Route 141 and I-44
Design-Build Project Update

Community Information Group (CIG)

February 1, 2018
Project Area

- Buder Park
- Meramec River
- Vance Rd. Intersection
- UP Railroad
- BNSF Railroad
- Overhead Ameren Transmission Line
- 0.8 miles
1. Deliver the project within the program budget of $25 million.
2. Maximize mobility on Route 141 and improve efficiency at the I-44 interchange and Vance Road intersection.
3. Deliver the project in a manner which demonstrates the importance of safety.
4. Provide a quality project resulting in a long-lasting transportation facility that minimizes future maintenance.
5. Deliver the project using a diverse workforce.
Maximize mobility and roadway improvements on Route 141 corridor
Mitigate congestion and reduce delay at Vance Rd intersection
Upgrade Route 141 and I-44 interchange
Provide a design that reduces crashes
Improve drainage
Maintenance of Traffic

- “Off-line” construction
  - Most work off of 141 and I-44
  - Commitments to off-peak temporary closures for impacts
- North Outer Rd connections with 141 closed
  - Detours required to access North Outer Rd
- Vance Rd Intersection
  - Summer of 2017 completion
- July 15, 2018 completion
N. Outer Rd.

SB 141 to EB I-44 flyover provides free flow

NB 141 to WB I-44 loop provides free flow

Roundabouts improve connections to N. Outer Rd

Increased signal spacing

WB I-44 to SB 141 loop provides free flow

Storage for NB lefts at Elam increased

EB I-44 to NB 141 increased to triple left

PROPOSED

N. Outer Rd.

N. Hwy. Dr.
Interchange

Increased the WB I-44 off-ramp to two lanes

Meramec Station Intersection

EB Meramec Station to NB 141 increased to dual lefts

WB I-44 Off Ramp

Increased the WB I-44 off-ramp to two lanes

PROPOSED
Current Progress
Anticipated Ramp Openings

- N. Outer Rd. Opens around May 10
- N. Hwy. Dr. Opens around June 1
- Opens around April 30
- Opens around May 23
- Opens around June 1
Upcoming Rte. 141 Projects

- Pavement repairs and asphalt overlay from south of South Outer Forty to north of Milldale
- Epoxy overlay on the bridges over Manchester Road and Grand Glaize Creek
- Pavement repairs and asphalt overlay from north of Vance to north of Meramec Station Road/River Valley Drive
- Epoxy overlay and joint replacements on the bridges over the Meramec River
- Epoxy overly on the bridges over BNSF RR/North Outer Road
Upcoming construction on I-44 in St. Louis County

**2018**
- Murdoch to Route 141
  - Pavement repairs and resurfacing
  - March through December
  - Off-peak lane closures each direction
  - Will not include between Lindbergh and Soccer Park
  - Overnight ramp closures

**2018-Spring 2019**
- I-44 over BNSF Railroad
  - Murdoch Ave to city limits
  - March through December
  - Three eastbound, two westbound lanes open
  - Eastbound traffic shifted to westbound bridge
  - Shrewsbury Ramp to WB I-44 ramp closed
  - Resurfacing in Spring 2019

**Fall 2018-2021**
- I-44 Bridges over Meramec
  - Replace the westbound and eastbound I-44 bridges
  - Replace the I-44 ramp bridges to, from Westview Road
  - One I-44 lane closed around the clock, each direction
  - Summer ramp closures to replace Wilson bridges
  - Shifting traffic and lanes throughout project
  - Starts after Route 141 Design Build completed

**Through July 2018**
- Route 141 Design Build
  - Improves traffic flow between I-44 and Route 141
  - Includes new I-44 ramps and flyover ramps
  - Off-peak lane closures
Project Area

Route 141 at Vance
Looking North – PM Peak

Forest Ave at Route 141
Looking West – PM Peak
Project Area

Route 141
Looking South
AM Peak

Eastbound I-44 Offramp
Looking Northwest – AM Peak
Crash History in Project Limits  
2010 to 2014

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<tr>
<th>Roadway</th>
<th>Total Crashes</th>
<th>Rear End Crashes*</th>
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<td>923</td>
<td>645</td>
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<tr>
<td>I-44</td>
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* Included in total crash number