



Install Center Line Pavement Markings on the Minor Road Approach

Application of a double yellow center line on a minor road approach that extends at least 50 to 100 feet back from the stop line. Center line markings promote proper vehicle placement and attract attention to the intersection ahead.



Source: VHB

Center line markings along this stop-controlled approach help draw attention to the four-legged intersection.



Source: VHB

Coupled with a stop line, these center line markings promote proper vehicle placement at a T-intersection.

Targeted Crash Types

- Opposing left turn
- Right-angle
- Sideswipe, opposite direction
- Head-on

Conditions Addressed

- Crash history or observed conflicts between stopped vehicles and turning or oncoming vehicles.
- Observed poor vehicle positioning at intersection.

Problems Addressed

- Inadequate visibility of the intersection or intersection traffic control devices
- Inadequate motorist guidance

Considerations

- The motorist needs adequate sight distance of the treatment to allow an appropriate amount of time to respond.
- May be desirable to enhance the centerline with retroreflective raised pavement markers (RRPMs).
- Center line placement may be used to help provide adequate room for turns from the major road.

Industry Standard

MUTCD

[Section 3B.01: Yellow Center Line Pavement Markings and Warrants](#)

Other Resources

[Stop Sign-Controlled Intersections: Enhanced Signs and Markings - A Winston-Salem Success Story, FHWA](#)

Select Examples

[2nd St. & Spring St., Winston-Salem, NC](#)

[Bradley Rd. & St. Johns Bluff Rd., Jacksonville, FL](#)

[E. Musser St. & N. Roop St., Carson City, NV](#)

