

Dick Trammel

Chairman, Arkansas Highway Commission



Steve Lawrence

District 9 Engineer

**Northwest Arkansas
Appraisal Section**

Thursday, September 8, 2016

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
- \$250 Million Increase for Arkansas over 5 Years
 - \$250 Million Increase from FFY 2015



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

	2016	2017	2018	2019	2020	AVG
Sources and Revenues:						
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
Less Fixed Expenditures:						
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)

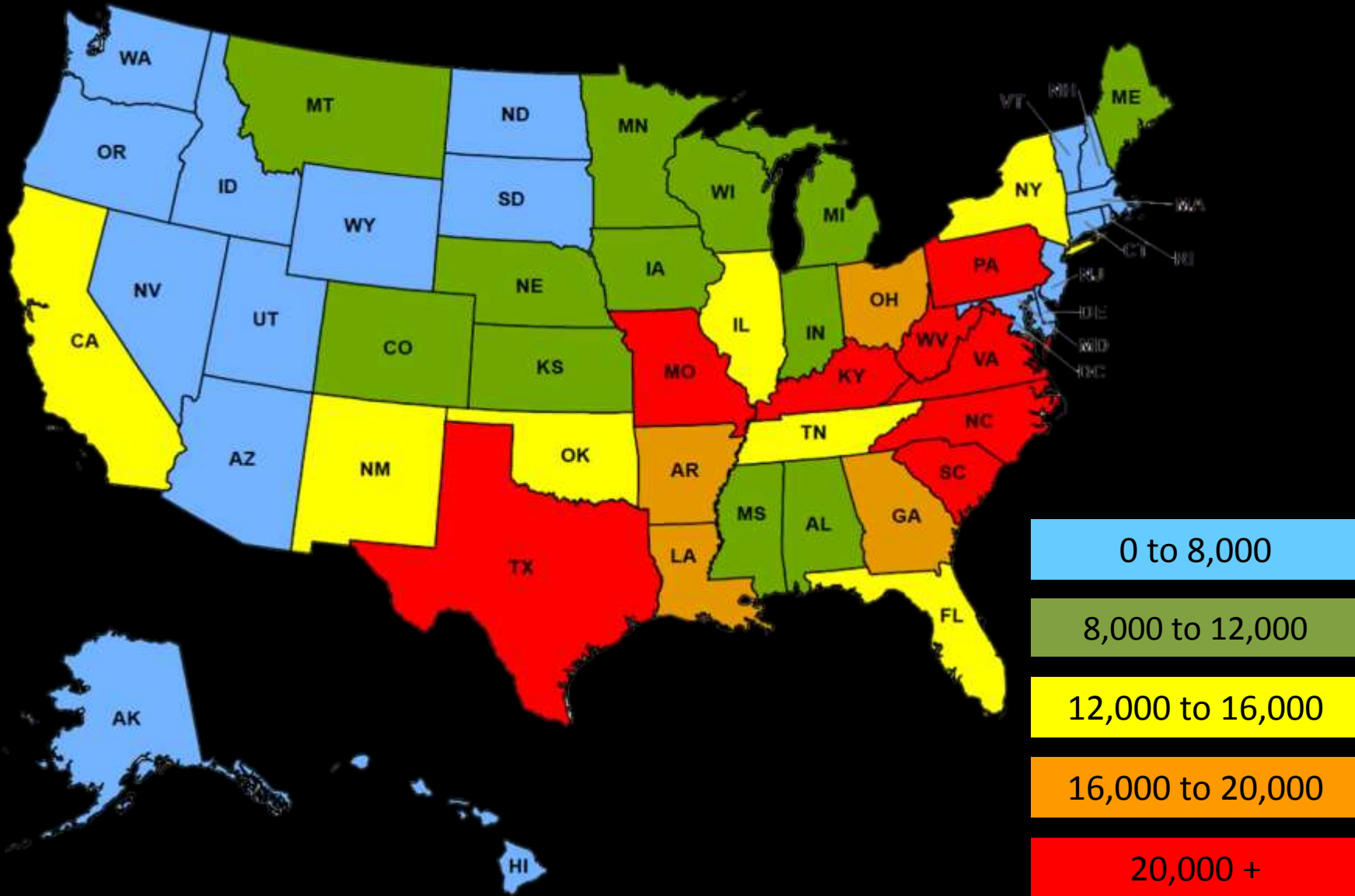


Act 1 - Arkansas Highway Improvement Plan of 2016

	FY17	FY18	FY19	FY20	FY21
	(x \$1 M)				
2016 Special Session					
Long Term Reserve Fund (formerly named Arkansas Rainy Day Fund)	40.0				
Securities Reserve Fund	1.5	20.0	20.0	20.0	20.0
Redirect the \$4 Million of the Diesel Tax that goes to General Revenue to Highways (70/30 split)		2.7	2.7	2.7	2.7
Eliminate the State Central Services Deduction from 1/2 Cent Sales Tax (70/30 split)	5.4	5.4	5.4	5.4	5.4
Sub-Totals 2016 Special Session	46.9	28.1	28.1	28.1	28.1
Potential in Future Years					
Allocate up to 25% of Future GIF to Highways (Estimate Based on 10 Year Average)		48.0	48.0	48.0	48.0
Totals 2016 Special Session and Potential in Future Years	46.9	76.1	76.1	76.1	76.1



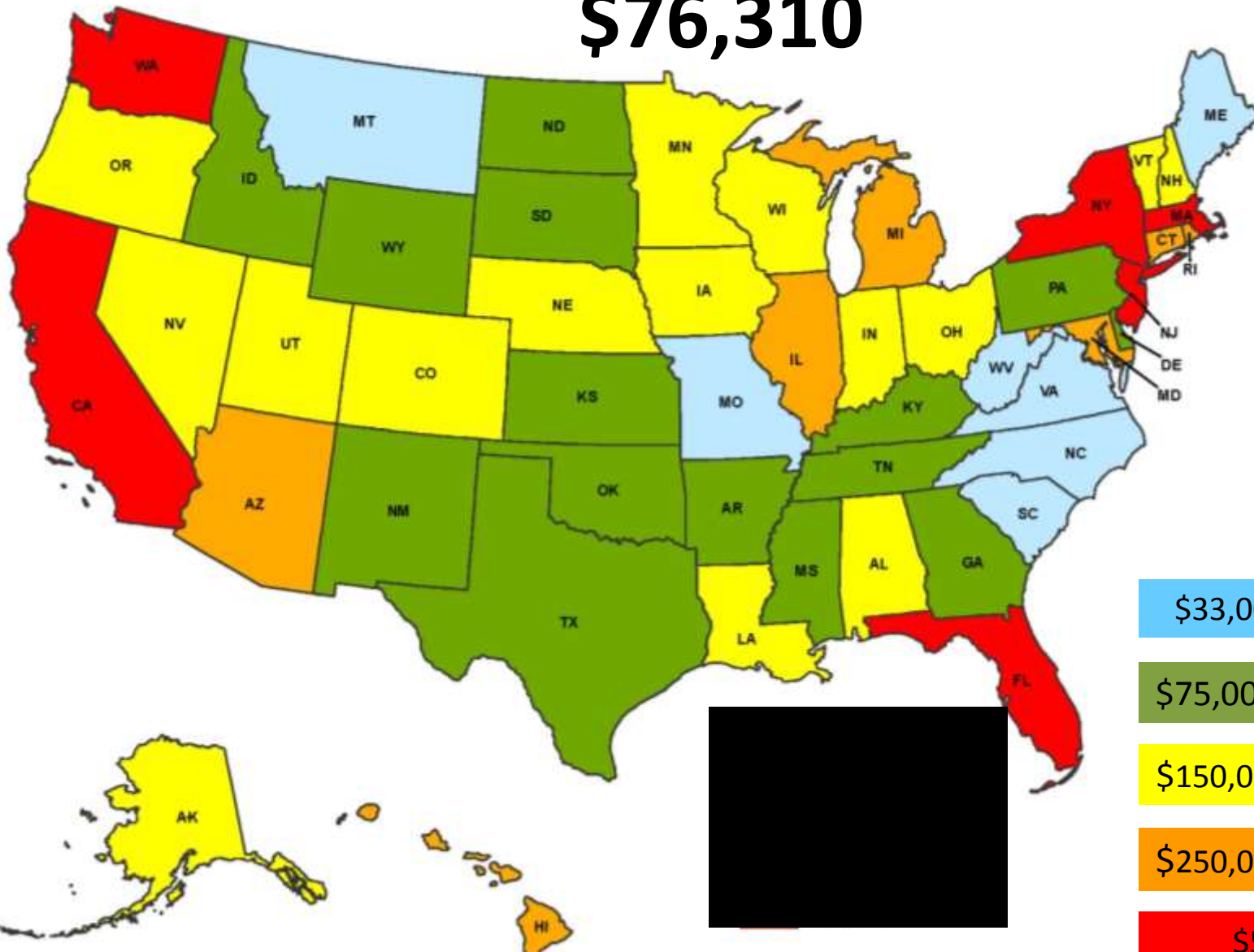
12th in the Nation for Number of Highway Miles





43rd in the Nation for Revenue per Mile

\$76,310



\$33,000 to \$75,000

\$75,000 to \$150,000

\$150,000 to \$250,000

\$250,000 to \$500,000

\$500,000 +

Regional Projects



Entire Interstate 49 Corridor in AR

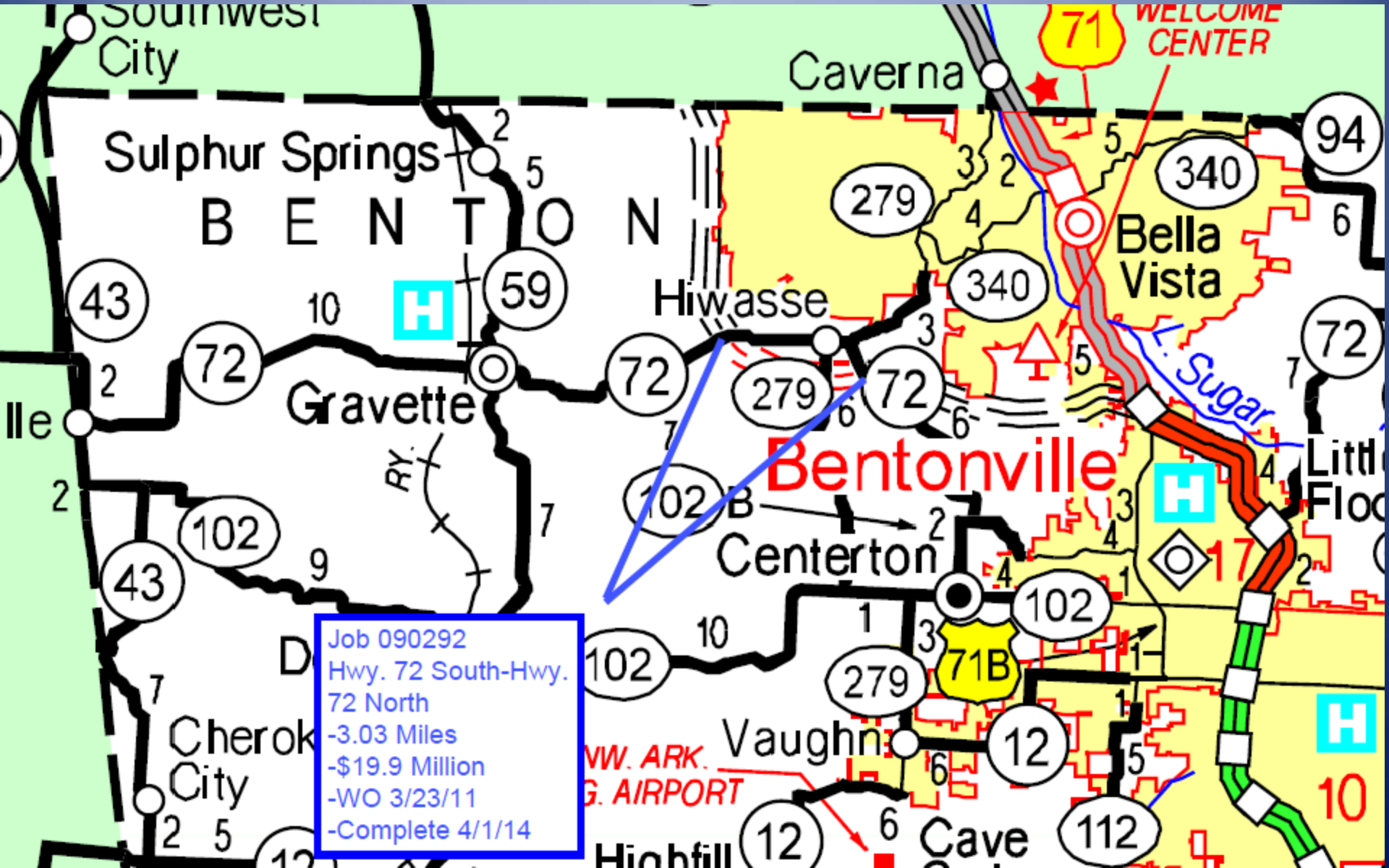
Arkansas I-49 Corridor

- Legend**
- Completed
 - Under Construction
 - Scheduled
 - Proposed



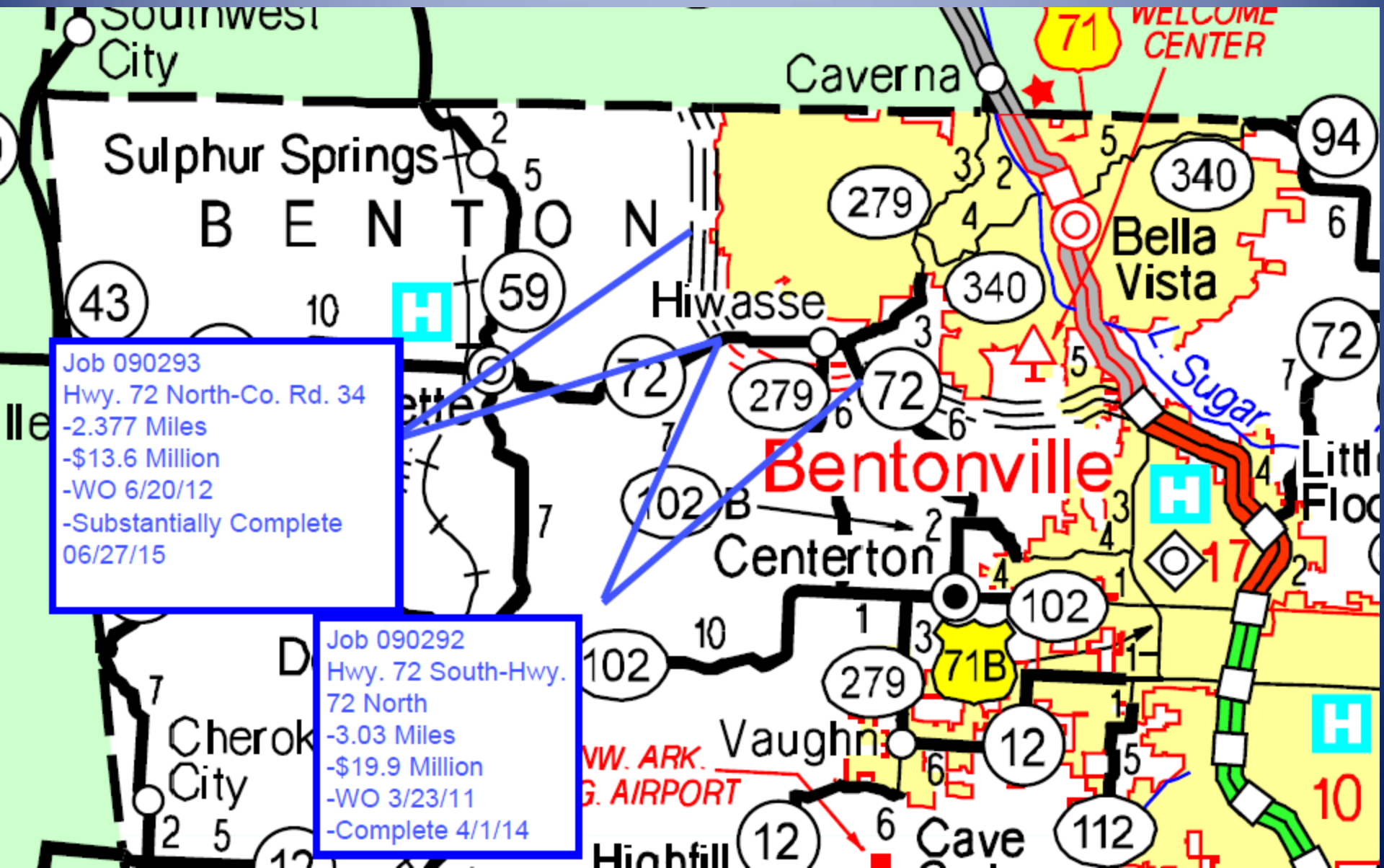


Bella Vista Bypass





Bella Vista Bypass

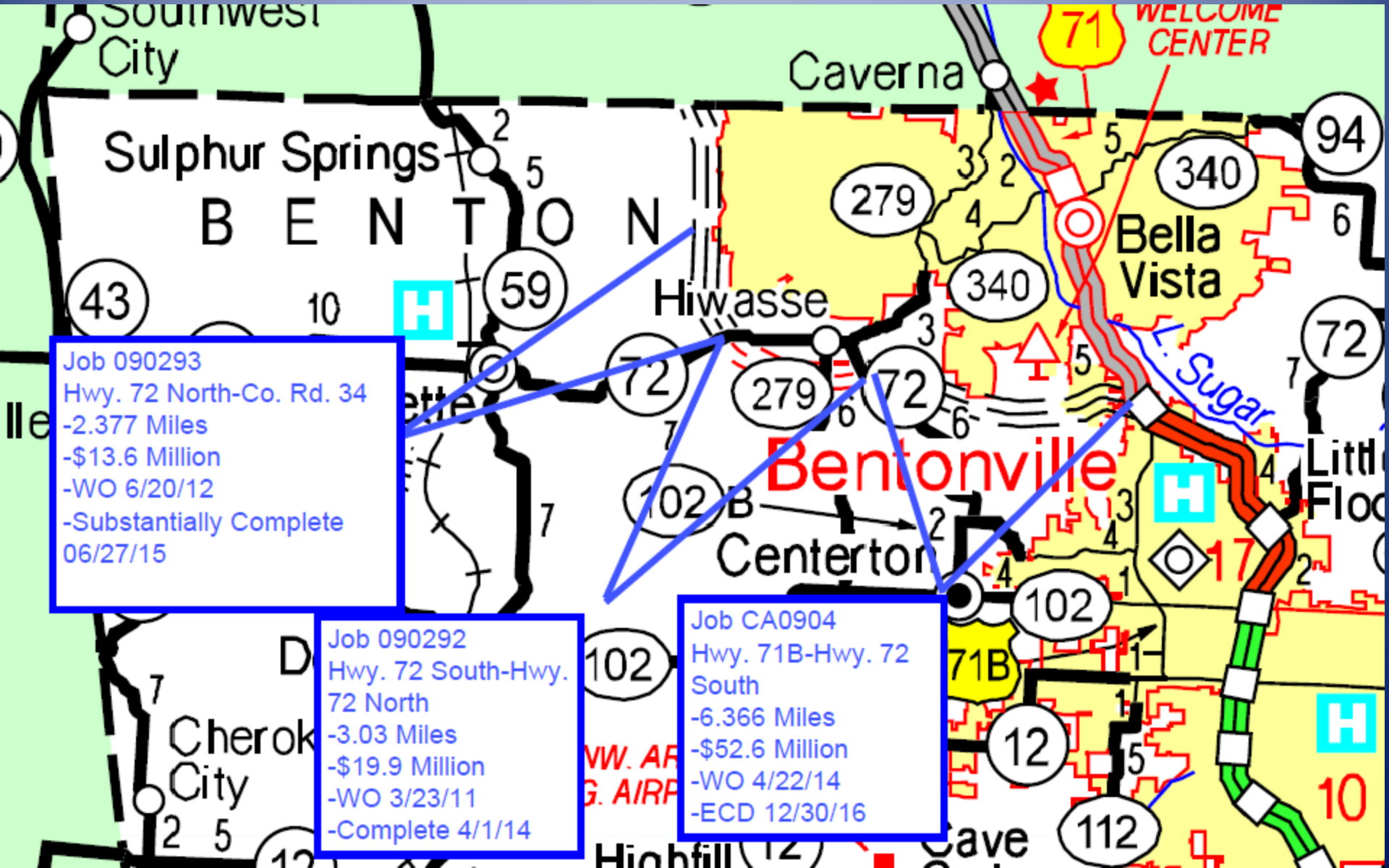


Job 090293
Hwy. 72 North-Co. Rd. 34
-2.377 Miles
-\$13.6 Million
-WO 6/20/12
-Substantially Complete
06/27/15

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

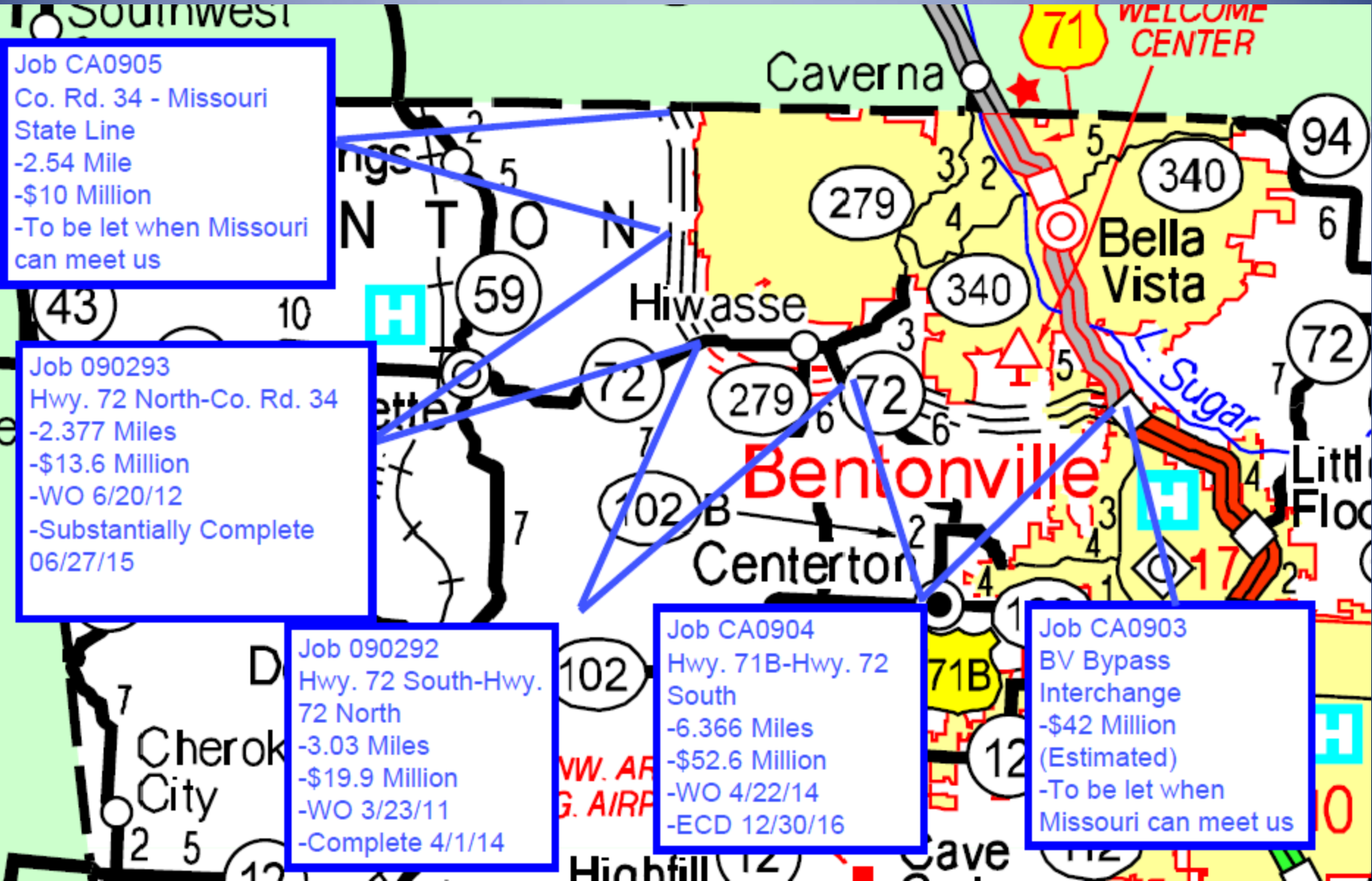


Bella Vista Bypass





Bella Vista Bypass





Bella Vista Bypass Interchange



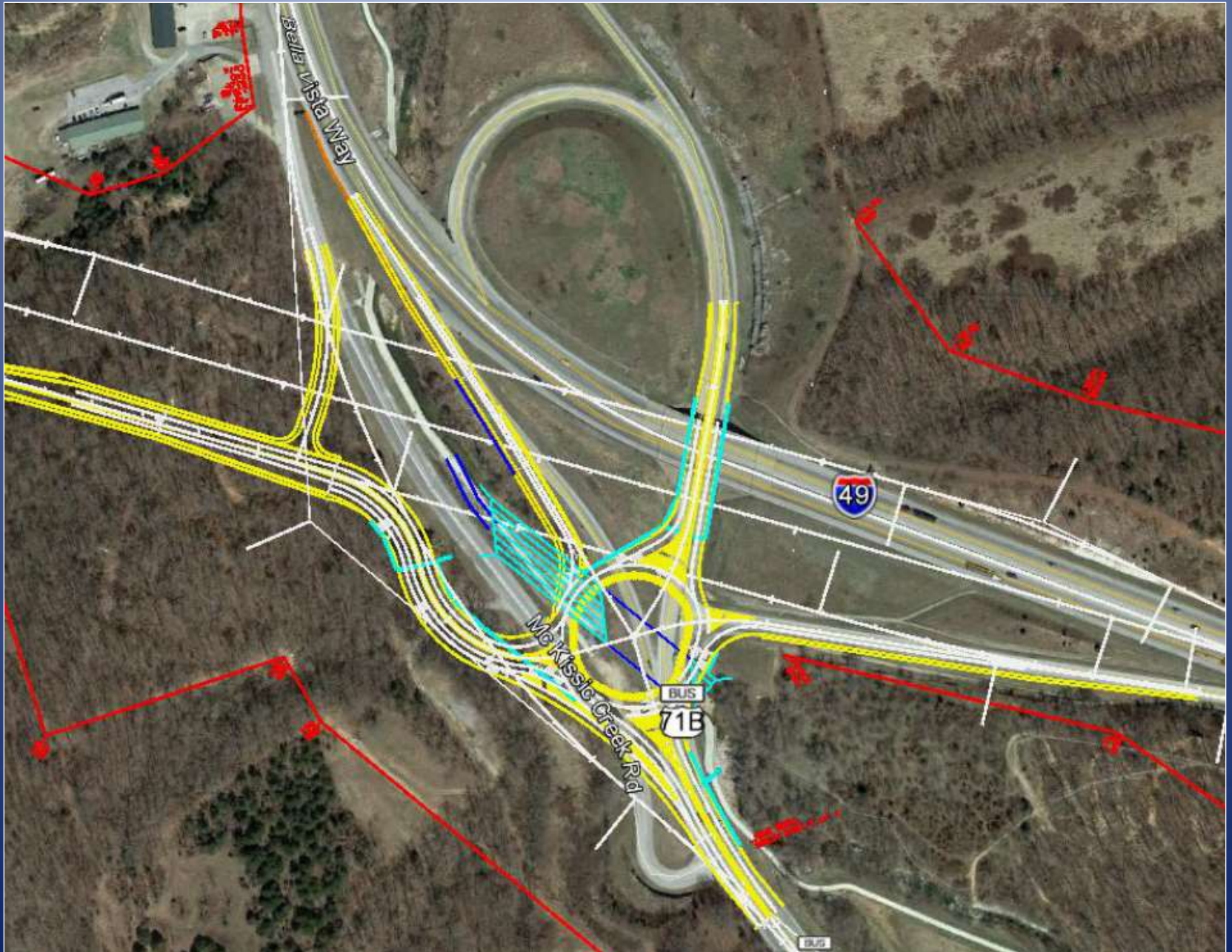


Bella Vista Bypass Interchange



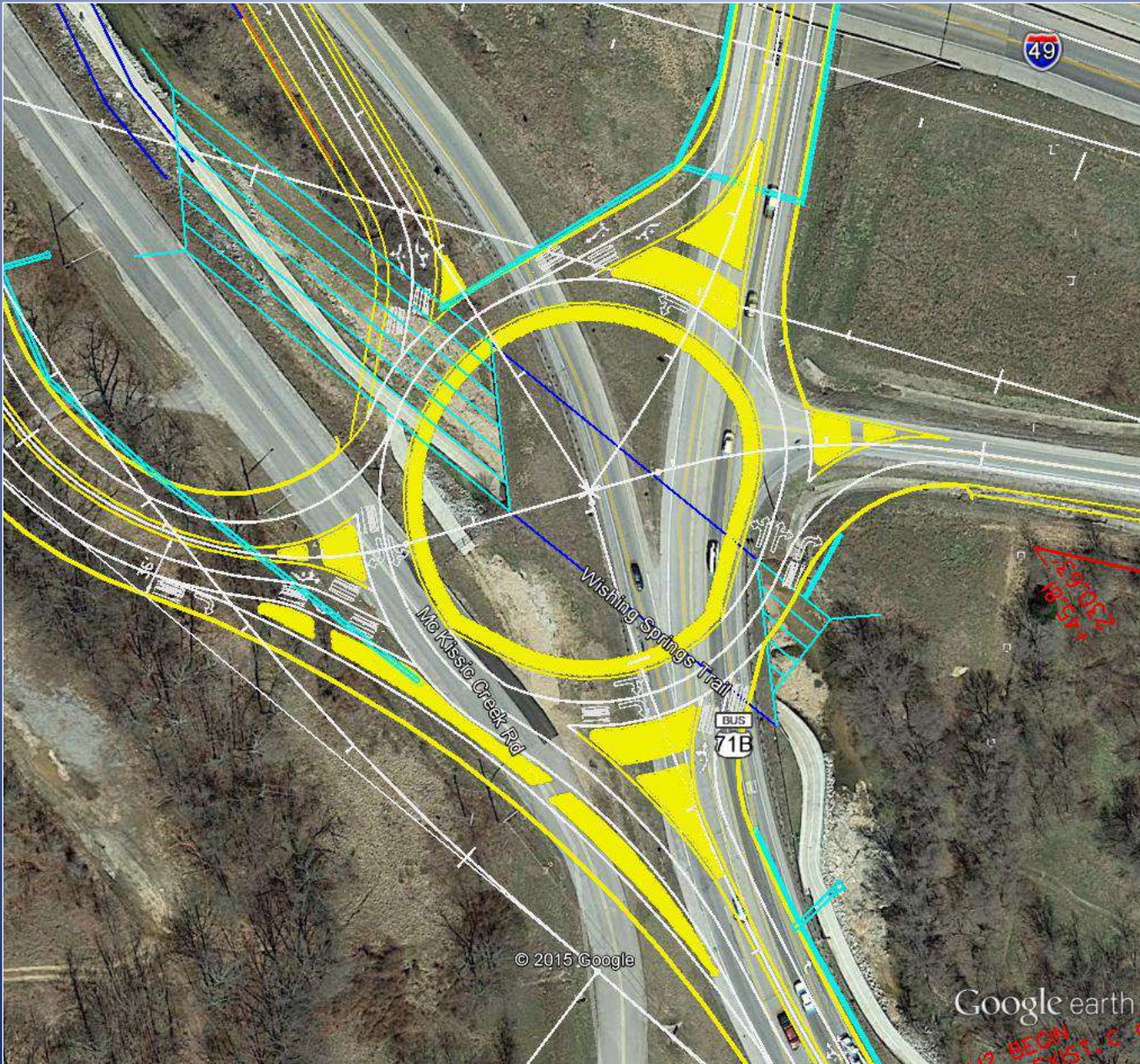


Bella Vista Bypass Roundabout

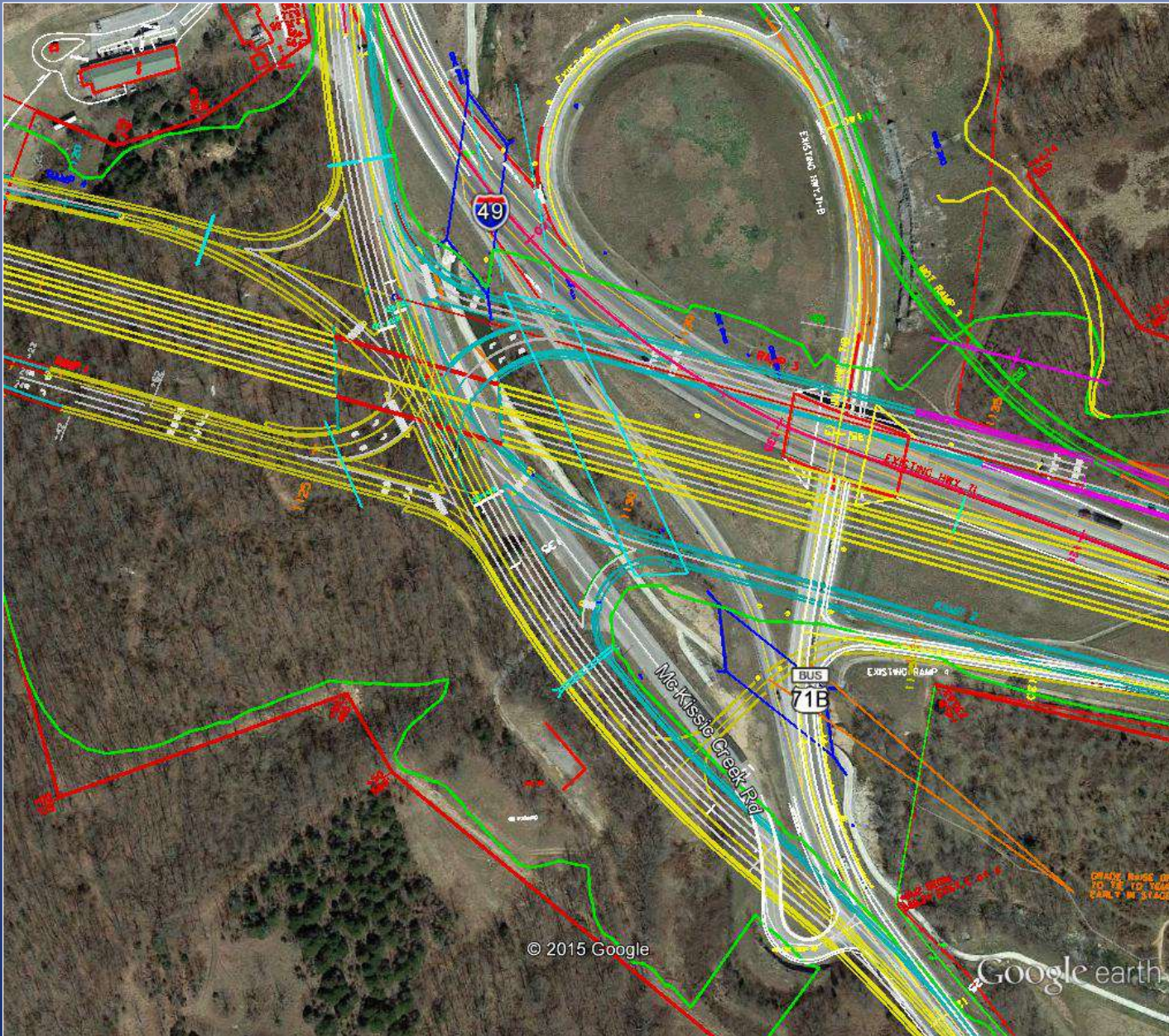




Bella Vista Bypass Roundabout



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

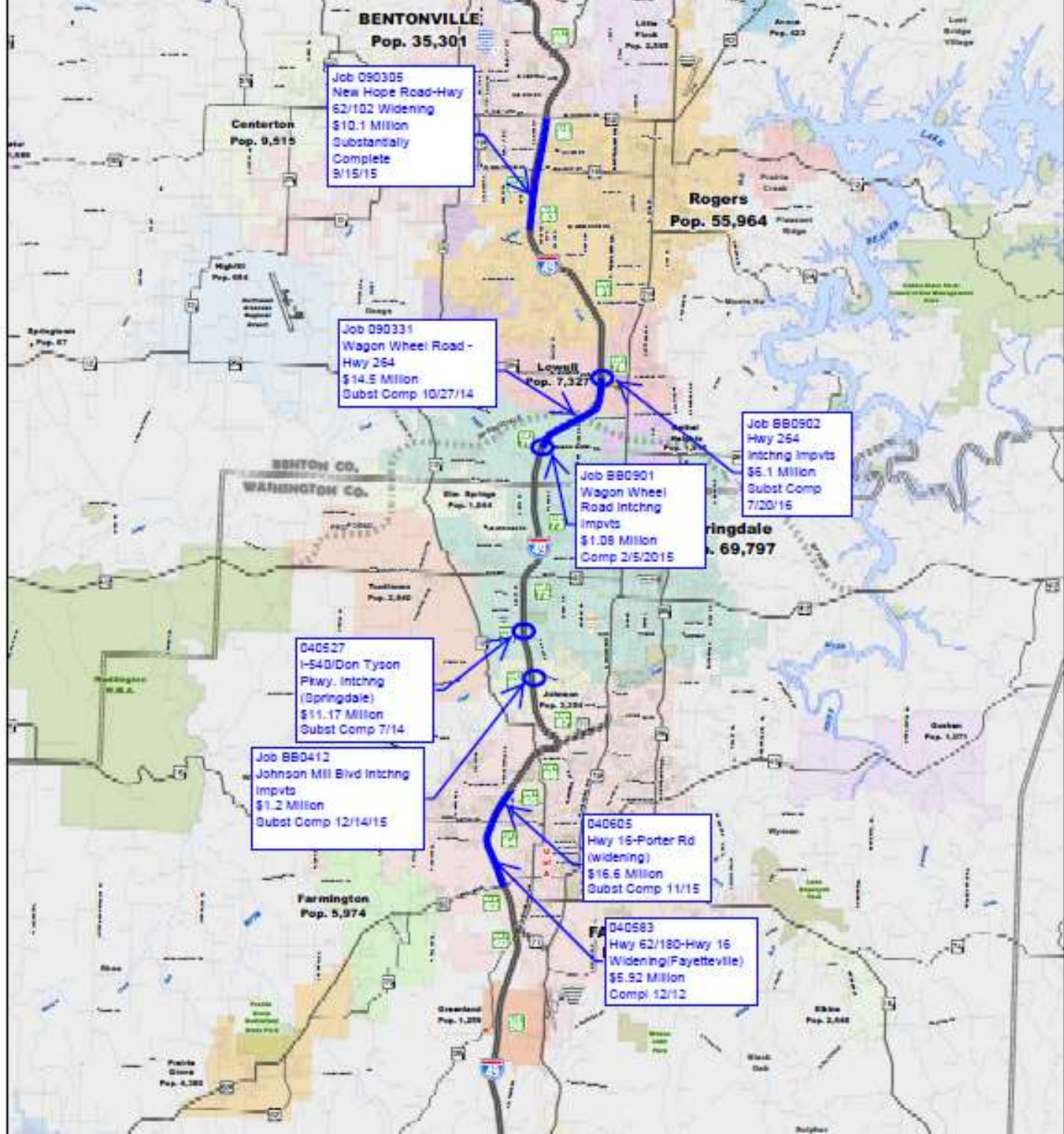


Interstate 49 Corridor



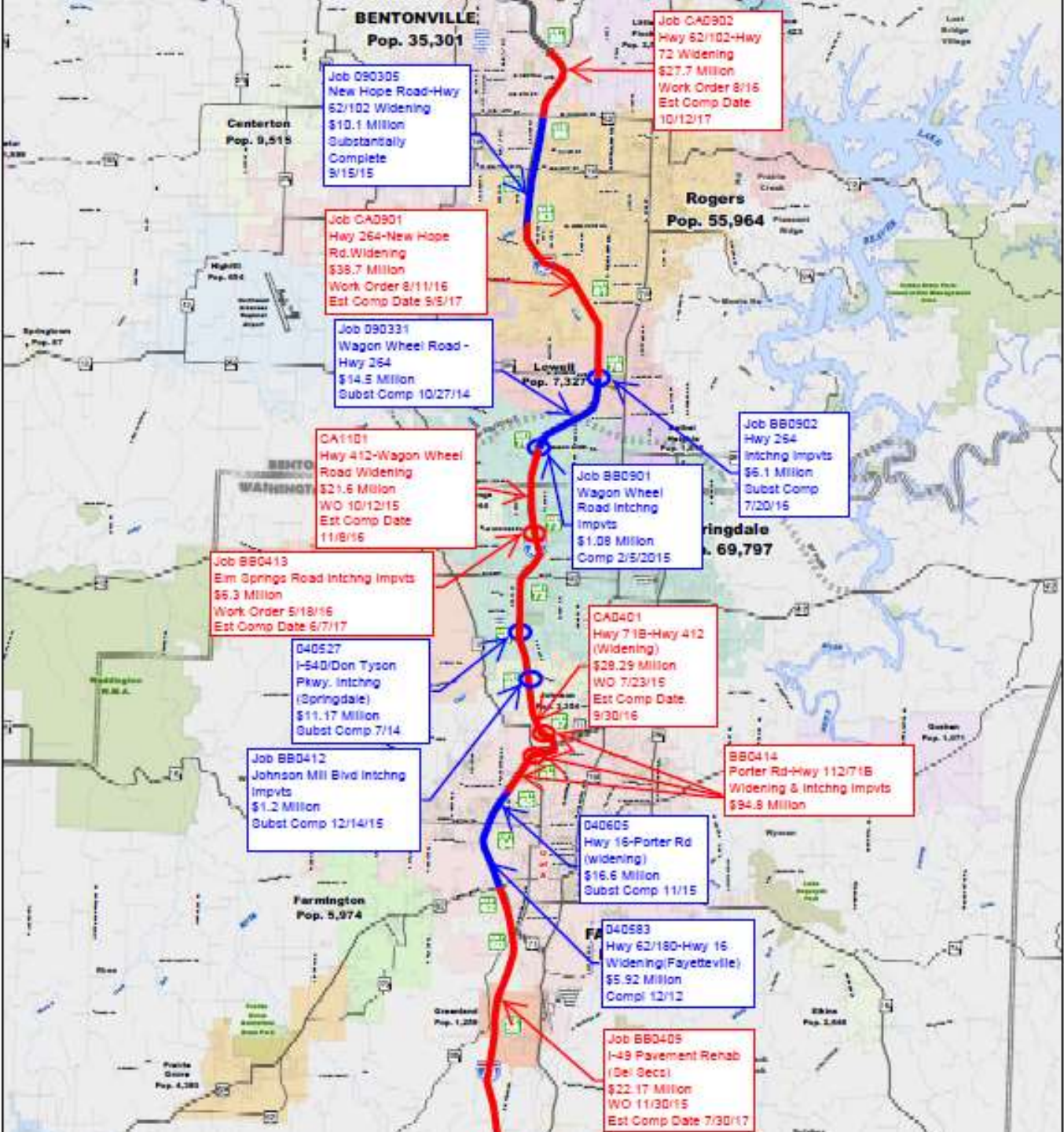


Interstate 49 Corridor



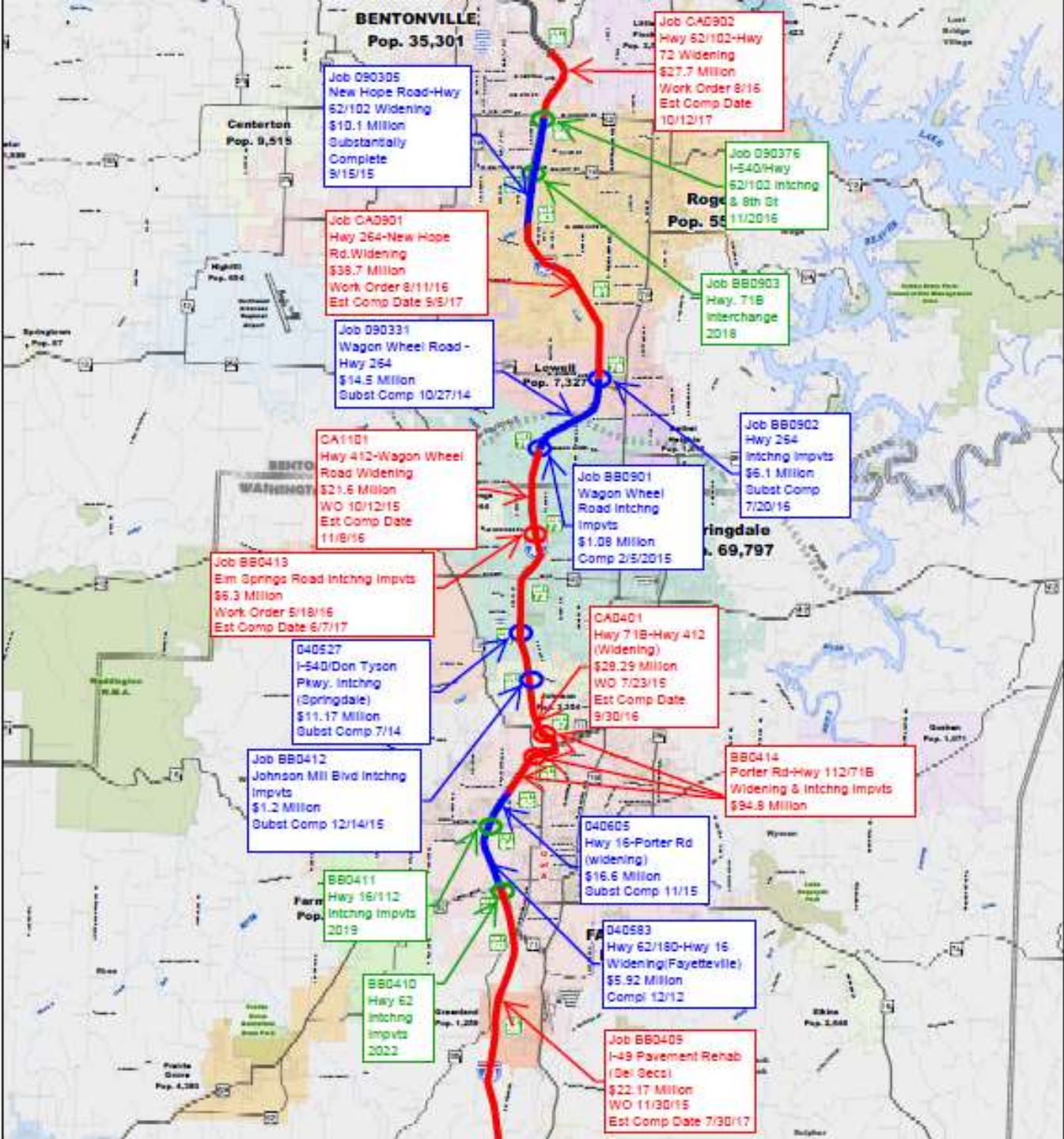


Interstate 49 Corridor



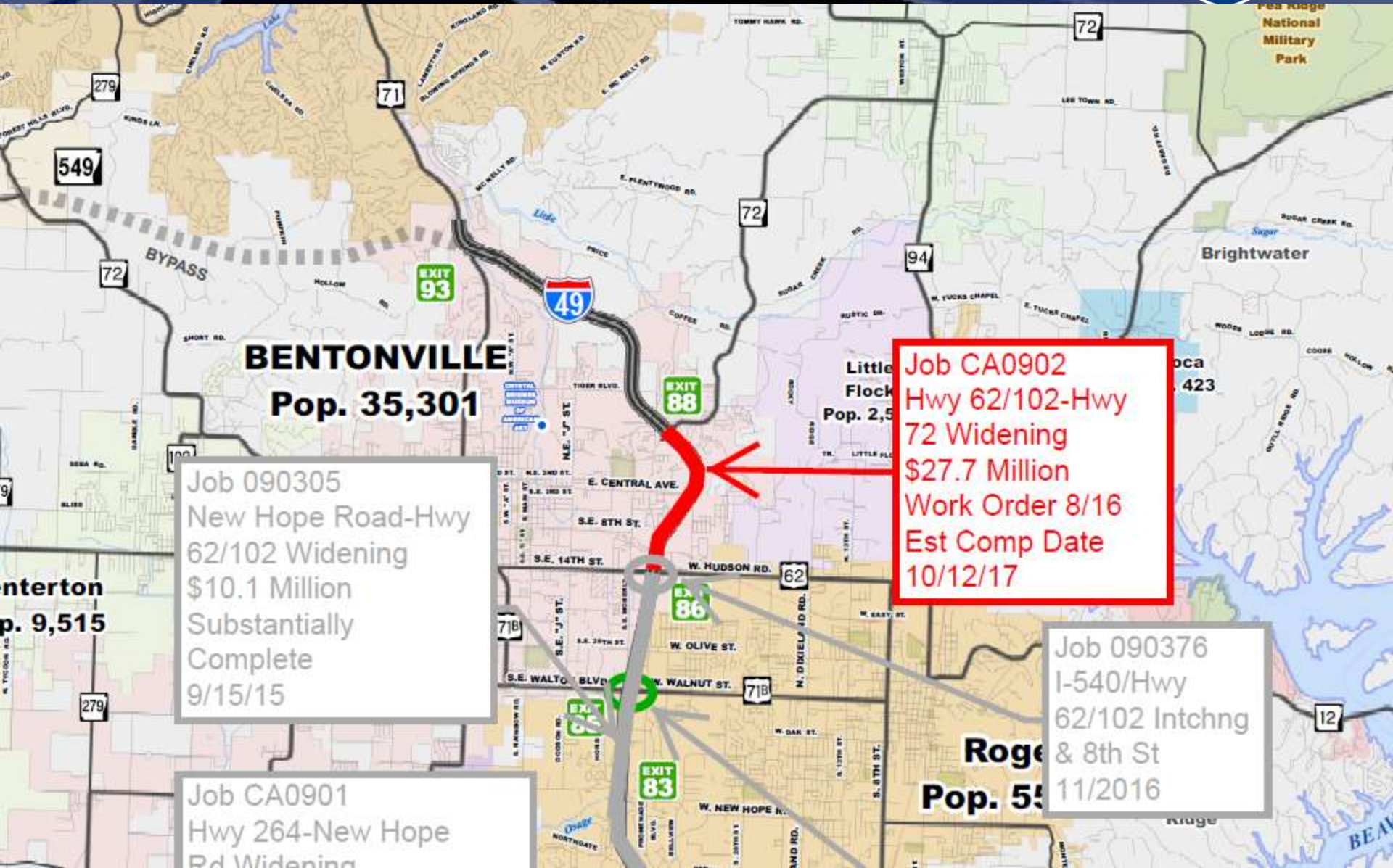


Interstate 49 Corridor





Job CA0902



BENTONVILLE
Pop. 35,301

Job CA0902
Hwy 62/102-Hwy
72 Widening
\$27.7 Million
Work Order 8/16
Est Comp Date
10/12/17

Job 090305
New Hope Road-Hwy
62/102 Widening
\$10.1 Million
Substantially
Complete
9/15/15

Job CA0901
Hwy 264-New Hope
Rd Widening

Job 090376
I-540/Hwy
62/102 Intchg
& 8th St
11/2016

Rogers
Pop. 55,000

Interton
Pop. 9,515

Pea Ridge National Military Park

Brightwater

oca
423

Little Flock
Pop. 2,500



Job CA0902



- Widening to 6 lanes from Highway 62/102 to Highway 72
- Adding auxiliary lanes from Highway 71B to Highway 62/102 (8 lane section)
- Contract Amount \$27.7 Million
- Crossland Construction Company
- 1.5% of Work Complete
- Used 2.6% of the contract time (11/430)
- Estimated Completion 10/12/17



Job CA0902

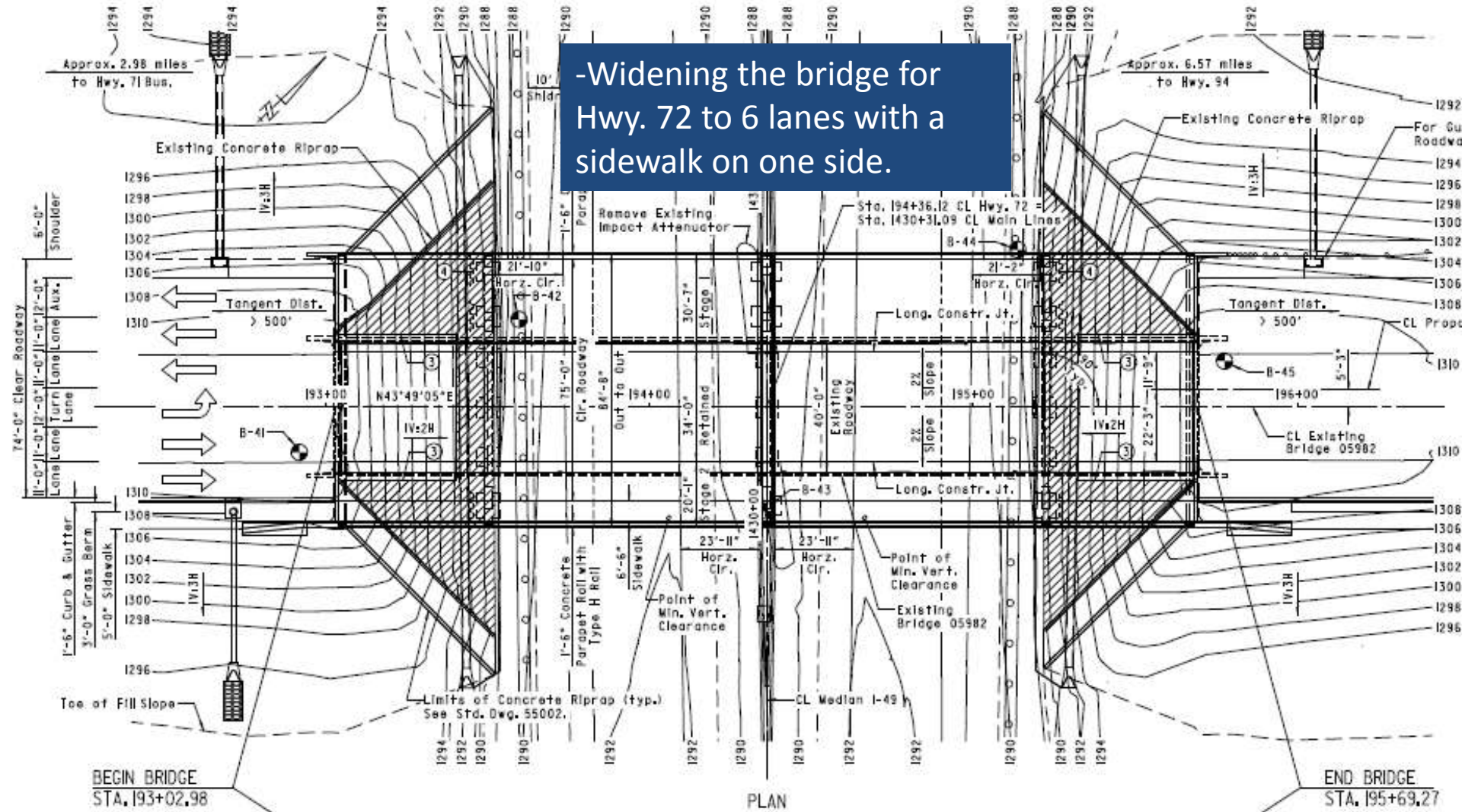




Job CA0902

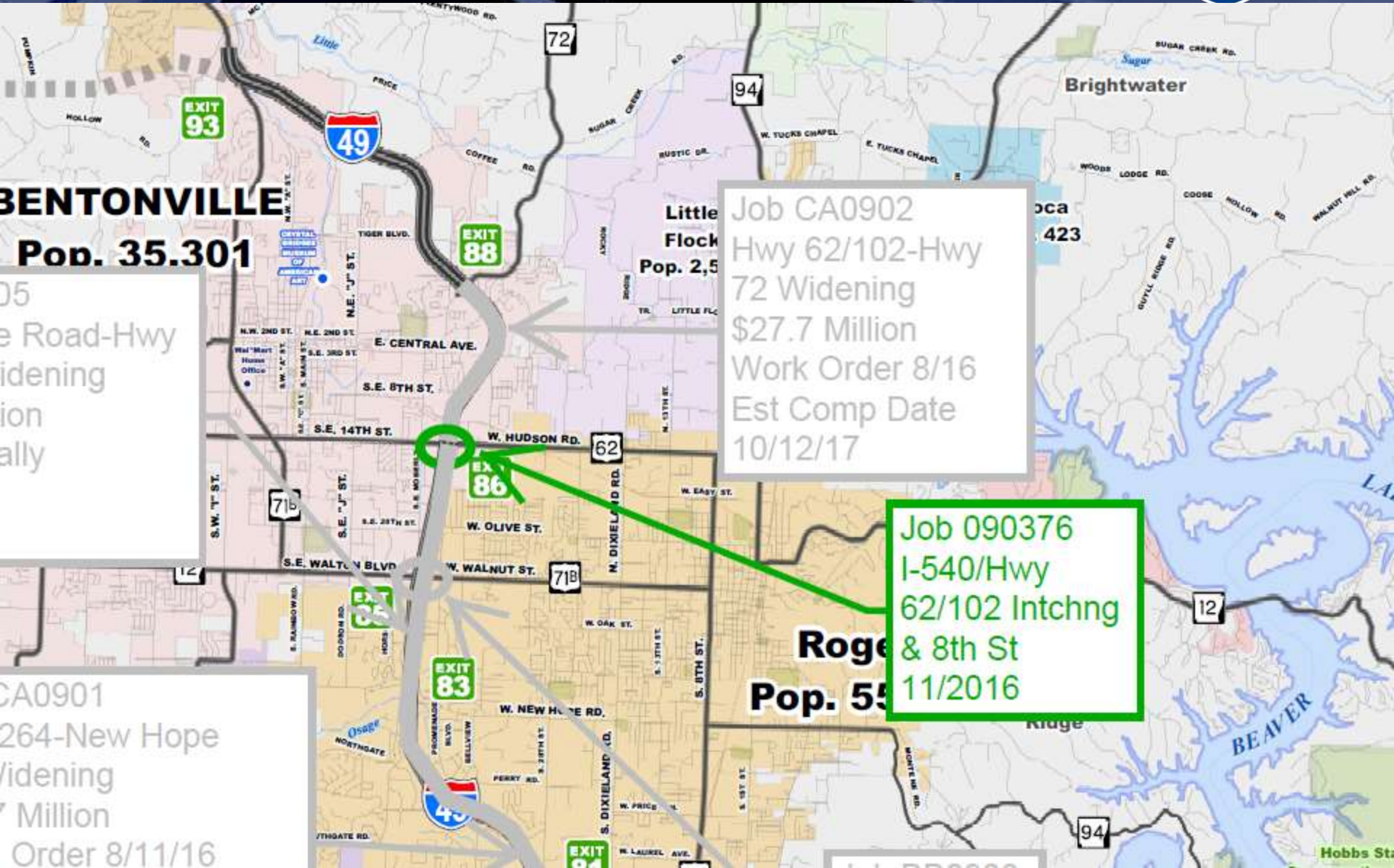


-Widening the bridge for Hwy. 72 to 6 lanes with a sidewalk on one side.





Job 090376



BENTONVILLE
Pop. 35,301

CA0901
264-New Hope
Widening
7 Million
Order 8/11/16

Little
Flock
Pop. 2,5

Job CA0902
Hwy 62/102-Hwy
72 Widening
\$27.7 Million
Work Order 8/16
Est Comp Date
10/12/17

Job 090376
I-540/Hwy
62/102 Intchn
& 8th St
11/2016

Rogers
Pop. 55

Hobbs St



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

Leisure Ln.

SE 7th St

SE 6th St

SE 6th St



8th Street
NB Off-Ramp

Hwy. 102/62
NB On-Ramp

**“Braided
Ramps”**

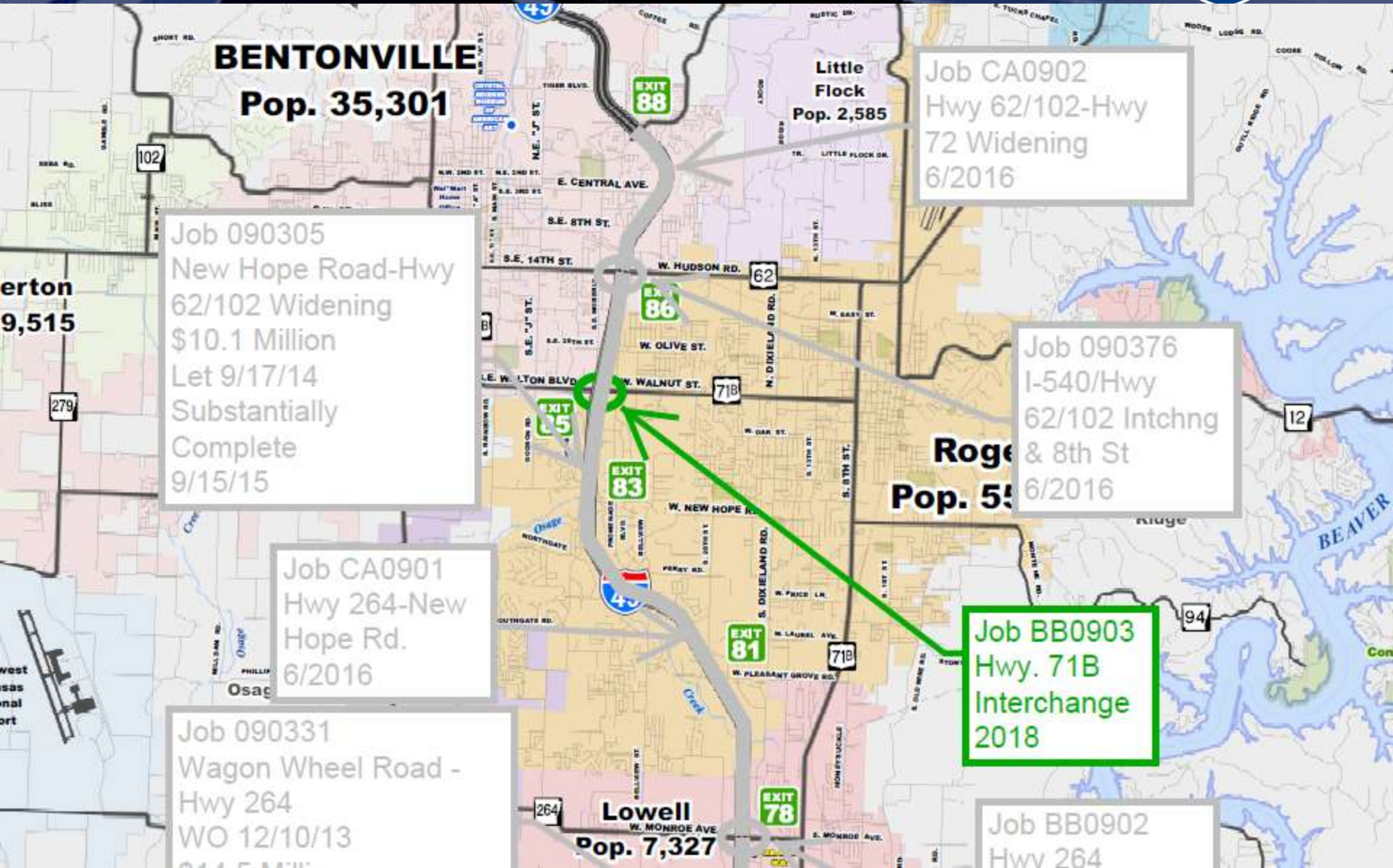
Southwest Arkansas
Community College

Extension Under
Separate Project

SE Eagle Way

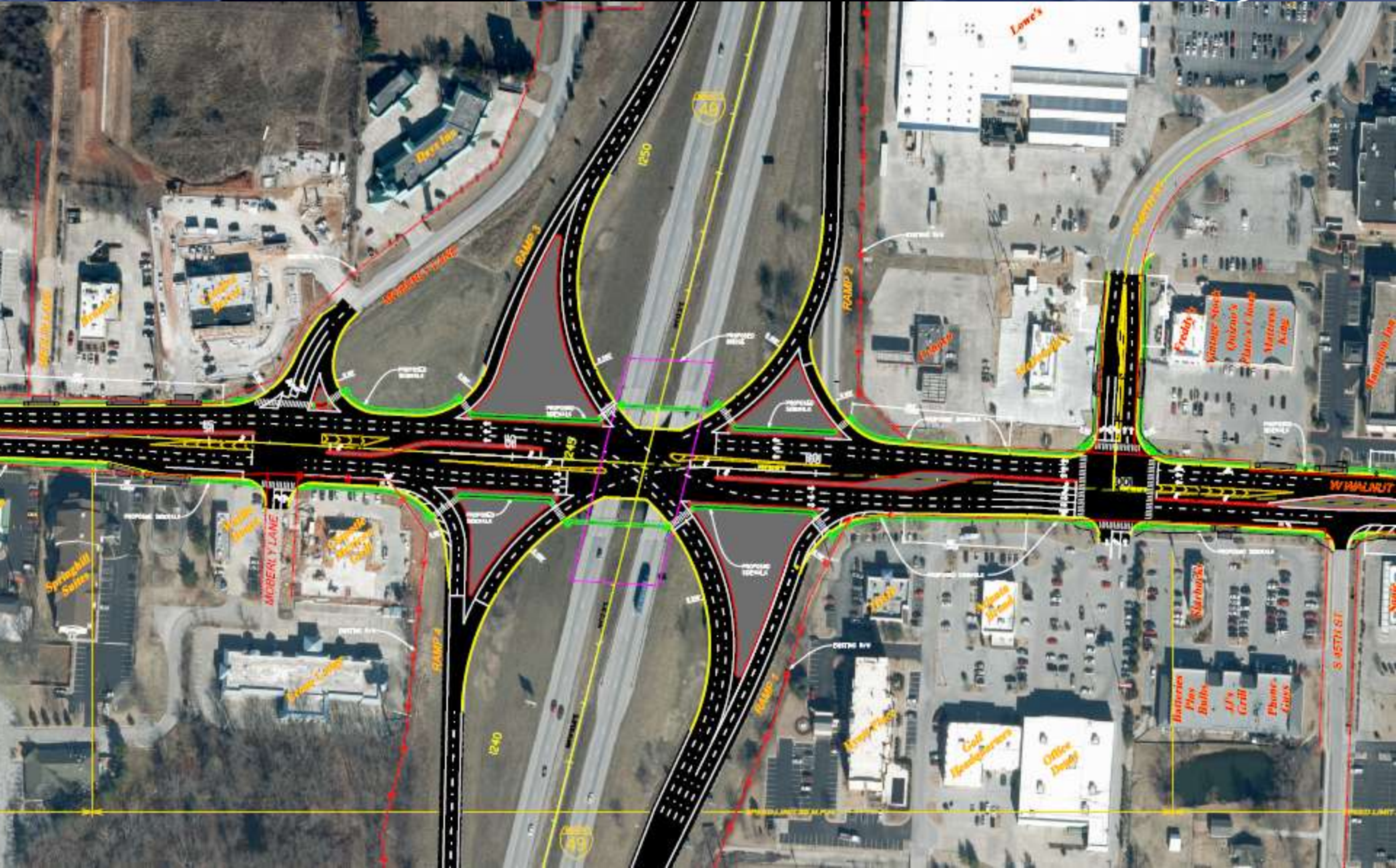


Job BB0903



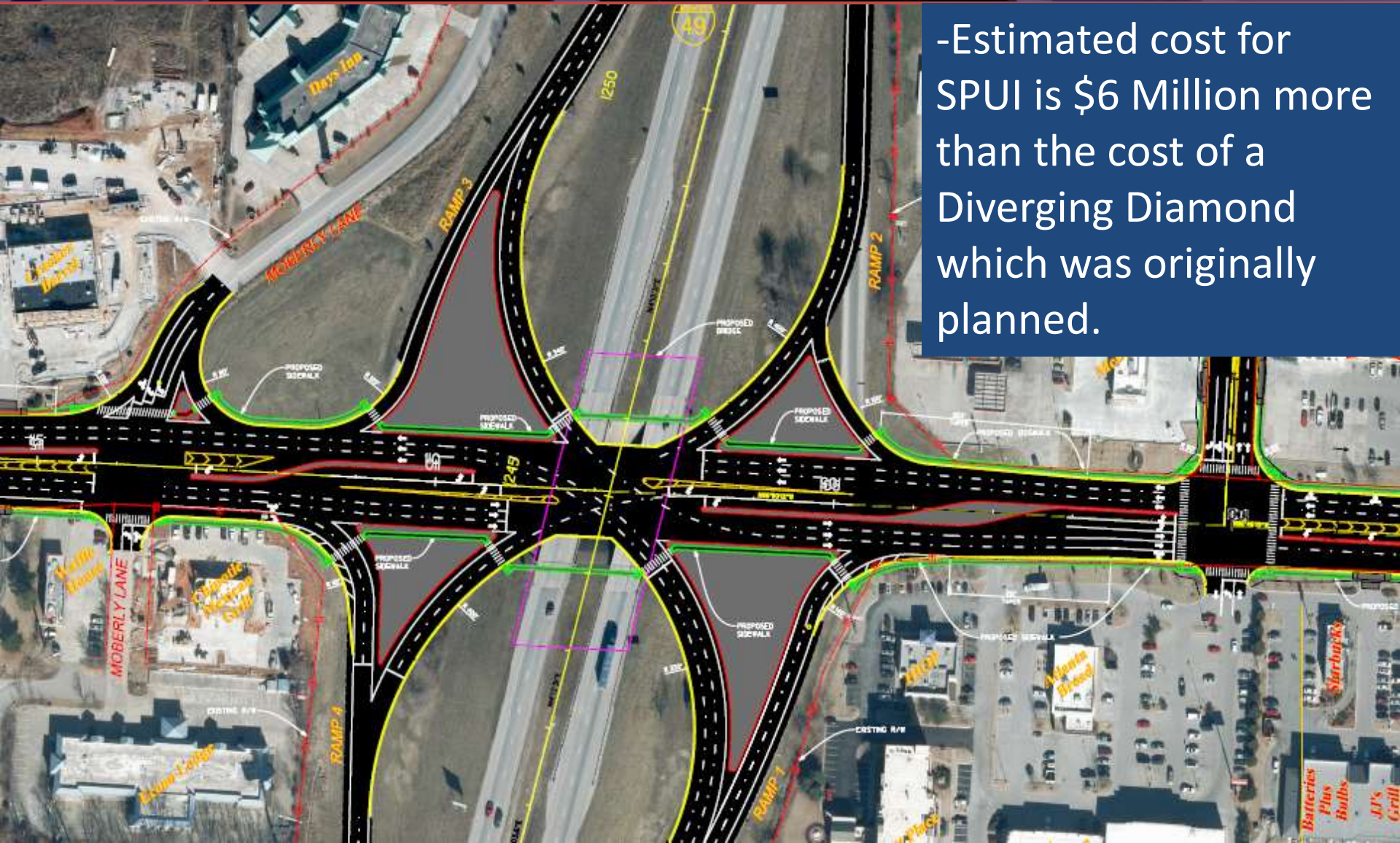


Job BB0903





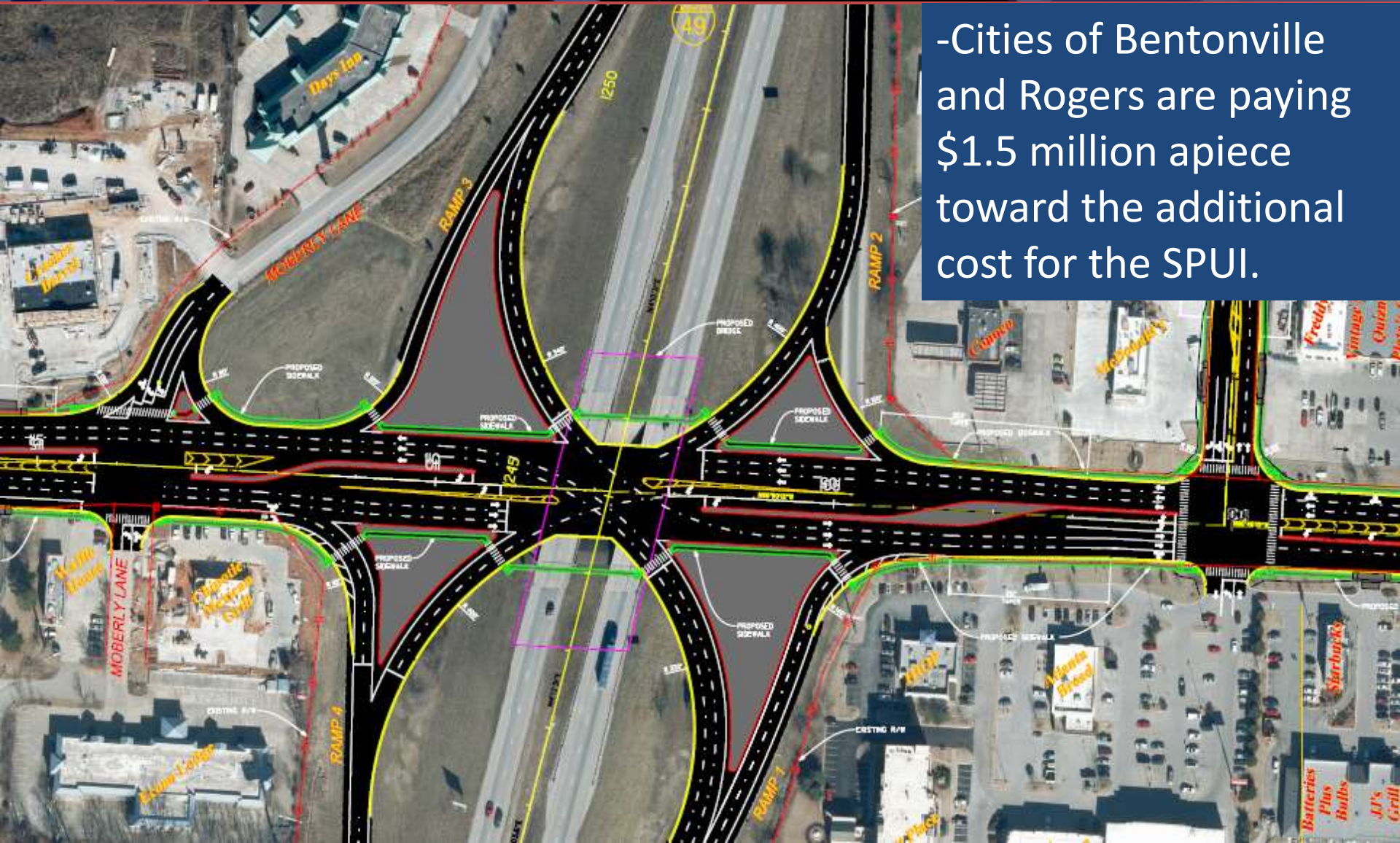
Job BB0903



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



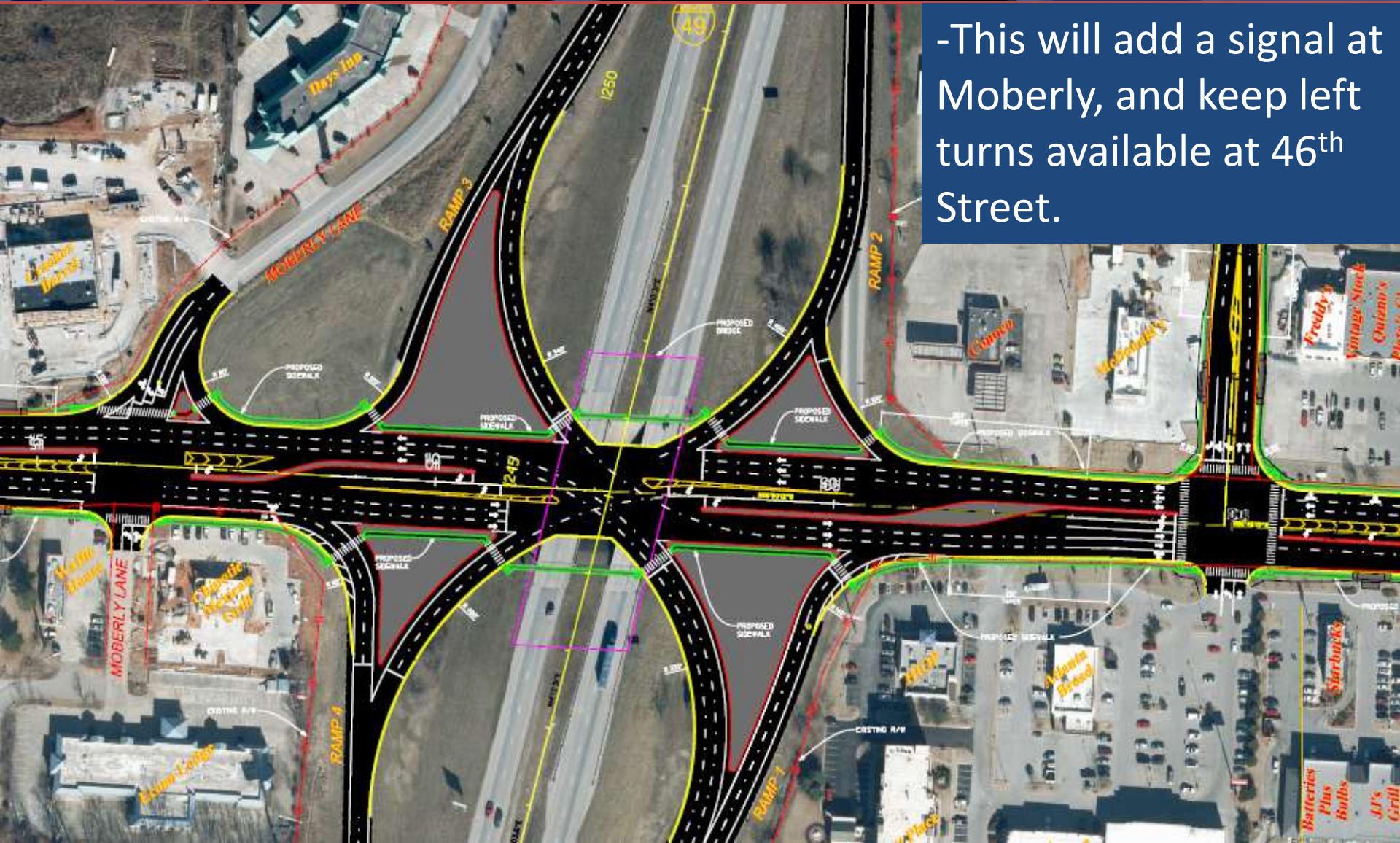
Job BB0903



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



Job BB0903



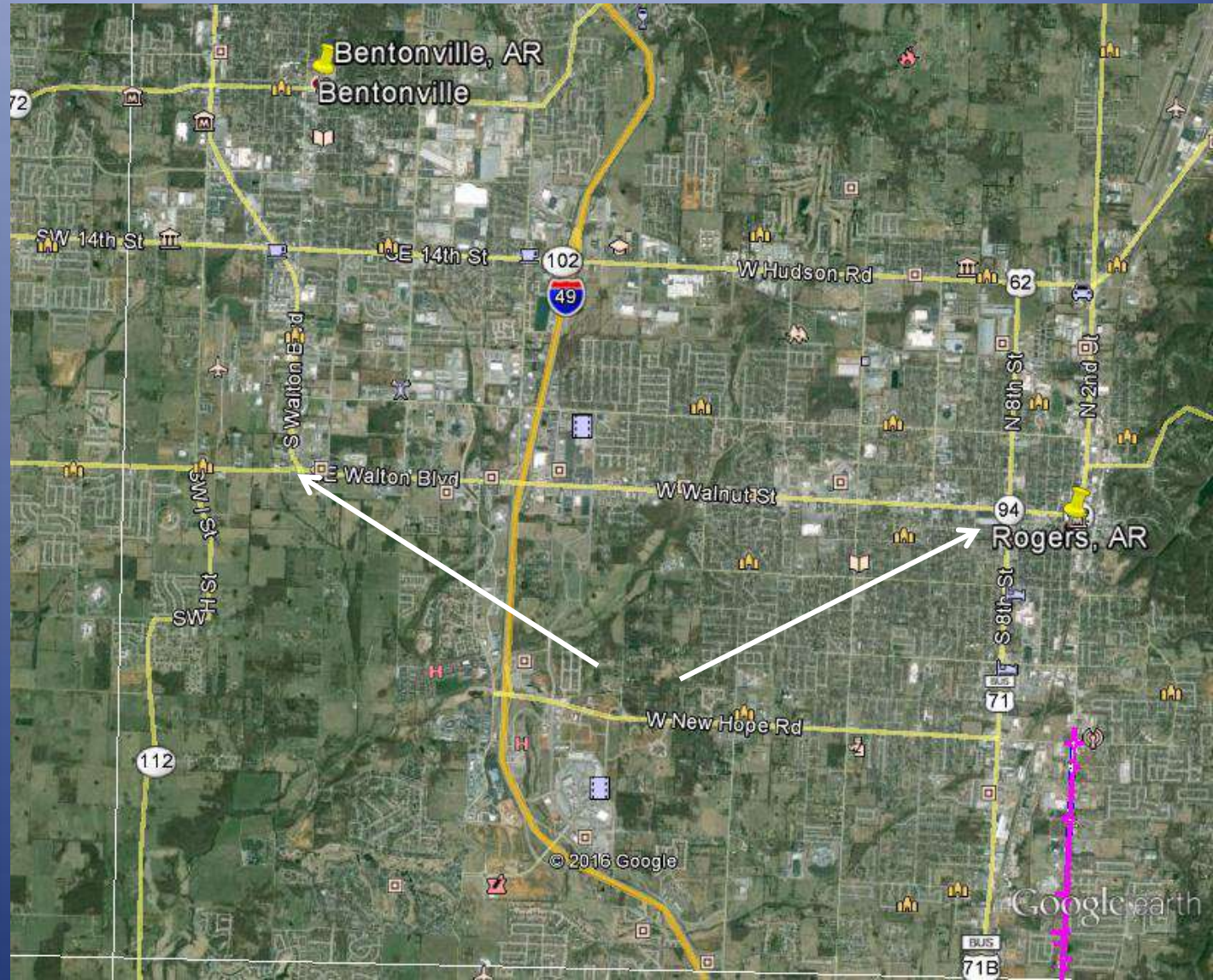
-This will add a signal at Moberly, and keep left turns available at 46th Street.



Job BB0903

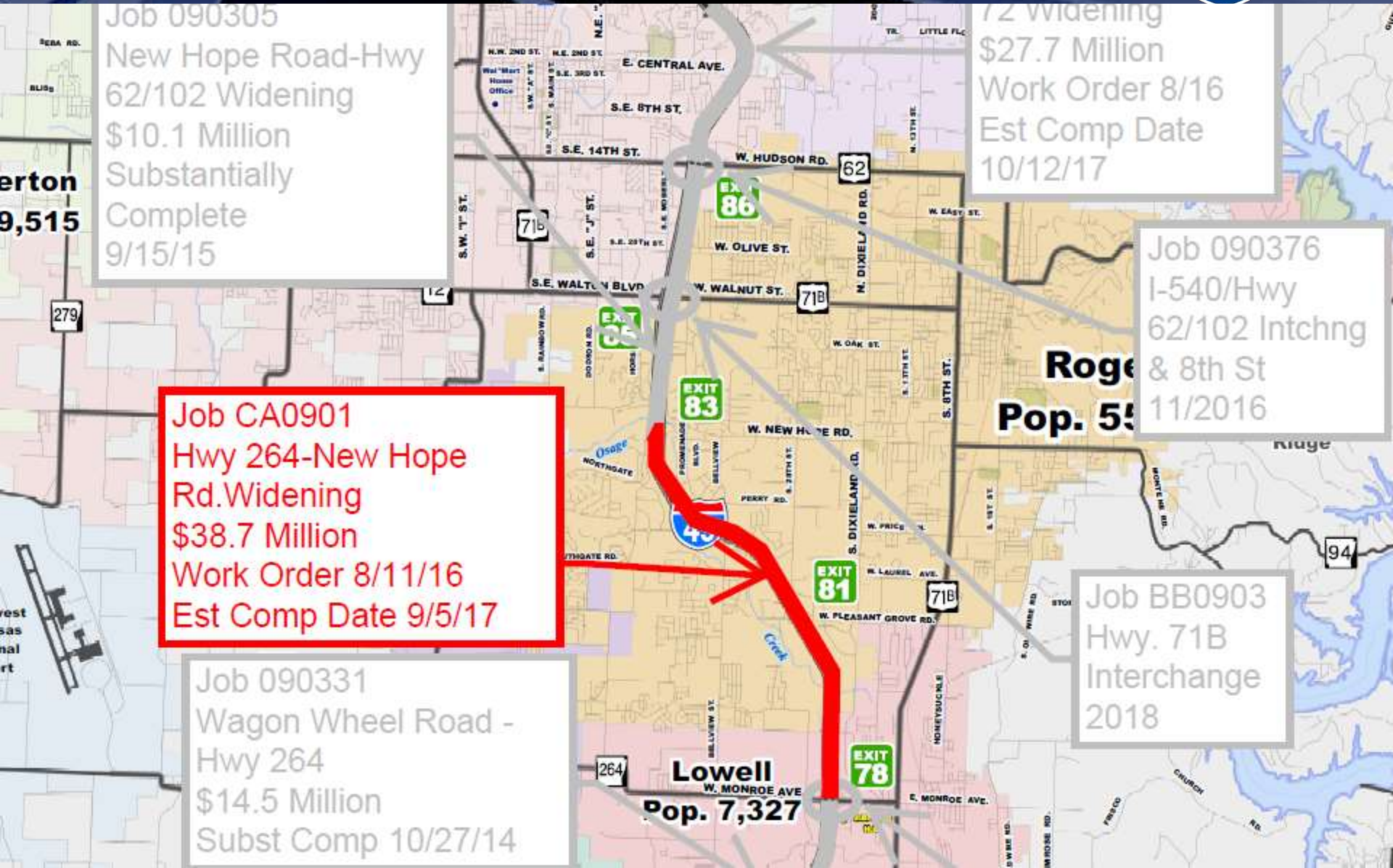


-The Cities will assume responsibility for Hwy 71B between 8th Street and Rainbow Curve.





Job CA0901



Job 090305
 New Hope Road-Hwy
 62/102 Widening
 \$10.1 Million
 Substantially
 Complete
 9/15/15

7/2 Widening
 \$27.7 Million
 Work Order 8/16
 Est Comp Date
 10/12/17

Job 090376
 I-540/Hwy
 62/102 Intchg
 & 8th St
 11/2016

Job CA0901
Hwy 264-New Hope
Rd.Widening
\$38.7 Million
Work Order 8/11/16
Est Comp Date 9/5/17

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

Job BB0903
 Hwy. 71B
 Interchange
 2018

Lowell
 W. MONROE AVE
 Pop. 7,327

Rogers
 Pop. 55,000



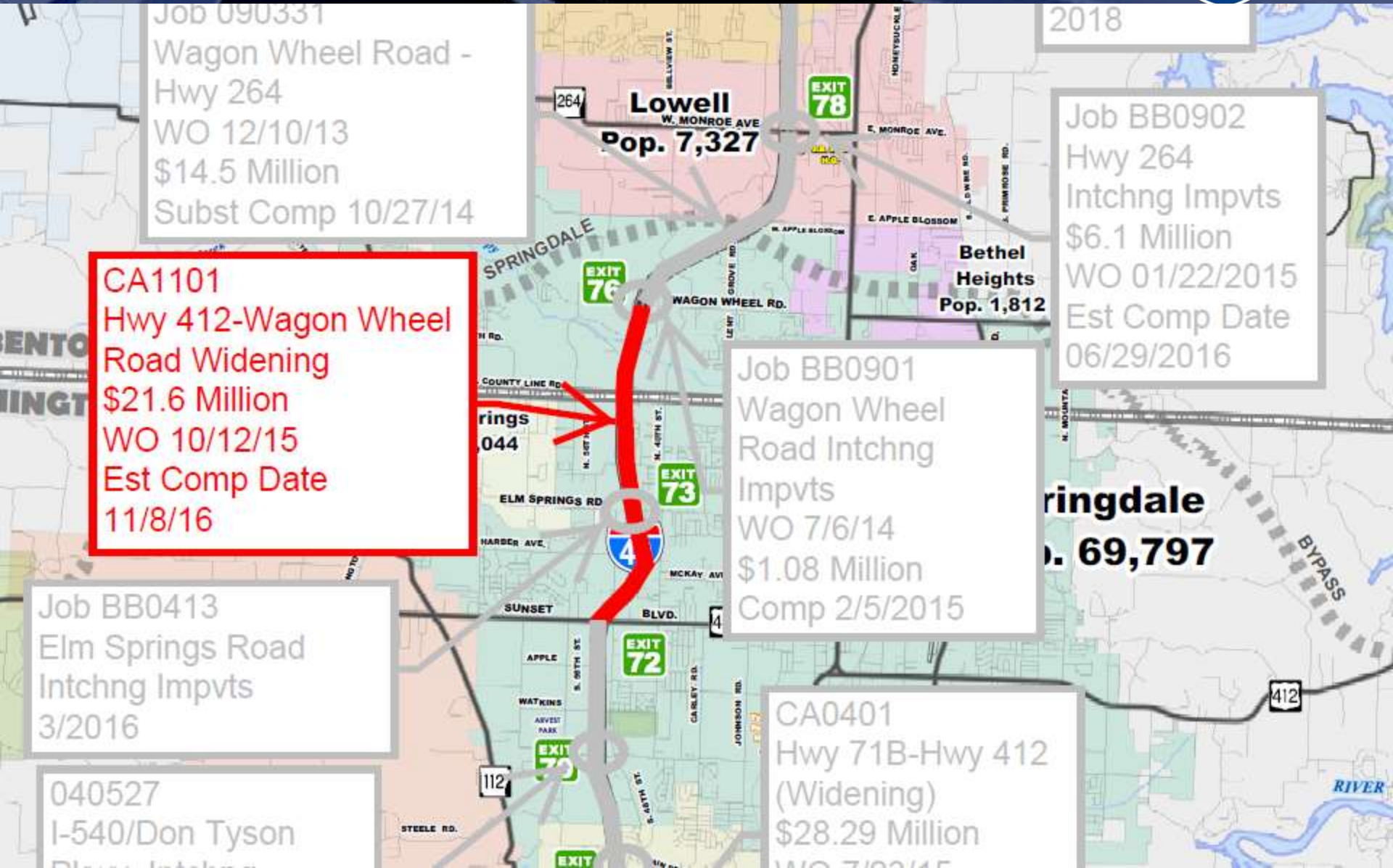
Job CA0901



- Widening to 6 lanes from Highway 264 to New Hope Road
- Contract Amount \$38.7 Million
- APAC -Central
- 8.3% of Work Complete
- Used 2.8% of the contract time (11/390)
- Estimated Completion 09/05/17



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

040527
I-540/Don Tyson
Plaza Intchg

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

Lowell
W. MONROE AVE
Pop. 7,327

Bethel Heights
Pop. 1,812

Springdale
Pop. 69,797

EXIT 78
EXIT 76
EXIT 73
EXIT 72
EXIT 71

264
4
412

WAGON WHEEL RD.
ELM SPRINGS RD.
SUNSET BLVD.

W. MONROE AVE.
E. MONROE AVE.
E. APPLE BLOSSOM
W. APPLE BLOSSOM
HONEYBUCKLE
OAK
LEWIS RD.
A. PRIMROSE RD.
N. 40TH ST.
N. 42TH ST.
N. 44TH ST.
S. 60TH ST.
W. 40TH ST.
W. 42TH ST.
W. 44TH ST.
W. 46TH ST.
W. 48TH ST.
W. 50TH ST.
W. 52TH ST.
W. 54TH ST.
W. 56TH ST.
W. 58TH ST.
W. 60TH ST.
W. 62TH ST.
W. 64TH ST.
W. 66TH ST.
W. 68TH ST.
W. 70TH ST.
W. 72TH ST.
W. 74TH ST.
W. 76TH ST.
W. 78TH ST.
W. 80TH ST.
W. 82TH ST.
W. 84TH ST.
W. 86TH ST.
W. 88TH ST.
W. 90TH ST.



Job CA1101



- Contract Amount \$21.6 Million
- APAC -Central
- 86.3% of Work Complete
- Used 71.7% of the contract time (99/138)
- Estimated Completion 11/8/16



Job BB0413



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

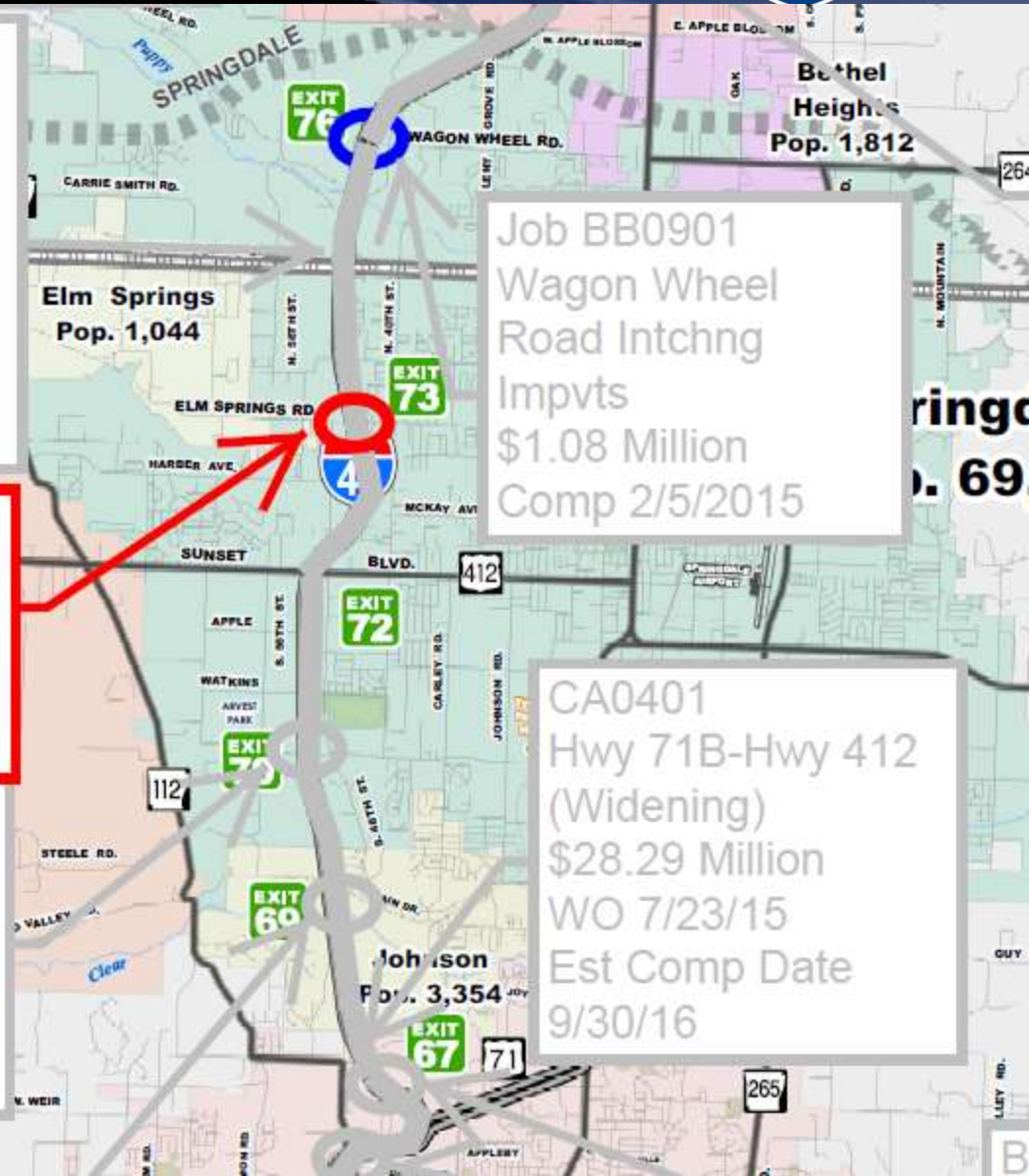
Job BB0901
Wagon Wheel
Road Intchg
Impvts
\$1.08 Million
Comp 2/5/2015

Job BB0413
Elm Springs Road Intchg Impvts
\$6.3 Million
Work Order 5/18/16
Est Comp Date 6/7/17

040527
I-540/Don Tyson Pkwy.
Intchg (Springdale)
\$11.17 Million
Subst Comp 7/14

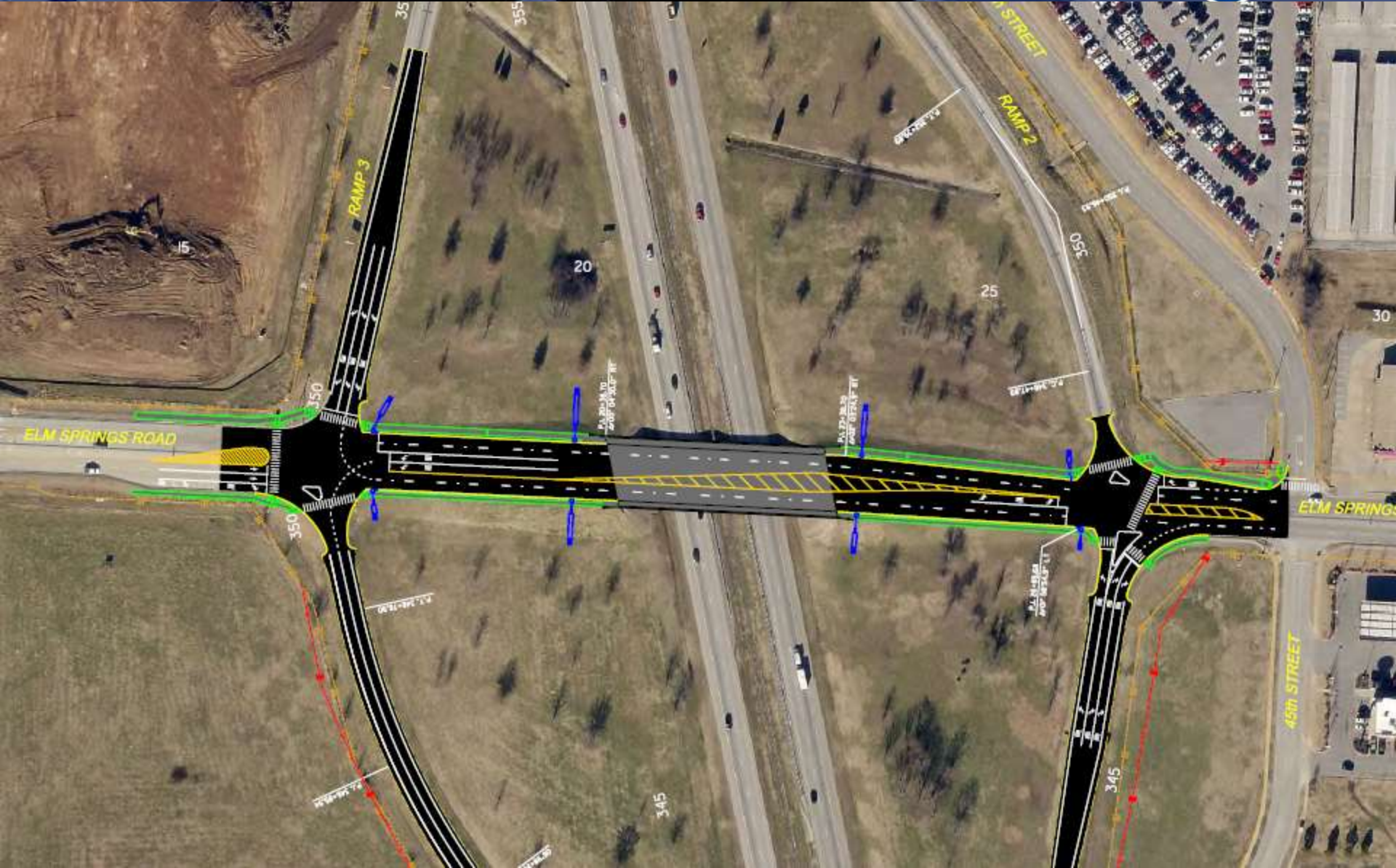
CA0401
Hwy 71B-Hwy 412
(Widening)
\$28.29 Million
WO 7/23/15
Est Comp Date
9/30/16

Job BB0412





Job BB0413





Job BB0413



- Contract Amount \$6.3 Million
- Manhattan Road & Bridge
- 23.6% of Work Complete
- Used 32.1% of the contract time (155/195)
- Estimated Completion 06/07/17



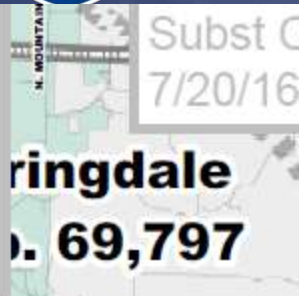
Job CA0401



WASHINGTON
\$21.6 Million
WO 10/12/15
Est Comp Date
11/8/16



Wagon Wheel
Road Intchn
Impvts
\$1.08 Million
Comp 2/5/2015



Subst
7/20/16
Springdale
Pop. 69,797

Job BB0413
Elm Springs Road Intchn
Impvts
\$6.3 Million
Work Order 5/18/16
Est Comp Date 6/7/17



CA0401
Hwy 71B-Hwy 412
(Widening)
\$28.29 Million
WO 7/23/15
Est Comp Date
9/30/16



040527
I-540/Don Tyson
Pkwy. Intchn
(Springdale)
\$11.17 Million
Subst Comp 7/14

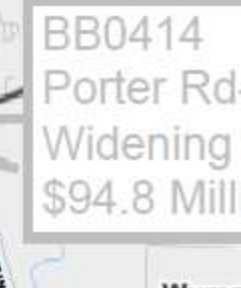


040605

Job BB0412
Johnson Mill Blvd Intchn
Impvts
\$1.2 Million
Subst Comp 12/14/15



BB0414
Porter Rd
Widening
\$94.8 Mill





Job CA0401



- Contract Amount \$28.3 Million
- APAC -Central
- 96.7% of Work Complete
- Used 79.5% of the contract time (155/195)
- Estimated Completion 09/30/16



Job BB0414



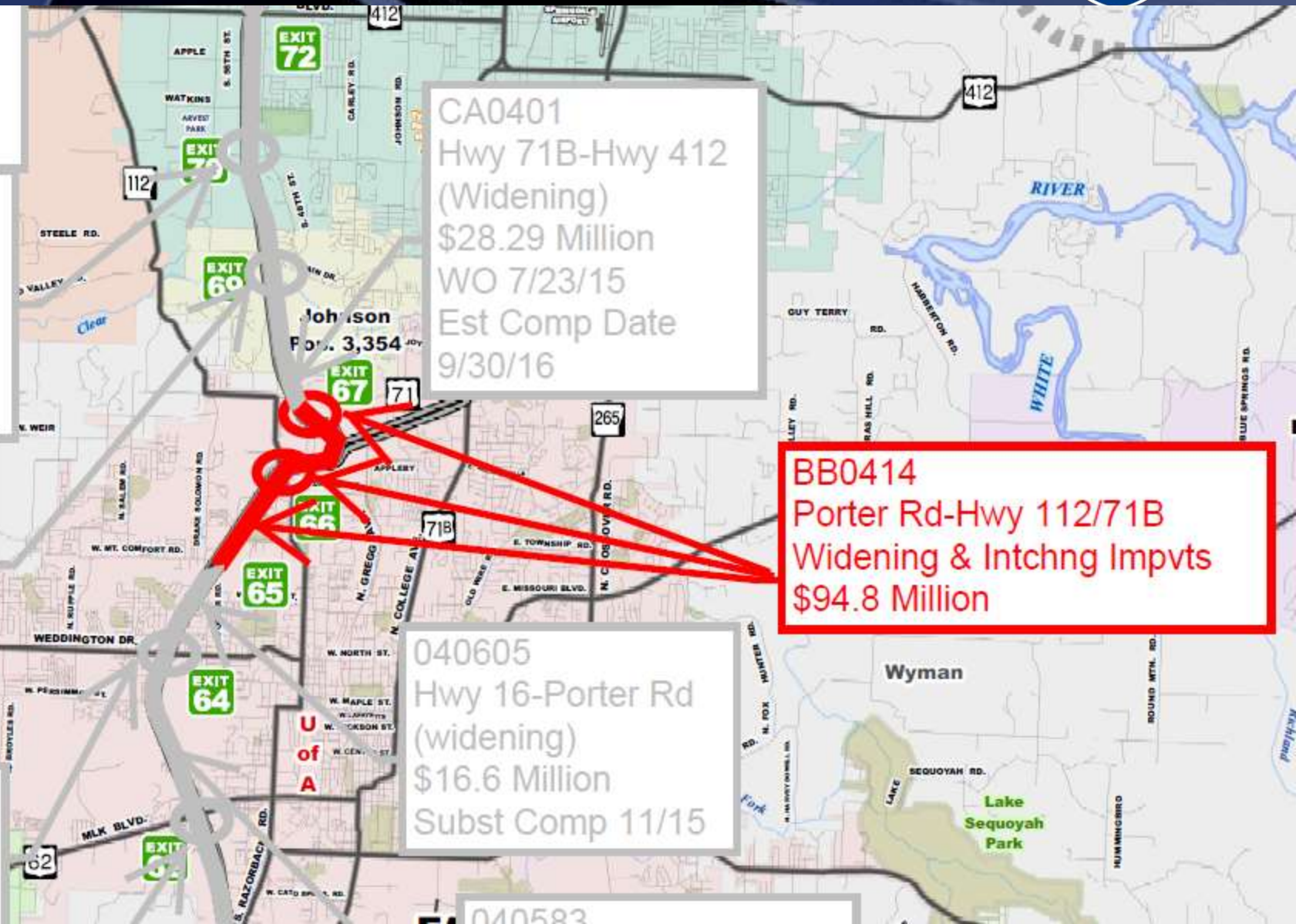
ing Impvts

a Tyson
chng
le)
illion
mp 7/14

d Intchng

4/15

411
16/112
ng Impvts



CA0401
Hwy 71B-Hwy 412
(Widening)
\$28.29 Million
WO 7/23/15
Est Comp Date
9/30/16

BB0414
Porter Rd-Hwy 112/71B
Widening & Intchng Impvts
\$94.8 Million

040605
Hwy 16-Porter Rd
(widening)
\$16.6 Million
Subst Comp 11/15

040583



Job BB0414



- Contract Amount \$94.8 Million
- Kiewit Infrastructure South
- Let to contract 08/10/16.
- Bid 450 Working Days to do the work.
- One contractor bid 900 days to do the work for basically same amount of money.
- Widen I-49 to 6 lanes and improve interchange at Hwy 112/71B by separating exiting/entering traffic from through traffic, thus reducing and simplifying weaving movements and merge points



Job BB0414





Job BB0414





Job BB0410



Job BB0412
Johnson Mill Blvd Intchg
Impvts
1.2 Million
Subst Comp 12/14/15

BB0414
Porter Rd-Hwy 1
Widening & Intch
\$94.8 Million

BB0411
Hwy 16/112
Intchg Impvts
2019

Farm
Pop.

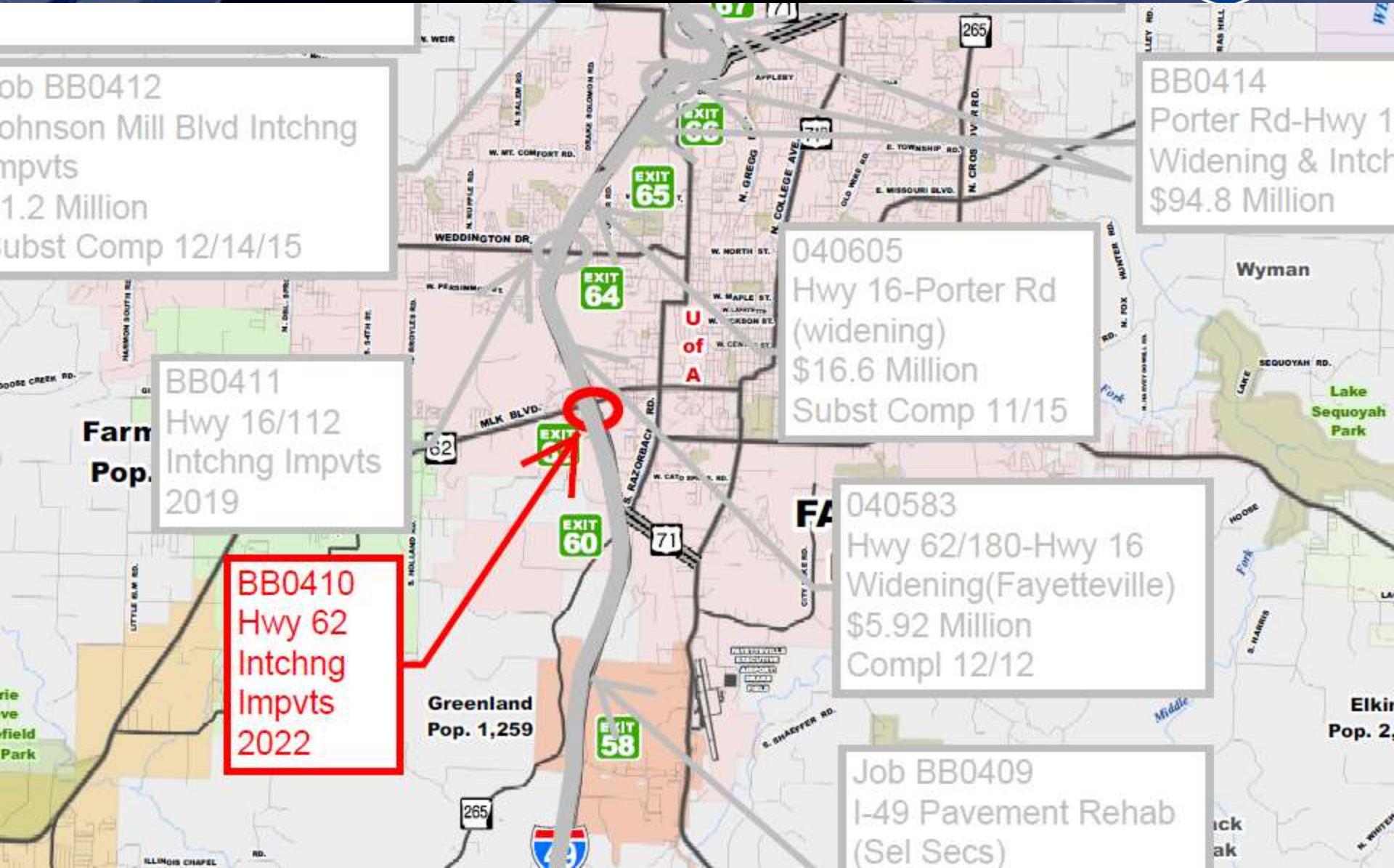
BB0410
Hwy 62
Intchg
Impvts
2022

Greenland
Pop. 1,259

040605
Hwy 16-Porter Rd
(widening)
\$16.6 Million
Subst Comp 11/15

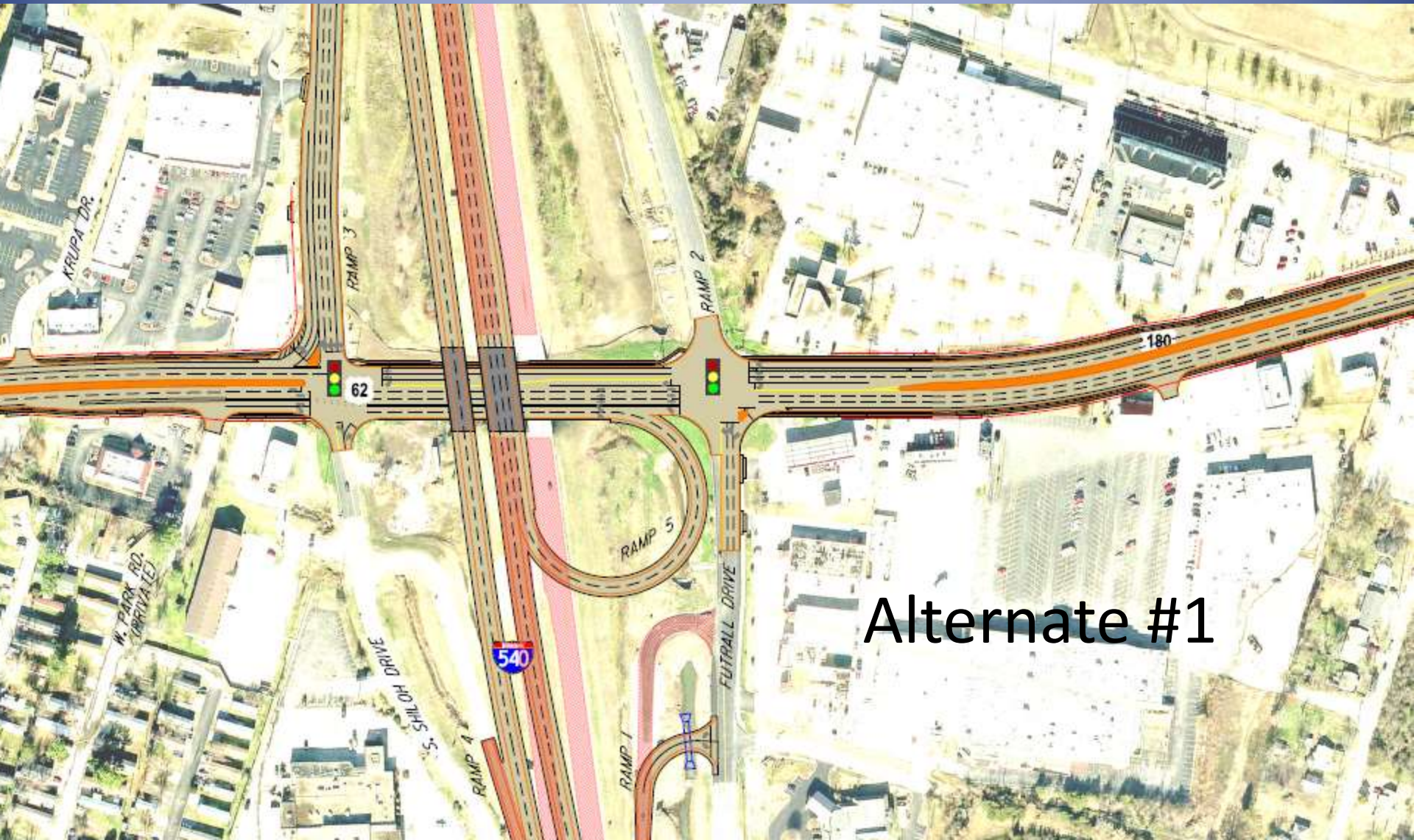
040583
Hwy 62/180-Hwy 16
Widening(Fayetteville)
\$5.92 Million
Compl 12/12

Job BB0409
I-49 Pavement Rehab
(Sel Secs)





Job BB0410



Alternate #1



Job BB0410



Alternate #2



Job BB0409



1.2 Million
Subst Comp 12/14/15

BB0411
Hwy 16/112
Intchnng Impvts
2019

Farm
Pop.

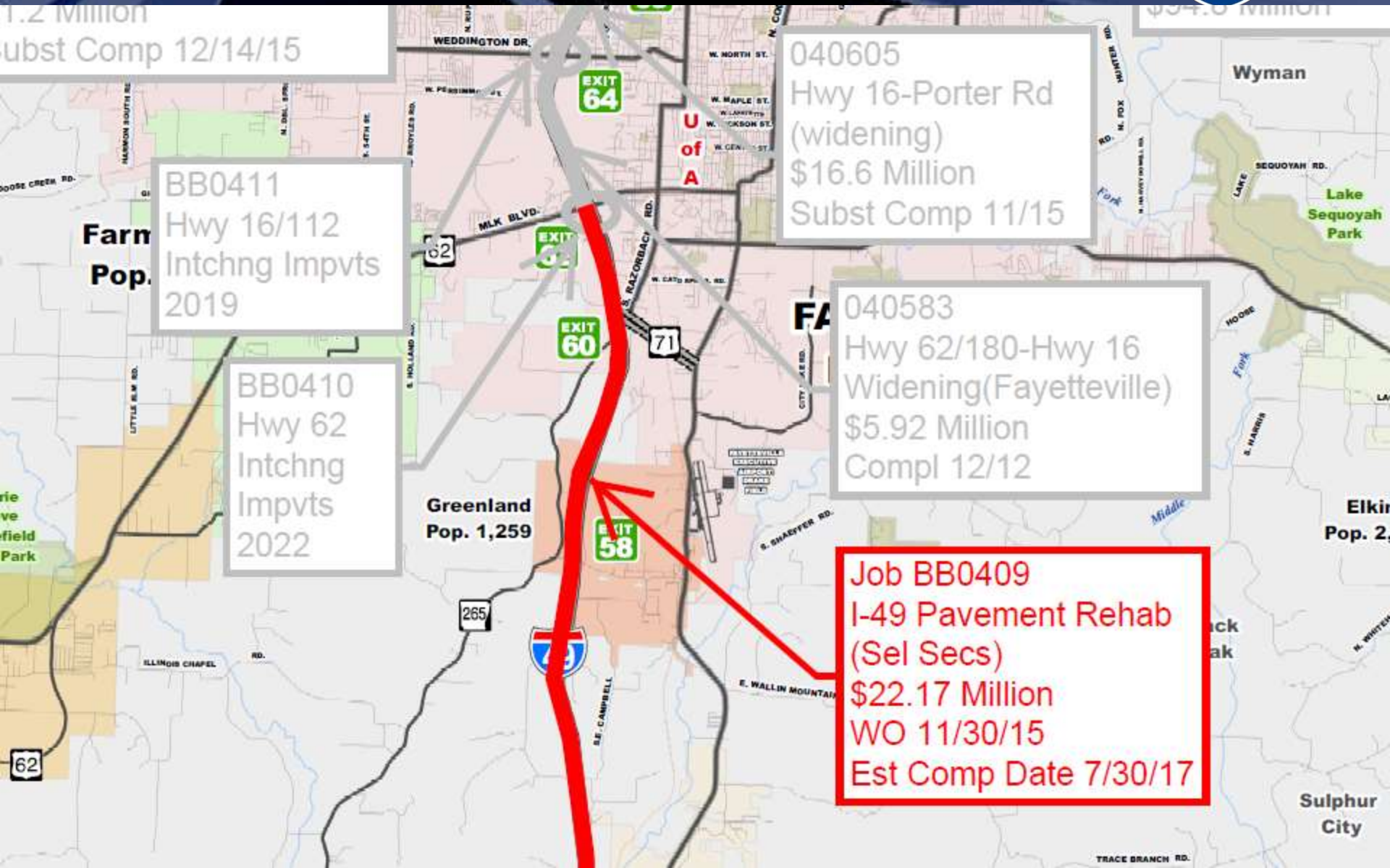
BB0410
Hwy 62
Intchnng
Impvts
2022

Greenland
Pop. 1,259

040605
Hwy 16-Porter Rd
(widening)
\$16.6 Million
Subst Comp 11/15

040583
Hwy 62/180-Hwy 16
Widening(Fayetteville)
\$5.92 Million
Compl 12/12

Job BB0409
I-49 Pavement Rehab
(Sel Secs)
\$22.17 Million
WO 11/30/15
Est Comp Date 7/30/17





Job BB0409



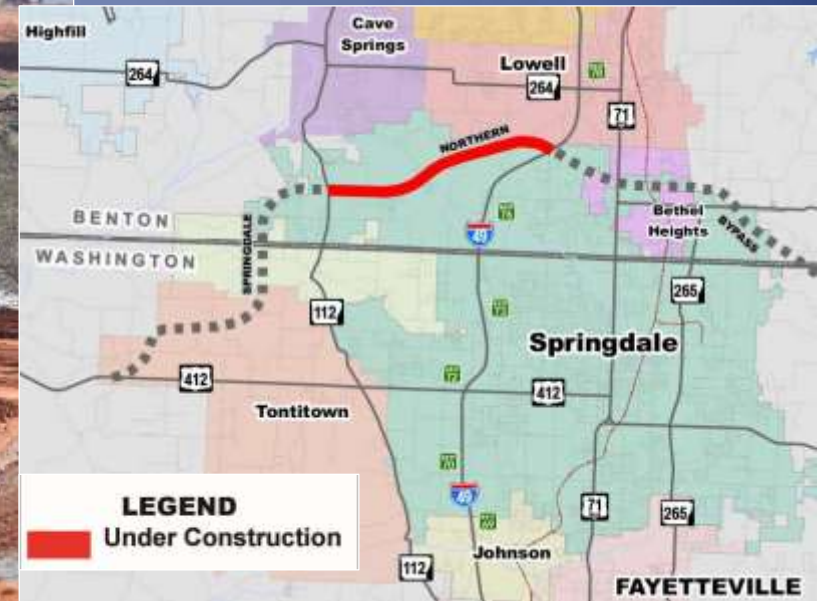
- Koss Construction
- \$22.2 Million
- Est Comp Date 7/30/17
- Rehabilitate 28 Miles of I-49 in Crawford and Washington Counties.
- R&D of Concrete Pavement, Patching Concrete, Grinding Concrete, and repairing asphalt shoulders.
- Repairing almost 2 miles of ASR damaged median barrier wall.
- Applying Silane Protective Surface Treatment to mitigate the effects of ASR in the concrete that is to remain in place.



Springdale Bypass (Hwy. 412)



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



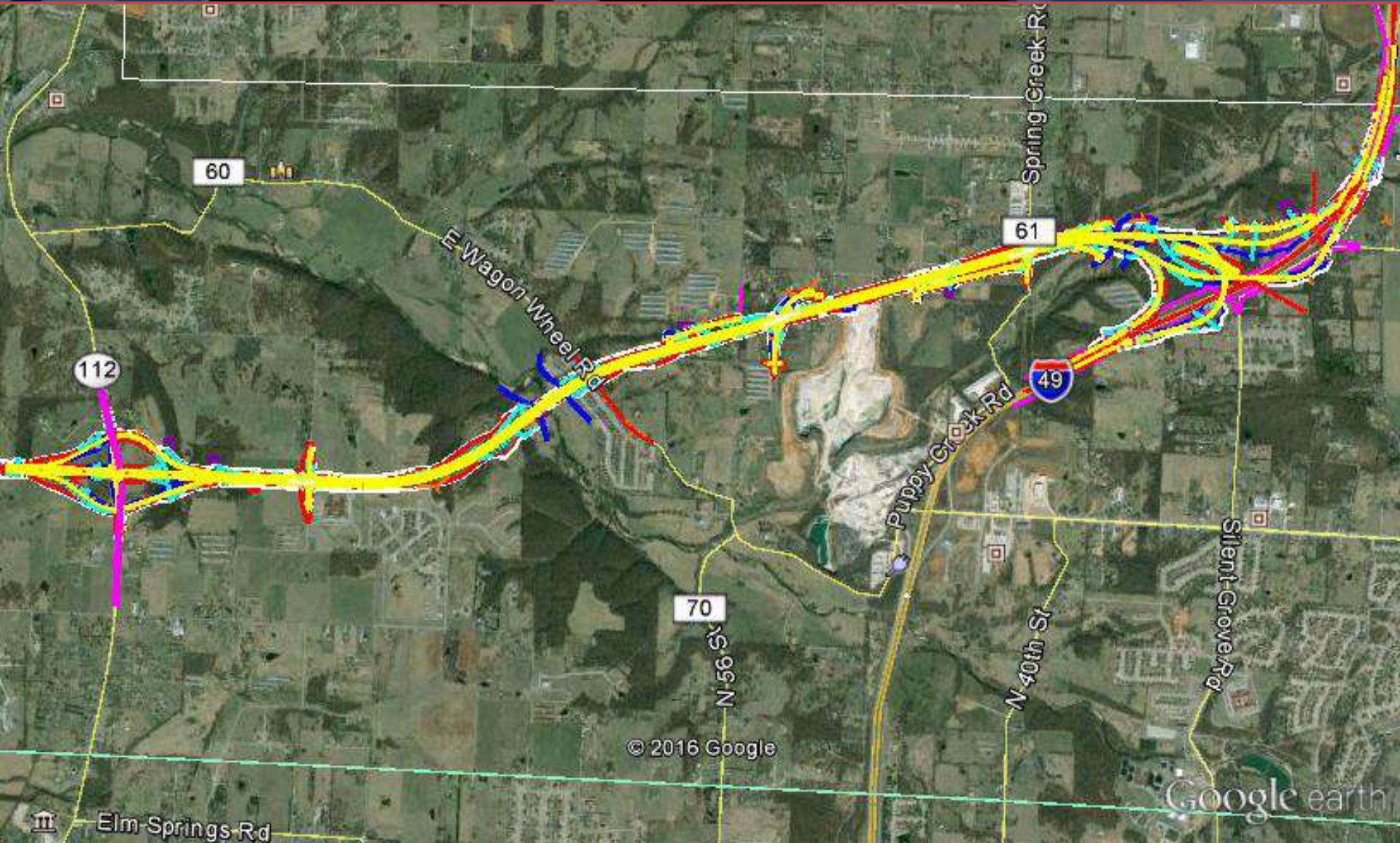


Job CA0907

- Eutaw Construction from Aberdeen, Mississippi
- 4.6 Miles long
- \$100.62 Million Contract Amount
- 51.7% of Work Complete
- 44.5% of Time (289/650)
- Estimated Completion Date 5/19/19

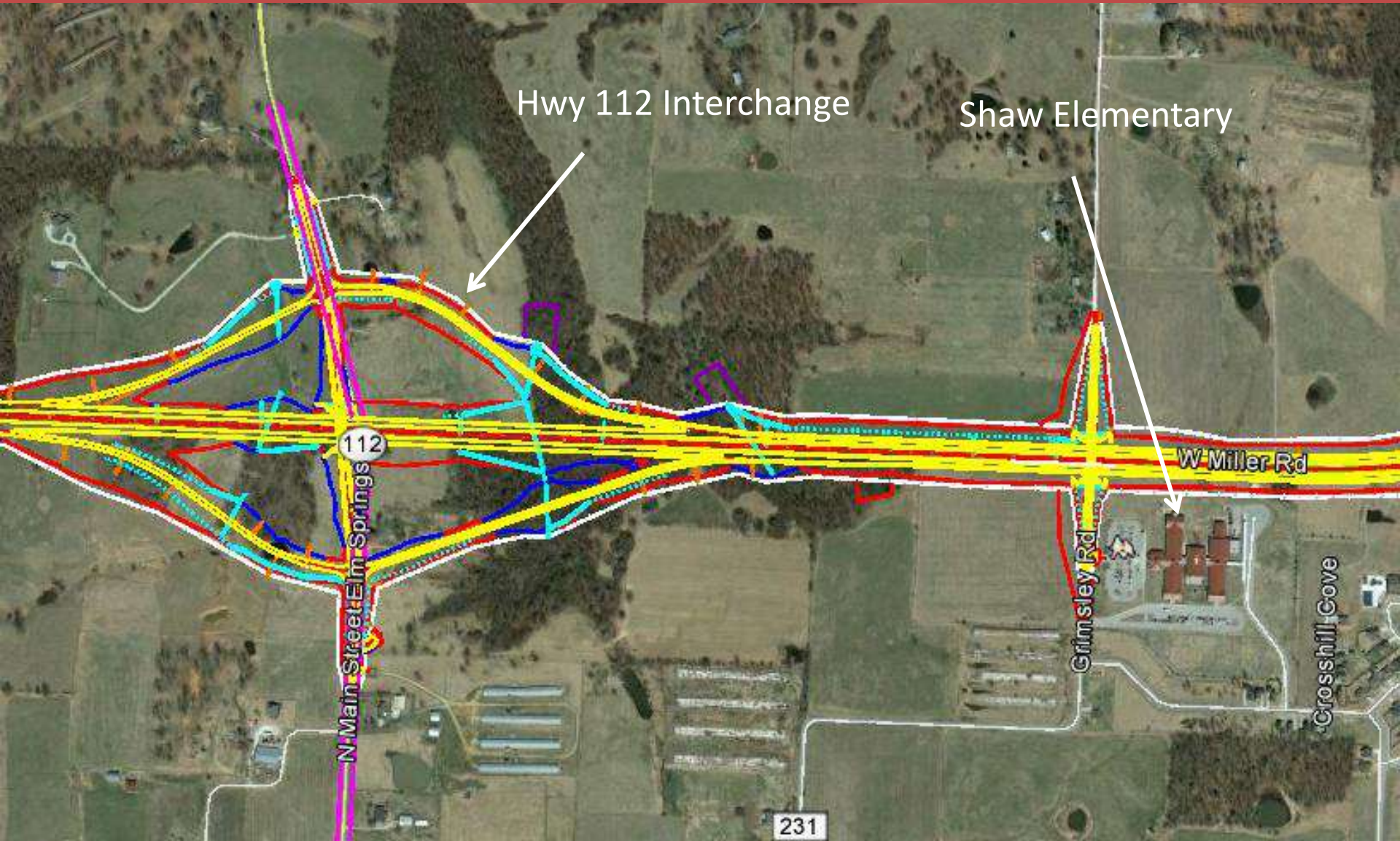


Job CA0907





Job CA0907



Hwy 112 Interchange

Shaw Elementary

N Main Street/Elm Springs

112

Grimsley Rd

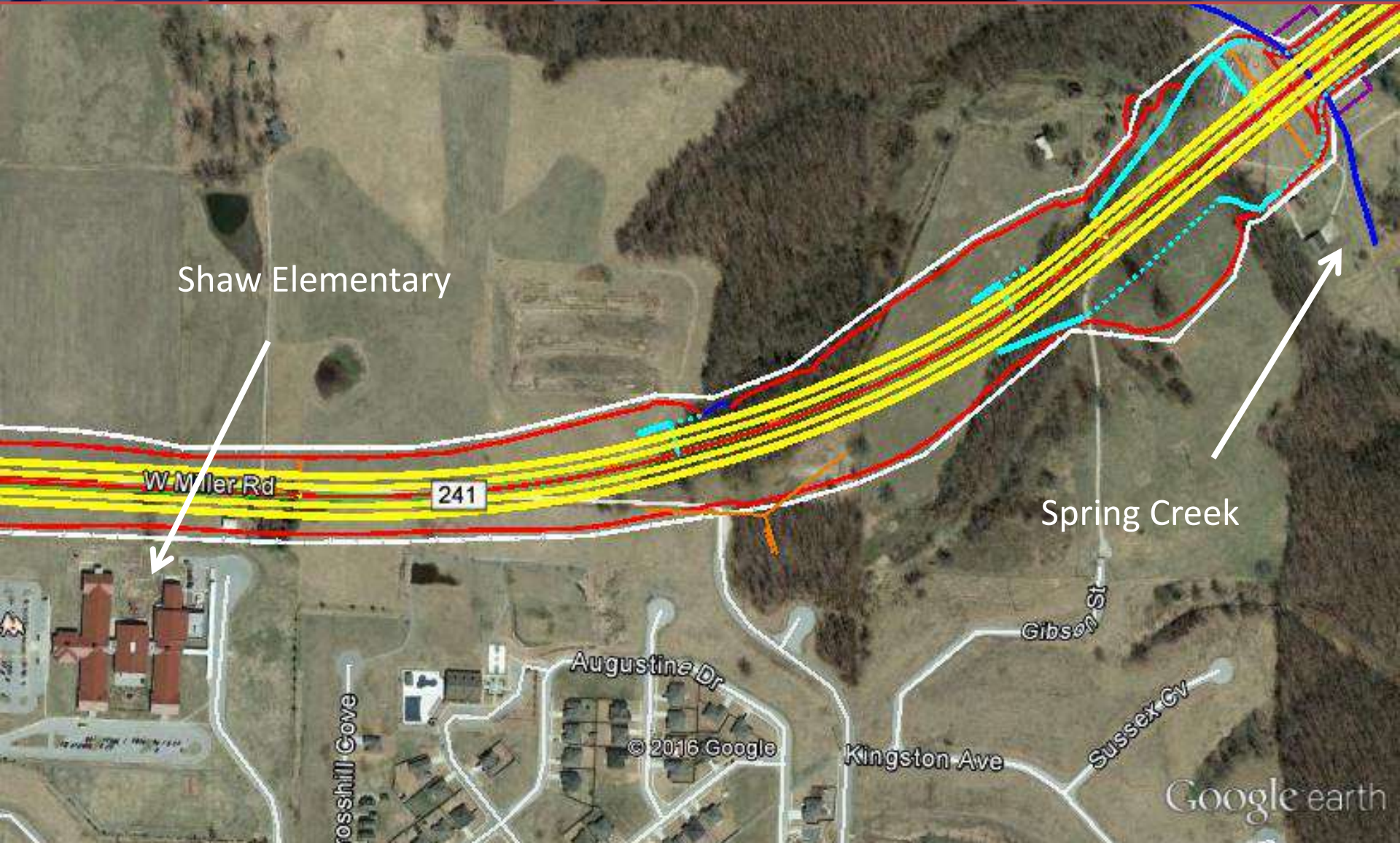
W Miller Rd

Crosshill Cove

231



Job CA0907



Shaw Elementary

W Miller Rd

241

Spring Creek

Gibson St

Augustine Dr

Kingston Ave

Sussex Cv

© 2016 Google

Google earth



Job CA0907



Spring Creek

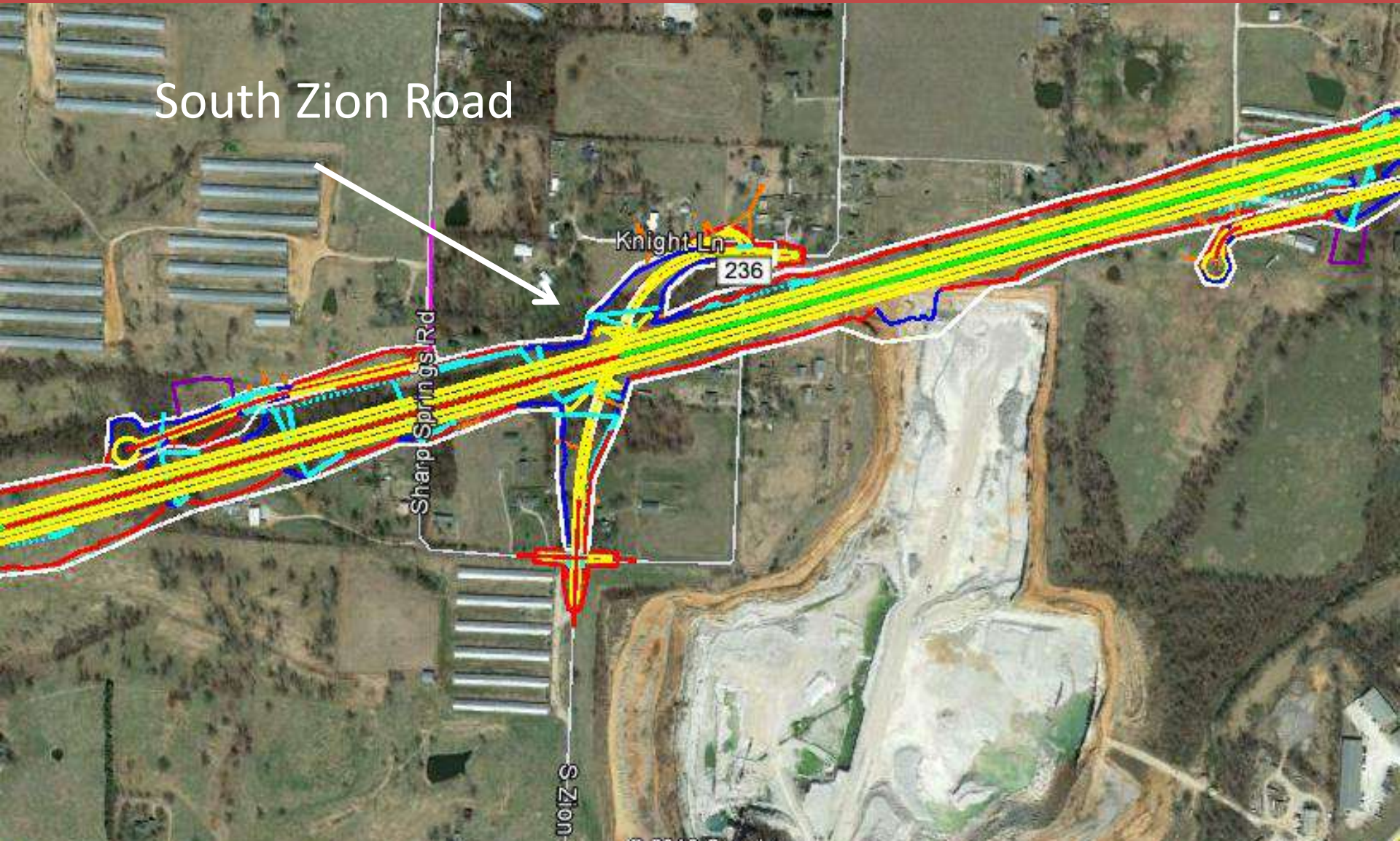
Wagon Wheel Road

© 2016 Google

Google earth



Job CA0907



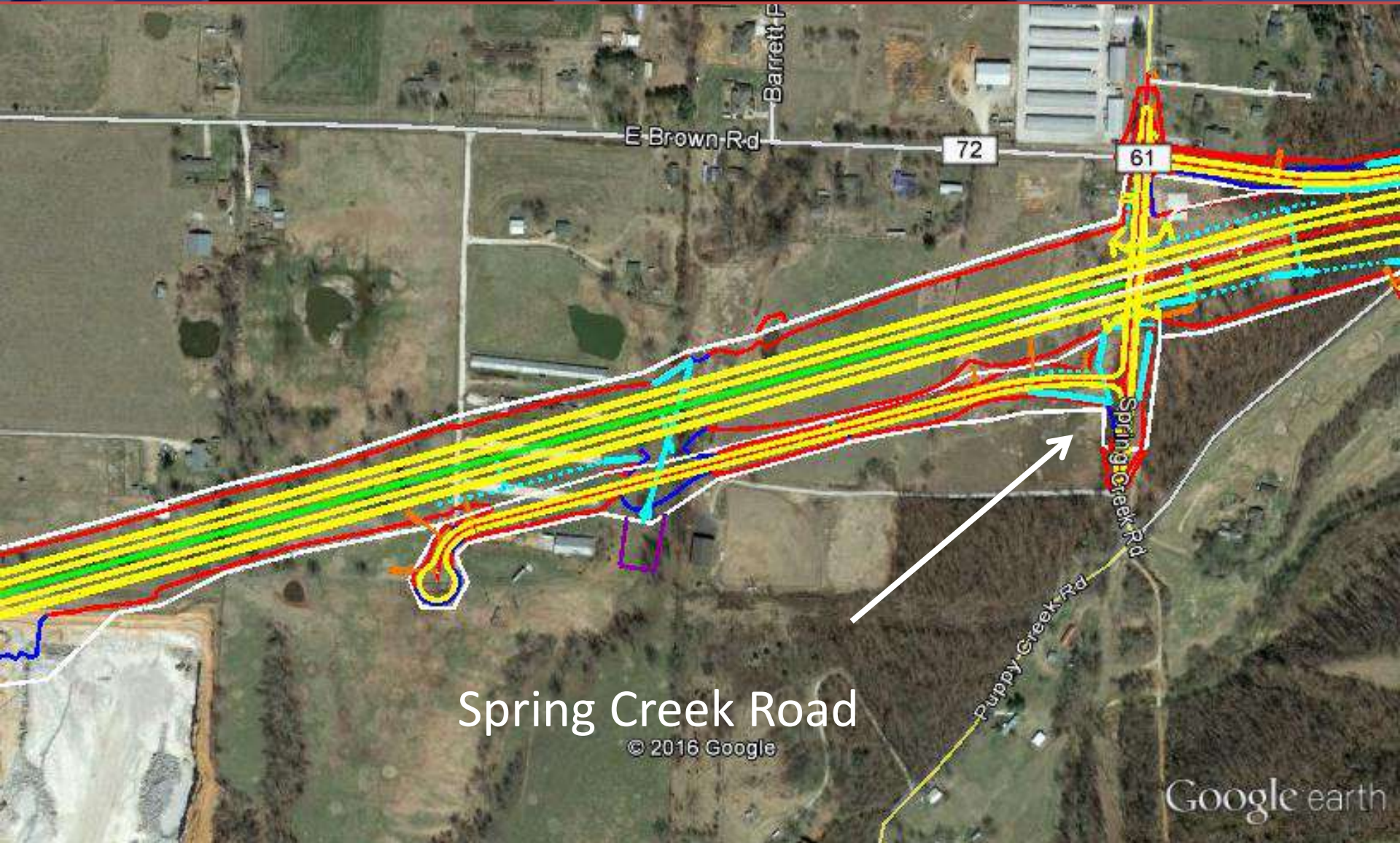


Job CA0907





Job CA0907



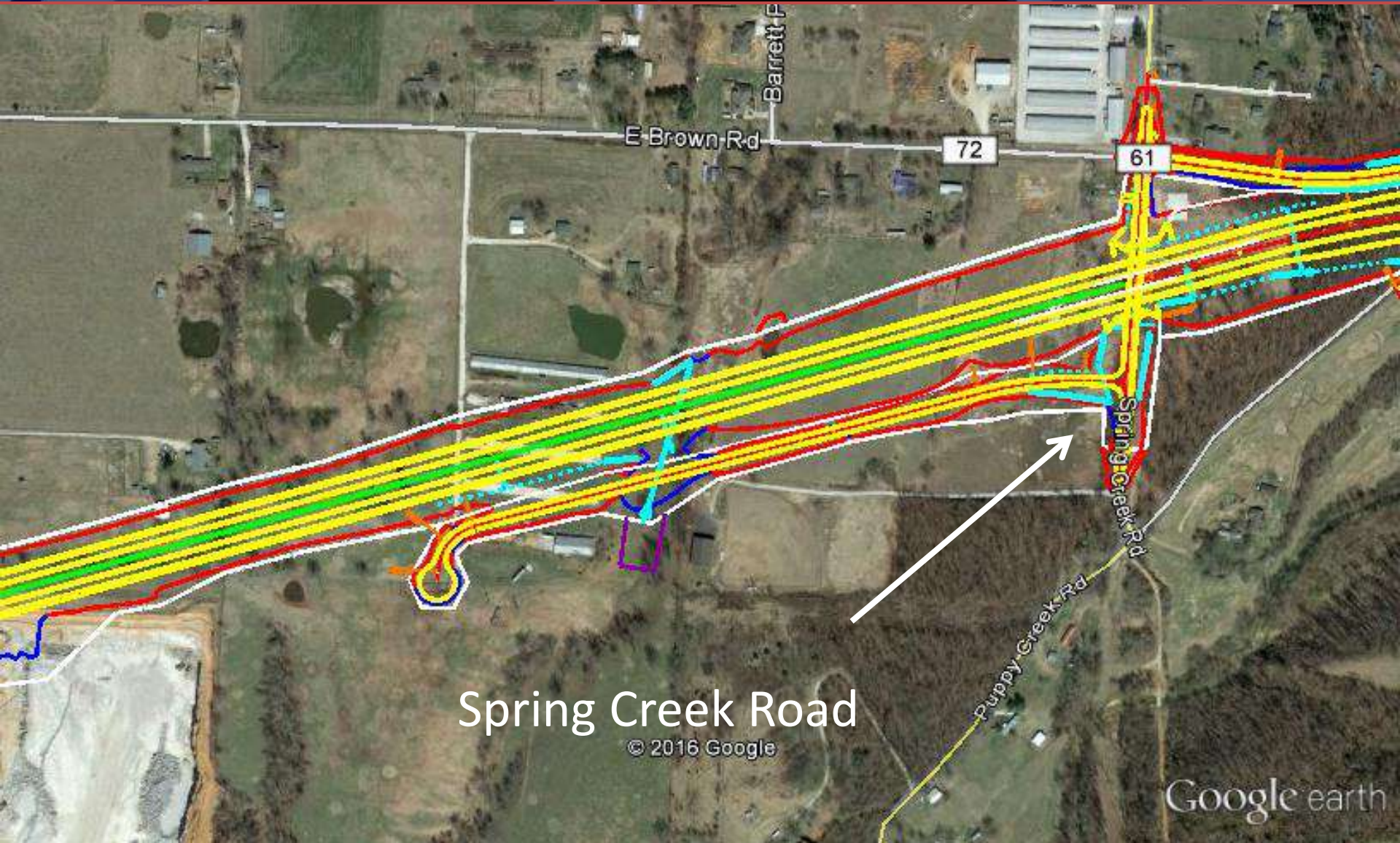
Spring Creek Road

© 2016 Google

Google earth



Job CA0907



Spring Creek Road

© 2016 Google

Google earth



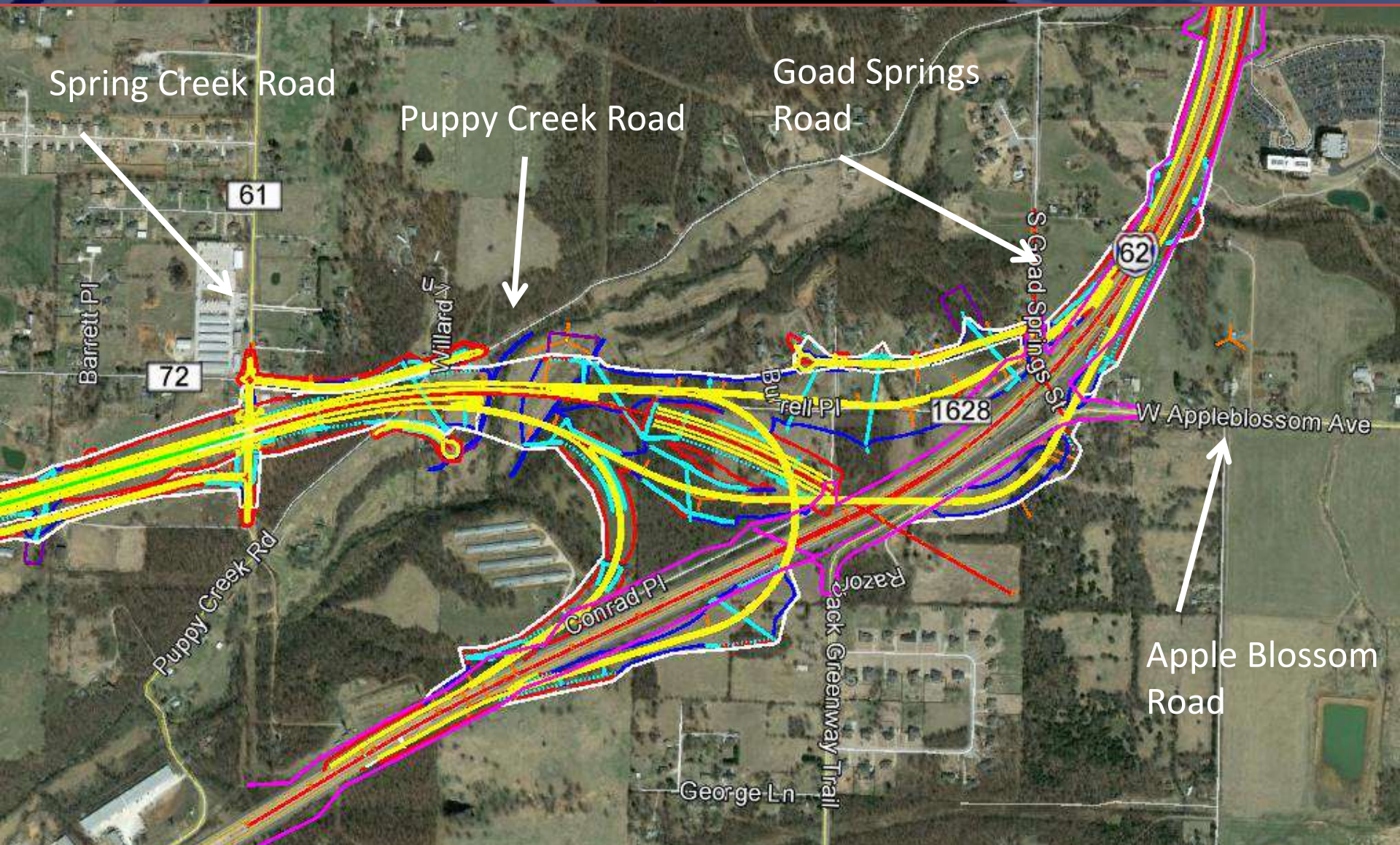
Job CA0907



Main Lanes & Ramp EN Bridges over Puppy Creek



Job CA0907





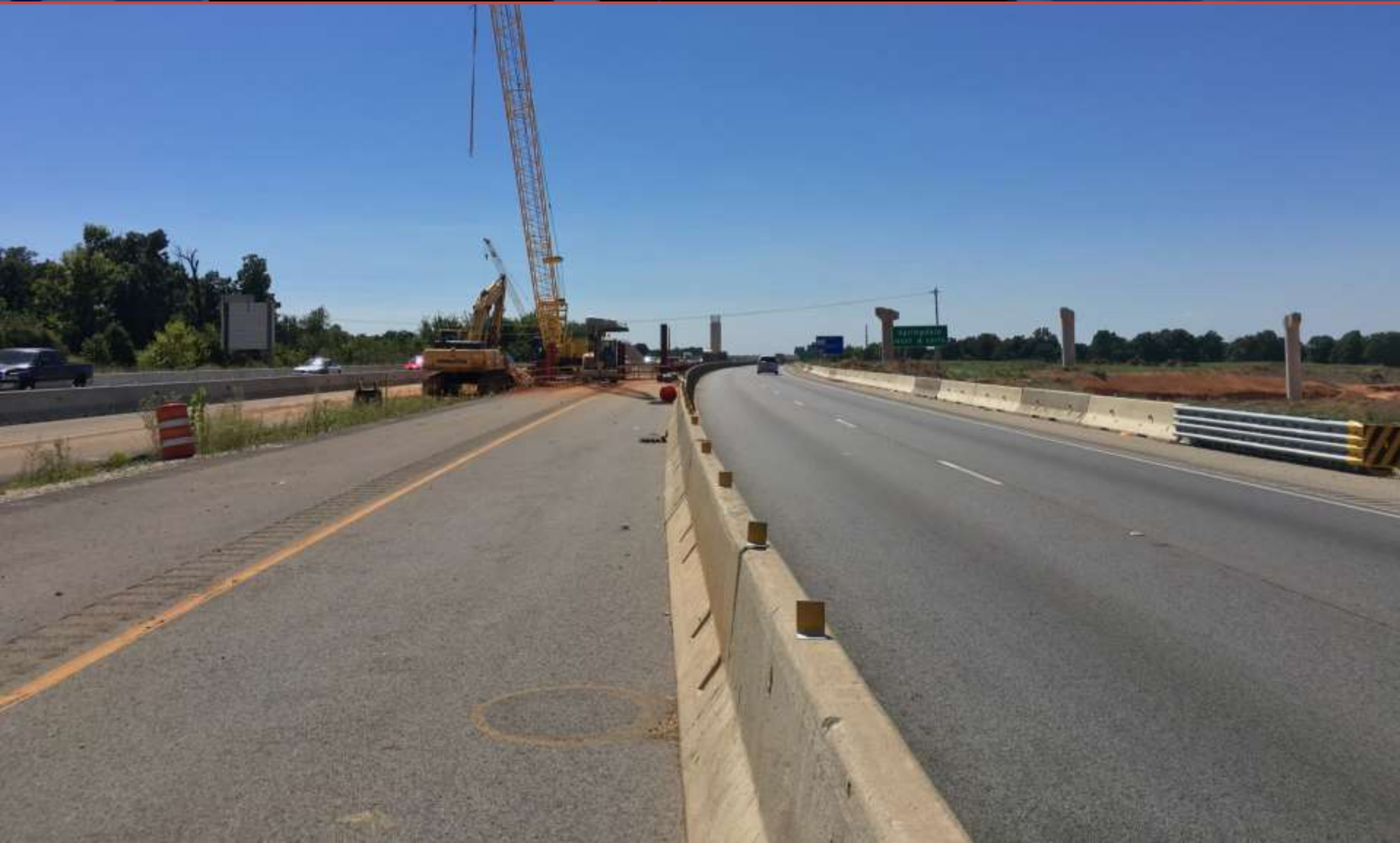
Job CA0907



Springdale Bypass - I49 Interchange - Ramp EN End Bent Piling



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
- ✓ **Current STIP**
 - 4.6 Miles
 - \$23 Million



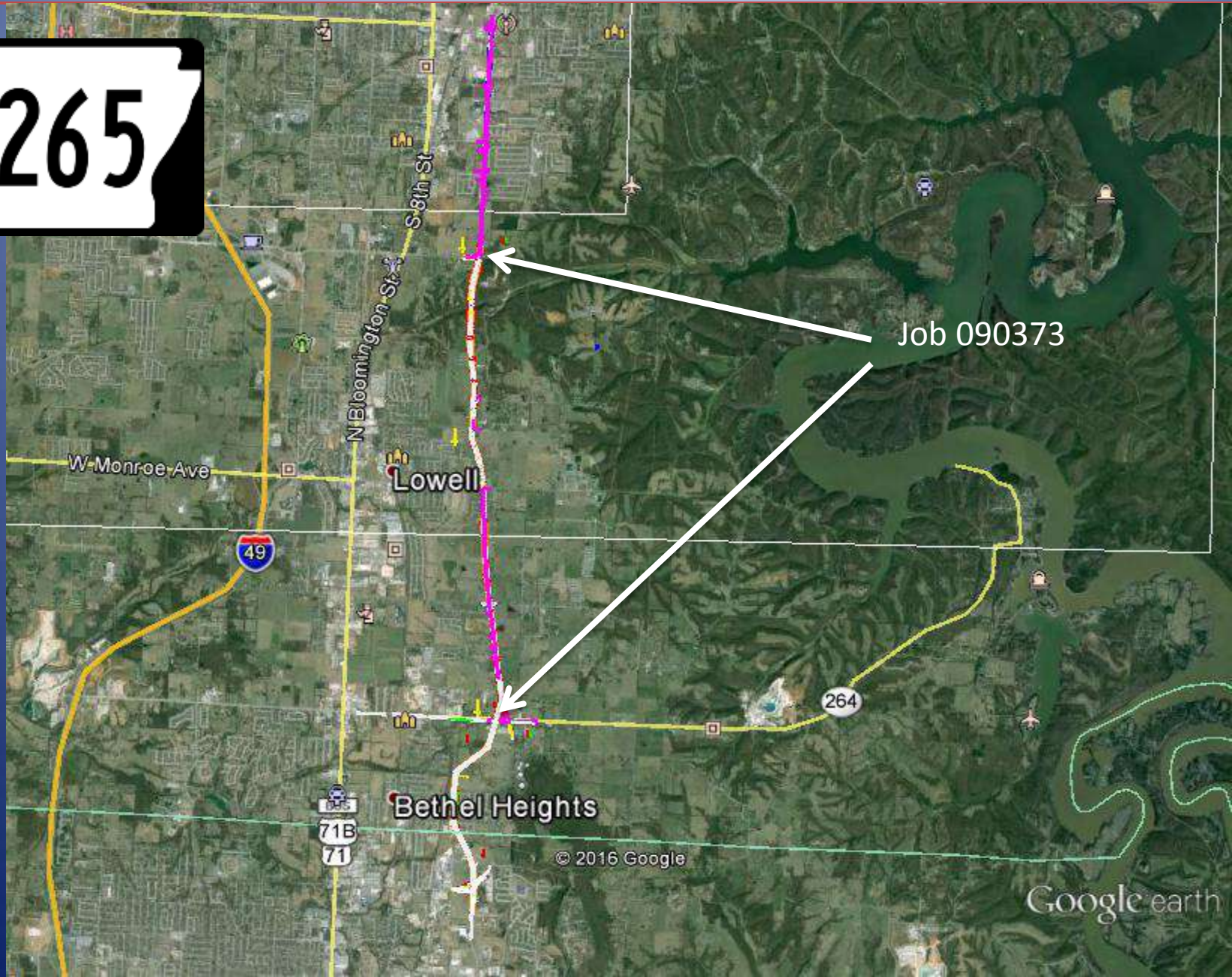
LEGEND

-  Scheduled
-  Under Construction
-  Completed
-  Programmed





Highway 265 Corridor



Job 090373

© 2016 Google

Google earth



Highway 265 Corridor

Job 090373

-Crossland

Construction

-4.0 Miles long

-\$15.4 Million

-Est Comp

11/30/17





Questions?