Ohio’s Research Initiative for Locals

Vicky Fout
ODOT’s Office of Statewide Planning & Research
Ohio's local system:
- 84% of Ohio's center-lane miles
- 68% of Ohio's bridges
ORIL Mission

ORIL develops, funds and oversees transportation research projects to meet the needs of local agencies for the safety and economic well-being of the traveling public and Ohio.
## ORIL Board

<table>
<thead>
<tr>
<th>Organization</th>
<th>Voting Members</th>
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</table>
| CEAO         | Bill Lozier (Licking)  
               | Steve Luebbe (Fayette)  
               | Brett Boothe (Gallia)  
               | Warren Schlatter (Defiance) |
| OML          | Terry Lively (Formerly Marion)  
               | Paul Schmelzer (Findlay)  
               | Leo Shanayda (Springfield)  
               | Hassan Zahran (Columbus) |
| OTA          | Greg Butcher (Violet) |
| ODOT         | Jack Noble (D4)  
               | Anna Kuzmich (D11)  
               | Brian Olson (D4)  
               | Jennifer Elston (D8) |
| Academia     | Riu Liu (Kent State University)  
               | Eric Steinberg (Ohio University) |

### Non-Voting (Support) Members

<table>
<thead>
<tr>
<th>ODOT Research</th>
<th>Ohio LTAP Center</th>
<th>FHWA</th>
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<tbody>
<tr>
<td>Vicky Fout</td>
<td>Mike Fitch</td>
<td>Frank Burkett</td>
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Investigation of In-Situ Strength of Various Construction/Widening Methods Utilized on Local Roads

- Roger Green, Ohio University
- Start Date: August 2014
- End Date: **February 2016**
- ORIL Funding: $147,948.11
ORIL Projects

Analysis of Ground Tire Rubber (GTR) in Mix Design on Local Roadways in Ohio

- Munir Nazzal, Ohio University
- Start Date: September 2014
- End Date: **September 2016**
- ORIL Funding: $176,822.66
ORIL Projects

TRB 11\textsuperscript{th} International Conference on Low Volume Roads and Peer Exchange

- Pooled Fund Study with Iowa DOT
- Duration: 12 months
- ORIL Funding: $8,000.00
ORIL Projects

• Evaluation & Design of a TL-3 Bridge Guardrail System Mounted to Steel Fascia Beams
  • End Date: May 2017

• Waterproofing Details of Connections for Adjacent Precast Concrete Box-Beam Bridges
  • End Date: January 2016

• Inspection, Repair, Retrofit Procedures & Design Recommendations for Non-Redundant Steel Structures
  • End Date: November 2015

• Practical Design Guidelines for Replacement of Deficient Bridges with Low-Water Stream Crossing in the Rural Mid-West
  • Duration: 18 months
ORIL Projects

• Assessment of IRP Truck Licensing for Ohio Counties
  • End Date: September 2015

• Stormwater Best Management Practices for Local Roadways
  • End Date: September 2015

• Evaluation & Analysis of Liquid Deicers for Winter Maintenance
  • End Date: January 2016
ORIL Projects

New Projects Starting After July 2015:

- Best Practices of RUMAs Amongst Local Government Agencies in Ohio
- Synthesis of Research on Load Capacity of Concrete Slabs Without Plans
- Structural Benefits of Concrete Paving of Steel Culvert Inverts
ORIL Program

- $500,000 available for new projects
  - Contracts administered by ODOT’s Research Program

- Idea Submission
  September 2015 – November 2015

- Projects begin July 2016
ORIL Program

• What’s in it for me?
  • Your questions – Your answers
  • Results you can use
  • Research is an extension of your staff
  • Direct access to experts
  • Unbiased, third-party, expert analysis
  • Collaboration and partnership
ORIL Program

• Visit the Website
  • http://oril.transportation.ohio.gov

• Email Us:
  • ORIL@dot.state.oh.us

• Call Us:
  • 614-466-3029 (Vicky Fout, ODOT Planning & Research)
  • 614-387-7358 (Mike Fitch, Ohio LTAP Center)

Questions? Thank You!