



Install Lane Assignment Pavement Markings or Signing

Clarification of lane assignments through pavement markings and/or signing.



Source: VHB

Lane assignment pavement marking symbols and a sign provide guidance on lane assignments along this approach.



Source: VHB

These lane assignment pavement markings convey valuable information on this three-lane minor road approach.



Source: VHB

The lane assignment pavement markings at this T-intersection help notify the road user of the impending intersection.

Targeted Crash Types

- Rear-end (major road)
- Rear-end (minor road)
- Sideswipe, opposite direction
- Sideswipe, same direction

Conditions Addressed

- Crash history or observed conflicts related to driver confusion regarding proper lane use.

Problems Addressed

- Inadequate motorist guidance

Considerations

- Lane assignment signs and/or markings need to be visible to drivers.
- Overhead signs tend to be more visible than post-mounted signs on the shoulder but are far more expensive and can be aesthetically unappealing.

Industry Standard

MUTCD

[Section 2B.19: Intersection Lane Control Signs \(R3-5 through R3-8\)](#)

[Section 3B.20: Pavement Word, Symbol, and Arrow Markings](#)

Select Examples

[High St. & College Ave., State College, PA](#)

[County Road 73 & S. Southern Hills Dr., Hastings, NE](#)

Other Resources

[NCHRP 500 Volume 5: A Guide for Addressing Unsignalized Intersections](#)

