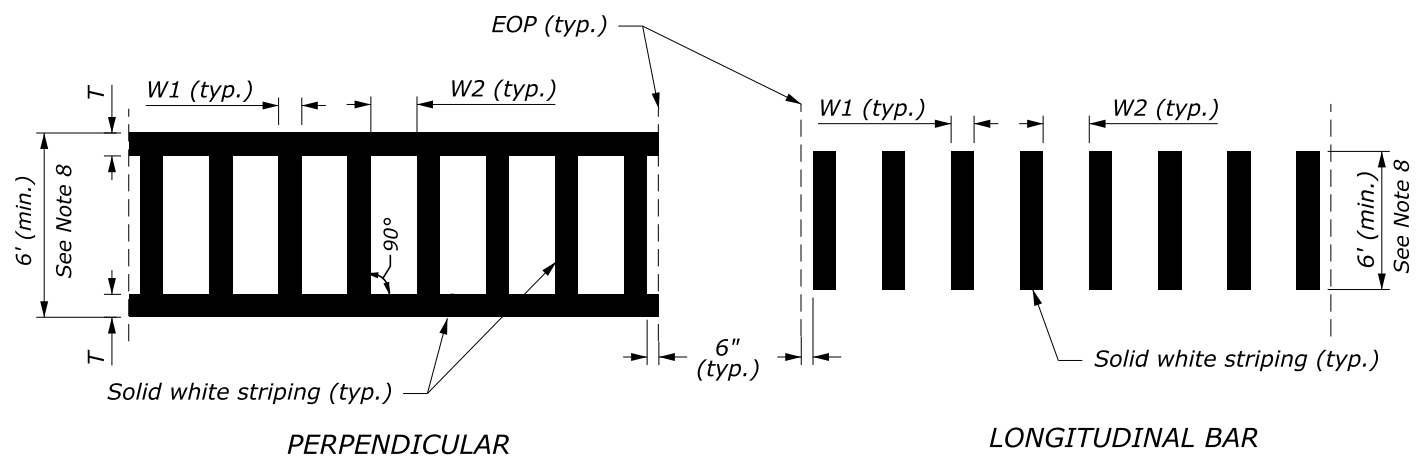


NOTES:

1. Install striping and signing in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Longitudinal bar crosswalk type is used for illustration purposes only. Refer to the plans for project crosswalk type and actual striping dimensions.
3. Smaller than shown yield lines may be used when installed on narrower, slow-speed facilities as approved by the CO.
4. If Stop Here for Pedestrians signs (R1-5b or R1-5c) are used instead of Yield Here to Pedestrians signs (R1-5 or R1-5a), use stop lines instead of yield lines.
5. The In-Street Pedestrian Crossing (R1-6 or R1-6a) sign may be used to remind road users of laws regulating right-of-way at an unsignalized pedestrian crosswalk according to the latest edition of the MUTCD as approved by the CO.
6. For longitudinal bar, longitudinal bar pair, and perpendicular crosswalk types, space line bars to avoid wheel path as shown in the plans or as approved by the CO.
7. When curb ramps are present, ensure that crosswalk markings are located so that the curb ramps are within the extension of the crosswalk markings.
8. At non-intersection crosswalk where the posted speed limit is 40 MPH or greater, provide a minimum crosswalk width of 8 feet unless otherwise specified in the plans.

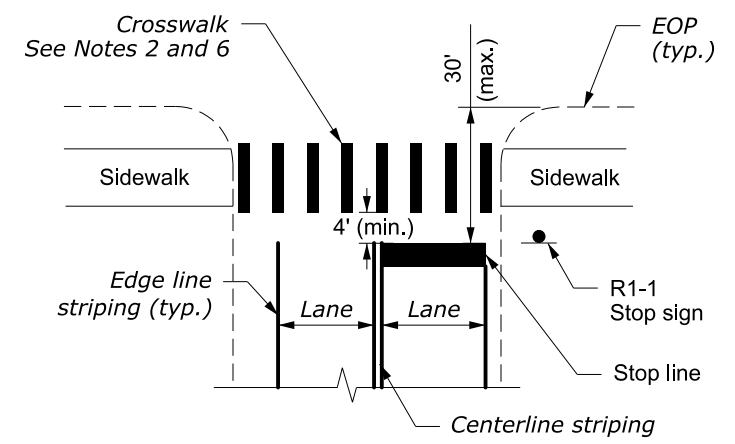
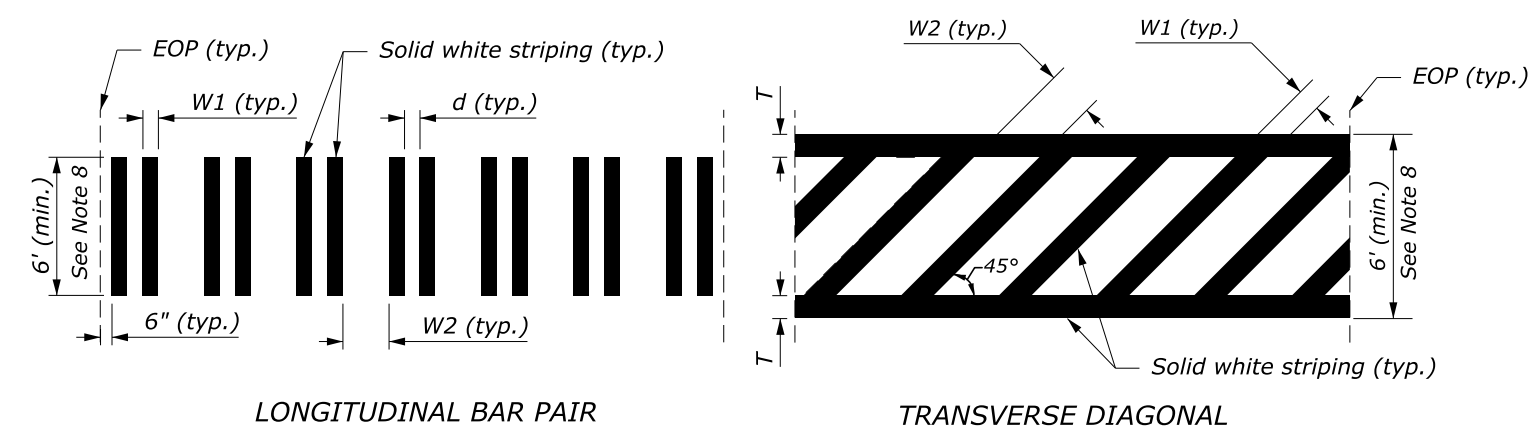


HIGH-VISIBILITY CROSSWALK AT UNSIGNALIZED MIDBLOCK

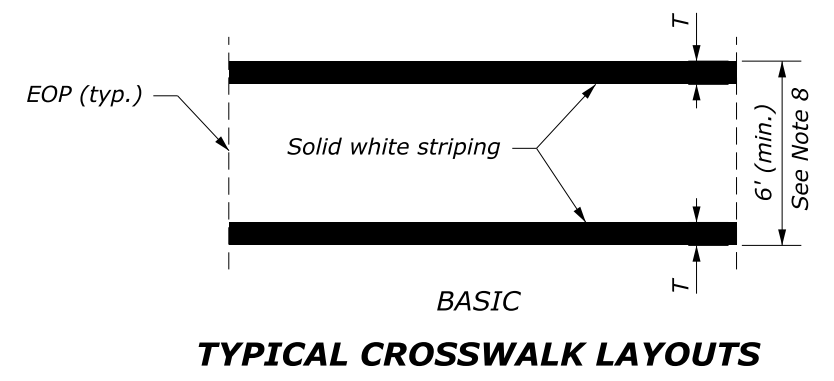


VIEW A - YIELD LINE LAYOUTS

* Ensure triangle height for yield lines is equal to 1.5 times the base dimension.



STANDARD CROSSWALK AT INTERSECTION



TYPICAL CROSSWALK LAYOUTS

CROSSWALK STRIPING DIMENSIONS TABLE

| CROSSWALK TYPE | W1 | | W2* | | T | | d | |
|-----------------------|------|------|------|------|------|------|------|------|
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| Basic | | | | | 6" | 12" | | |
| Longitudinal Bar | 12" | 24" | 12" | 60" | | | | |
| Longitudinal Bar Pair | 8" | 12" | 24" | 60" | | | 8" | 12" |
| Perpendicular Bar | 12" | 24" | 12" | 60" | 6" | 24" | | |
| Transverse Diagonal | 12" | 24" | 12" | 60" | 6" | 24" | | |

* Ensure lateral spacing of the longitudinal bars does not exceed 2.5 times the width of a longitudinal bar.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL

**PAVEMENT MARKINGS
PEDESTRIAN CROSSWALK**

DETAIL APPROVED FOR USE
APPROVED: NOVEMBER 2021

DETAIL
E634-06



NOTES TO THE DESIGNER

Detail E634-06 - Pavement Markings, Pedestrian Crosswalk

November 24, 2021

General Information

1. Refer to Chapter 3C (Crosswalk) of the 11th edition of the MUTCD (or Section 3B.18 of the current 2009 edition of the MUTCD) for additional crosswalk information and guidance.
2. When measuring pavement markings by the linear foot, adjust the measured length in the ratio of the required width to 4 inches (See FP 634.12, 2nd paragraph).
For instance, if a 12-inch wide by 10-foot long stop bar is required, then the adjusted pavement marking length would be:
L (adj) = 12"/4" x 10' = 30'
3. The Detail uses "Saved Views" as attachments in the USC Model. It is recommended to use the Detail as is even if some crosswalk types do not apply to the project. However, if a crosswalk type is to be removed from the Detail, then simply hide it by clicking the check mark under "Display" column in the References Toolbox (Home→ Primary→ Attach Tools (ORD)), and delete any annotations (callouts/dimensions) associated with it in the USC Model.

References (10 of 10 unique, 10 displayed)

| Slot | File Name | Model | Description | Logical | Orientation | Presentation | Display |
|------|---------------------|------------|-----------------------|--------------------|---------------------|--------------|-------------------------------------|
| 1 | st63406_detail.dgn | Elements | Perpendicular Xwalk | Perpendicular | Perpendicular ... | Wireframe | <input checked="" type="checkbox"/> |
| 2 | ...01-EFLHD_det_bd. | US Cust... | US Customary (Sur... | 2 | Coincident - World | Wireframe | <input checked="" type="checkbox"/> |
| 3 | st63406_detail.dgn | Elements | Longitudinal Bar | Longitudianl Bar | Longitudinal Bar... | Wireframe | <input checked="" type="checkbox"/> |
| 4 | st63406_detail.dgn | Elements | Basic Xwalk | Basic | Basic Xwalk | Wireframe | <input checked="" type="checkbox"/> |
| 6 | st63406_detail.dgn | Elements | 2-Way Roadway | Midblock Crosswalk | Midblock Cross... | Wireframe | <input checked="" type="checkbox"/> |
| 7 | st63406_detail.dgn | Elements | 1-Way roadway | Midblock1 Cross... | Midblay Crosswalk | Wireframe | <input checked="" type="checkbox"/> |
| 8 | st63406_detail.dgn | Elements | Yield Line | Yield Line | Yield Line | Wireframe | <input checked="" type="checkbox"/> |
| 9 | st63406_detail.dgn | Elements | Standard Xwalk @ I... | Standard Xwalk | Typical Xwalk | Wireframe | <input checked="" type="checkbox"/> |
| 11 | st63406_detail.dgn | Elements | Double Paired | Double-Paired X... | Double-Paired ... | Wireframe | <input checked="" type="checkbox"/> |
| 12 | st63406_detail.dgn | Elements | Diagonal Xwalk | Diagonal XWalk | Diagonal XWalk | Wireframe | <input checked="" type="checkbox"/> |

4. Be sure to include Quantity Summary and Schedule sheets (C sheets) for all applicable signs and pavement markings.
5. There is no need to modify the Detail if Stop Here for Pedestrians (R1-5b & R1-5c) signs and stop bar are use per Note 4. The Contractor must check the Permanent Sign and Pavement Marking Summary sheets for applicable signs and markings.

Applicable SCRs.

Typical Pay Item Used

- For pavement markings, use 63401, 63402, 63403, or 63405 pay item series as applicable to the project (LNFT or SQFT).
- For sign panels use 63303 and 63304 pay item series as applicable (EACH or SQFT).
- For Posts use 63305 and 63306 pay item series as applicable (LNFT or EACH)

Updates

11/2021 – Initial creation of Detail E634-06 and Notes to the Designers word and PDF documents.

DRAFT