Access management is a set of street design techniques that control where vehicles may enter and leave the road. Examples include the spacing, design, and operation of driveways, turns, medians, and intersections. Properly designed access management reduces stop-and-go situations that lead to collisions.

Effective access management involves balancing the traffic movement and access to the properties along the road. When driveways are too close to intersections, traffic backups affect cross-street traffic flow and safety. In retrofit situations, public agencies must work with property owners to implement access management.

How Will This Help?
- Maximizes efficiency by increasing traffic flow and reducing congestion.
- Increases safety for drivers and pedestrians by reducing collisions caused by frequent speed changes and blind spots.
- Preserves public investment because roads operate as designed.
- Improves the corridor’s appearance by providing landscaping opportunities and adding visual appeal.

Implementation Issues
Good access management begins early in development when techniques can be more easily included in the design. Retrofitting is difficult and costly, but possible. Business owners may have concerns about treatments hindering customers from reaching their location. Practitioners should work closely with business owners to address these concerns.

Target Market
Access management can be applied at any scale but focuses on the following:
- Driveways to developments (spacing, removing, and sharing).
- Turning movements on streets (restricting left turns, installing raised medians, and regulating frequency).
- Intersections (spacing).

TxDOT’s Access Management Manual provides spacing standards for state facilities.

Success Stories

<table>
<thead>
<tr>
<th>CITY/STATE</th>
<th>SUCCESS STORIES</th>
</tr>
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<tbody>
<tr>
<td>Houston, Texas</td>
<td>Improvements to Westheimer Road, FM 518, and FM 1960, including limiting left-turn movements, reduced crashes by up to 50% and traffic delay by 13%</td>
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<tr>
<td>Arlington, Texas</td>
<td>Raised median installation on FM 157 (Cooper Street) resulted in a nearly 50% lower crash rate.</td>
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