

What is Access Management?

- Set of Tools to Help Improve Safety and Protect Public Investments in Roadways
- Balances Access to Developed Land with Traffic Mobility Needs
- Works with Functional Classification Hierarchy
- NOT One-Size-Fits-All

Why Use Access Management?

- Improve Public Safety
- Enhance Mobility
- Preserve Functional Classification Integrity
- Protect Infrastructure Investment

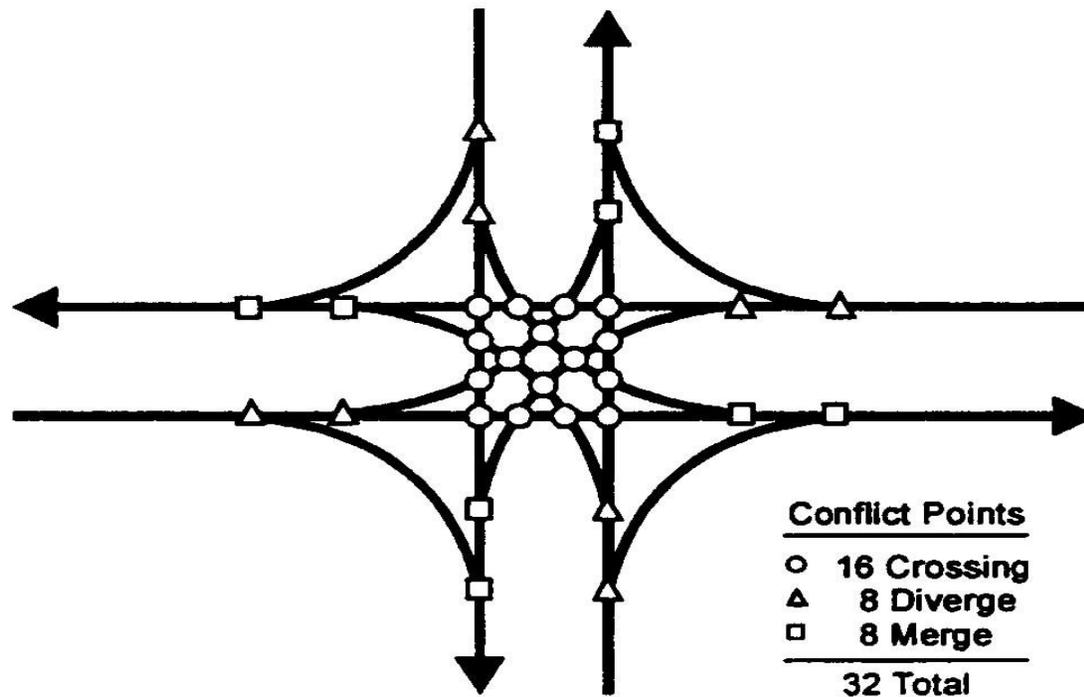


Safety

- Remove Speed Differentials
- Reduce Conflict Points at Intersections
 - Driveways are Intersections too!!
- Increase Driver Expectations



4-Leg Intersection Conflict Points



Vehicular Conflicts

Source - NHI Course 15255

Safety - Reduce Conflict Points



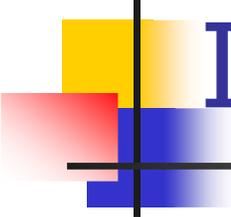
Safety - Reduce Crashes



Increased Mobility

- Less Stop and Go Traffic
- Reduce Travel Delay
- Increase/Preserve Road Capacity
- Reduce Fuel Consumption





Preserve Infrastructure Investment

- Maintain/Improve Capacity
- Eliminate Need for New Parallel Facilities
- Save Taxpayer's Money

Basic Access

Management Techniques

- Median Alternatives (Directional vs. Full)
- Traffic Signal Spacing Criteria
- Unsignalized Access Spacing Criteria
- Corner Clearance Criteria

Basic Access

Management Techniques

- Auxiliary Lanes
- Access Control at Exit/Entrance Ramp Junctions with Frontage Roads
- Frontage Roads
- Alternative Left Turn Treatment

U-Turn Jug Handle

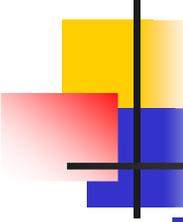


- Left-turn, then Merge with Traffic

Arterial Case Study

Example of Poor Access Management





Application of AM Techniques

- Short Term Projects & TSM Improvements
 - Signal Coordination
 - Turn Lane Development
- Retrofit & Widening Projects
 - Development of Raised Medians
 - Driveway Consolidation
- New Location Projects
 - All Techniques Applicable
 - Strict Land Planning Through Local Entities