

House Transportation
Committee

February 16, 2021

Joe Segale, P.E./PTP

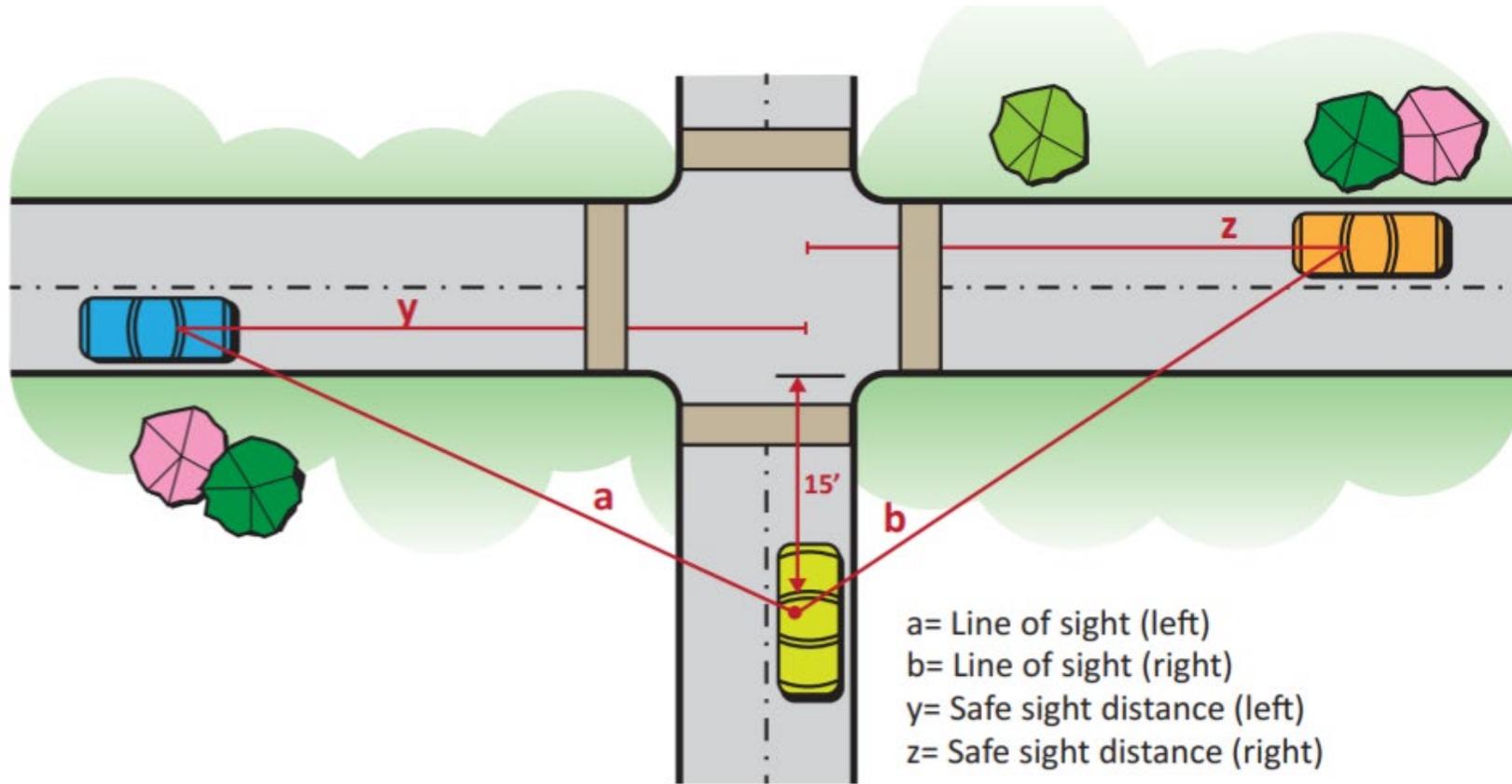
Policy, Planning and
Research Bureau Director

ACCESS MANAGEMENT OVERVIEW

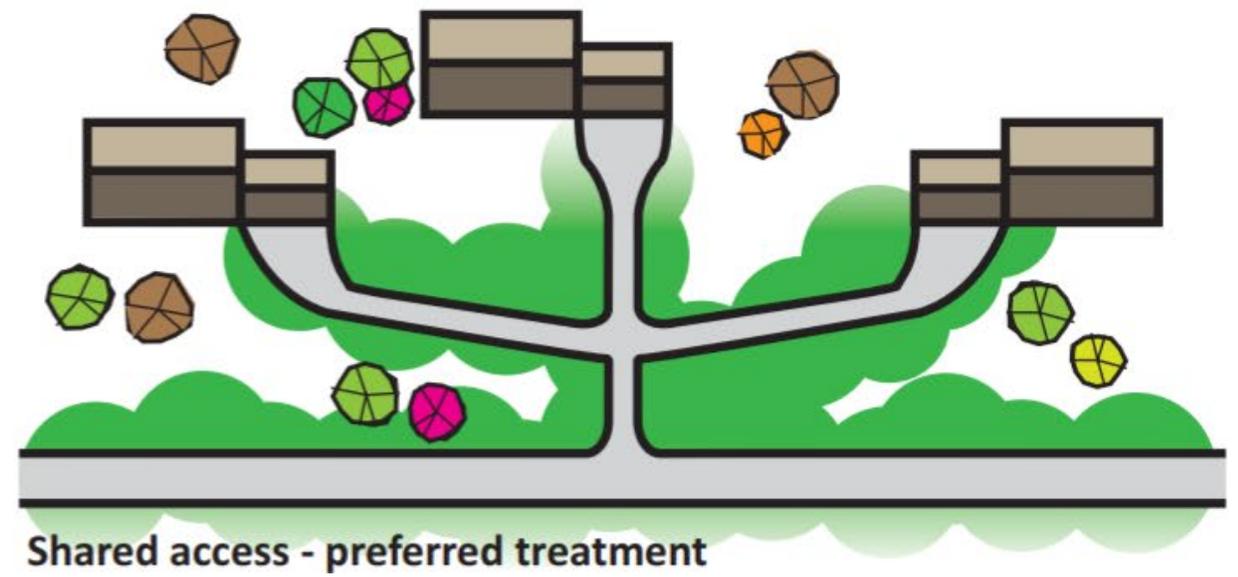
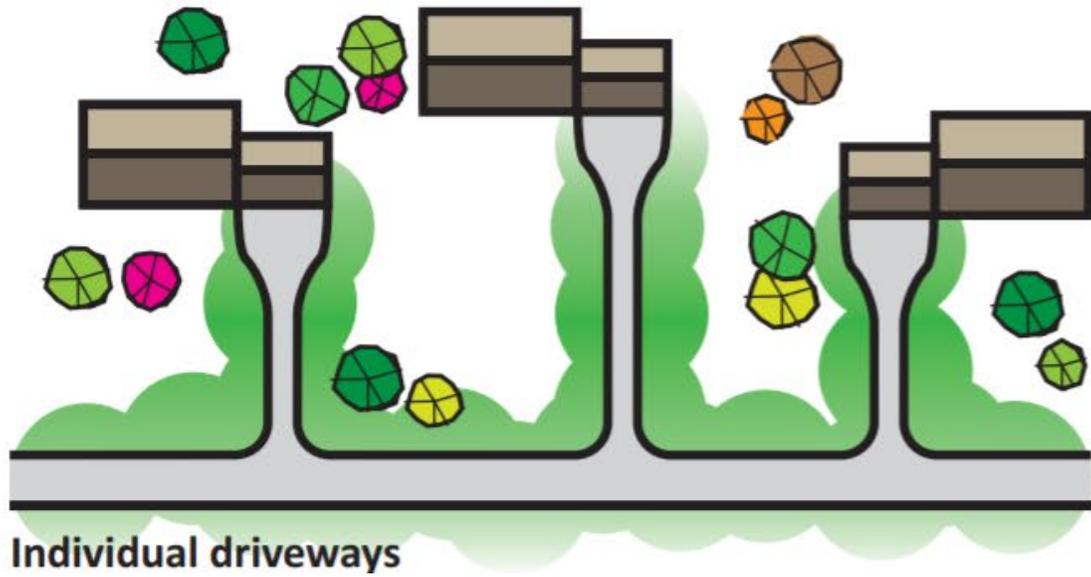
ACCESS MANAGEMENT DEFINITION

- Access Management (AM) is the proactive management of vehicular access points to land parcels adjacent to all manner of roadways.
- Good access management promotes safe and efficient use of the transportation network.
- AM encompasses a set of techniques that state and local governments can use to control access to highways, major arterials, and other roadways.





SIGHT DISTANCE



DRIVEWAY CONSOLIDATION

Source: Multimodal Circulation Handbook for Chester County, PA,
<https://www.chesco.org/DocumentCenter/View/26940/Multi-Modal-Circulation-Handbook?bidId=>

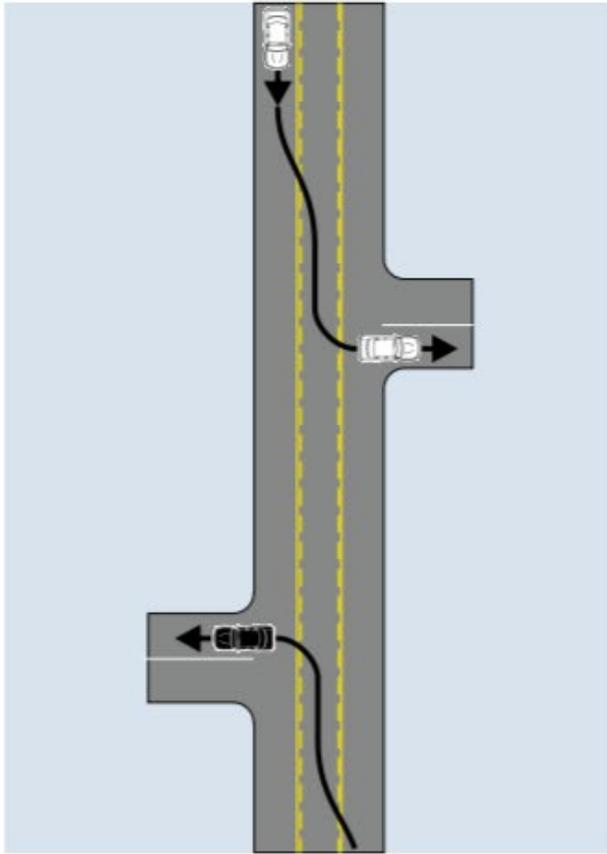


Figure 9: Locate Driveways on Opposite Sides of a Roadway to Achieve a Positive Offset

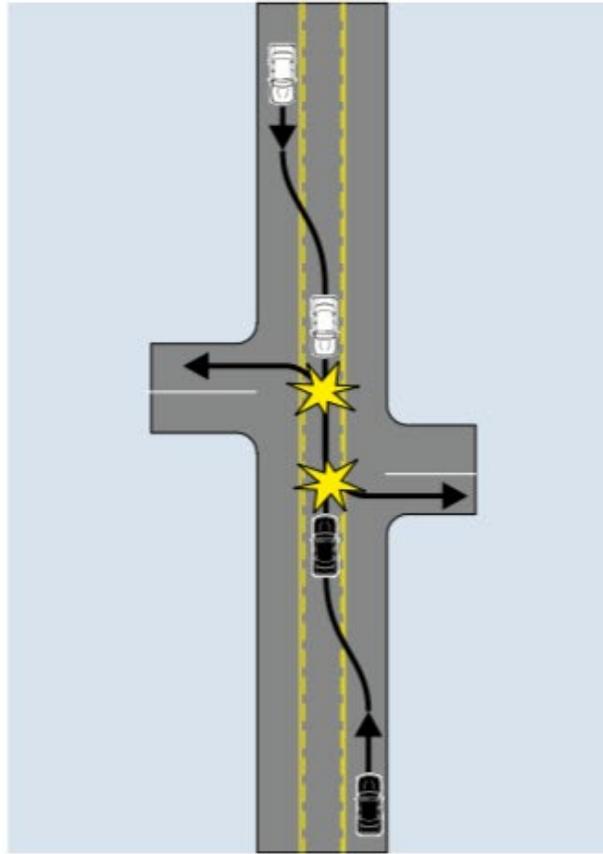


Figure 10: Avoid Locating Driveways on Opposite Sides of the Roadway that Create an Overlap for Left Turns Exiting the Major Roadway

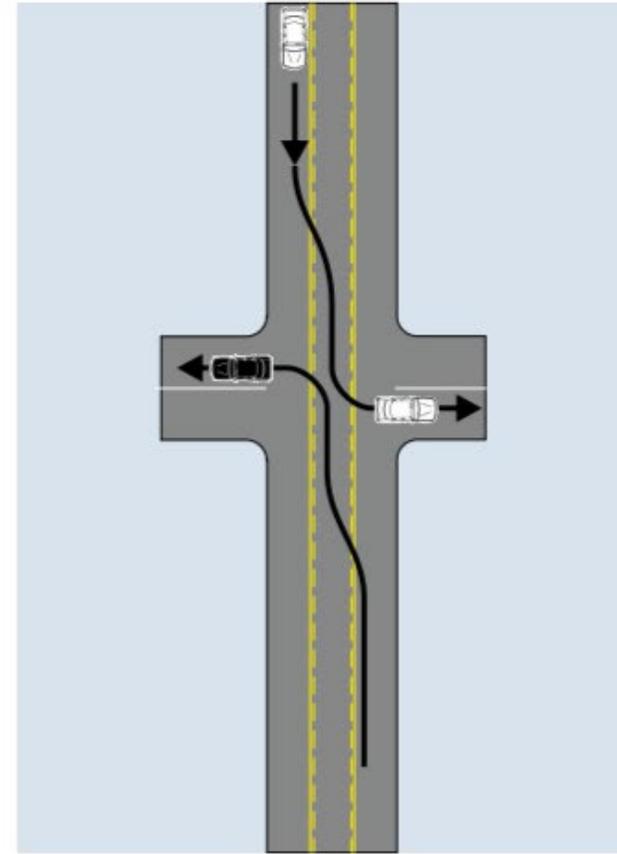


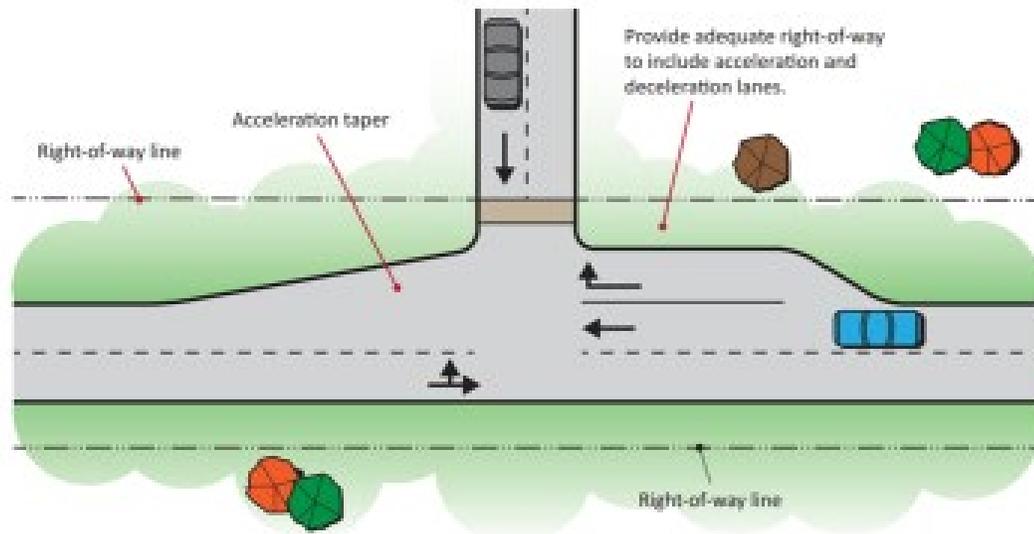
Figure 11: Align Driveways on Opposite Sides of the Roadway

DRIVEWAY SPACING

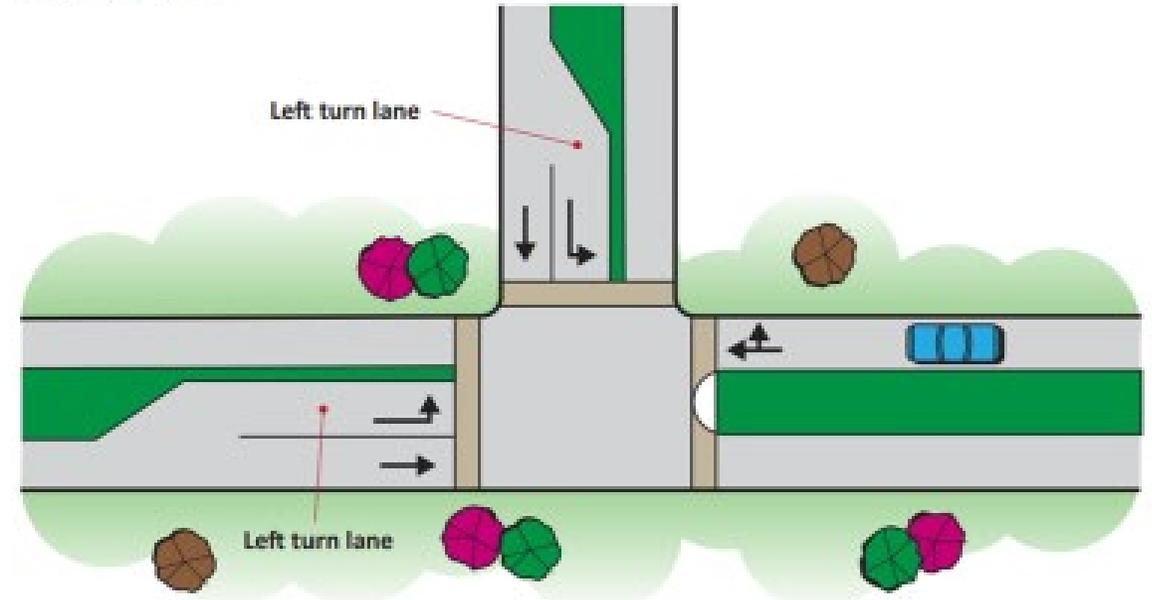
Source: Access Management in the Vicinity of Intersections, FHWA.

http://www.virginiadot.org/business/resources/LocDes/Access_Management_in_the_Vicinity_of_Intersections.pdf

Acceleration/Deceleration Lane with Taper Only



Left turn lane



TURNING LANES

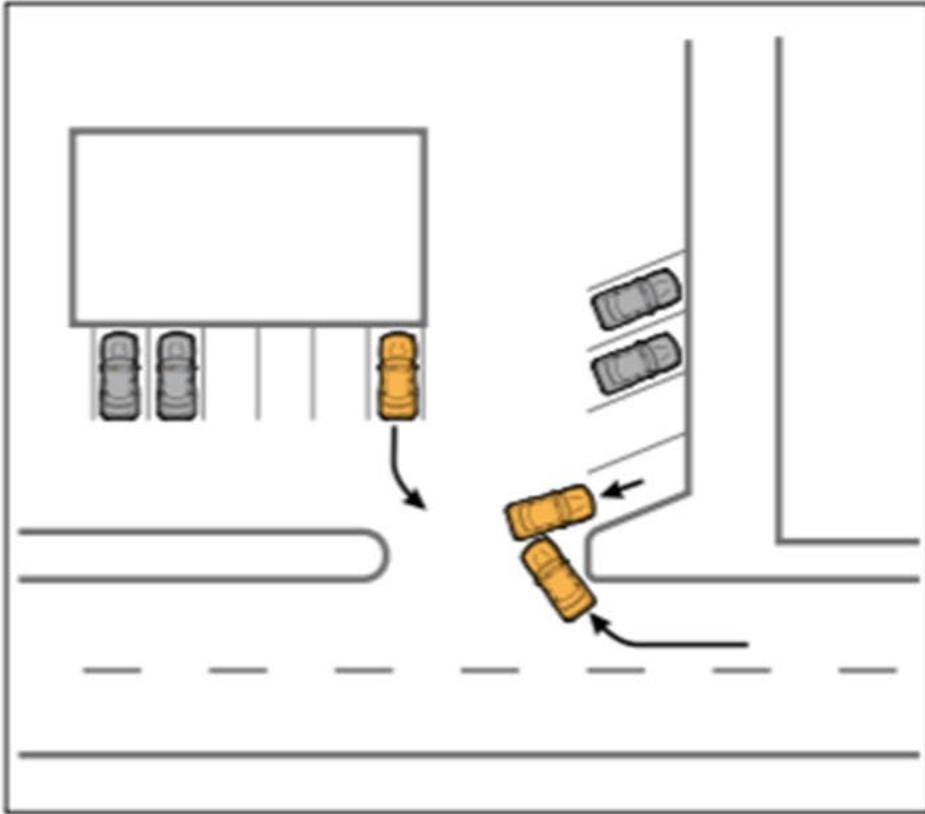


Figure 12: Parking Maneuvers Close to the Roadway Result in Delays for the Inbound Motorist

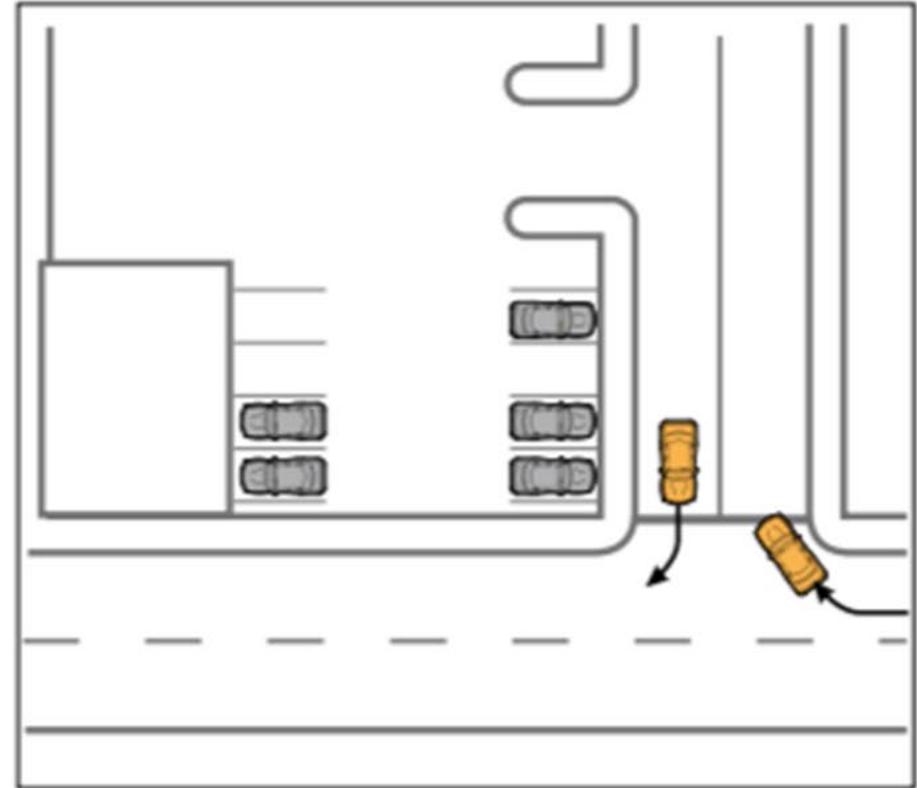
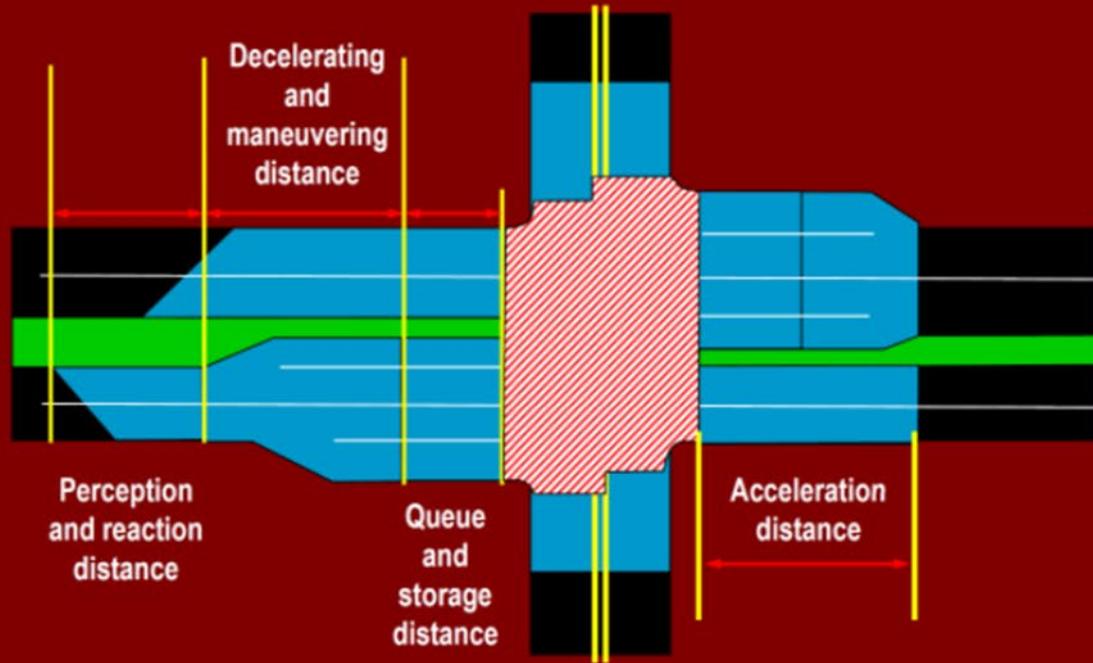


Figure 13: Unobstructed and Clearly Defined Driveways Allow Easy Access for Inbound Motorists

SITE ACCESS AND CIRCULATION

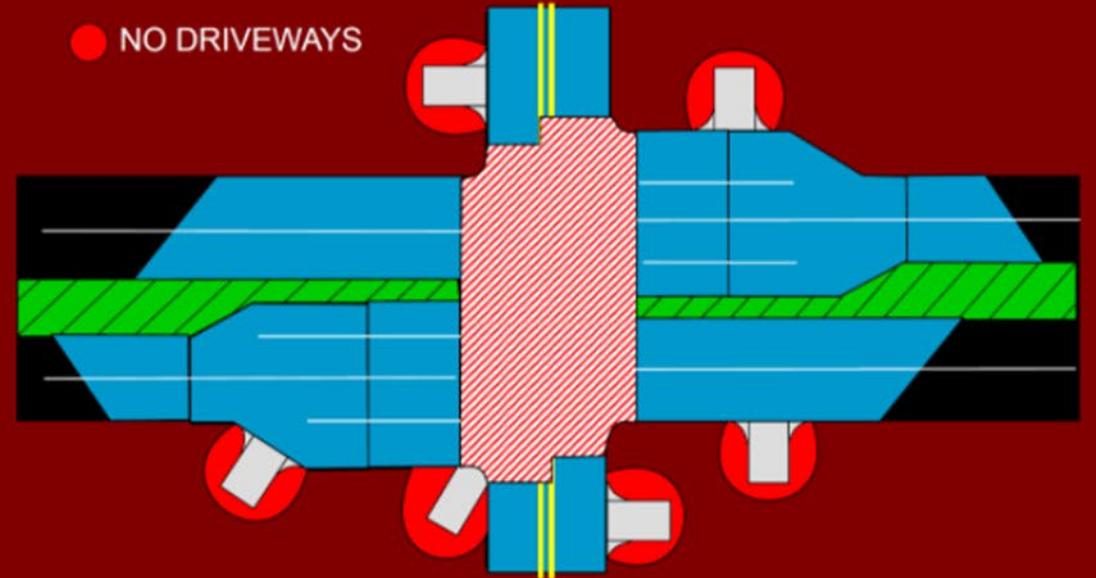
Intersection Functional Area



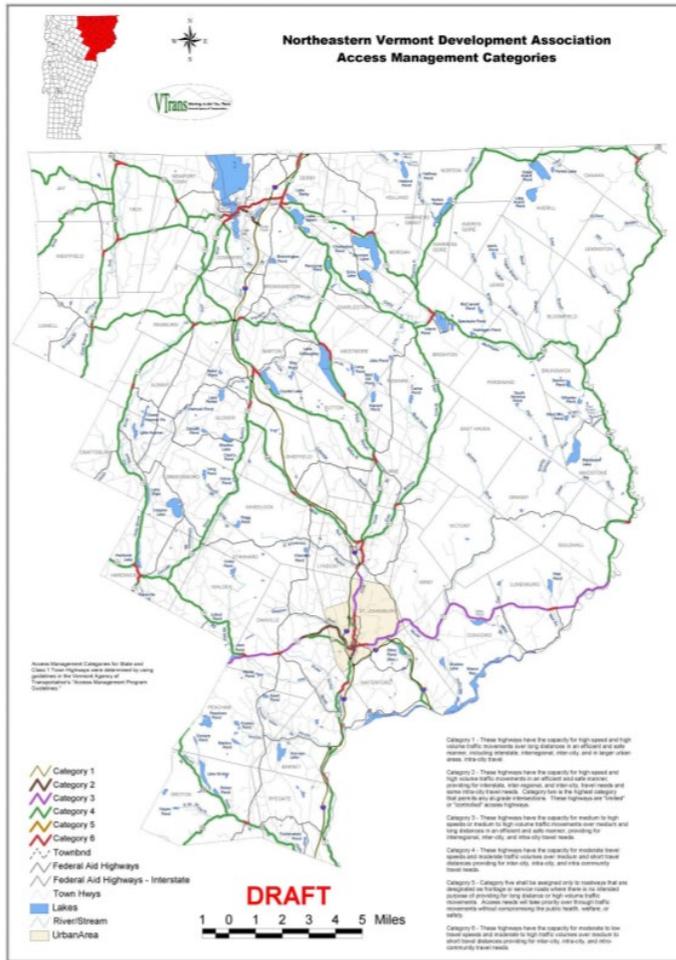
Intersection Functional Area

Driveways should be located outside of this area

● NO DRIVEWAYS



DRIVEWAYS NEAR INTERSECTIONS



VERMONT
AGENCY OF TRANSPORTATION

**ACCESS MANAGEMENT
PROGRAM GUIDELINES**

Defining

*Access
Management*

☀️ "a process that provides or manages access to land development while simultaneously preserving the flow of traffic on the surrounding road system in terms of safety, capacity needs, and speed."

Utilities & Permits Unit
 Program Development Division
 July 1, 1999
 Rev July 17, 2000
 Rev Nov 15, 2001 (Category 4 & Table 1-1 changes)
 Rev. July 22, 2005

VTRANS ACCESS MANAGEMENT GUIDELINES