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# **Access Management**

## **Georgia Planning Association**

### **Fall Conference**

### **October 1, 2009**



# What is Access Management?

- “The systematic control of the location, spacing, design, and operation of driveways, median openings, interchanges, and street connections to a roadway.”

Access Management Manual, TRB, 2003

- The purpose of access management is to provide vehicular access to land development in a manner that preserves safety and efficiency.



## Key Goal

- A key goal of access management is to maintain the functional integrity of the roadway system.



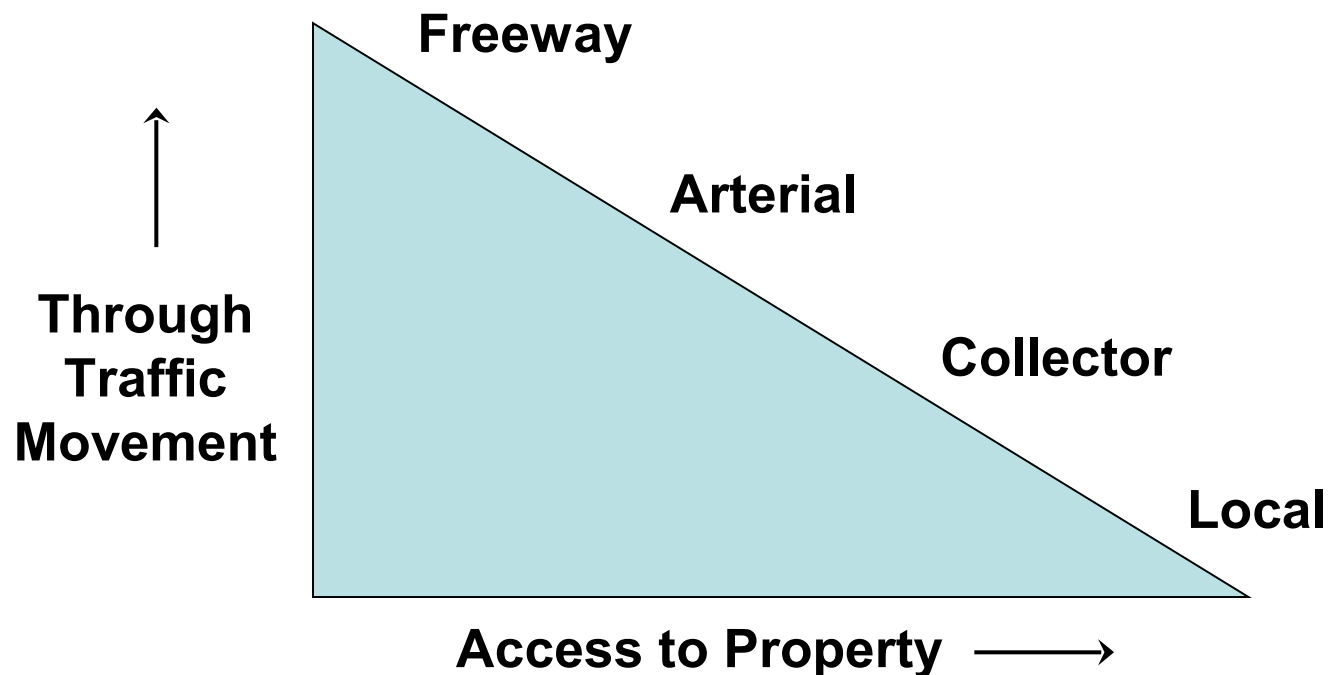
# Functional Integrity

- Reserve high speed, high capacity roads for high speed, long-distance travel
- Maintain a “hierarchy” of roads
- Balance traffic movement and access to adjacent land by providing land access compatible with the roadway classification



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# Functional Integrity







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The  
Elements  
Of  
Access  
Management



# Legal Considerations

- **State authority derives from exercise of police power to protect public good-GDOT *must consider statutory authority to engage in any program of regulation***
- **Local land development activities can also be affected by access management procedures of the state.**







# Land Use Connection

- **ISTEA instituted policy support for access management/coordinated land use and transportation**
- **GDOT can establish policy framework to induce local action policies.**
- **Access management strategies may be incorporated into local plans and work programs**







# Access Management in Transitional Areas

## Focus on:

- Controlling sprawl
- Planning for the future

- Controlling curb cuts
- Controlling turn movements





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# Access Management in Urban/Suburban Areas

Focus on:

- Intersection/signal spacing
- Rear parking



- Retrofitting existing buildings
- Lot interconnectivity







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## Costs of No Action

- Expensive road expansion projects needed to add capacity
- Leads to strip development
- More accidents
- Unhappy public
- Unattractive corridors
- Discourages Pedestrians and Bicyclists



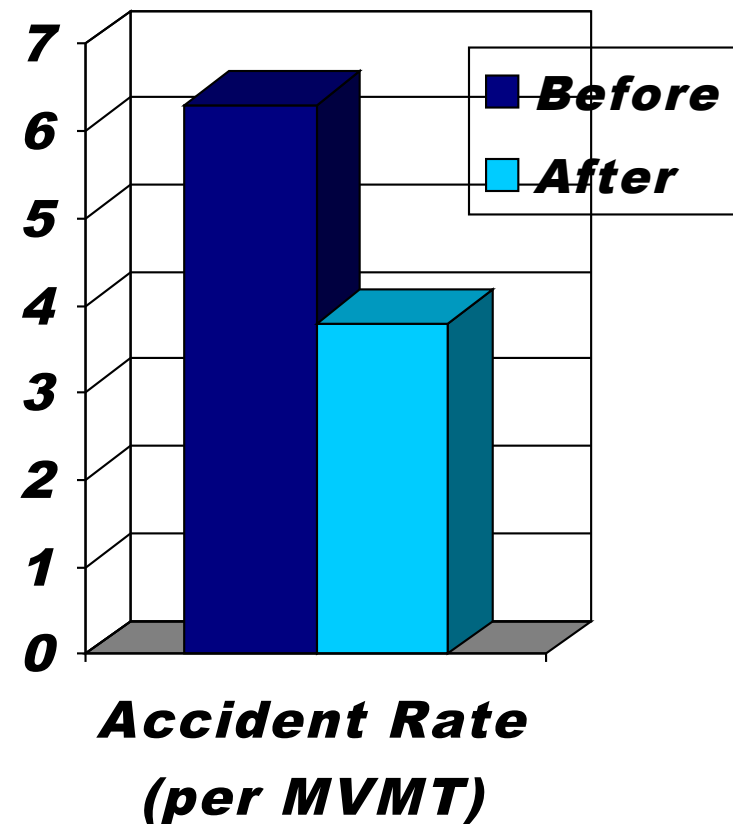




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## Safety: Iowa Case Studies

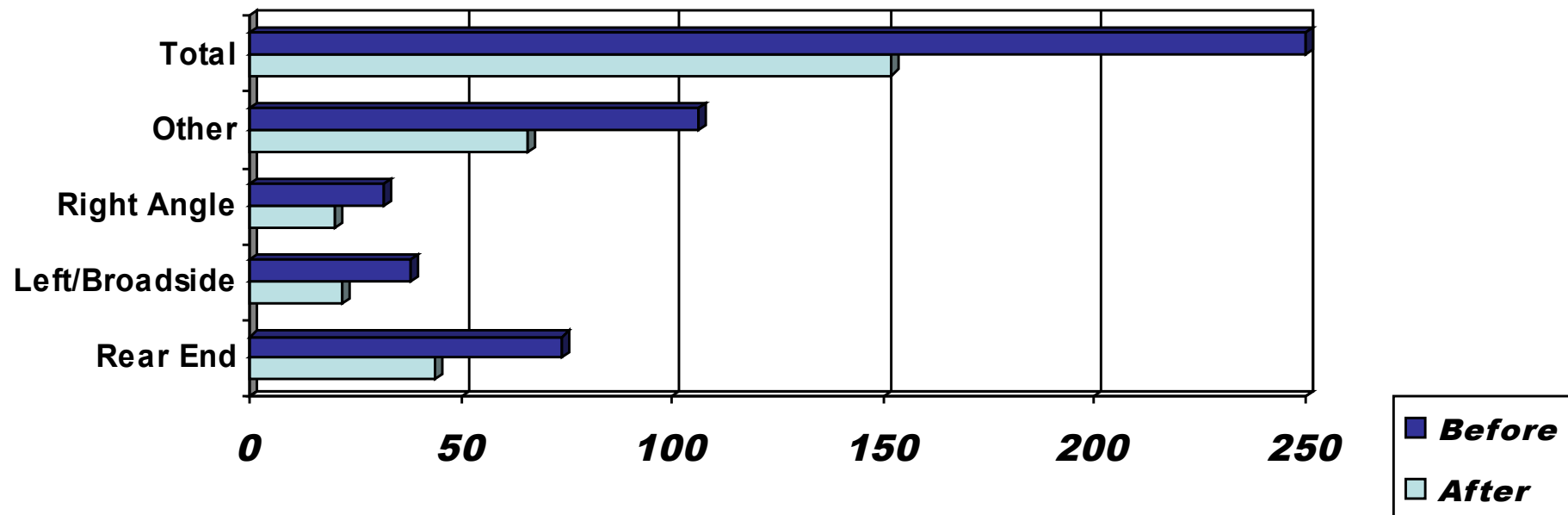
- Seven Iowa case studies
- Case studies show nearly a 40 percent average reduction in accident rates after access management projects were completed.





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## Iowa Case Studies: Accident Reduction By Type





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## Operations: Capacity Is Higher on Better Managed Roads

