

Commissioner Dick Trammel

Arkansas Highway Commission



Steve Lawrence, PE
District Engineer, District 9

Rotary Club of Rogers
Tuesday, April 5, 2016

Legislation & Funding



Fixing America's Surface Transportation (FAST) Act

- Authorizes 5 Years of Funding
 - Federal Fiscal Years (FFYs) 2016-2020
- \$225.2 Billion for Highway Investment
- Over 5 Years:
 - \$20.2 Billion Increase from FFY 2015
 - \$250 Million Increase for Arkansas





Funding Challenges

- **Additional State Highway Funds Needed to Match Federal Highway Funds**
 - ✓ Typically 80% Federal 20% State Funds
 - ✓ Use or Lose

STATE FISCAL YEARS 2016-2020
ESTIMATED STATE HIGHWAY REVENUE ANALYSIS
x \$1,000,000

	2016	2017	2018	2019	2020	AVG
Motor Fuels and Registration Fees	\$ 356.4	\$ 358.2	\$ 360.0	\$ 361.8	\$ 363.6	
4¢ Diesel Tax - Committed to the Interstate Rehab. Program (IRP)	\$ 16.5	\$ 16.5	\$ 16.5	\$ 16.5	\$ 16.5	
Natural Gas Severance Tax	\$ 29.0	\$ 29.7	\$ 30.4	\$ 31.2	\$ 32.0	
TOTAL	\$ 401.9	\$ 404.4	\$ 406.9	\$ 409.5	\$ 412.1	\$ 407.0
Maintenance	\$ 221.8	\$ 222.9	\$ 224.0	\$ 225.1	\$ 226.3	
Administration	\$ 21.8	\$ 21.9	\$ 22.0	\$ 22.1	\$ 22.2	
Operations	\$ 26.2	\$ 26.4	\$ 26.5	\$ 26.6	\$ 26.8	
Budgeted Construction w/o Right of Way	\$ 44.9	\$ 45.1	\$ 45.4	\$ 45.6	\$ 45.8	
IRP Debt Service	\$ 16.5	\$ 16.5	\$ 16.5	\$ 16.5	\$ 16.5	
TOTAL	\$ 331.3	\$ 332.8	\$ 334.4	\$ 336.0	\$ 337.6	\$ 334.5
Total State Highway Funds Available for Highway Construction Program	\$ 70.6	\$ 71.6	\$ 72.5	\$ 73.5	\$ 74.5	\$ 72.5
Less Required State Highway Matching Funds for Federal Highway Funds	\$ 116.7	\$ 119.4	\$ 121.9	\$ 124.8	\$ 127.8	\$ 122.1
Shortfall in State Highway Matching Funds Needed for Federal Highway Funds	(\$ 46.1)	(\$ 47.8)	(\$ 49.4)	(\$ 51.3)	(\$ 53.3)	(\$49.6)





Funding Challenges

- **Additional State Highway Funds Needed to Match Federal Highway Funds**

- ✓ Typically 80% Federal Hwy. Funds are Matched by 20% State Hwy. Funds
- ✓ Use or Lose

- **Reduction in Annual State Highway Revenue Available to Match Federal Highway Funds**

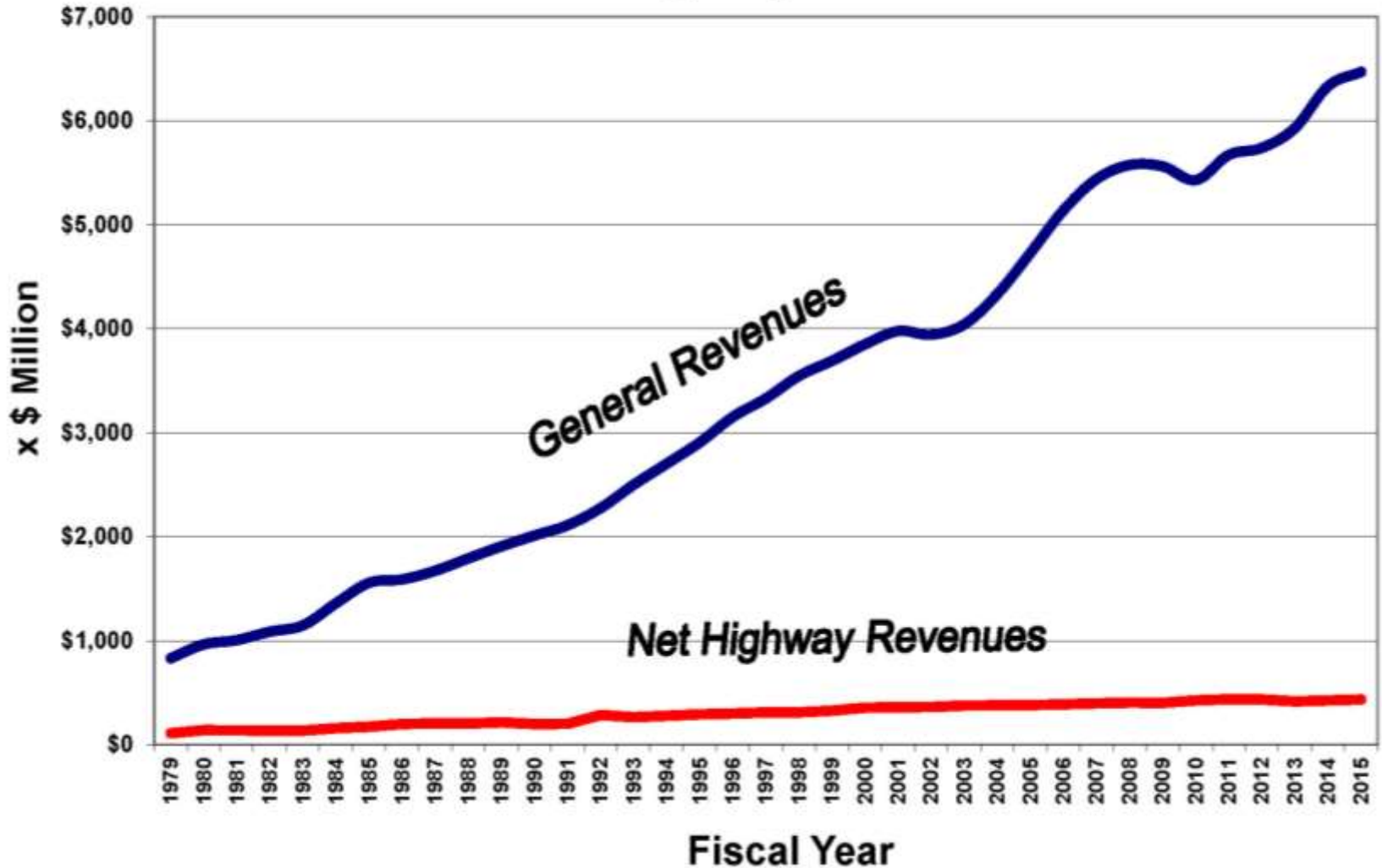
- ✓ Arkansas State Aid City Street Program - \$ 14 M
- ✓ Increased Maintenance Budget - \$ 18 M
- ✓ Declining Natural Gas Severance Tax Revenue - \$ 11 M

Total Annual Reduction - \$ 43 M



AR State Revenues vs AHTD Revenues

Arkansas State General Revenues
vs
AHTD Net Highway Revenues

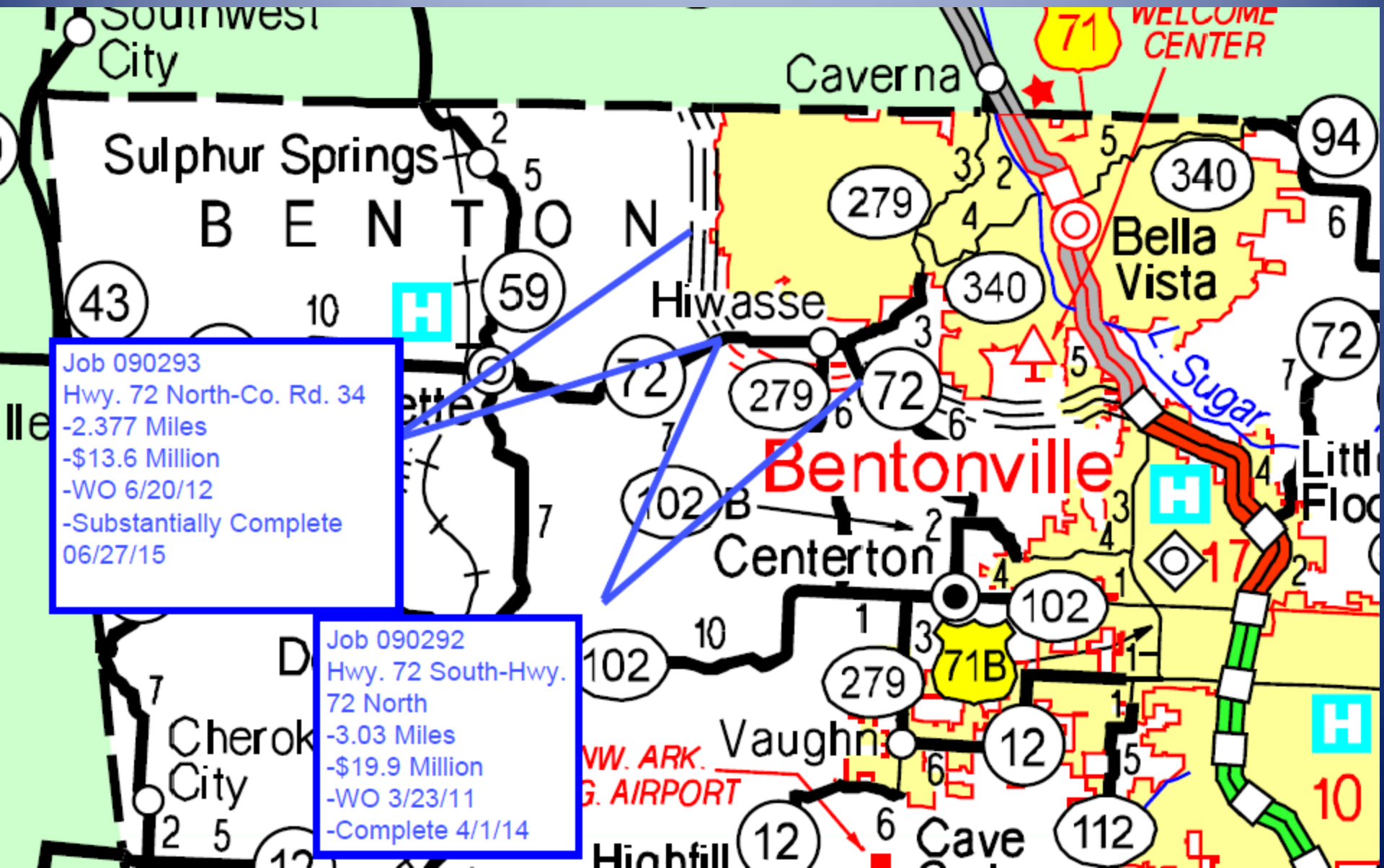


Regional Projects



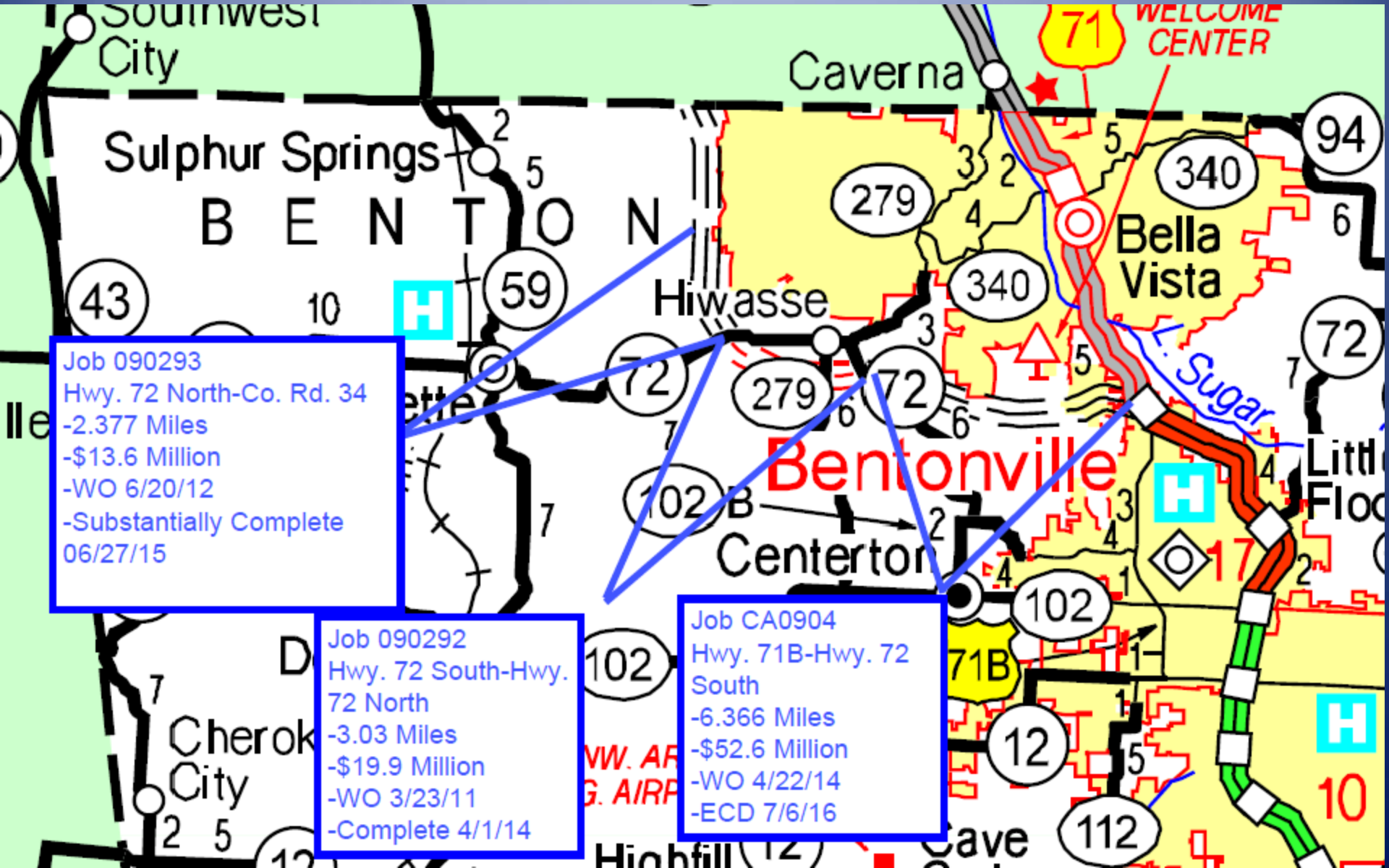


Bella Vista Bypass





Bella Vista Bypass



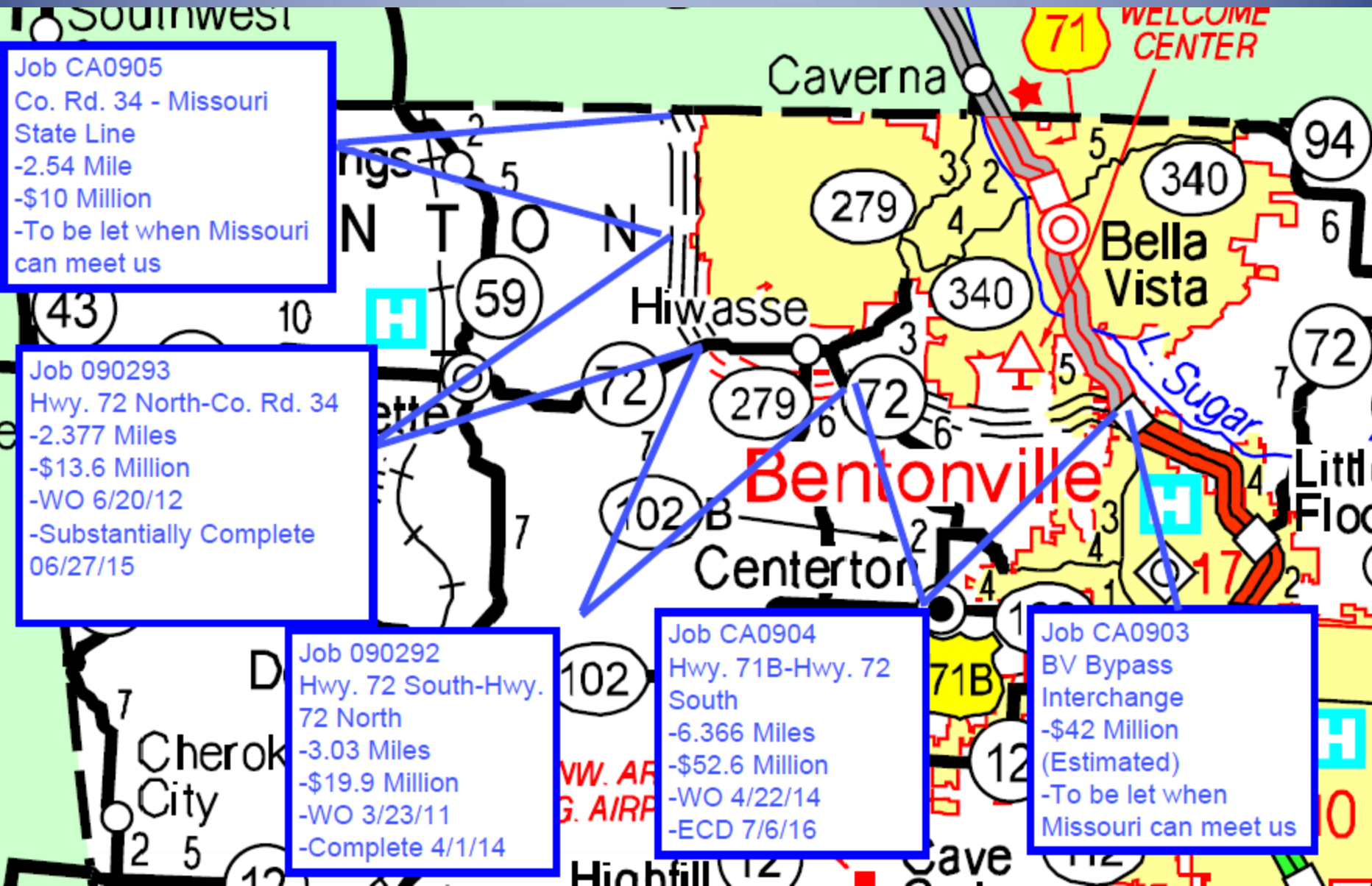
Job 090293
Hwy. 72 North-Co. Rd. 34
-2.377 Miles
-\$13.6 Million
-WO 6/20/12
-Substantially Complete
06/27/15

Job 090292
Hwy. 72 South-Hwy.
72 North
-3.03 Miles
-\$19.9 Million
-WO 3/23/11
-Complete 4/1/14

Job CA0904
Hwy. 71B-Hwy. 72
South
-6.366 Miles
-\$52.6 Million
-WO 4/22/14
-ECD 7/6/16



Bella Vista Bypass



Job CA0905
Co. Rd. 34 - Missouri
State Line
-2.54 Mile
-\$10 Million
-To be let when Missouri
can meet us

Job 090293
Hwy. 72 North-Co. Rd. 34
-2.377 Miles
-\$13.6 Million
-WO 6/20/12
-Substantially Complete
06/27/15

Job 090292
Hwy. 72 South-Hwy.
72 North
-3.03 Miles
-\$19.9 Million
-WO 3/23/11
-Complete 4/1/14

Job CA0904
Hwy. 71B-Hwy. 72
South
-6.366 Miles
-\$52.6 Million
-WO 4/22/14
-ECD 7/6/16

Job CA0903
BV Bypass
Interchange
-\$42 Million
(Estimated)
-To be let when
Missouri can meet us

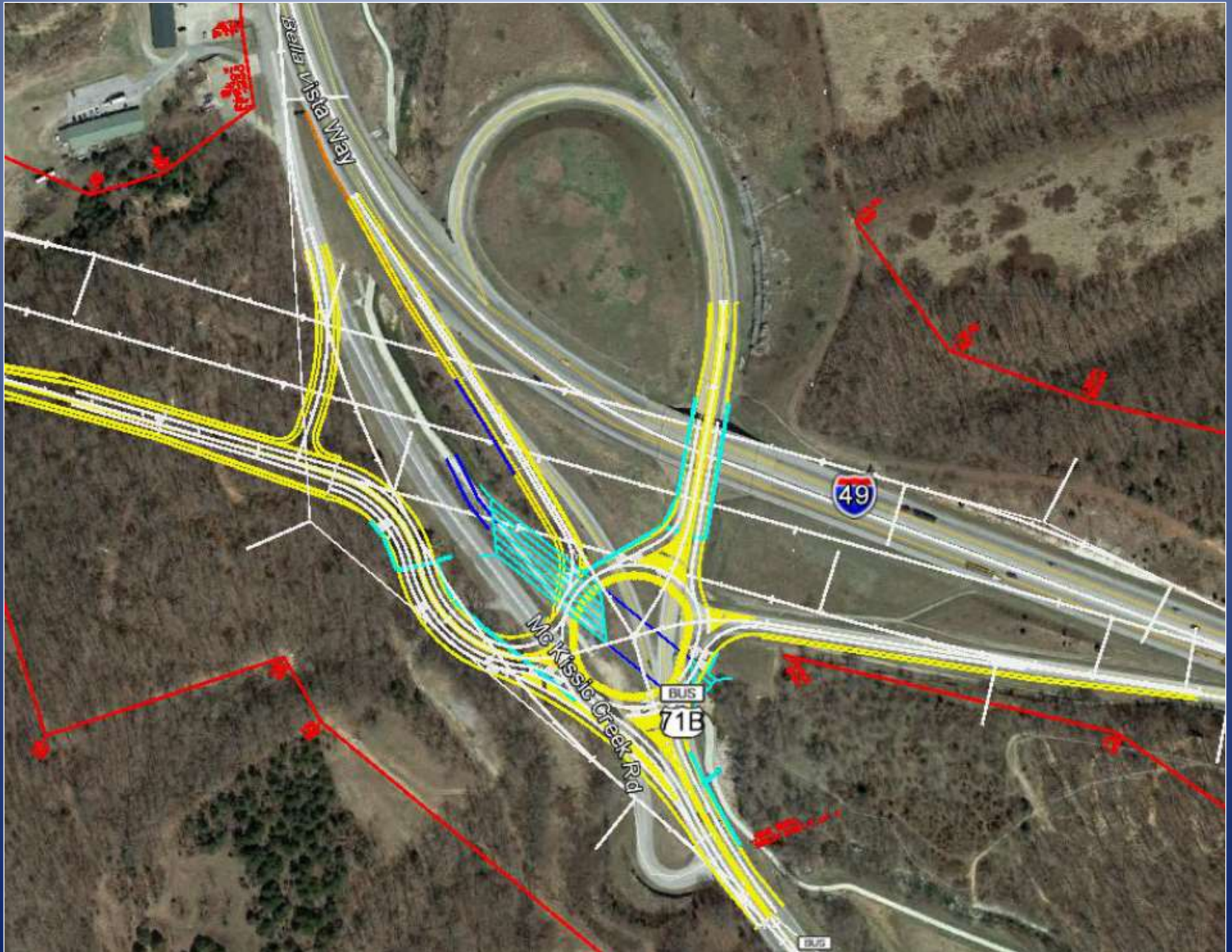


Bella Vista Bypass Interchange

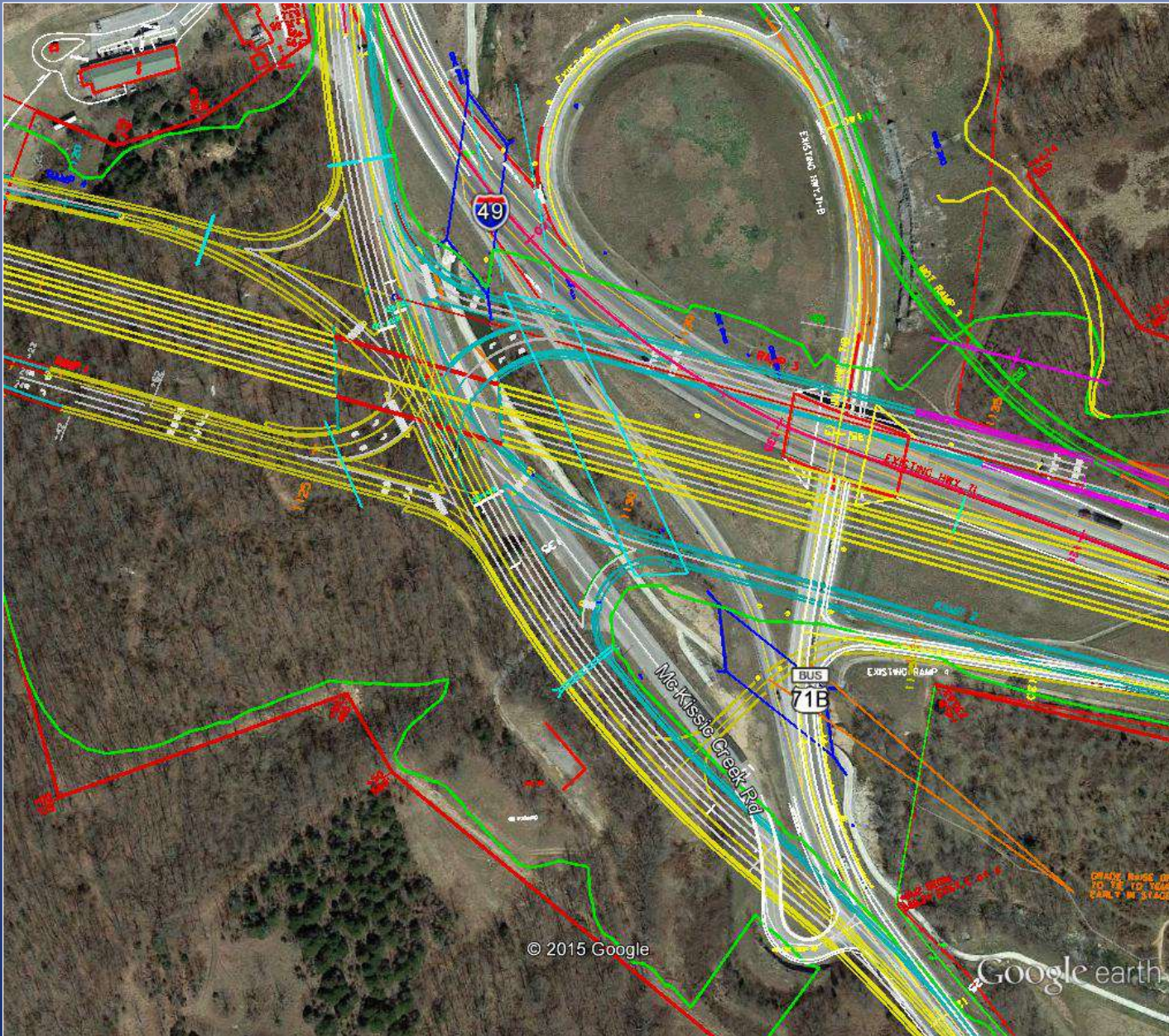




Bella Vista Bypass Roundabout



Bella Vista Bypass SPUI

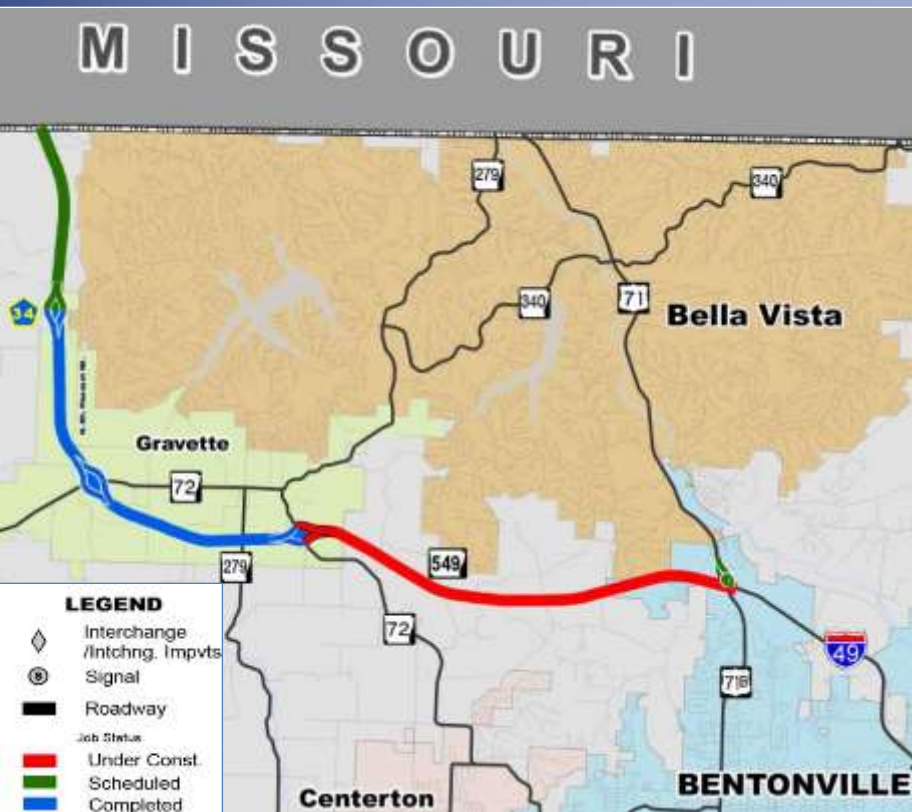




Interstate 49 Corridor New Location



Bella Vista Bypass



- ✓ **Completed**
 - 5.4 Miles
 - \$34 Million
- ✓ **Scheduled**
 - 2.5 Miles
 - \$52 Million
- ✓ **Under Construction**
 - 6.4 Miles
 - \$53 Million

**Total Length
of Bypass
• 14.3 Miles**

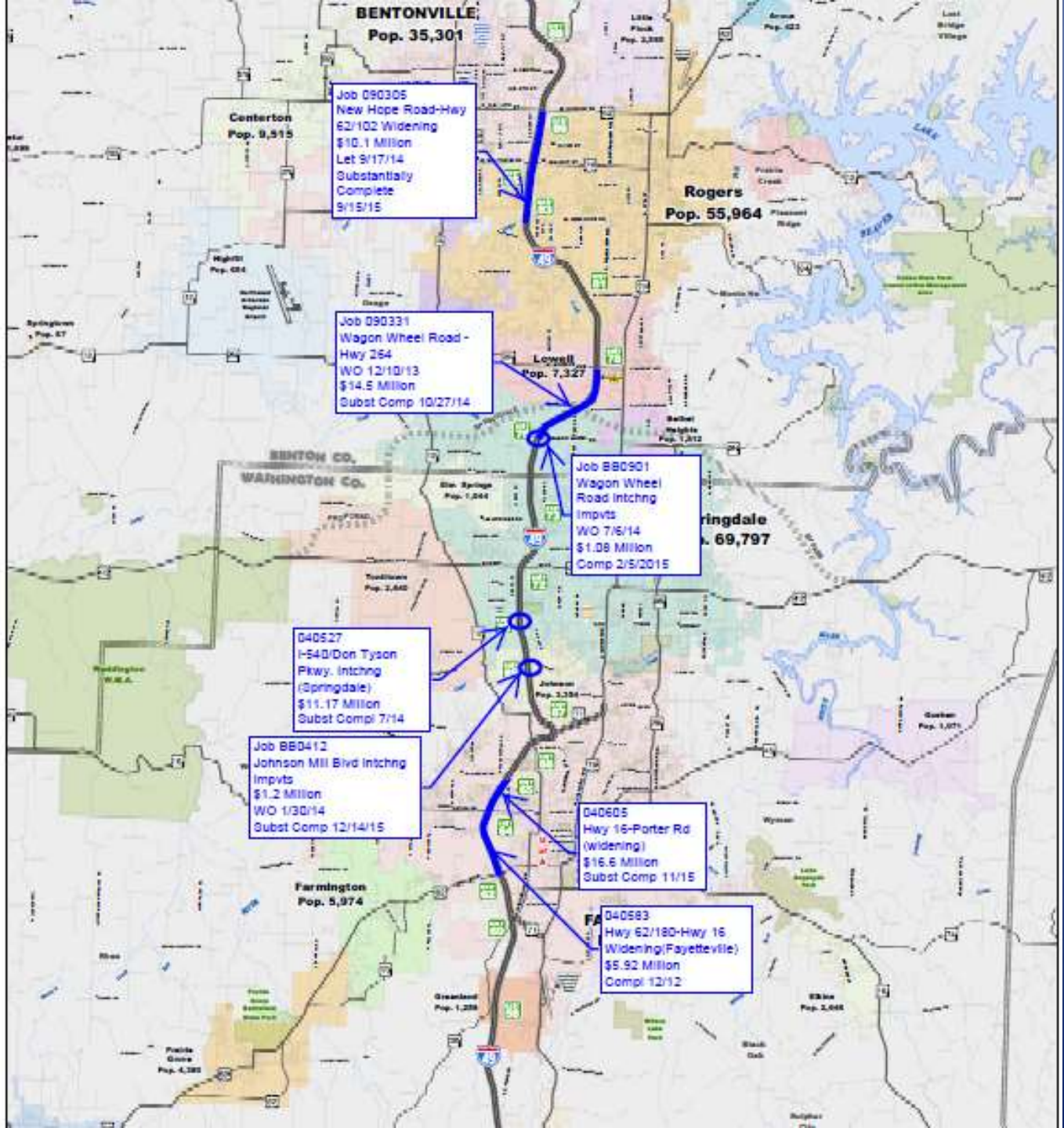
- ✓ **Draft STIP**
 - \$50 Million
 - Ultimate Interstate
 - Contingent Upon Missouri



Interstate 49 Corridor

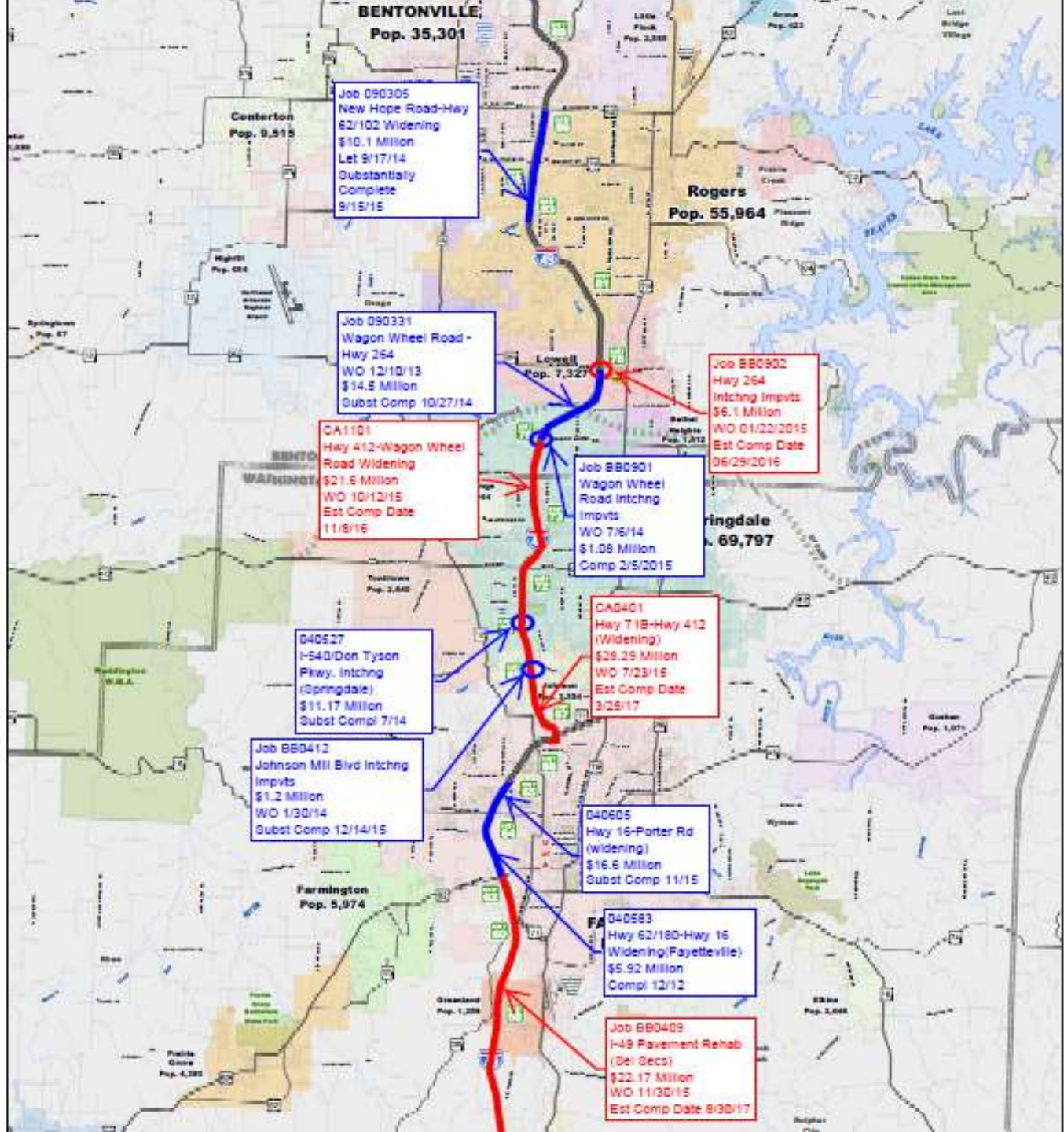


Interstate
49
Corridor



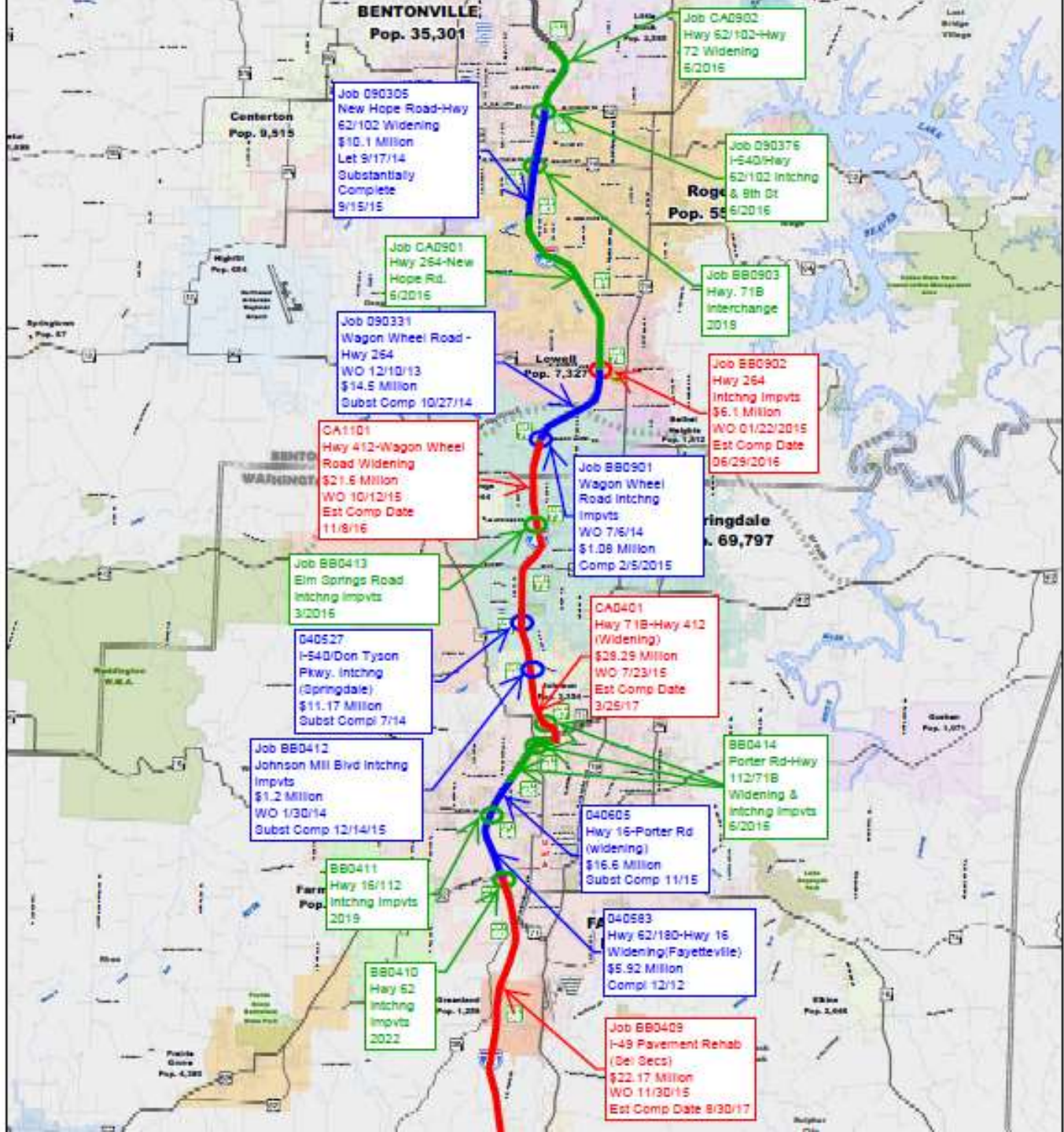


Interstate 49 Corridor



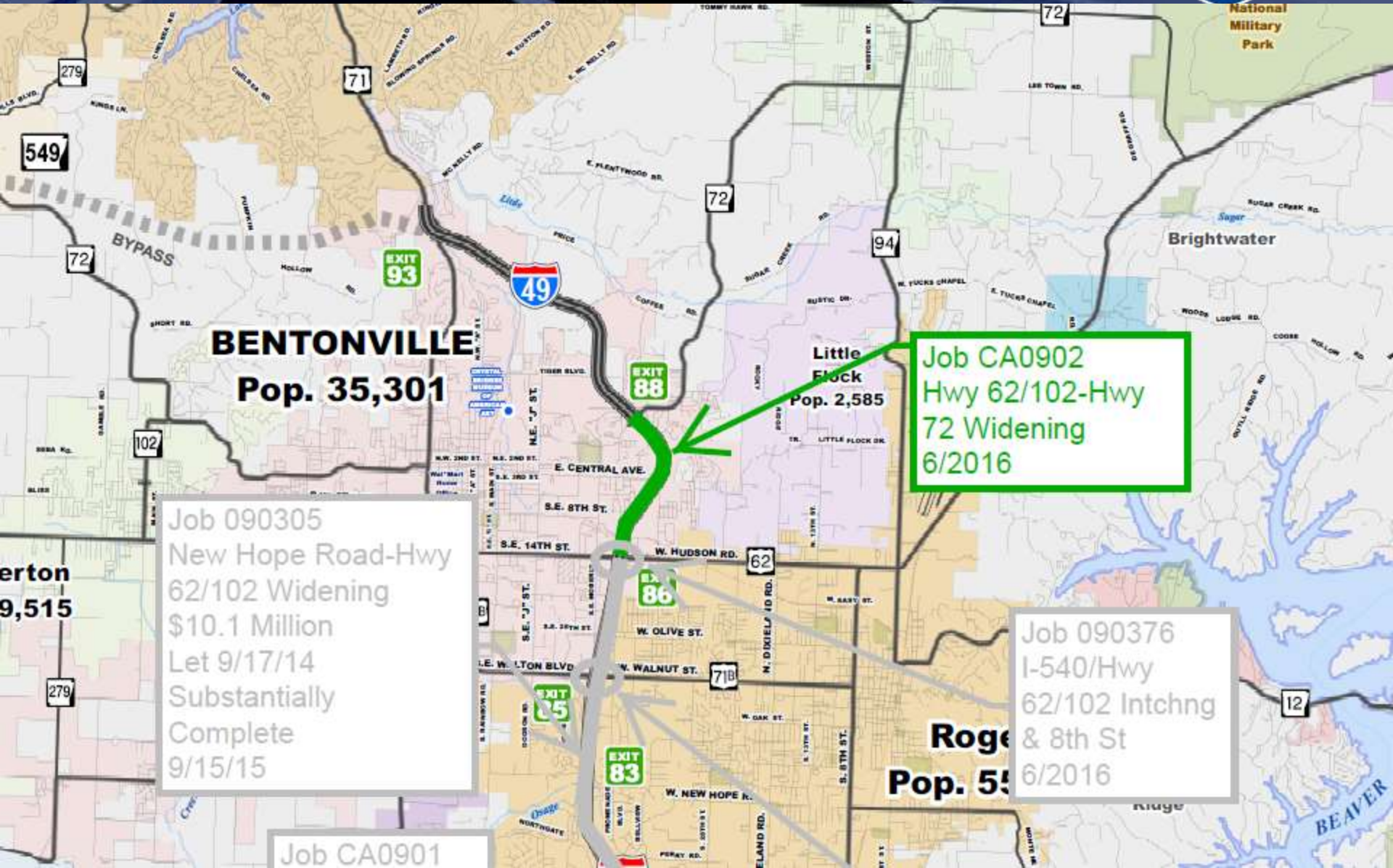


Interstate 49 Corridor





Job CA0902



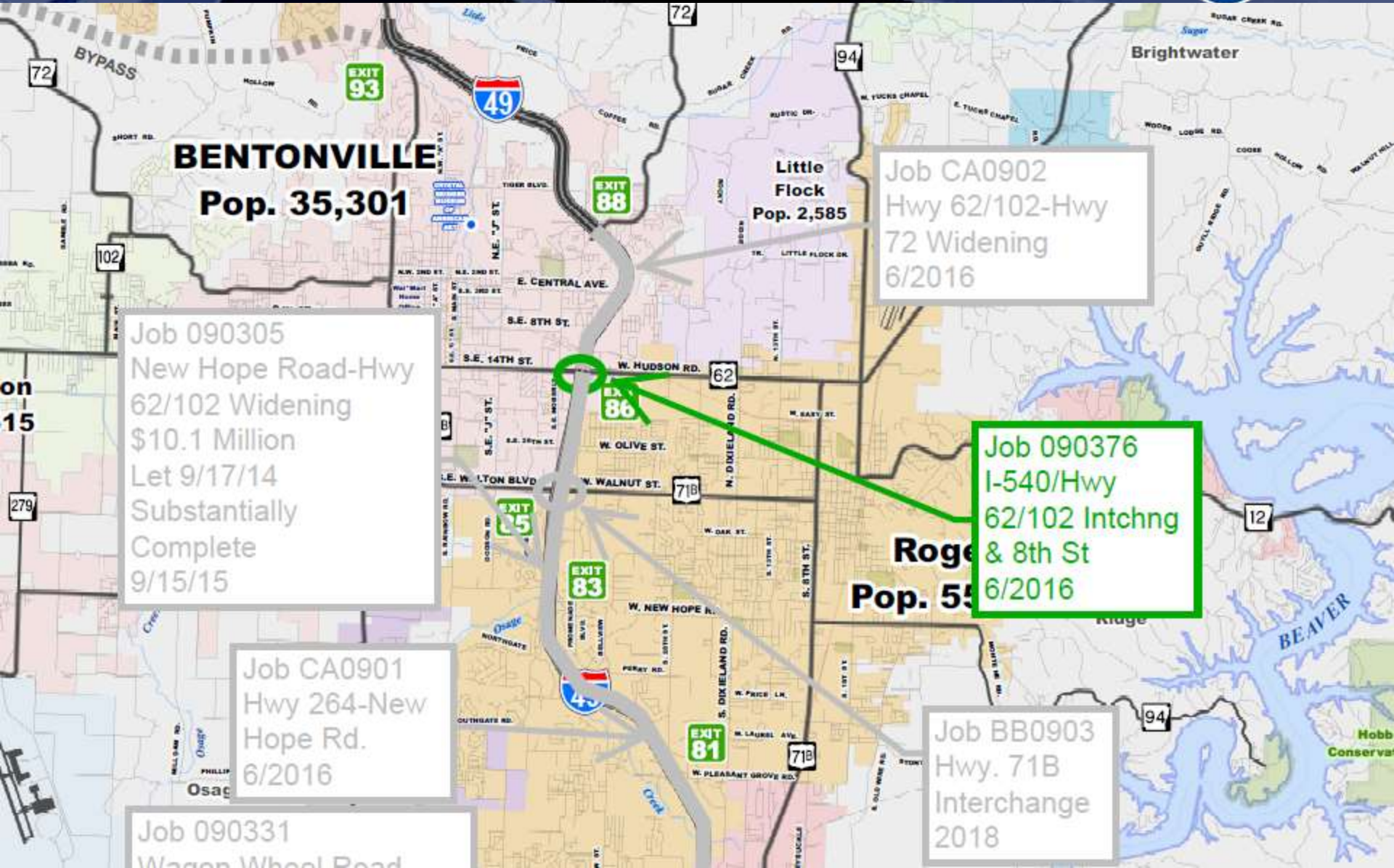


Job CA0902





Job 090376





Job 090376



8th Street Improvement Project Build Alternative 8B - Proposed Interchange Location (Tight Urban Diamond Interchange)





Job 090376



Walmart
David Glass
Technology Center
(DGTC)

DGTC Parking

8th Street
SB On-Ramp

Hwy. 102/62
SB Off-Ramp

Raised Median
(Typical)

Paradise Way

SE 6th St.

Leisure Ln.

SE 7th St.



SE 8th St.

8th Street
NB Off-Ramp

Hwy. 102/62
NB On-Ramp

**"Braided
Ramps"**

Southwest Arkansas
Community College

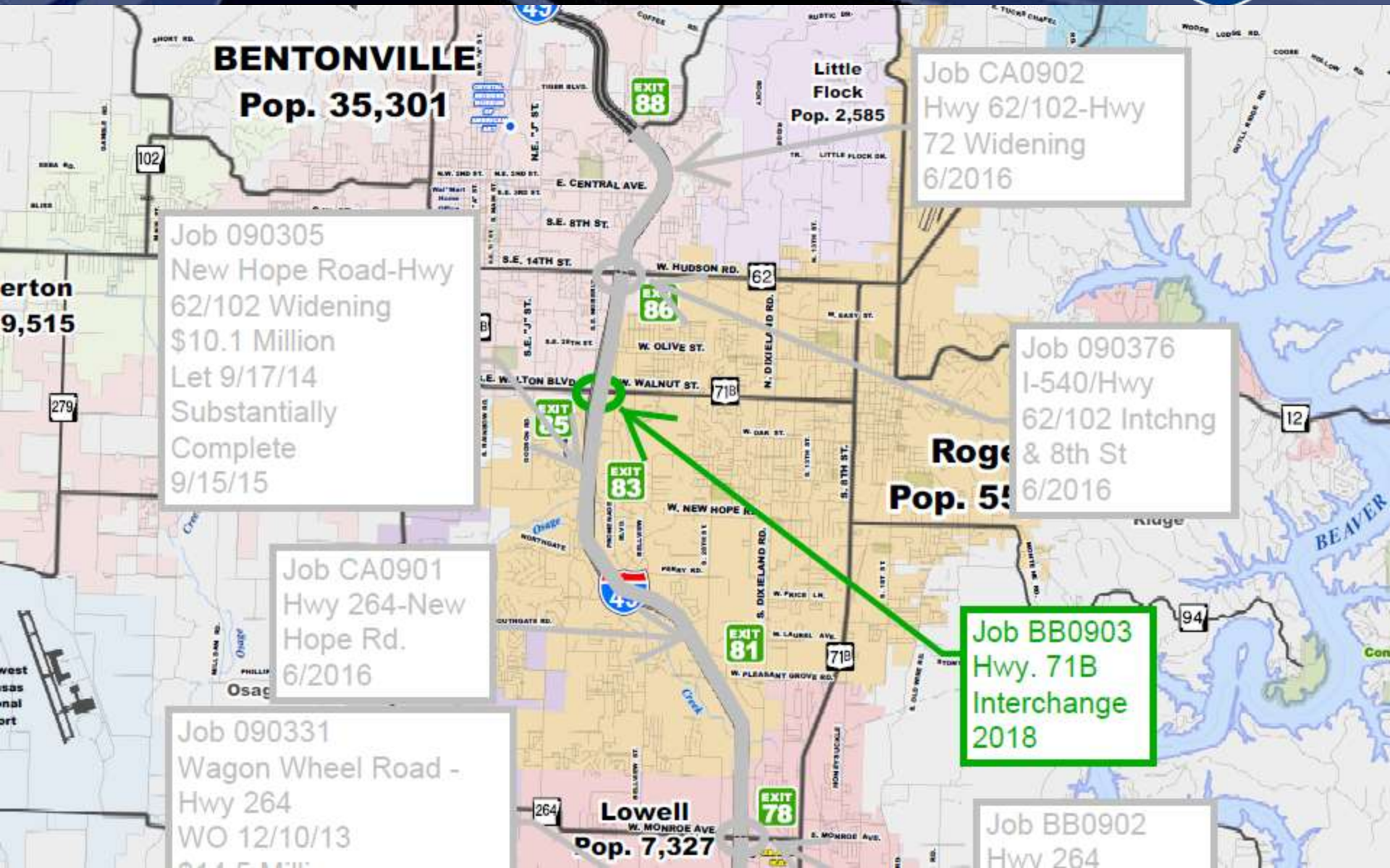


Extension Under
Separate Project

SE Eagle Way

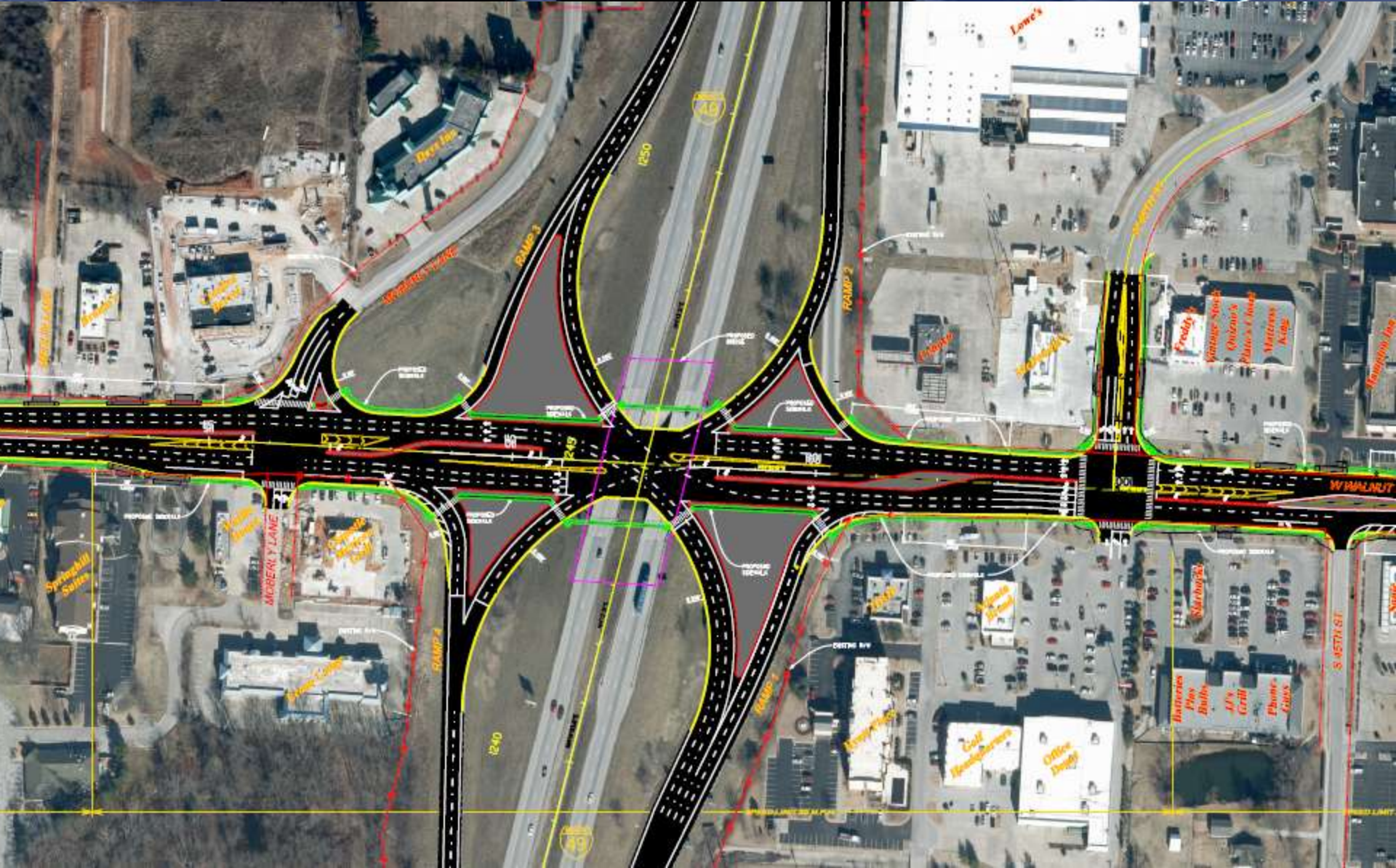


Job BB0903



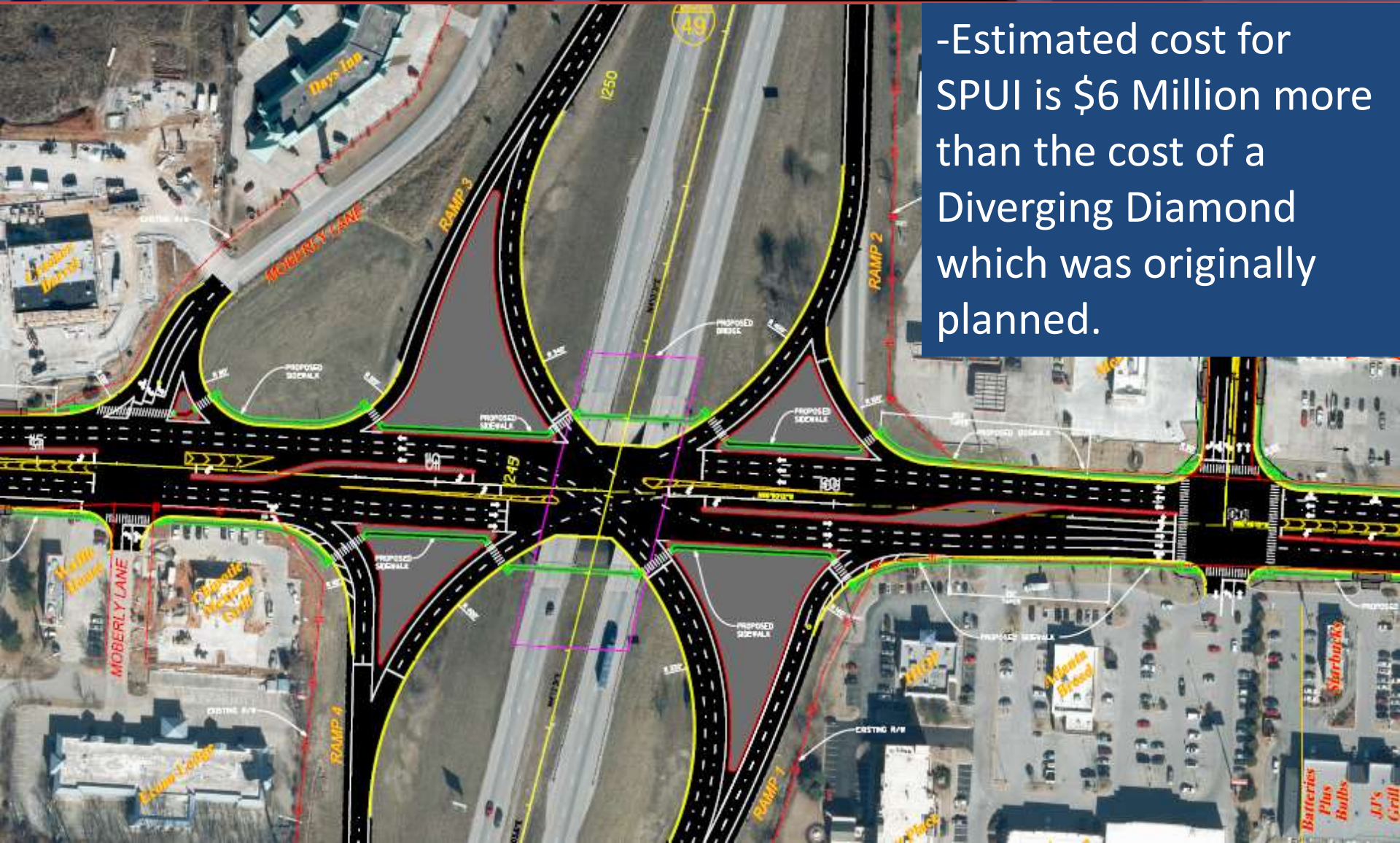


Job BB0903





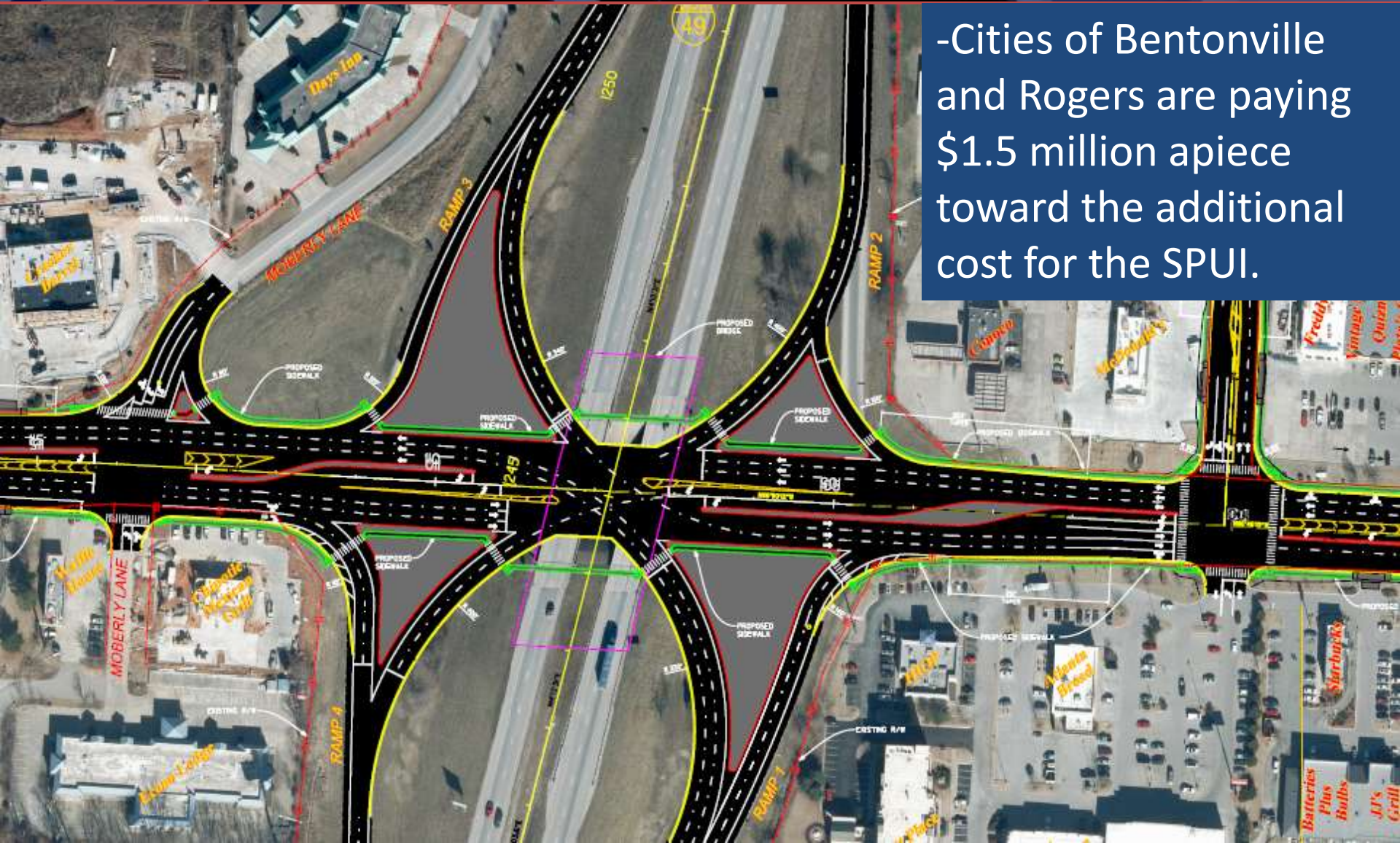
Job BB0903



-Estimated cost for SPUI is \$6 Million more than the cost of a Diverging Diamond which was originally planned.



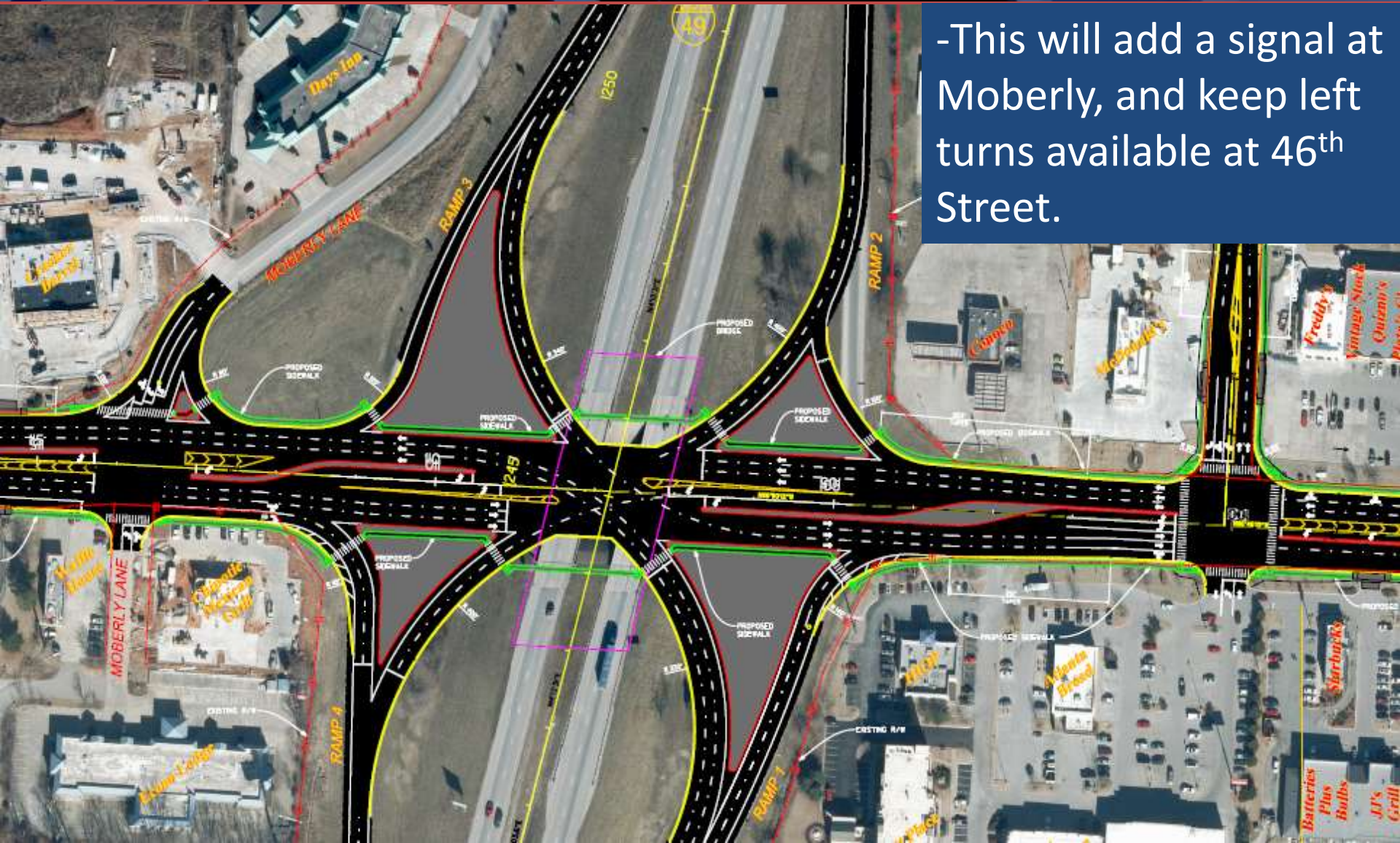
Job BB0903



-Cities of Bentonville and Rogers are paying \$1.5 million apiece toward the additional cost for the SPUI.



Job BB0903



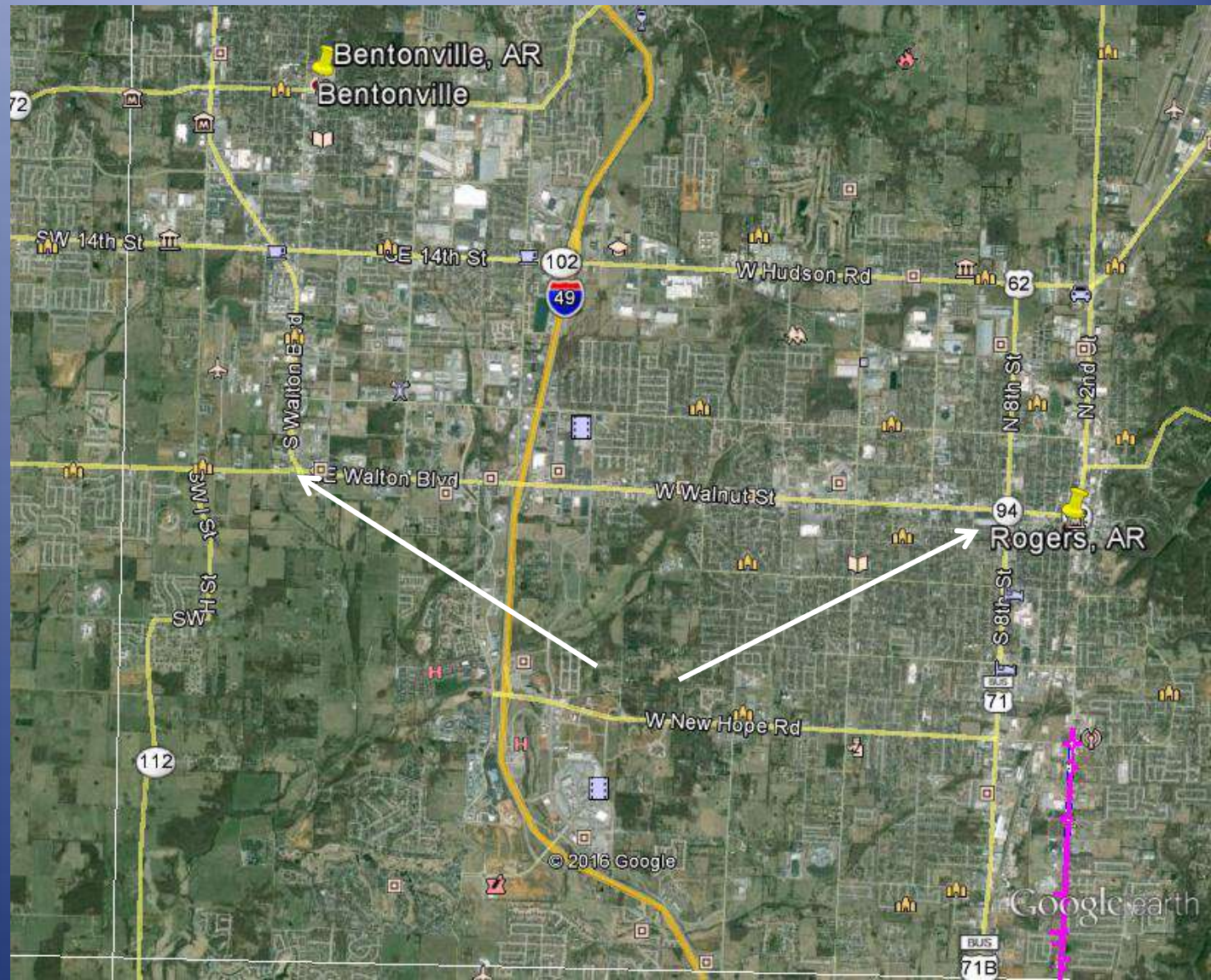
-This will add a signal at Moberly, and keep left turns available at 46th Street.



Job BB0903

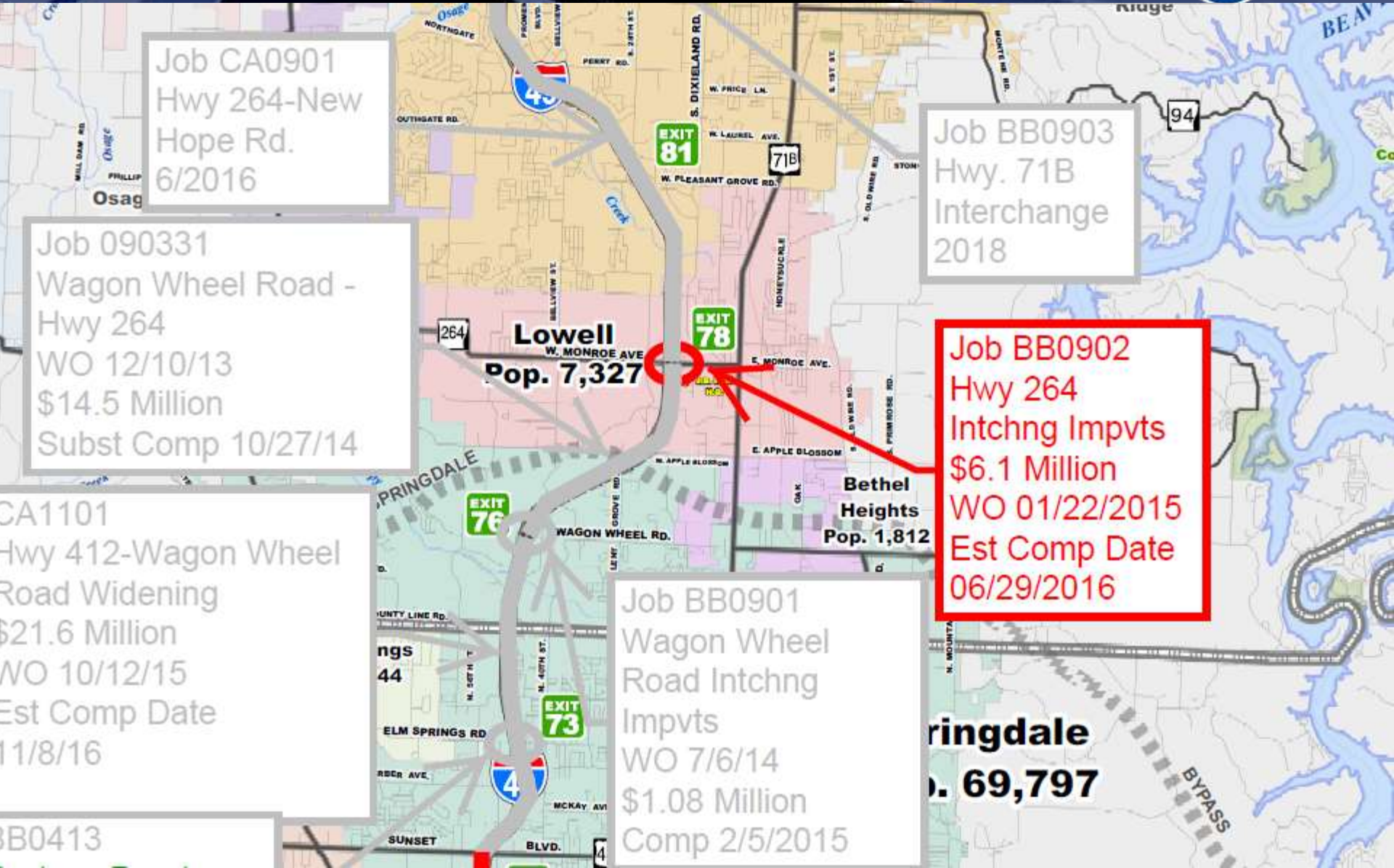


-The Cities will assume responsibility for Hwy 71B between 8th Street and Rainbow Curve.





Job BB0902



Job CA0901
Hwy 264-New
Hope Rd.
6/2016

Job 090331
Wagon Wheel Road -
Hwy 264
WO 12/10/13
\$14.5 Million
Subst Comp 10/27/14

Job BB0903
Hwy. 71B
Interchange
2018

Job BB0902
Hwy 264
Intchg Impvts
\$6.1 Million
WO 01/22/2015
Est Comp Date
06/29/2016

CA1101
Hwy 412-Wagon Wheel
Road Widening
\$21.6 Million
WO 10/12/15
Est Comp Date
11/8/16

Job BB0901
Wagon Wheel
Road Intchg
Impvts
WO 7/6/14
\$1.08 Million
Comp 2/5/2015

BB0413

Springdale
Pop. 69,797



Job BB0902



- 0.7 Mile
- Completely rebuilding the Hwy 264 overpass to 5 lanes with sidewalks on both sides.
- Rebuilding the signal at Dixieland
- Adding a signal at Goad Springs.
- Widening Hwy 264 to 5 lanes between those intersections.



Job BB0902



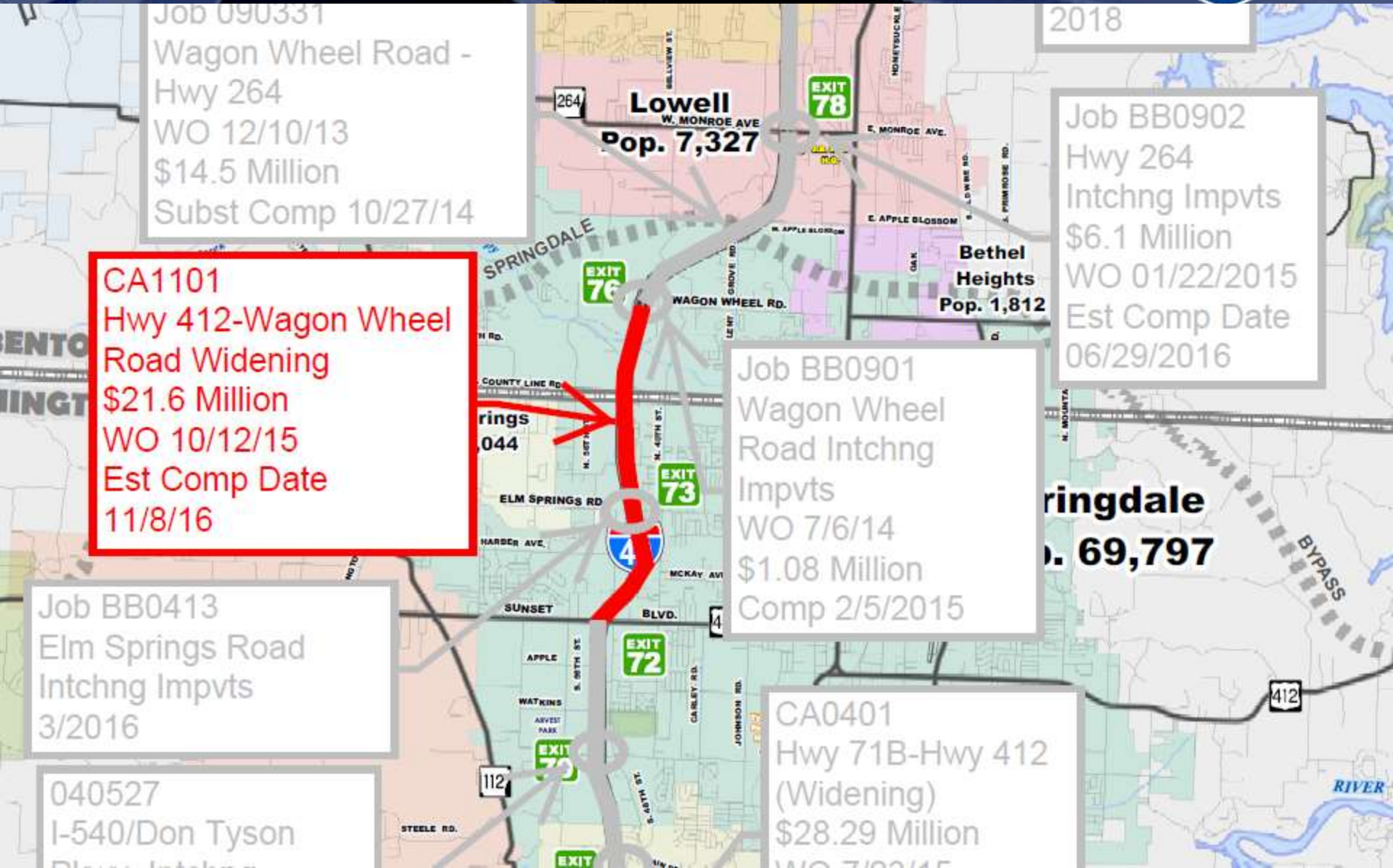


Job BB0902





Job CA1101



Job 090331
Wagon Wheel Road -
Hwy 264
WO 12/10/13
\$14.5 Million
Subst Comp 10/27/14

2018

Job BB0902
Hwy 264
Intchg Impvts
\$6.1 Million
WO 01/22/2015
Est Comp Date
06/29/2016

CA1101
Hwy 412-Wagon Wheel
Road Widening
\$21.6 Million
WO 10/12/15
Est Comp Date
11/8/16

Job BB0901
Wagon Wheel
Road Intchg
Impvts
WO 7/6/14
\$1.08 Million
Comp 2/5/2015

Job BB0413
Elm Springs Road
Intchg Impvts
3/2016

CA0401
Hwy 71B-Hwy 412
(Widening)
\$28.29 Million
WO 7/22/15

040527
I-540/Don Tyson
Expressway Intchg



Job CA1101



- Contract Amount \$21.6 Million
- APAC -Central
- 33% of Work Complete
- Used 11.1% of the contract time (15/135)
- Estimated Completion 11/8/16



Job CA1101





Interstate 49 Corridor Benton & Washington Counties



- 1991 – High Priority Corridor
- Completed 1999
- \$603 Million
- Bobby Hopper Tunnel
- April 2014 – Signed as I-49





Interstate 49 Corridor Benton & Washington Counties



- 1991 – High Priority Corridor
- Completed 1999
- \$603 Million
- Bobby Hopper Tunnel
- April 2014 – Signed as I-49



-Since 2005

COMPLETED

11 Projects
7.4 Miles
\$100 Million

UNDER CONSTRUCTION

4 Projects
13.6 Miles
\$109 Million

SCHEDULED

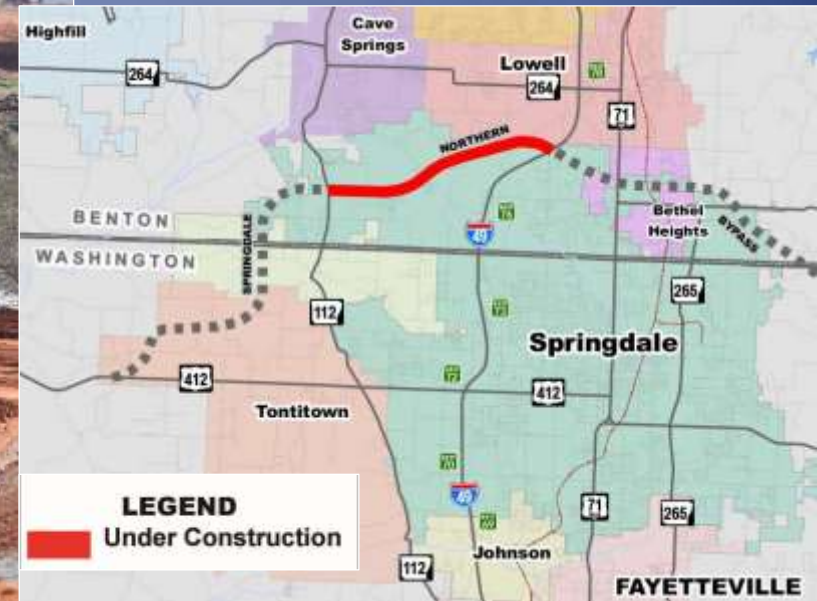
10 Projects
16.0 Miles
\$302 Million



Springdale Bypass (Hwy. 412)



- Hwy 112 – I-49
- Began Early 2015 / Complete Mid-2019
- \$100.6 million
- Most Expensive Job in AHTD History



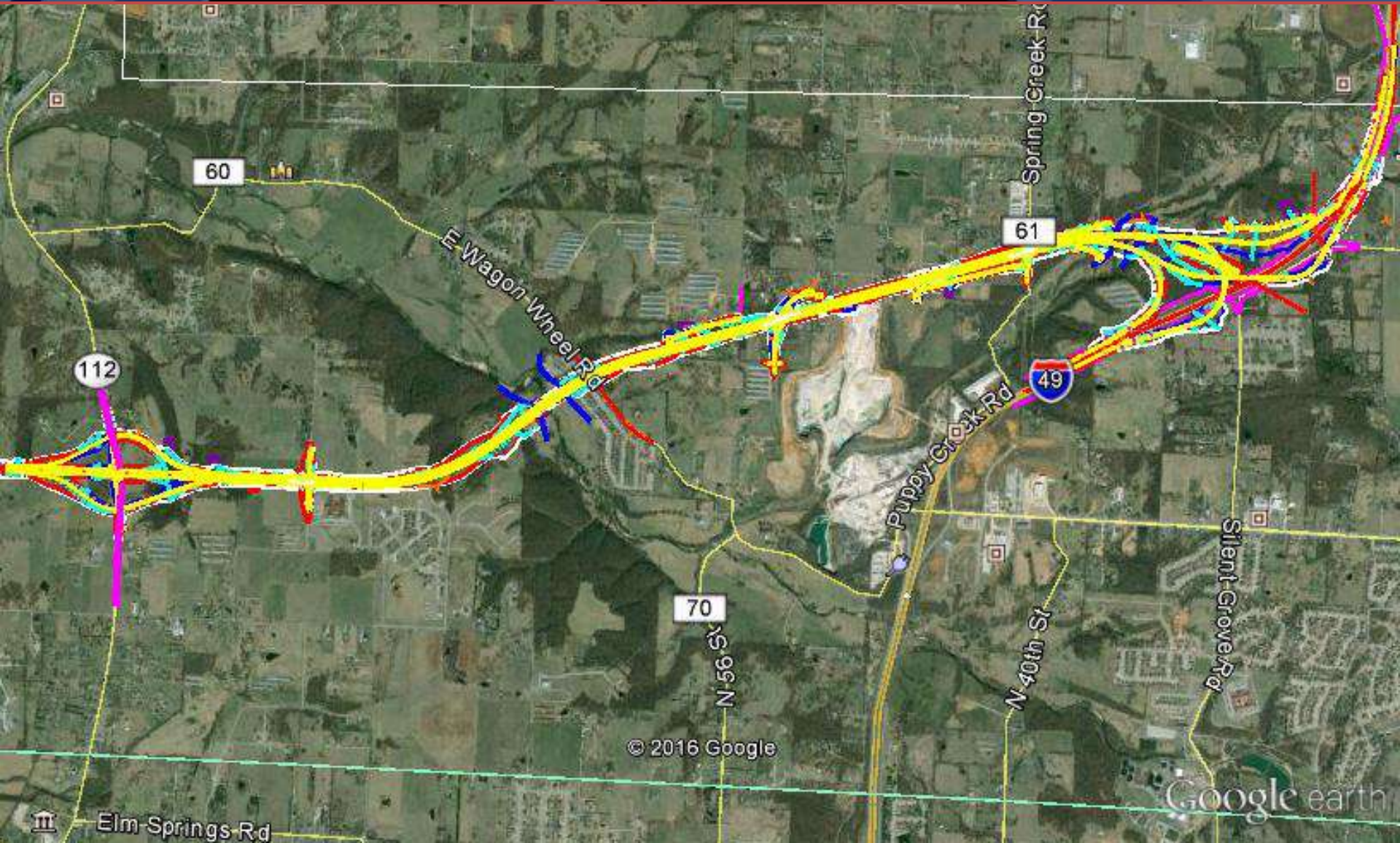


Job CA0907

- Eutaw Construction from Aberdeen, Mississippi
- 4.6 Miles long
- \$100.62 Million Contract Amount
- 37.9% of Work Complete
- 30.0% of Time (191/650)
- Estimated Completion Date 5/19/19

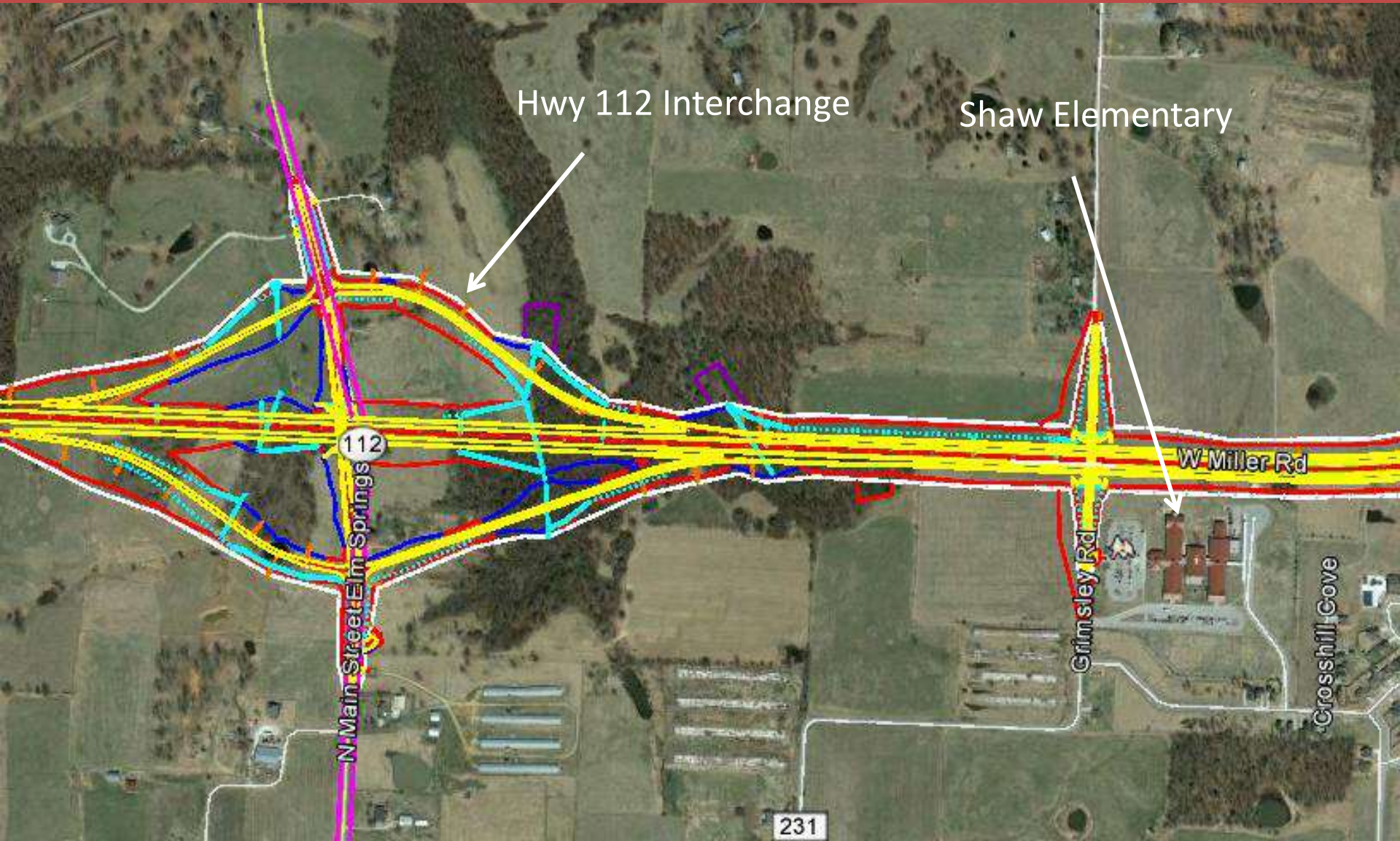


Job CA0907



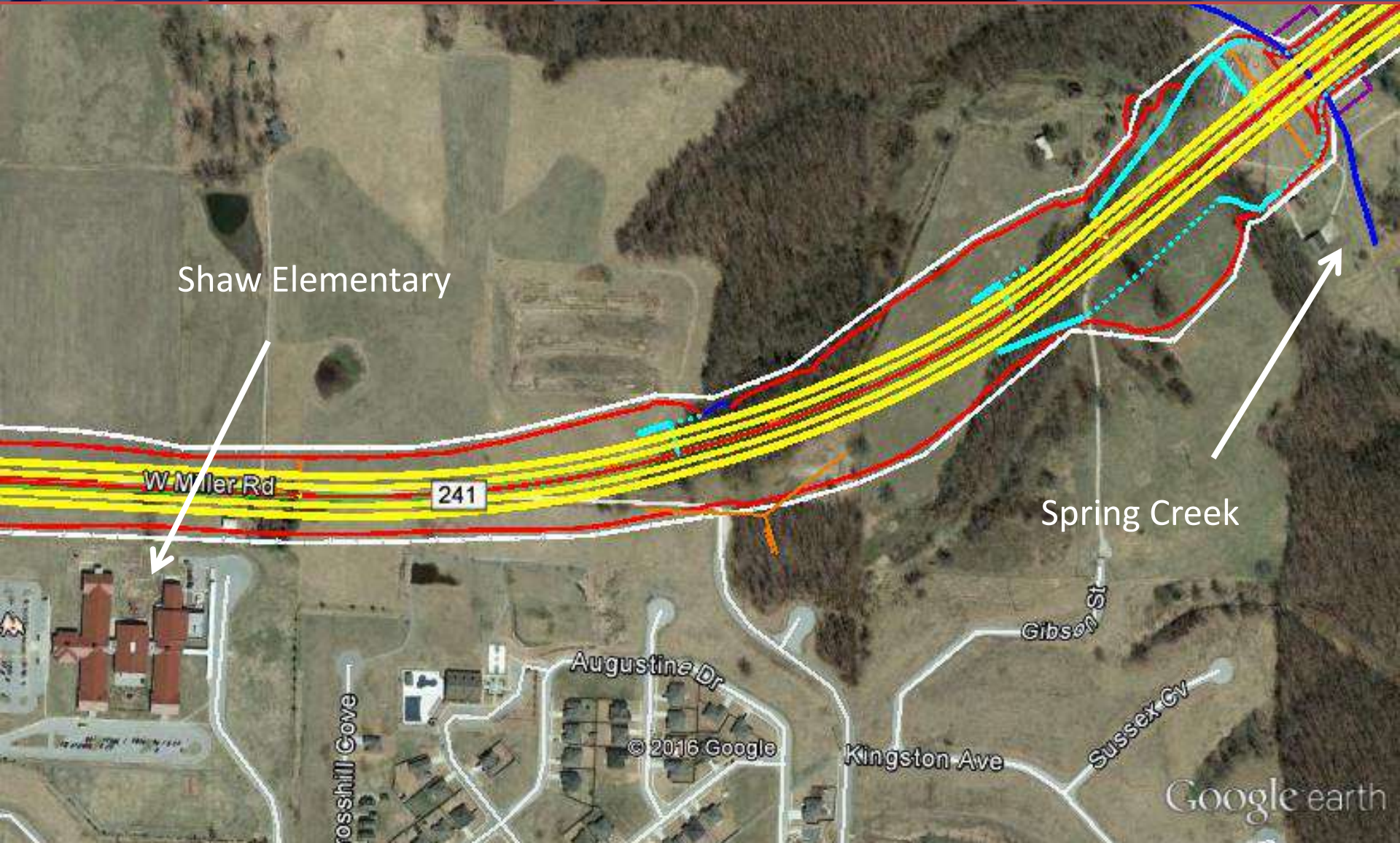


Job CA0907





Job CA0907



Shaw Elementary

W Miller Rd

241

Spring Creek

Crosshill Cove

Augustine Dr

© 2016 Google

Kingston Ave

Gibson St

Sussex Cv

Google earth

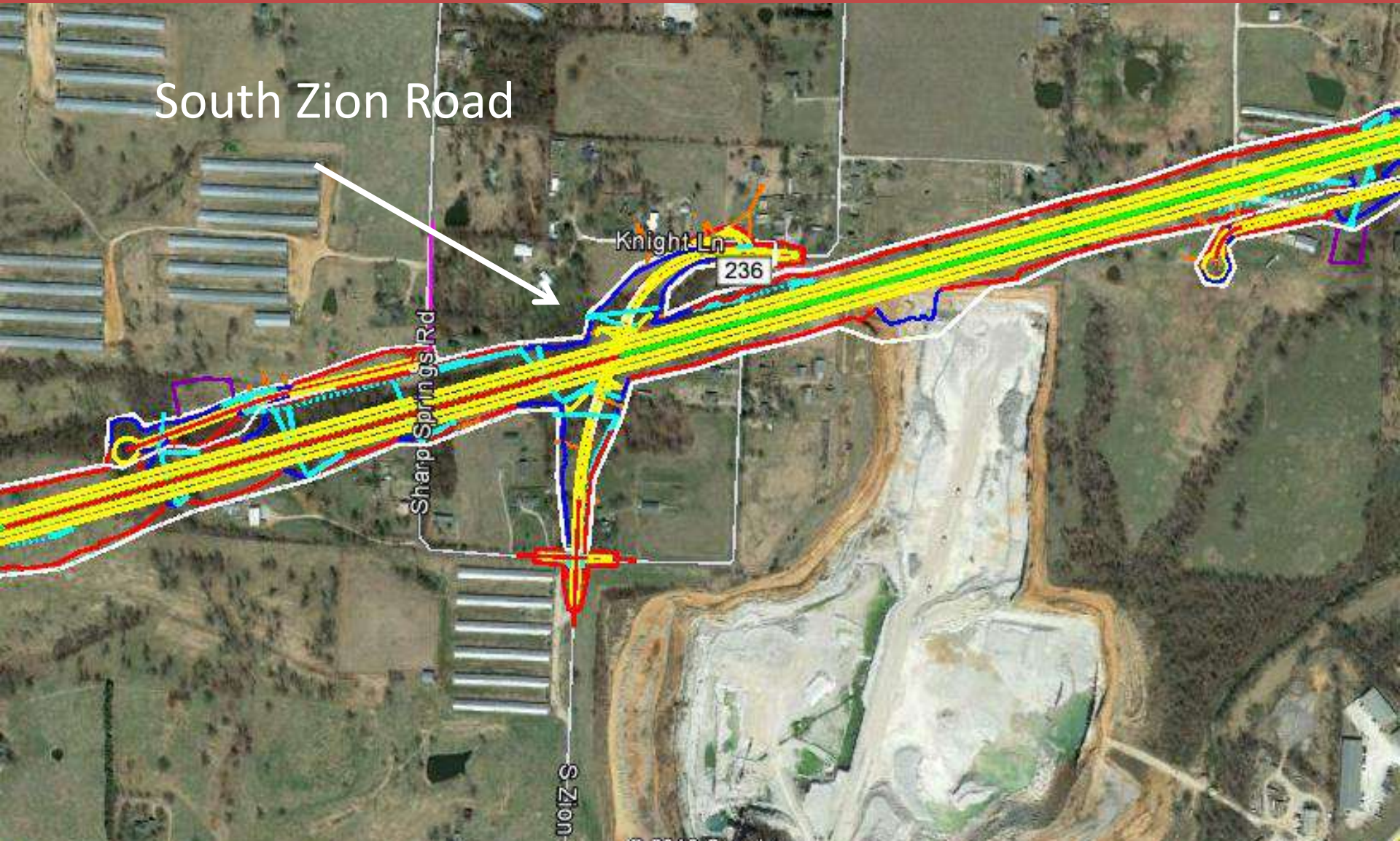


Job CA0907





Job CA0907



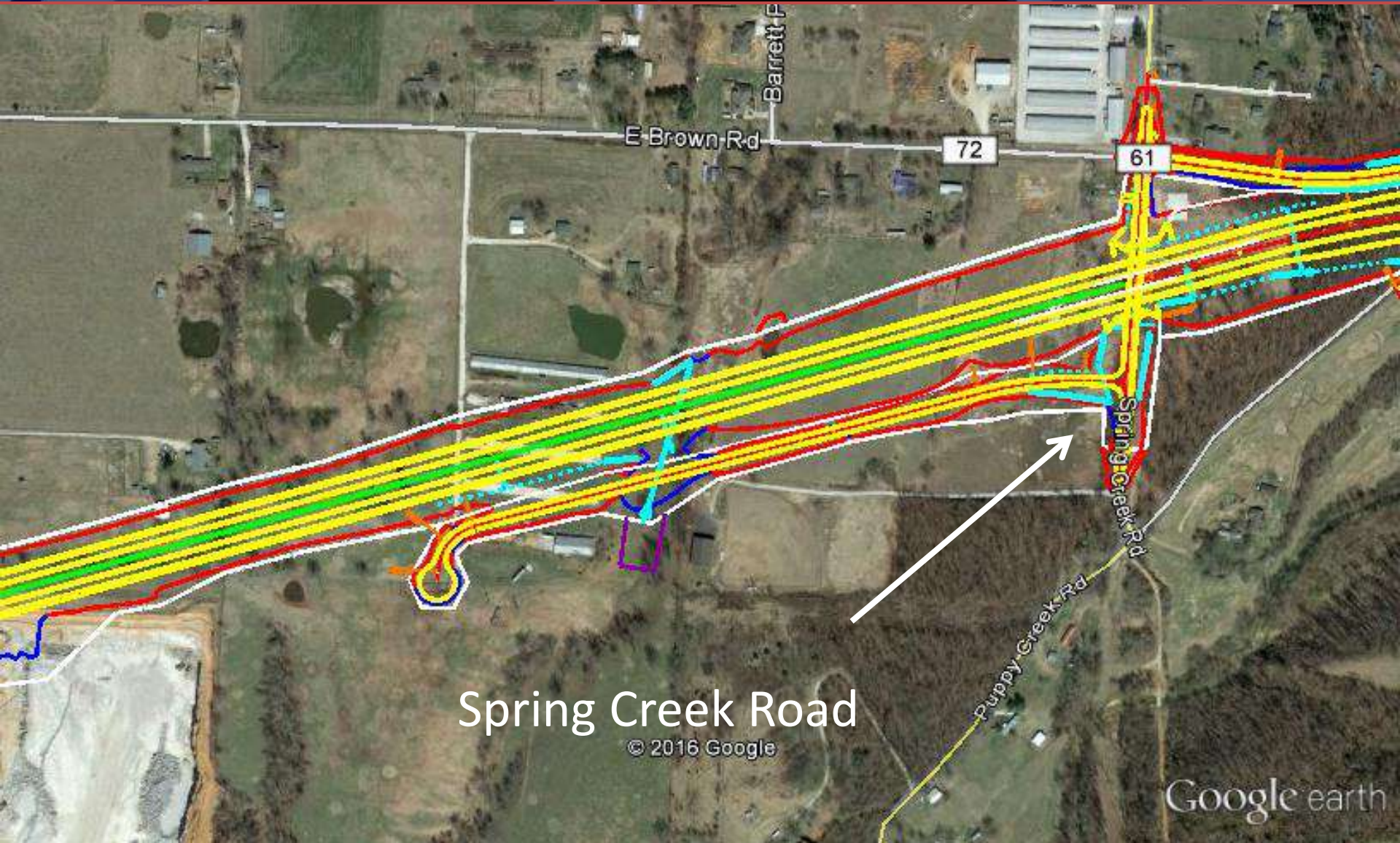


Job CA0907





Job CA0907



Spring Creek Road

© 2016 Google

Google earth



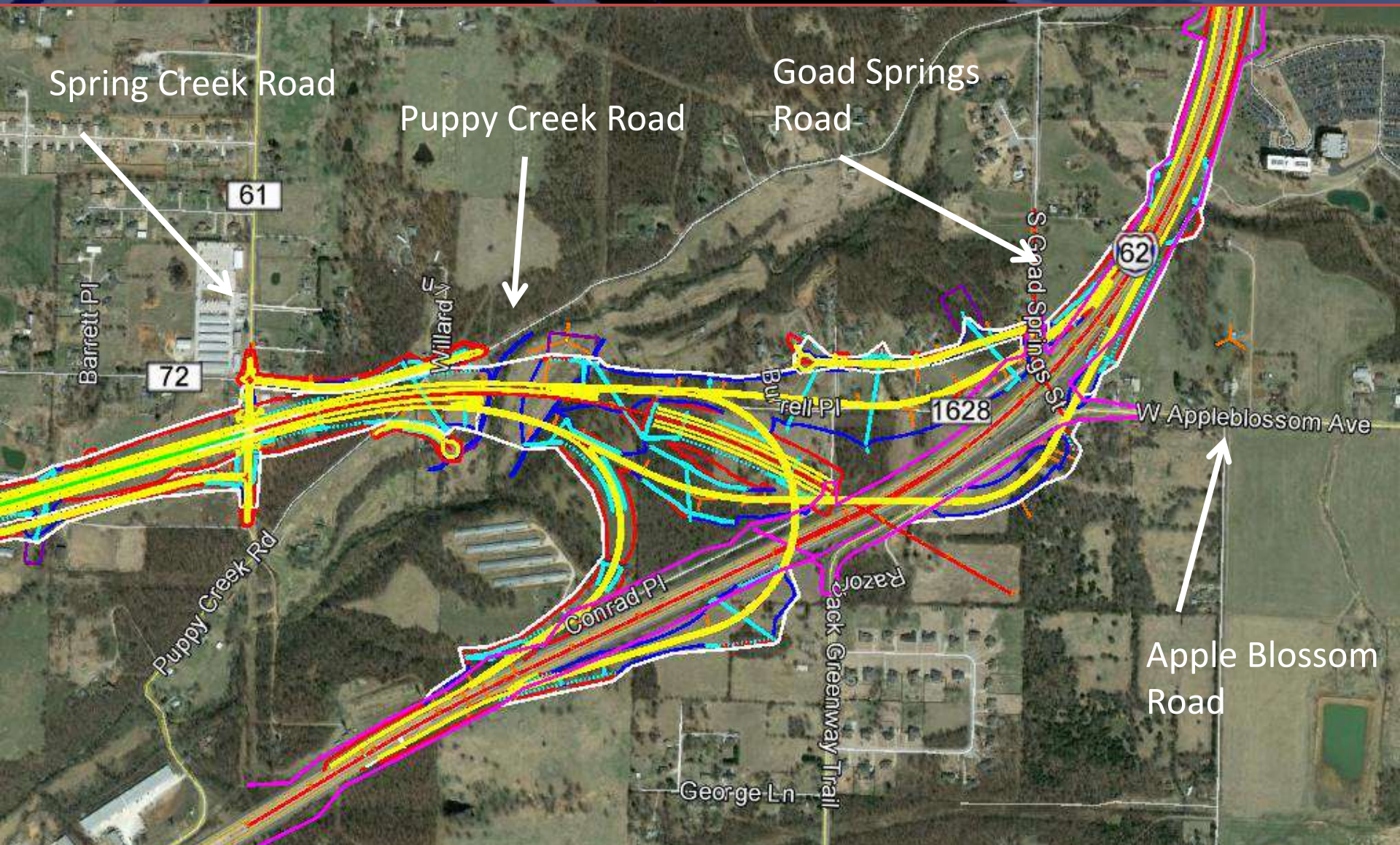
Job CA0907



Main Lanes & Ramp EN Bridges over Puppy Creek



Job CA0907





Other Highways of Interest



Highway 12

Hwy. 71B – Shell Road

✓ Under Construction

- Began November 2014
- Complete Late 2016
- 2.2 Miles
- \$9 Million





Highway 265 Corridor



Fayetteville - Rogers

- ✓ **Completed**
 - 3.1 Miles
 - \$14 Million
- ✓ **Under Construction**
 - 4.0 Miles
 - \$15 Million
- ✓ **Draft STIP**
 - 4.6 Miles
 - \$23 Million



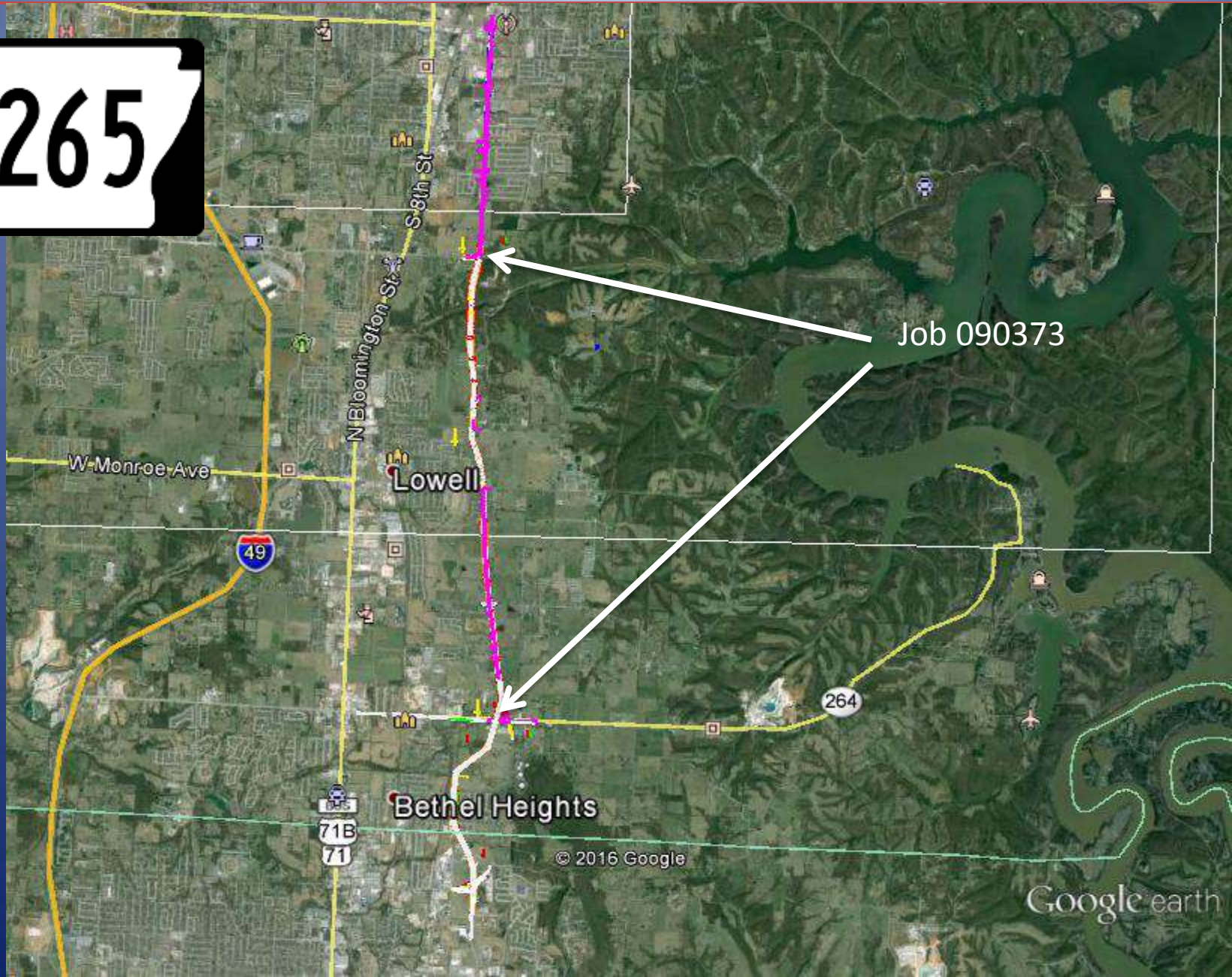
LEGEND

-  Scheduled
-  Under Construction
-  Completed
-  Programmed





Highway 265 Corridor



Job 090373



Highway 265 Corridor

Job 090373

-Crossland

Construction

-4.0 Miles long

-\$15.4 Million

-Est Comp

11/30/17





Benton & Washington Counties: 2005-2022



COMPLETED

203 Projects
309.1 Miles
\$471.1 Million

UNDER CONSTRUCTION

25 Projects
53 Miles
\$294.6 Million

SCHEDULED

68 Projects
141.7 Miles
\$578.2 Million



Questions?