Access Management = Economic Development

A SUCCESS STORY

Mike McKenna, PE, PTOE, ENV SP, Principal
The Development Racetrack

- Increased Land Value
- Increased Accessibility
- Arterial Improvements
- Deterioration in Flow
- Increased Traffic Conflict
- Increased Traffic Generation
- Land Use Changes
What is Access Management?

Access management is the proper planning and design of access to the public roadway system that helps ensure traffic flow more smoothly, with fewer crashes, which means everyone travels safer.
- MoDOT

The control of the location, spacing, design, and operations of connections to a roadway.
- Transportation Research Board
Connections to a Roadway

✓ Driveways – home or business
✓ Intersections with public roadways
✓ Pedestrians and bicyclists
Benefits of Access Management

✓ Safety
✓ Efficiency
✓ Economic activity

Access Management Activities:
✓ Access planning
✓ Transportation engineering
✓ Coordination and awareness
✓ Access permitting
Safety

✓ Fewer conflict points
✓ Lower crash rates
✓ FHWA – approved

More Access Points = More Crashes
Efficiency

✓ Connections add friction
✓ Decreased travel speeds
✓ Reduces capacity

More Access Points = Lower Speed
Economic Activity

✓ Good transportation environment
  ‣ Safe
  ‣ Efficient
✓ Good for business!

“One study in Texas indicated that corridors with access control improvements experienced an 18 percent increase in property values after construction.”
- Federal Highway Administration

Lower Speeds = Smaller Trade Area
US-59 Parsons Access Management Plan

✓ Three distinct areas
  ▶ North end of Town
  ▶ Possible Geometric recommendations near downtown
  ▶ South End of Town
# Parsons Team

## City of Parsons

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Darrell Moyer</td>
<td>Director of Engineering</td>
<td>620-421-7020</td>
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<tr>
<td>Martha Wilkerson</td>
<td>Planning Administrator</td>
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<tr>
<td>Debbie Lamb</td>
<td>City Clerk &amp; Acting City Manager</td>
<td>620-421-7060</td>
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## Kansas Department of Transportation

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>David Gurss</td>
<td>Access Management Manager</td>
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<tr>
<td>Jessica Upchurch, PE</td>
<td>Access Management Engineer</td>
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<tr>
<td>Wayne Gudmonson, PE</td>
<td>District Engineer</td>
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<td>George Dockery, PE</td>
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## Affinis Corp

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Lee Baer, PE</td>
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<td>913-239-1137</td>
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<tr>
<td>Mike McKenna, PE, PTOE</td>
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<td>913-239-2281</td>
</tr>
</tbody>
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Local Champions = Blue
Typical Recommendations

✓ Turn lanes
✓ Traffic signals/roundabouts
✓ Various intersection improvements
✓ Frontage roads
✓ Shared driveways
Case Study: Parsons, Kansas
Case Study: Parsons, Kansas
Signalizing the Intersection at Union Road

✓ Reduce risk of right angle crashes
✓ Improve traffic flow
✓ Enhance economic growth
Case Study: Parsons, Kansas
Current Construction

✓ Roadway network around future hotel and conference center site

Before

During Construction
✓ There is no finish line when it comes to development.
✓ But, there are ways to win.