

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT**

**INTEROFFICE MEMORANDUM**

**July 1, 2014**

**TO:** Master Files

**FROM:** John Fleming, Division Head, Environmental Division 

**SUBJECT:** Tier 1 Categorical Exclusion for Railroad Crossing Safety Enhancements  
Multiple AHTD Job Numbers – See Attachment  
Various Counties

The purpose of these projects is to provide railroad crossing safety enhancements as outlined on the attached table. No additional right of way will be required, and a public hearing will not be offered.

Based upon the nature of the proposed work, records checks, and review of the project areas, FHWA has made the determination that the projects do not have the potential to affect cultural resources. No Section 404 permit will be required.

After appropriate environmental review, it has been determined that these projects fall within the definition of a Tier 1 Categorical Exclusion as described by the AHTD/FHWA Memorandum of Agreement on Categorical Exclusion Documentation and Processing.

**Attachments:**

Project Descriptions  
Project Location Maps  
Environmental Study Checklist

JF:DN:fc

c: Programs and Contracts  
Right of Way  
Transportation Planning and Policy  
Districts 1-10  
FHWA  
Master File

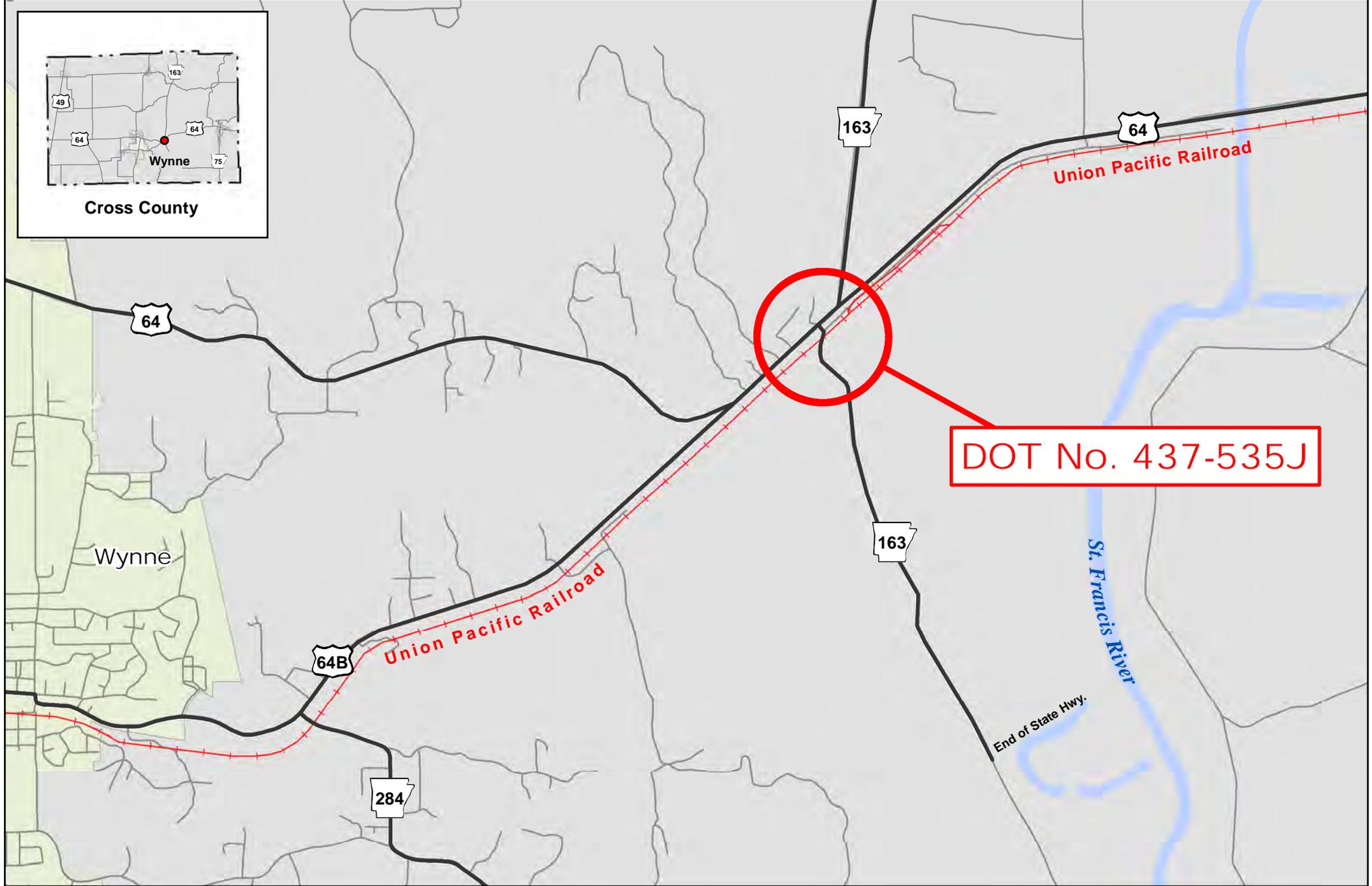
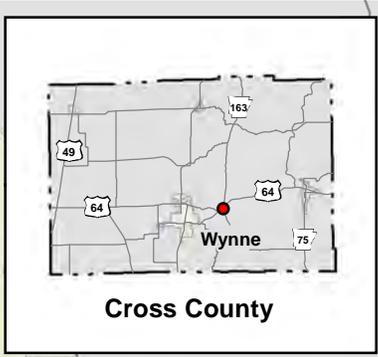
Job No.	Job Name	Project Description	Route	In/Near	County	FAP	RR	AHTD DIST.
110608	Hwy. 163 RR Signal Upgrade (East of Wynne) (S)	A	Hwy. 163	Wynne	Cross	STPX-0019-(38)	UP	1
110611	Gammon Rd. RR Signal Upgrade (Marion) (S)	A	Gammon Rd.	Marion	Crittenden	RRP-9278(7)	BNSF	1
020569	Hwy. 146 RR Signal Upgrade (Northeast of Stuttgart) (S)	A	Hwy. 146	Stuttgart	Arkansas	STPX-0001(28)	UP	2
020570	2nd St. RR Signal Upgrade (Stuttgart) (S)	A	2nd St.	Stuttgart	Arkansas	STPX-9405(9)	UP	2
020571	Hwy. 208 RR Signal Upgrade (Dermott) (S)	A	Hwy. 208	Dermot	Chicot	STPX-0009-(30)	UP	2
030445	Hwy. 108 R.R. Signal Upgrade (Ashdown) (S)	A	Hwy. 108	Ashdown	Little River	STPX-0041(33)	KCS	3
030446	Oats St. RR Signal Upgrade (Texarkana) (S)	A	Oats. St.	Texarkana	Miller	STPX-9414(29)	UP	3
040653	Newlon Rd. RR Signal & Surf. (Ft. Smith)	A	Newlon Rd.	Ft. Smith	Crawford	RPD-RHE-9150(25)	AM	4
040674	Hwy. 246 RR Signal Upgrade (Hatfield) (S)	A	Hwy. 246	Hatfield	Polk	STPX-0057(21)	KCS	4
040678	Orrick Rd. RR Signal (Alma) (S)	C	Orrick Rd.	Alma	Crawford	RRP-9005(1)	UP	4
040679	Phoenix St. RR Signal (Ft. Smith) (S)	C	Phoenix St.	Ft. Smith	Sebastian	RRP-9150(26)	AM	4
050309	CR1130/Burton Rd. RR Sig. Upgrade & Surf. (So. of Tuckerman) (S)	A 1	CR 1130	Tuckerman	Jackson	STPX-STPO-0034(42)	UP	5
050310	Harvey St. RR Signal (Swifton) (S)	C	Harvey St.	Swifton	Jackson	STPX-0034(43)	UP	5
050311	Morris St. RR Signal (Garner) (S)	C	Morris Dr.	Garner	White	STPX-0073(59)	UP	5
061432	Forbing Rd. RR Lane Delineators (Little Rock) (S)	B	Forbing Rd.	Little Rock	Pulaski	STPX-9253(71)	UP	6
061433	Marche Rd. RR Signal (East of Maumelle) (S)	C	Marche Rd.	Maumelle	Pulaski	STPX-9468(6)	UP	6
070412	Maple St. RR Signal (Rison) (S)	C	Maple St.	Rison	Cleveland	STPX-0013(16)	UP	7
070413	Grinstead Rd. RR Signal Upgrade (Camden) (S)	A	Grinstead Rd.	Camden	Ouachita	STPX-0052(19)	UP	7
090418	Hwy. 59B RR Signal Upgrade (Gentry) (S)	A	Hwy. 59B	Gentry	Benton	STPX-0004(51)	KCS	9
090419	Flickinger St. RR Signal (Sulphur Springs) (S)	C	Flickenger St.	Sulphur Springs	Benton	STPX-0004(52)	KCS	9
100820	Hwy. 158 RR Signal Upgrade (Southwest of Jonesboro) (S)	A	Hwy. 158	Otwell	Craighead	STPX-00016(61)	UP	10
100822	Henson Rd. RR Sig. Upgrade & Traffic Signal (Jonesboro) (S)	A	Henson Rd.	Jonesboro	Craighead	RRP-RHE-9227(49)	BNSF	10
100823	Main St. RR Signal Upgrade (Trumann) (S)	A	Main St.	Trumann	Poinsett	RRP-9421(1)	BNSF	10

**A** UPGRADE - Railroad will pour new concrete foundations for signal masts and circuitry cabins. Fill material (ballast) may be required to raise the level of the circuitry cabin to the level of the top of the rail, and the tops of the signal mast foundations to the level of the crown of the roadway. New cabling will be entrenched parallel to the tracks connecting the signal cabin to the ends of the crossing approaches (approaches may be as long as 4,000 feet depending on train speed). Bores will be made under the tracks and under the roadway to connect the circuitry cabin to the signal masts. Once new equipment has been installed and is operational, existing signal masts, circuitry cabins, and concrete foundations are removed. ALL PROJECT WORK WILL TAKE PLACE ON EXISTING RAILROAD RIGHT OF WAY.

**B** Lane delineators will be installed along the centerline of Forbing Road. ALL PROJECT WORK WILL TAKE PLACE ON EXISTING CITY RIGHT OF WAY.

**C** INITIAL INSTALLATION - Railroad will pour new concrete foundations for signal masts and circuitry cabins. Fill material (ballast) may be required to raise the level of the circuitry cabin to the level of the top of the rail, and the tops of the signal mast foundations to the level of the crown of the roadway. New cabling will be entrenched parallel to the tracks connecting the signal cabin to the ends of the crossing approaches (approaches may be as long as 4,000 feet depending on train speed). Bores will be made under the tracks and under the roadway to connect the circuitry cabin to the signal masts. ALL PROJECT WORK WILL TAKE PLACE ON EXISTING RAILROAD RIGHT OF WAY

**1** A new concrete panel surface will be installed by the railroad. Jackson County will raise the roadway approaches to decrease the slope on the east side of the tracks at no expense to this project. COUNTY WORK WILL TAKE PLACE ON EXISTING RAILROAD OR COUNTY RIGHT OF WAY.

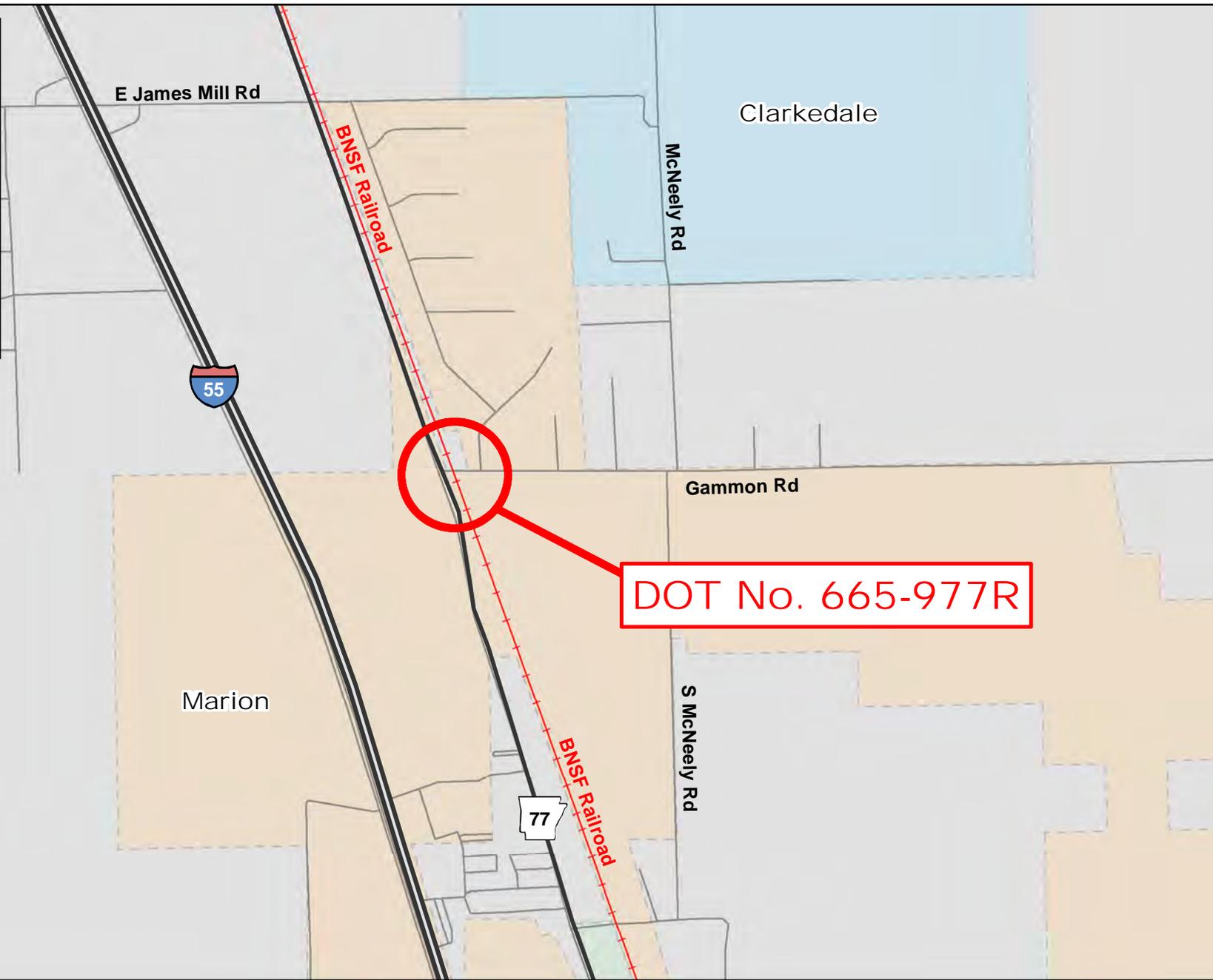


# Proposed Grade Crossing Improvement

## Highway 163 - Job 110608

Cross County



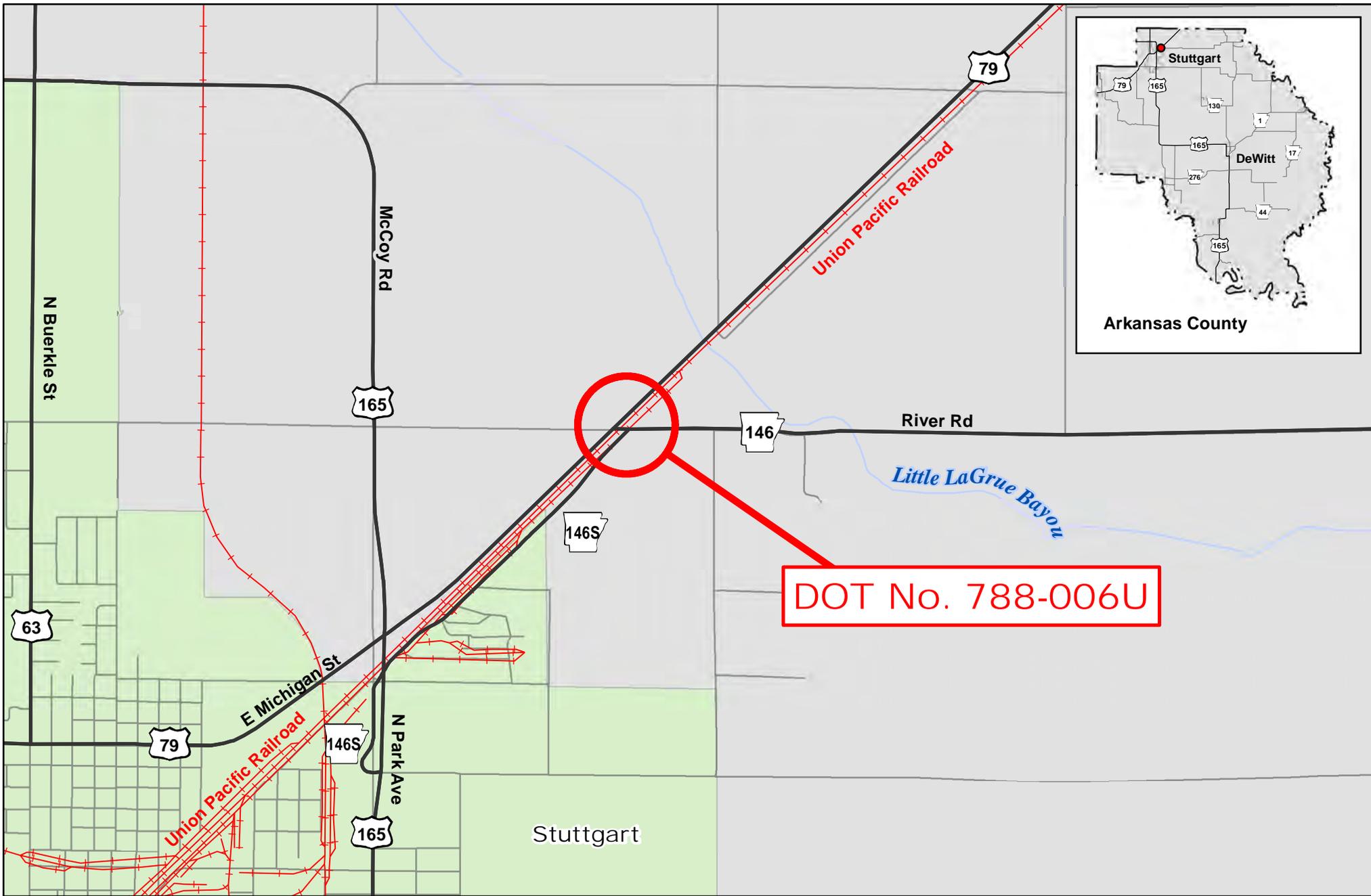


# Proposed Grade Crossing Improvement

## Gammon Rd. - **Job 110611**

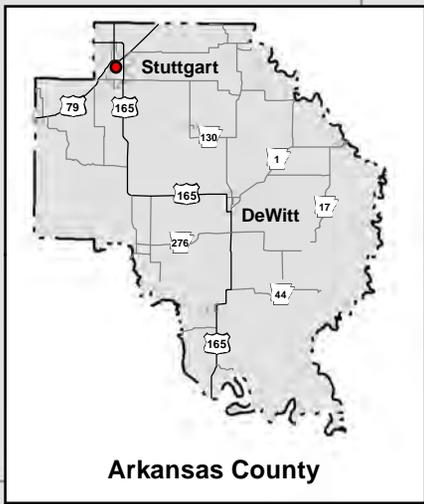
Marion, Crittenden County



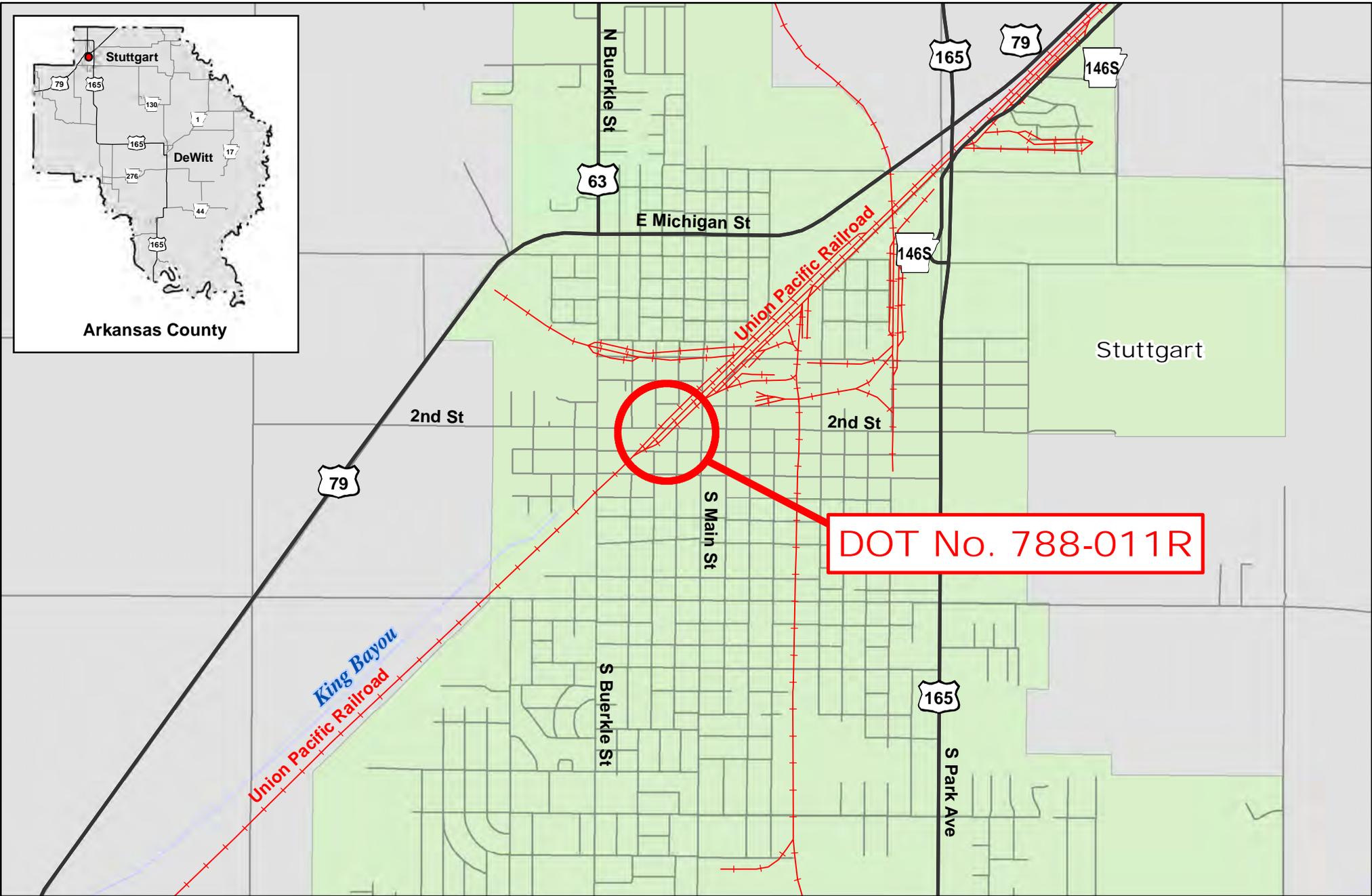


Proposed Grade Crossing Improvement  
 Highway 146 - **Job 020569**  
 Arkansas County



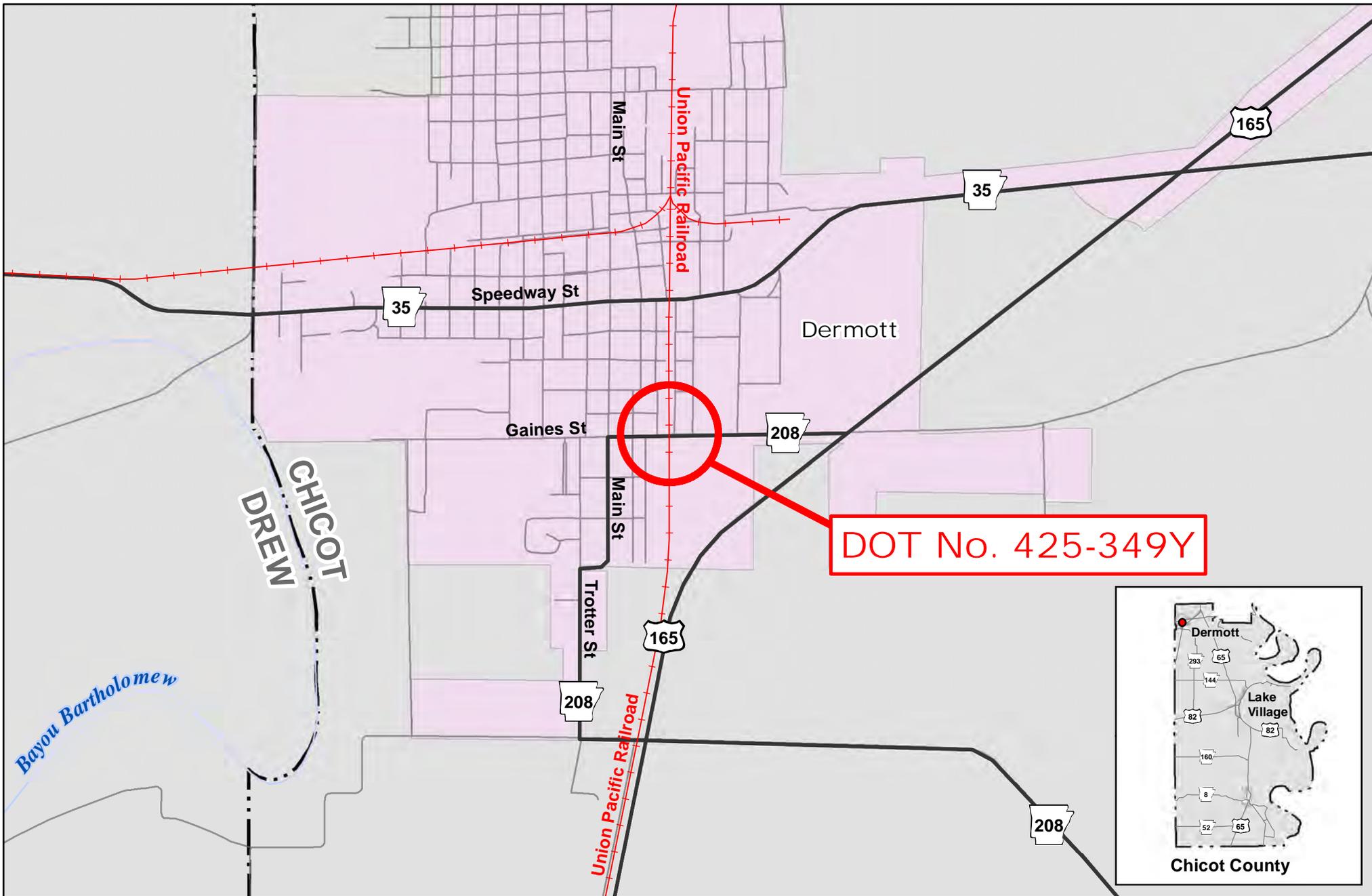


Arkansas County



Proposed Grade Crossing Improvement  
2nd St. - **Job 020570**  
Stuttgart, Arkansas County



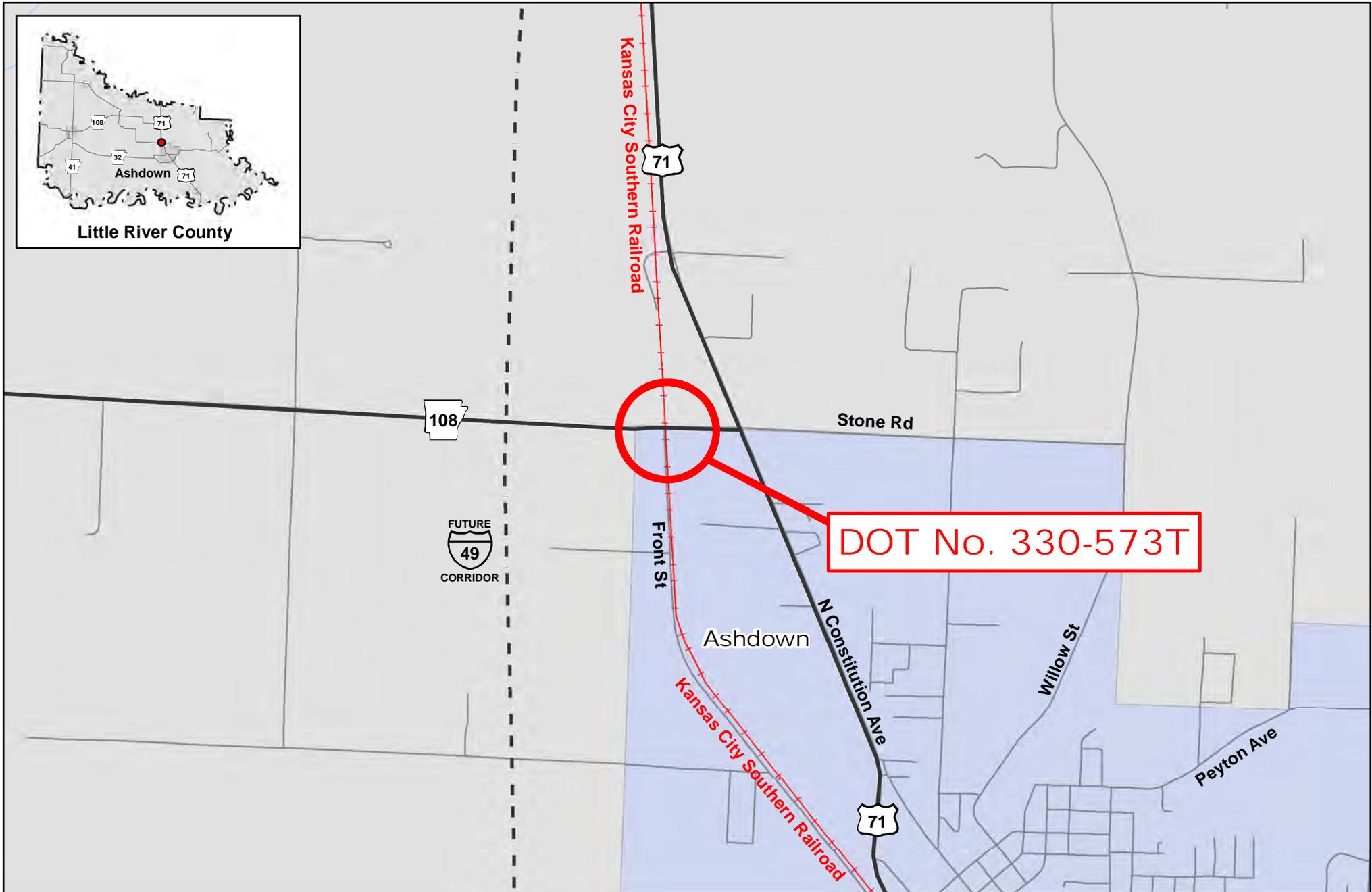


Proposed Grade Crossing Improvement  
 Highway 208 - **Job 020571**  
 Dermott, Chicot County





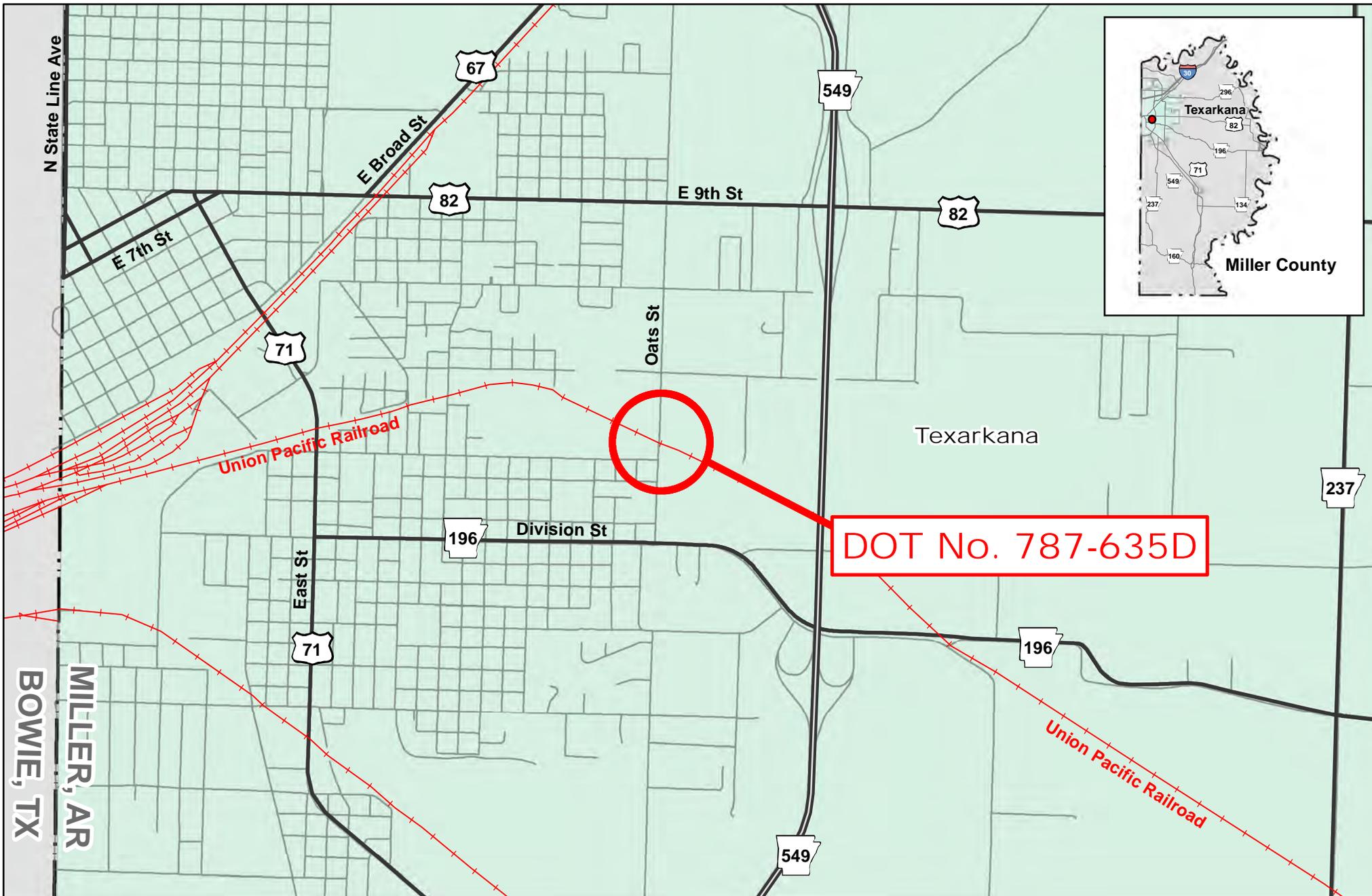
Little River County



DOT No. 330-573T

# Proposed Grade Crossing Improvement Highway 108 - Job 030445 Ashdown, Little River County

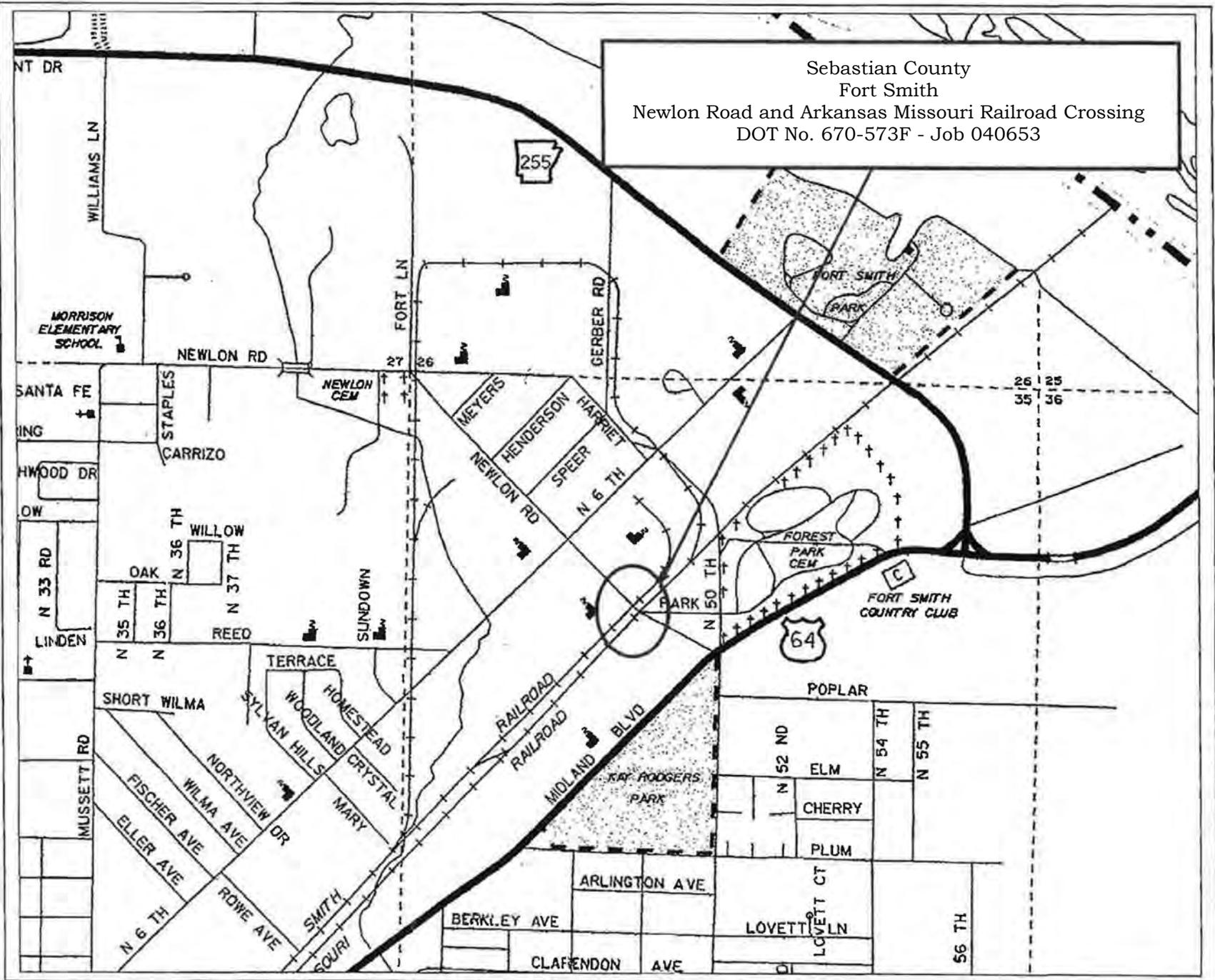


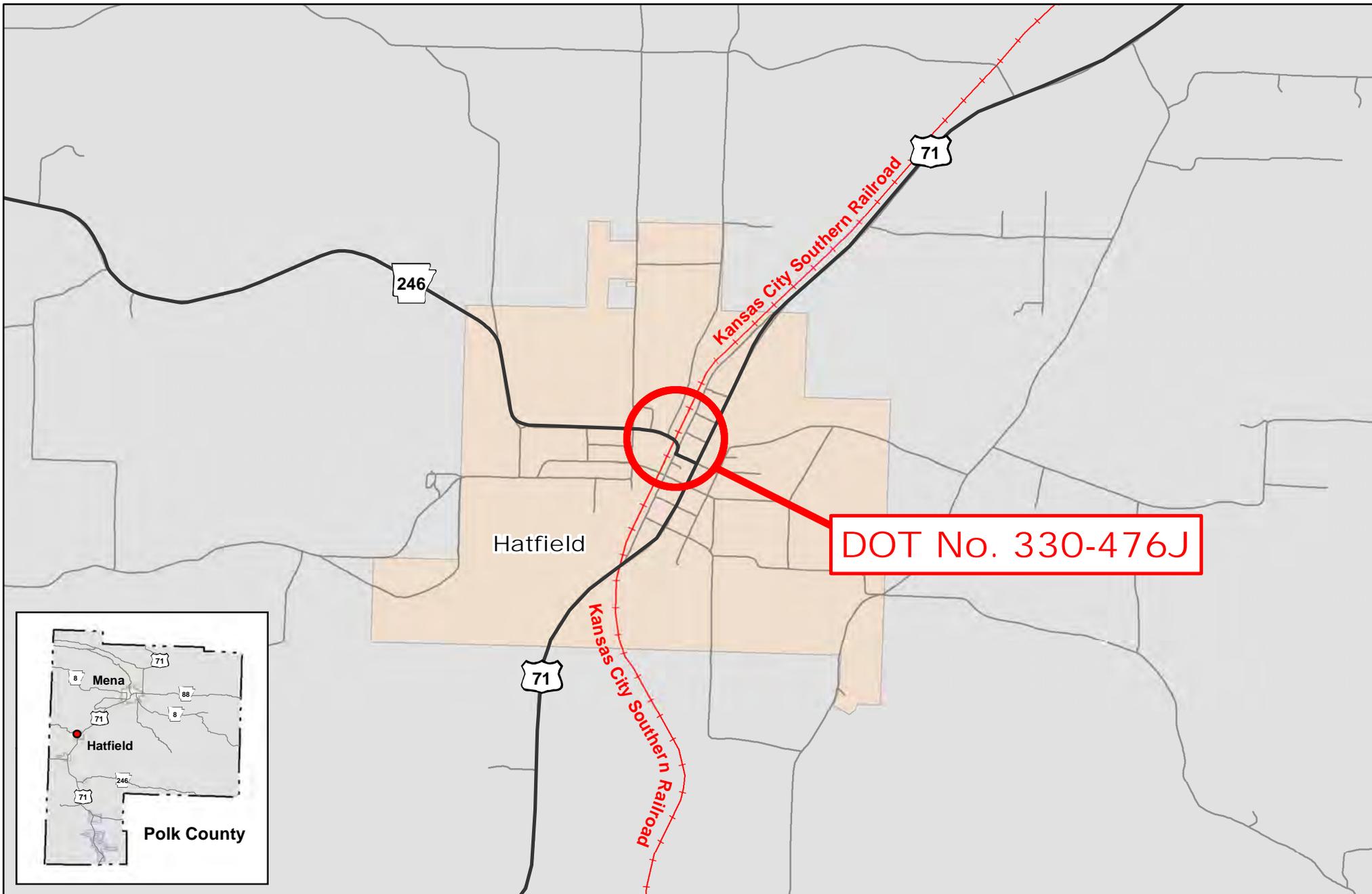


**Proposed Grade Crossing Improvement**  
**Oats St. - Job 030446**  
 Texarkana, Miller County



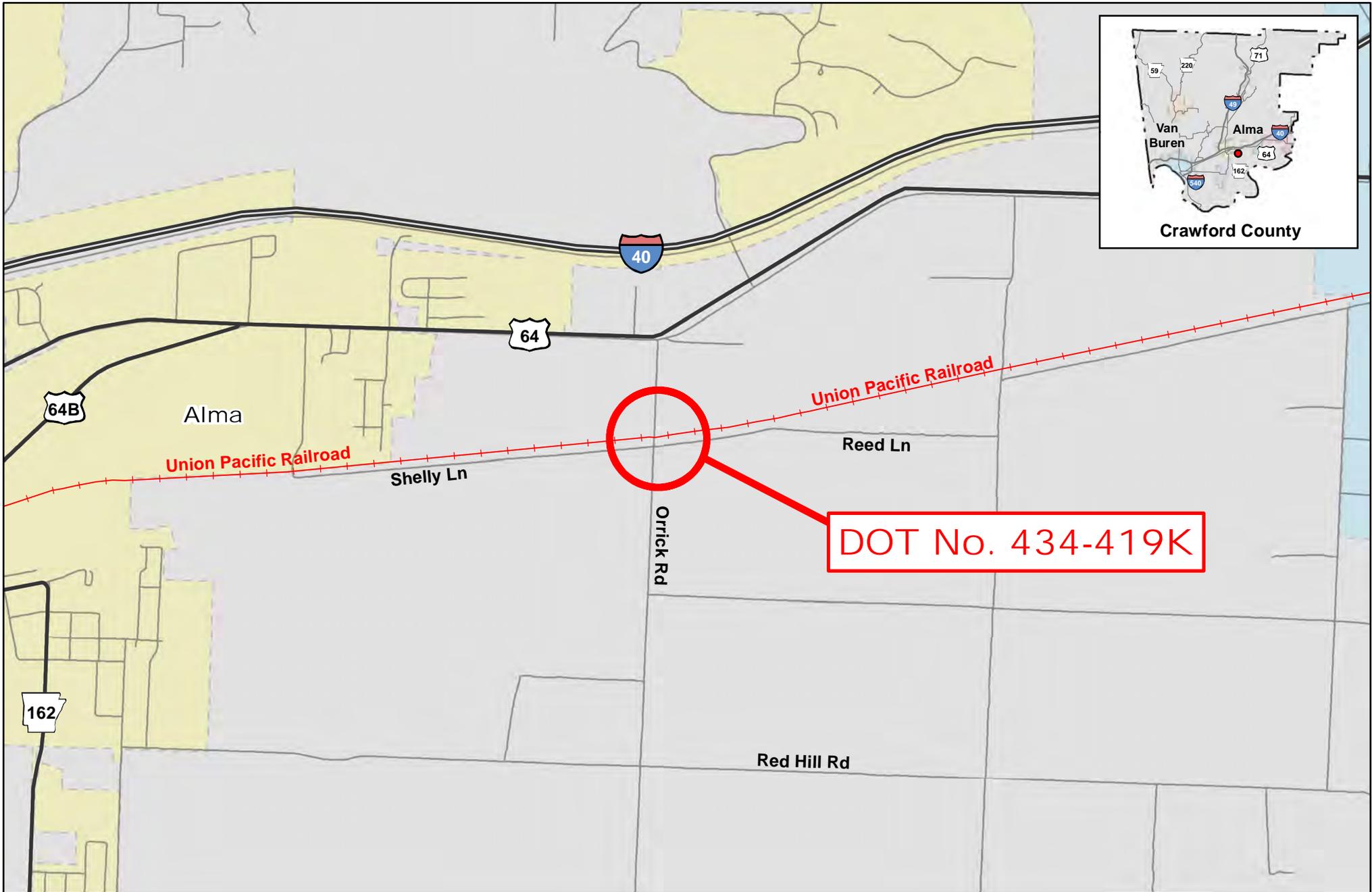
Sebastian County  
Fort Smith  
Newlon Road and Arkansas Missouri Railroad Crossing  
DOT No. 670-573F - Job 040653





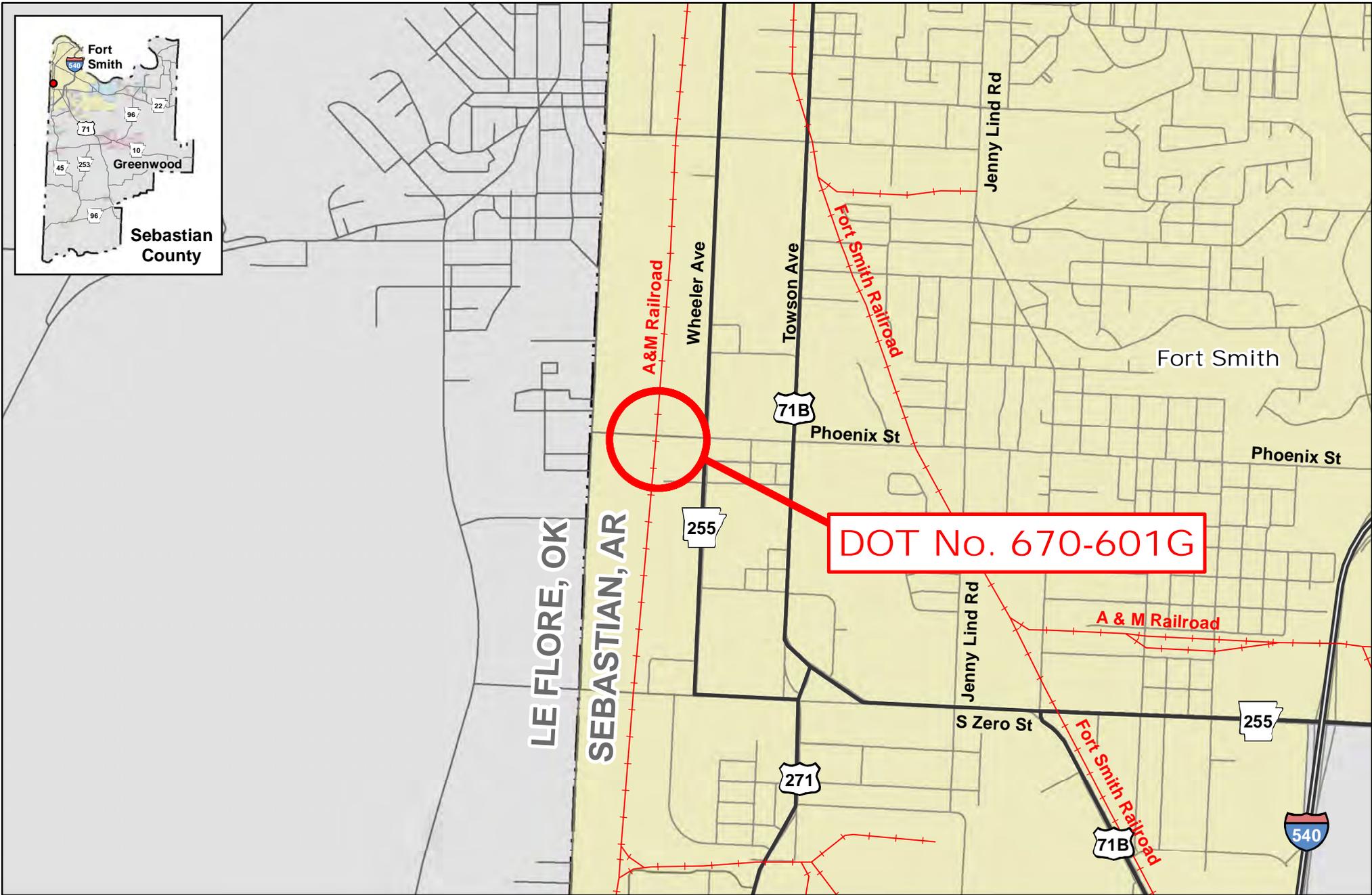
Proposed Grade Crossing Improvement  
Highway 246 - **Job 040674**  
Hatfield, Polk County





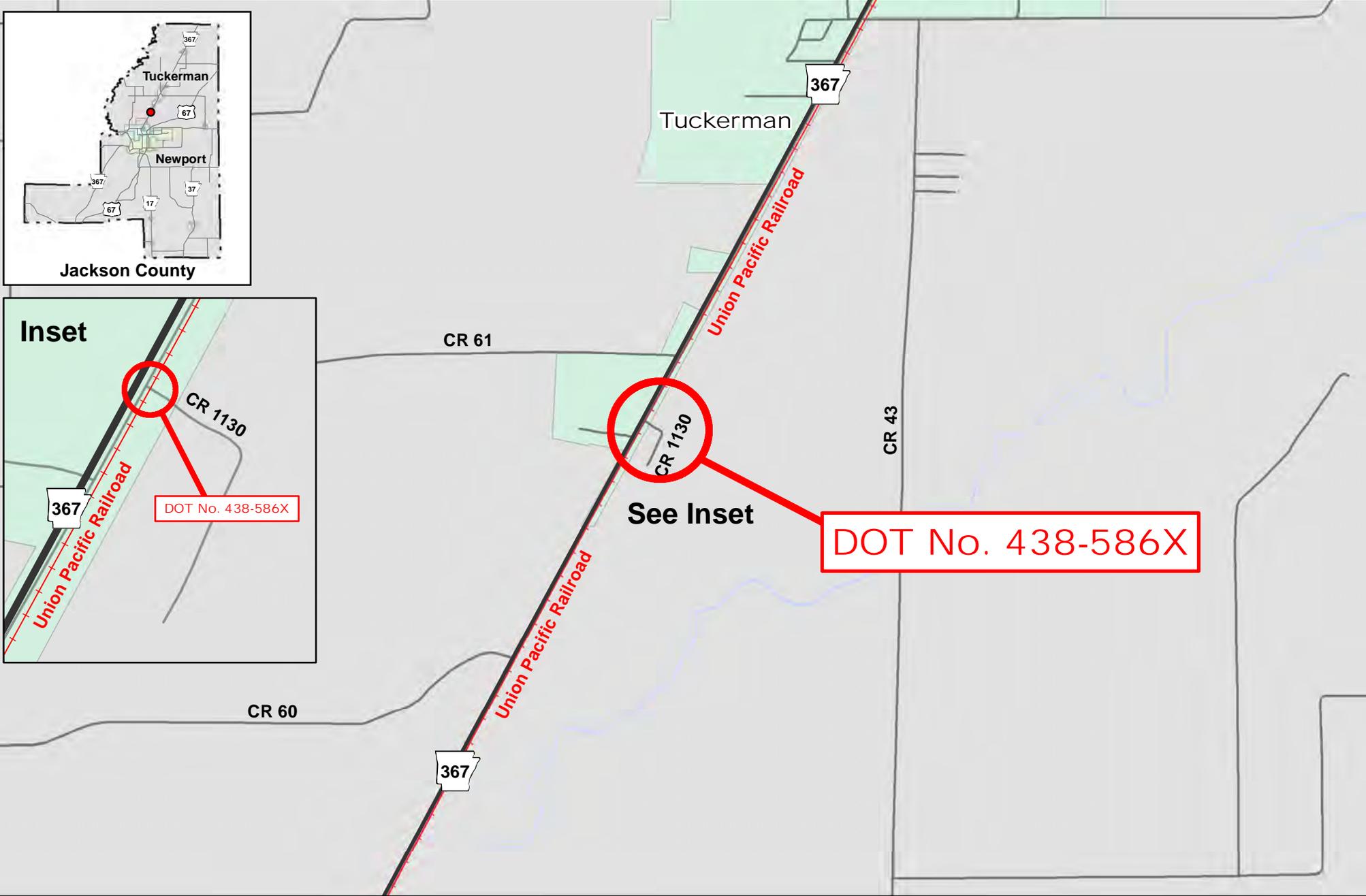
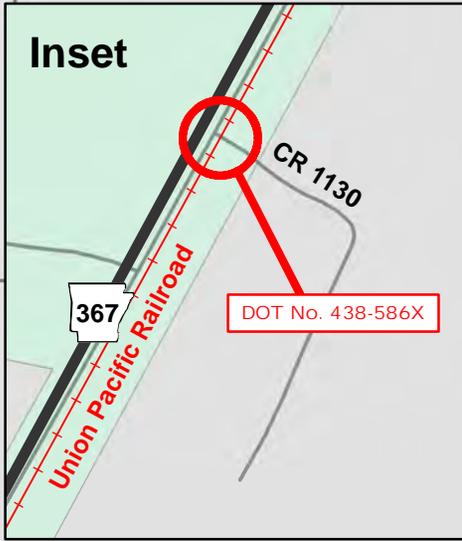
Proposed Grade Crossing Improvement  
Orrick Rd. - **Job 040678**  
Crawford County





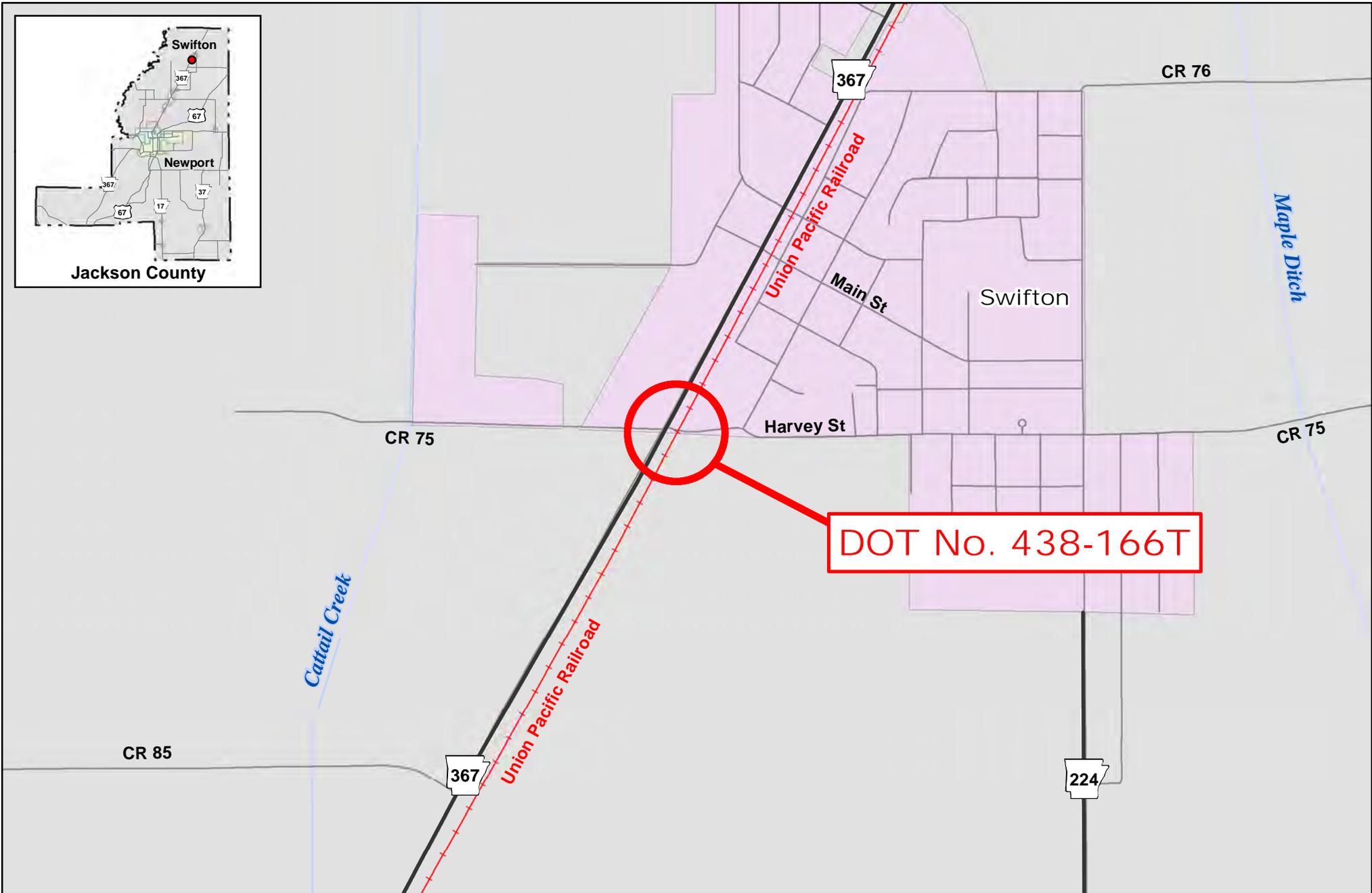
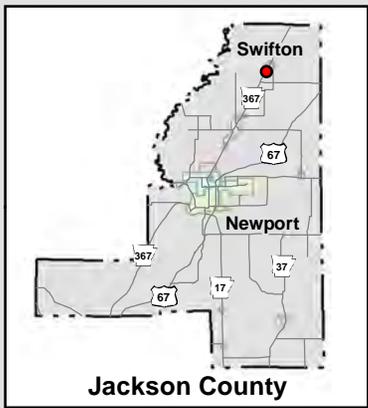
Proposed Grade Crossing Improvement  
Phoenix St. - **Job 040679**  
Fort Smith, Sebastian County





Proposed Grade Crossing Improvement  
CR 1130 - **Job 050309**  
Tuckerman, Jackson County



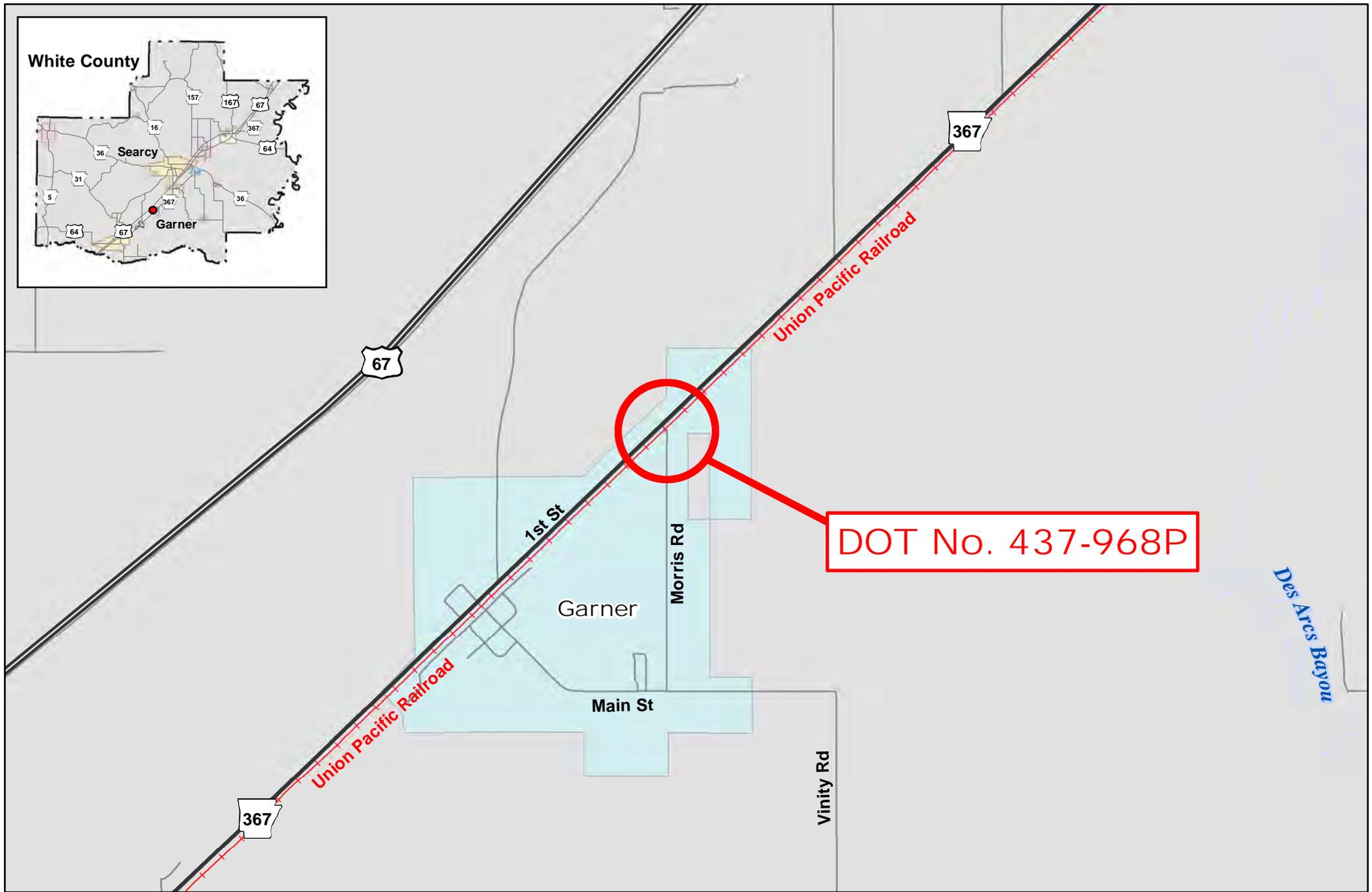
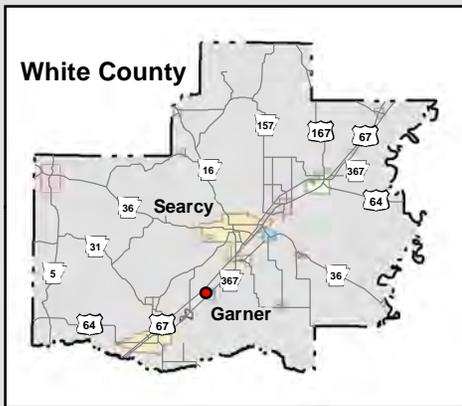


# Proposed Grade Crossing Improvement

## Harvey St. - **Job 050310**

Swifton, Jackson County



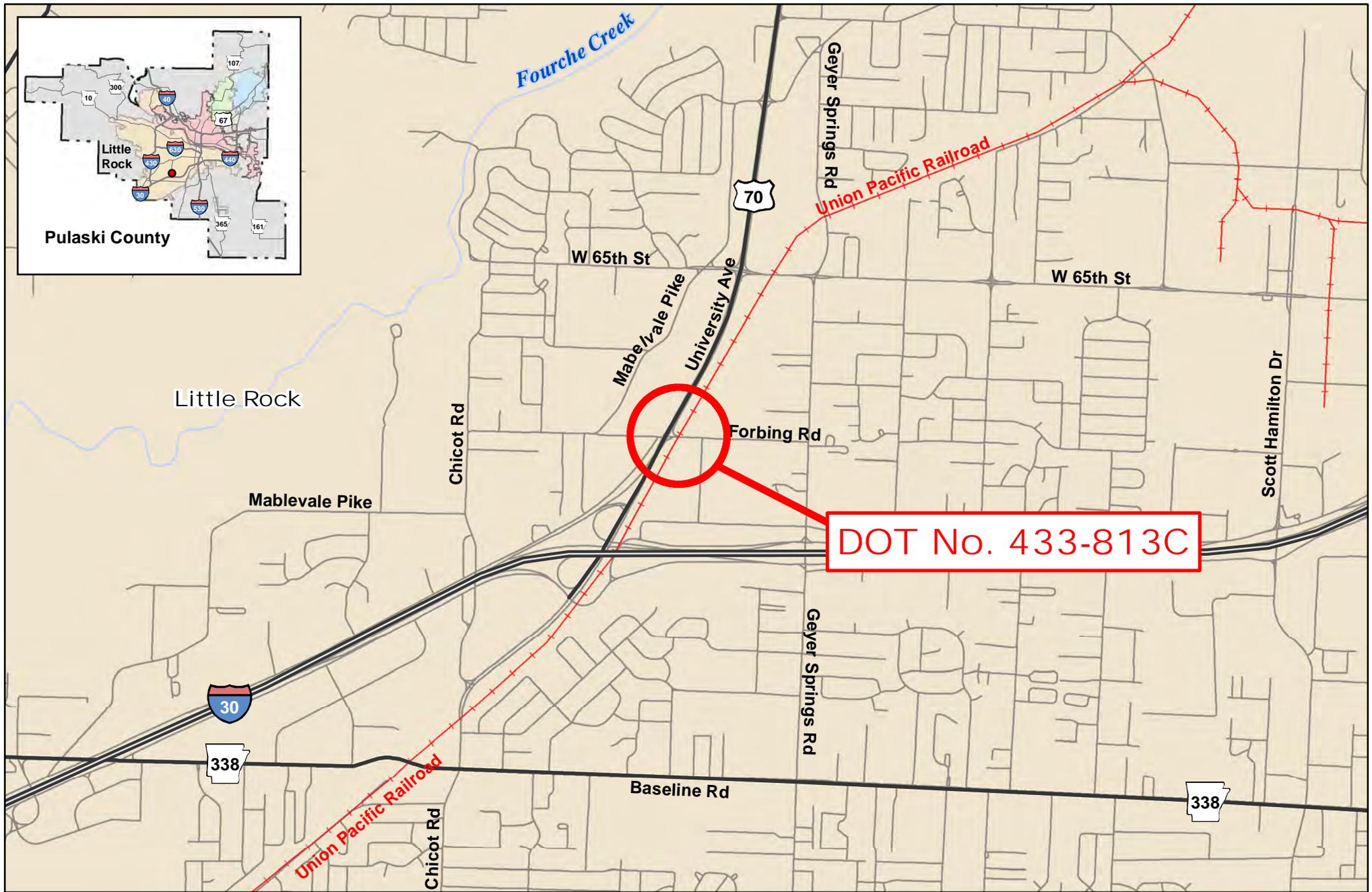
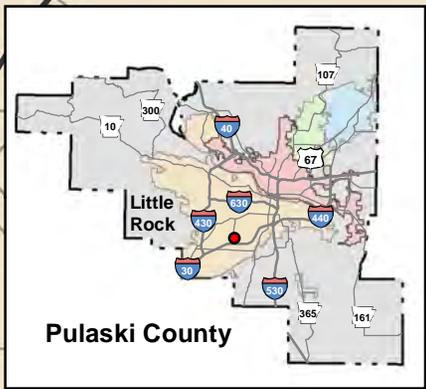


# Proposed Grade Crossing Improvement

## Morris Rd. - **Job 050311**

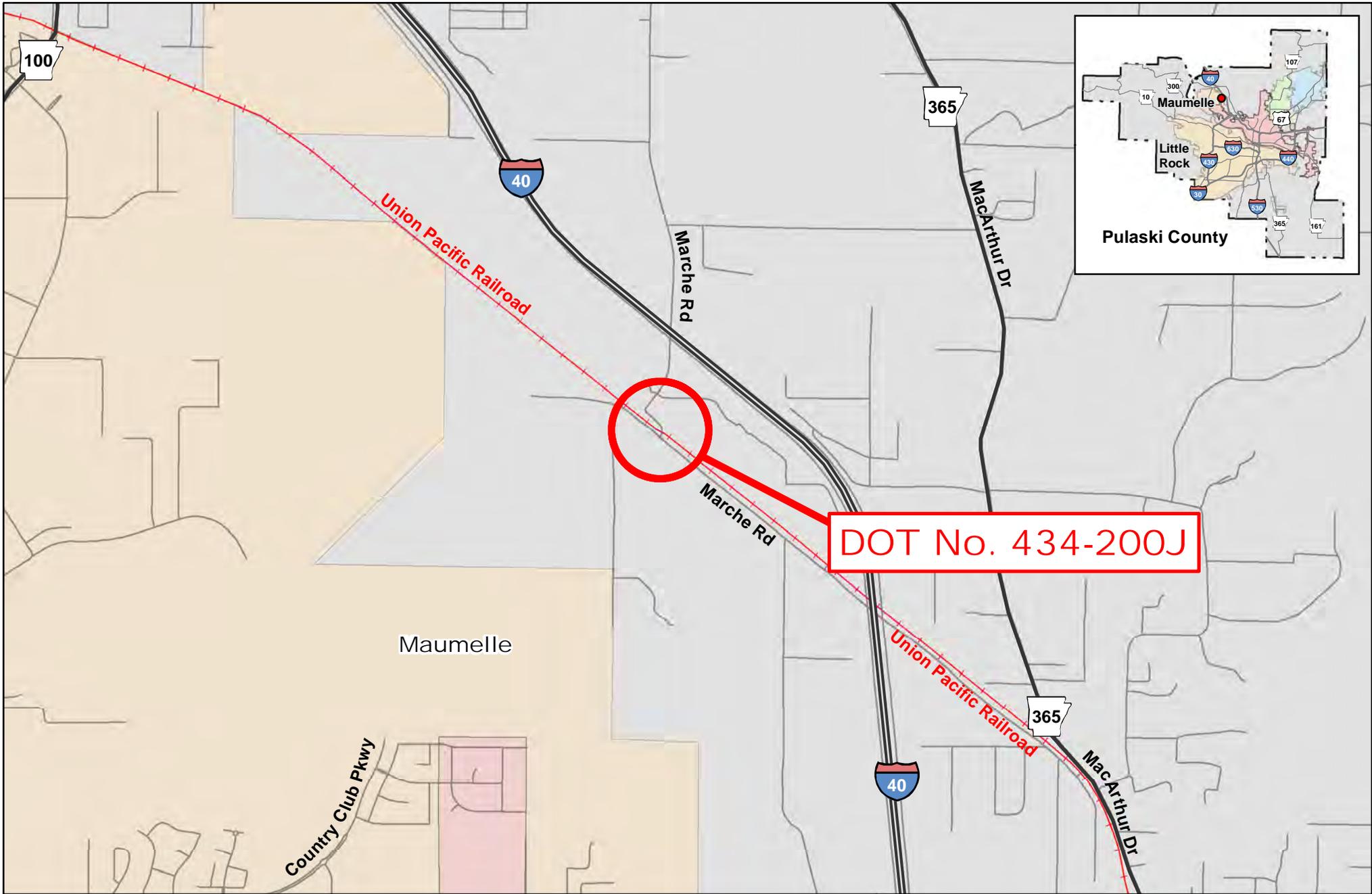
Garner, White County





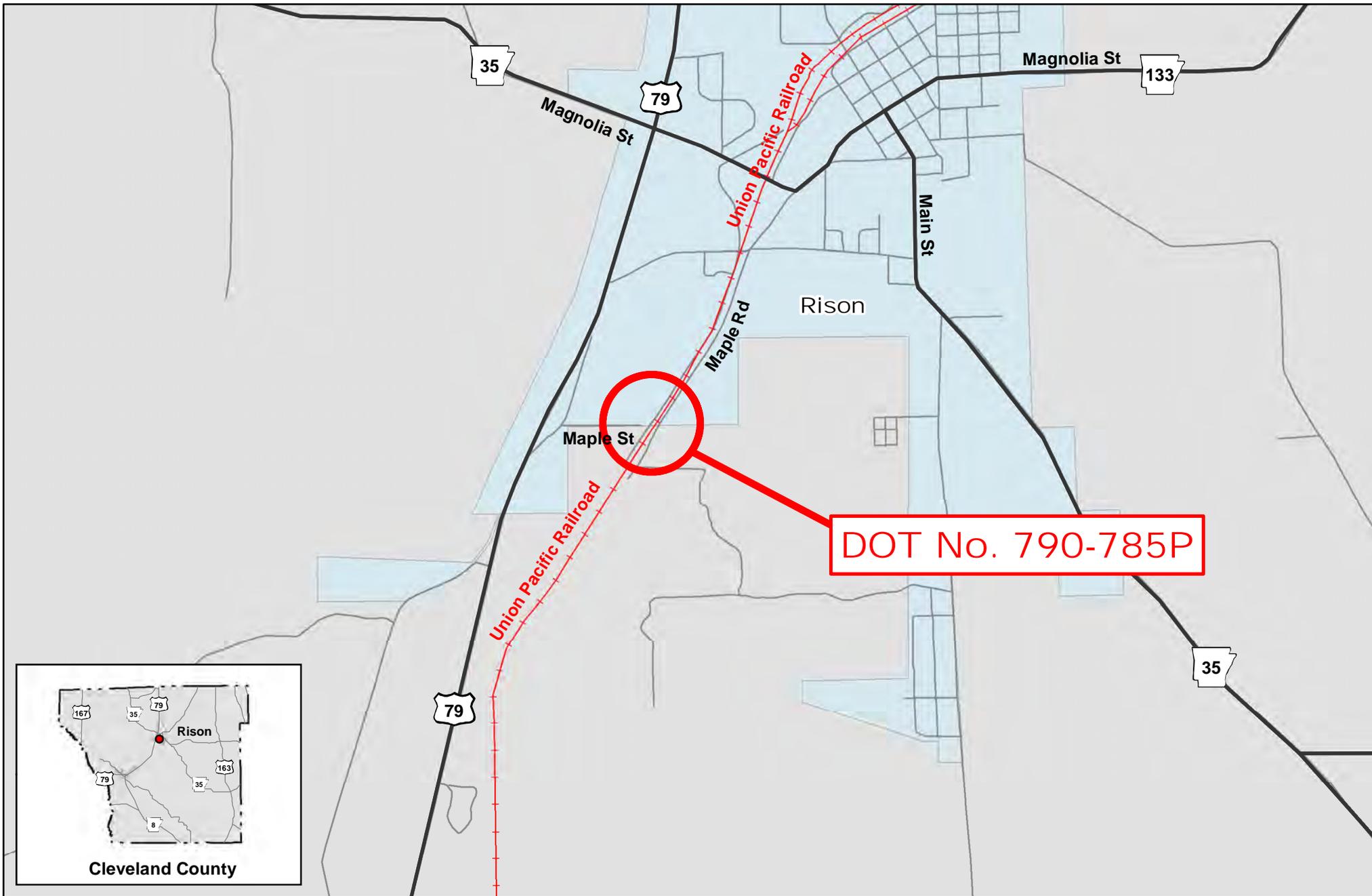
Proposed Grade Crossing Improvement  
Forbing Rd. - **Job 061432**  
Little Rock, Pulaski County





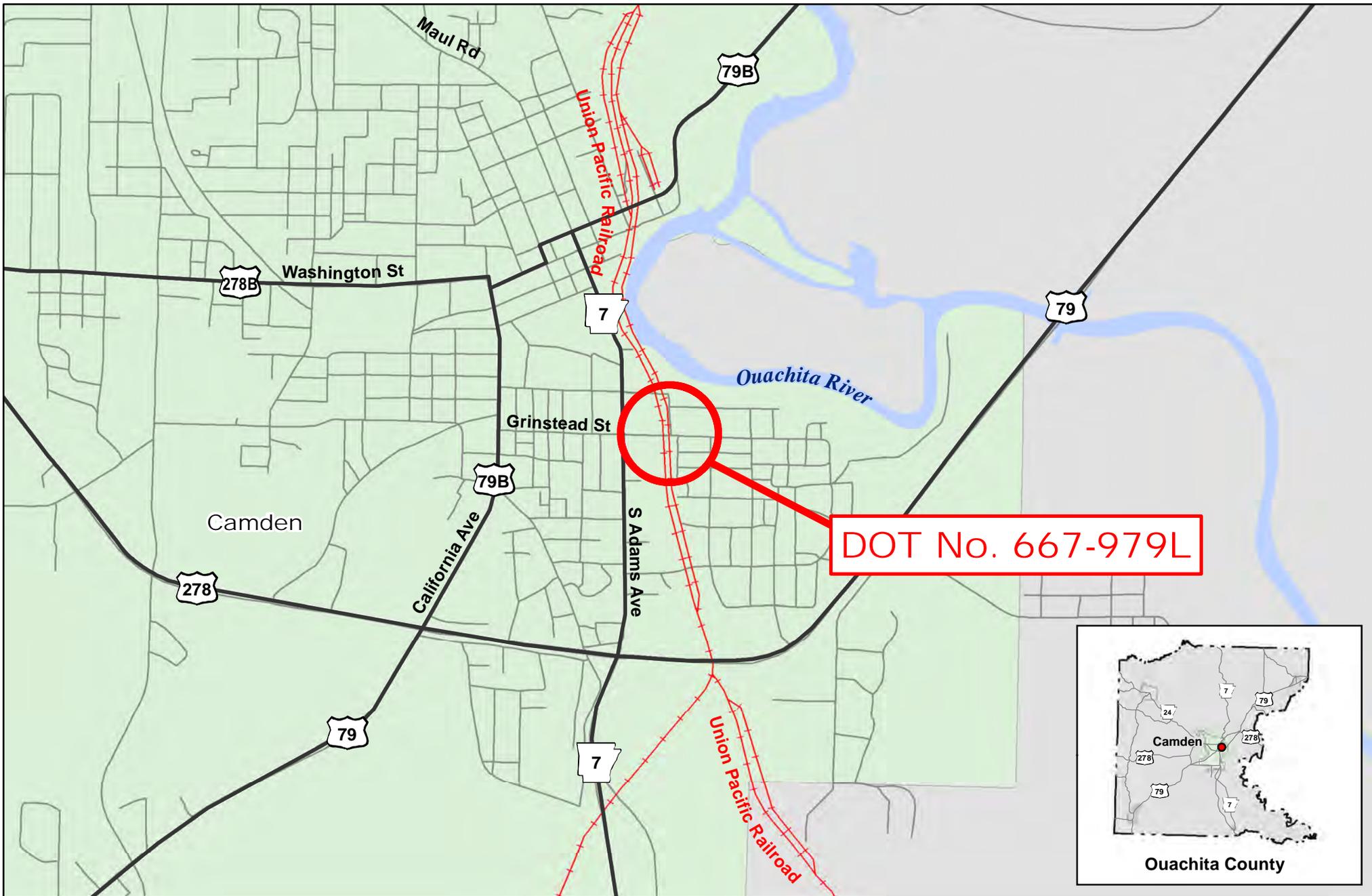
Proposed Grade Crossing Improvement  
Marche Rd. - **Job 061433**  
Pulaski County





# Proposed Grade Crossing Improvement Maple St. - **Job 070412** Rison, Cleveland County



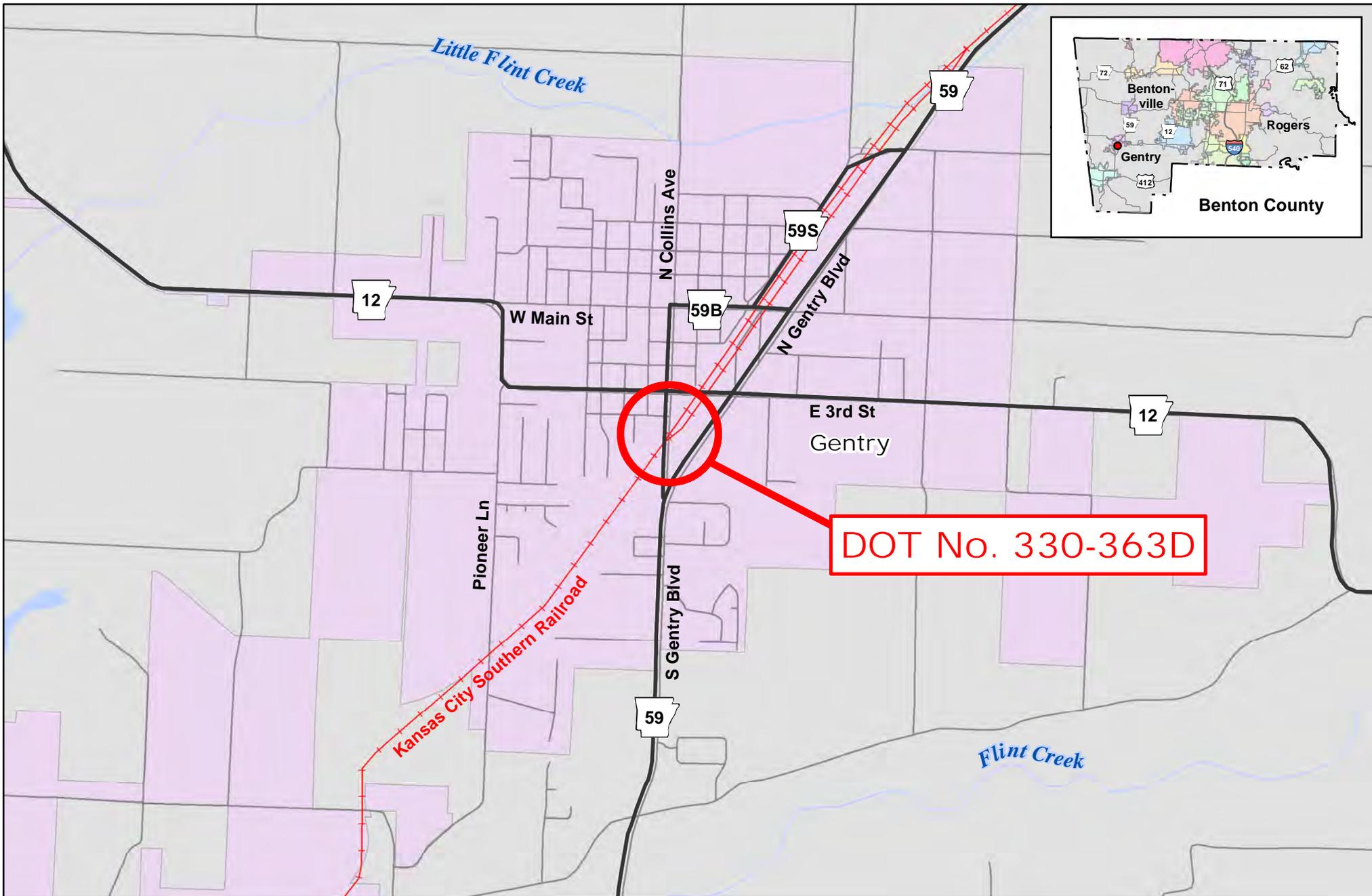


# Proposed Grade Crossing Improvement

## Grinstead St. - **Job 070413**

Camden, Ouachita County



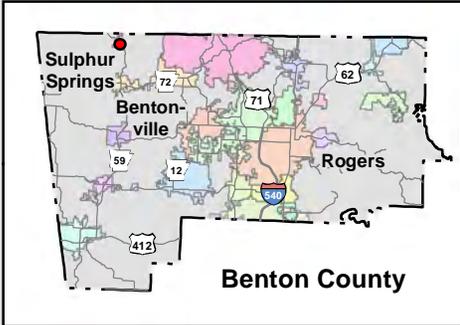
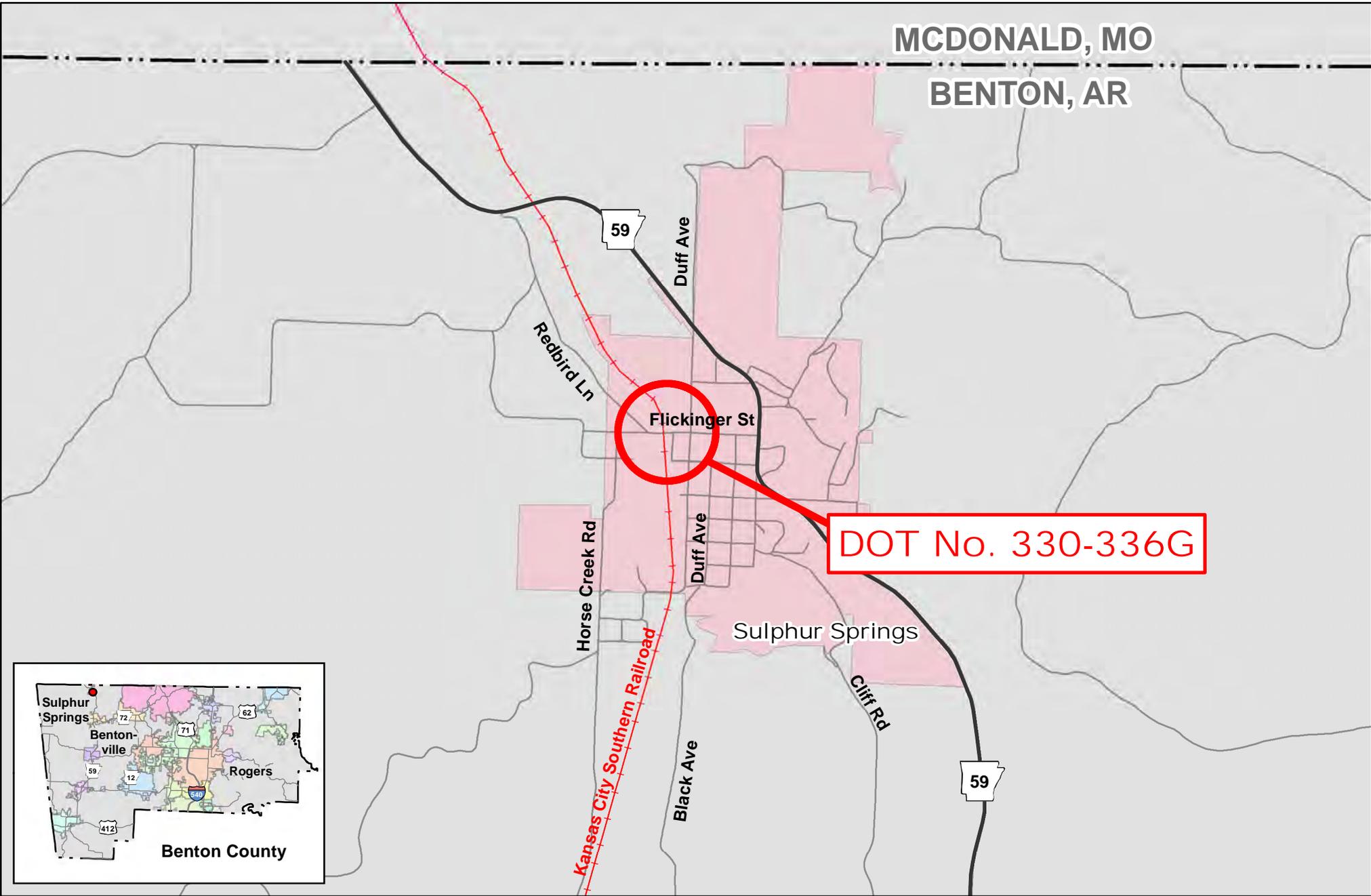


Proposed Grade Crossing Improvement  
 Highway 59B - **Job 090418**  
 Gentry, Benton County



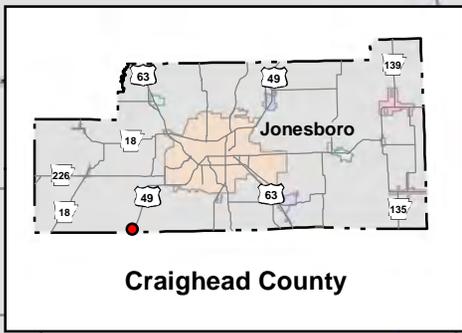
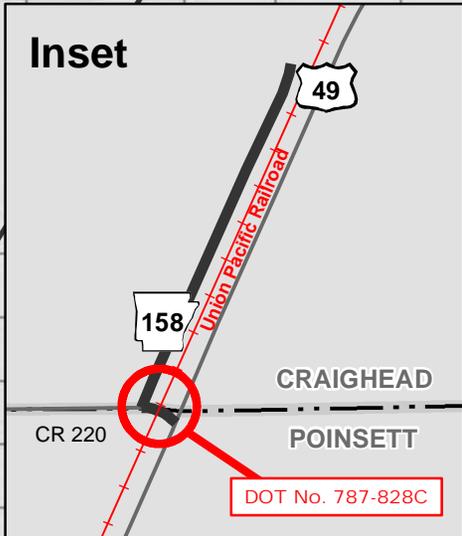
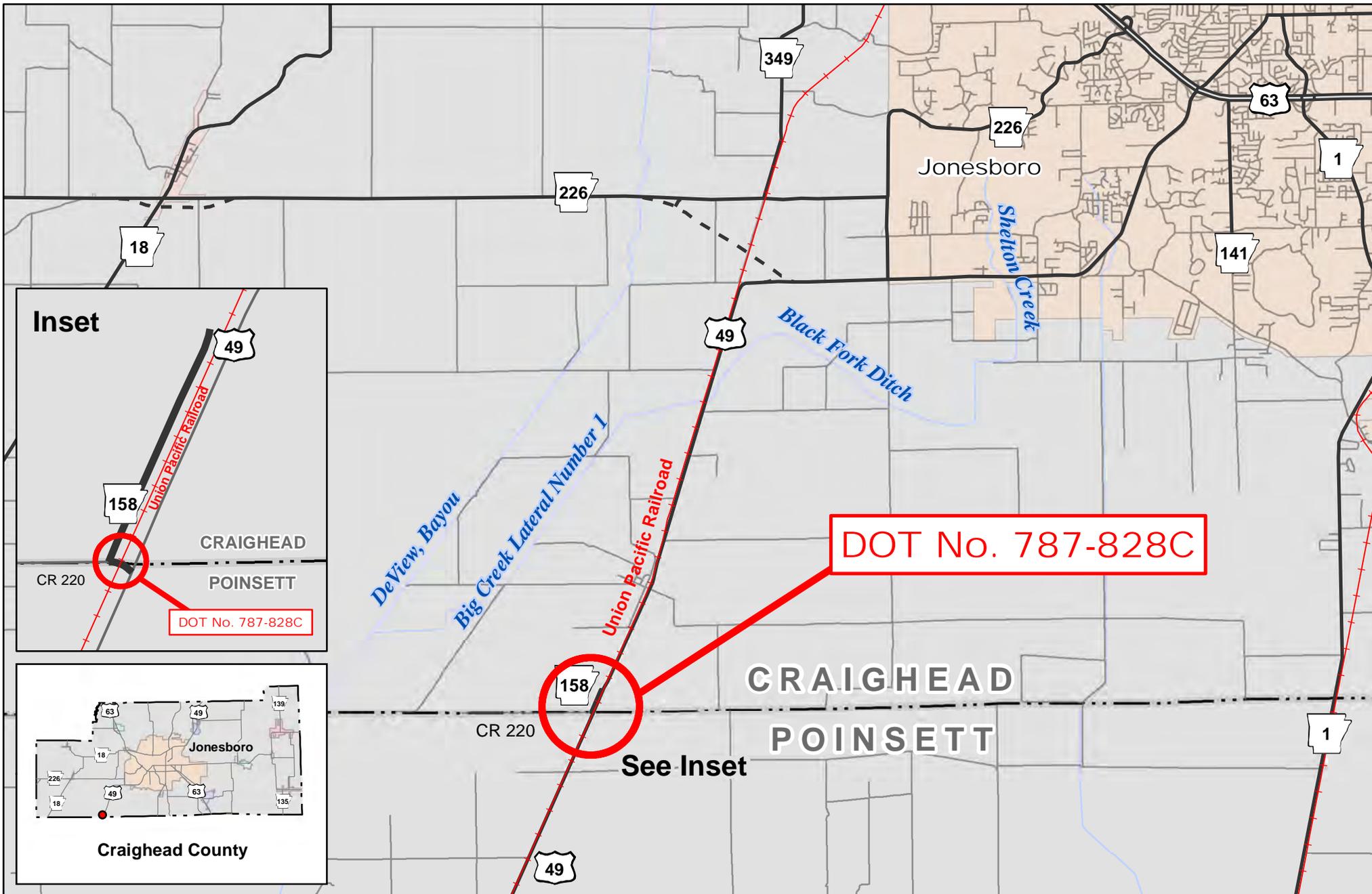
MCDONALD, MO

BENTON, AR



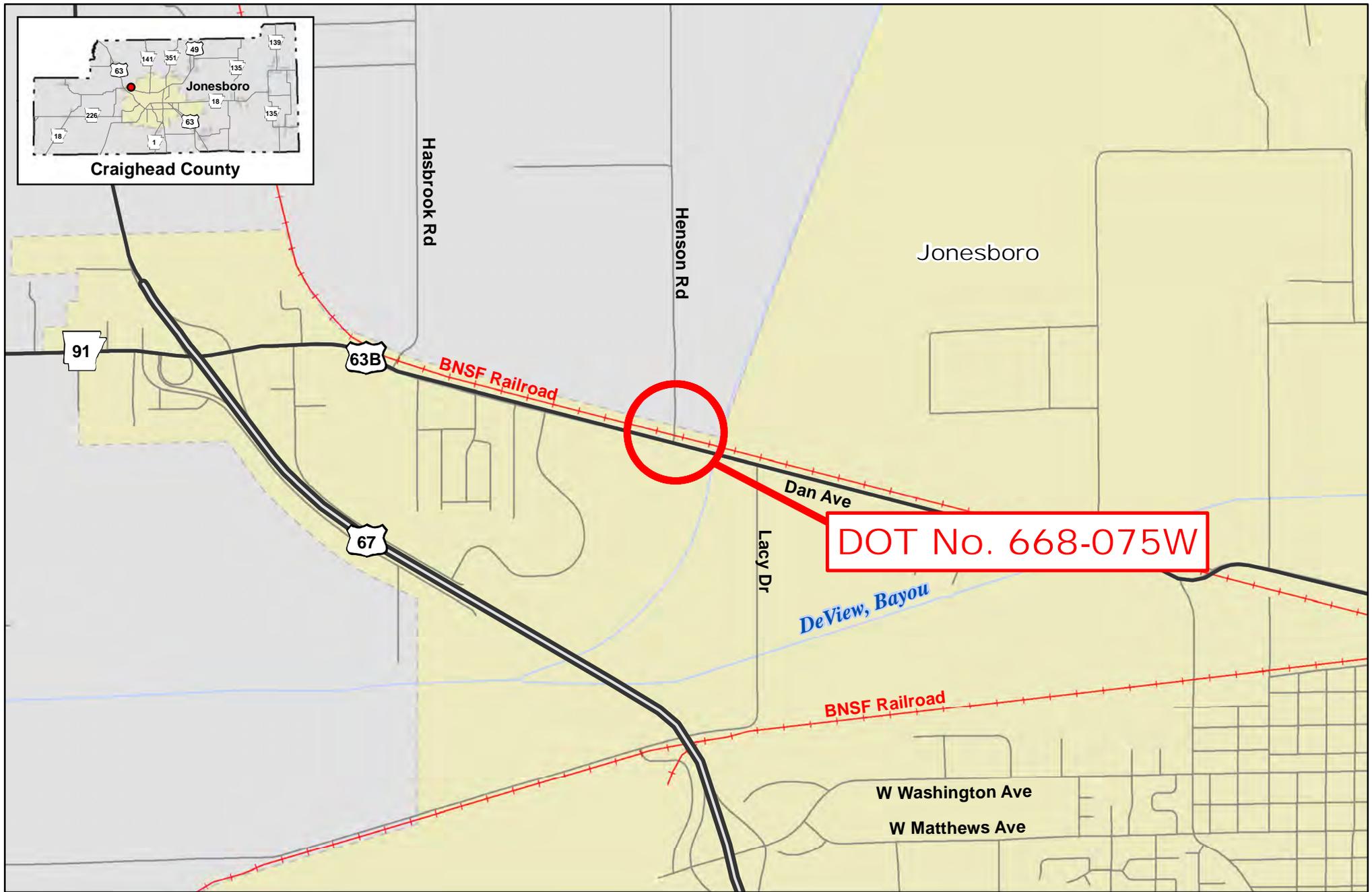
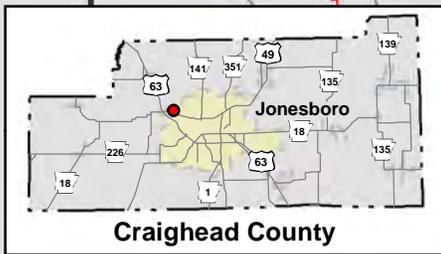
Proposed Grade Crossing Improvement  
 Flickinger St - **Job 090419**  
 Sulphur Springs, Benton County





**Proposed Grade Crossing Improvement**  
**Highway 158 - Job 100820**  
 Craighead County



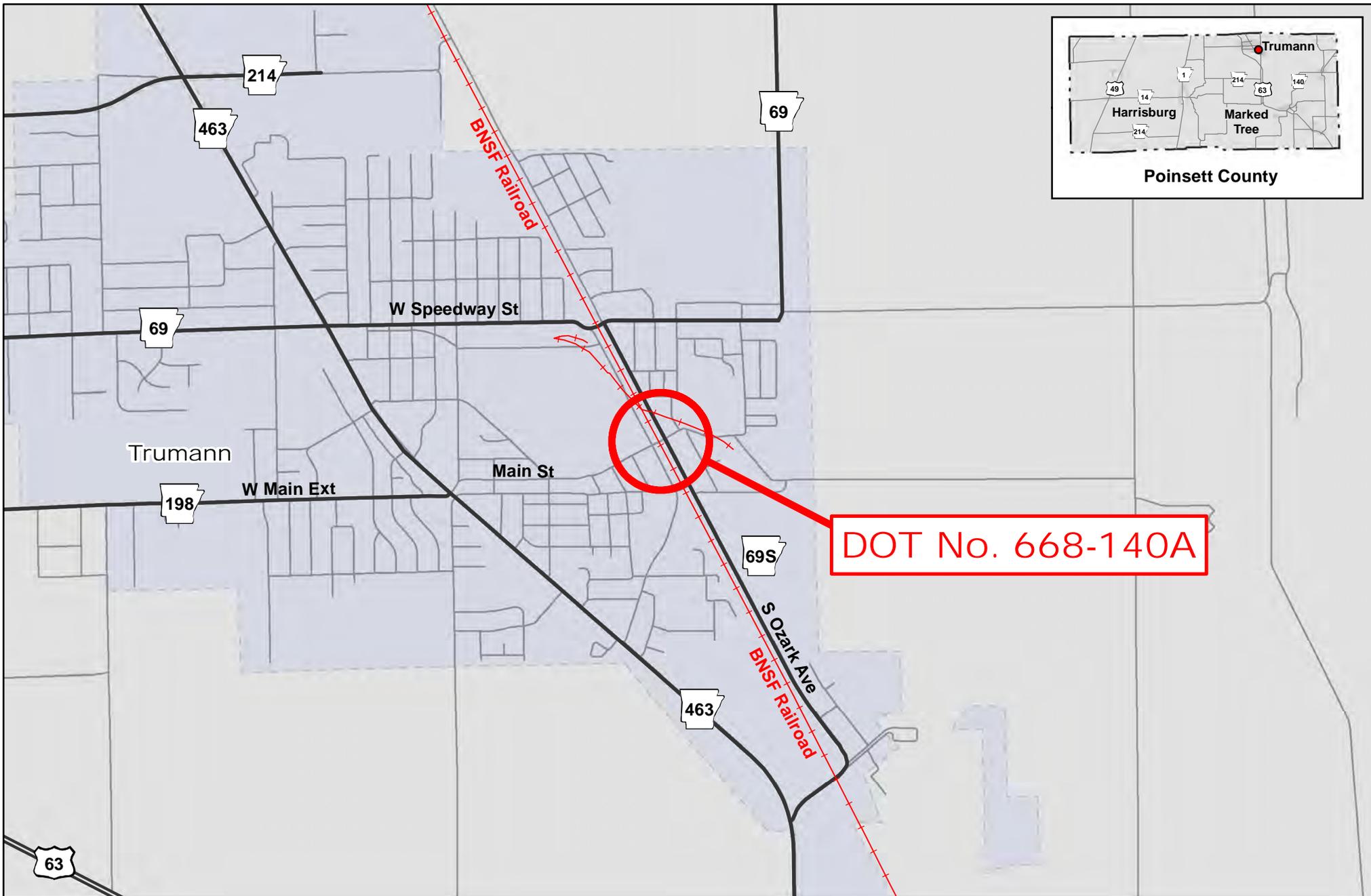


# Proposed Grade Crossing Improvement

## Henson Rd. - **Job 100822**

Jonesboro, Craighead County





# Proposed Grade Crossing Improvement

## Main St. - **Job 100823**

Trumann, Poinsett County



## AHTD ENVIRONMENTAL IMPACTS ASSESSMENT FORM

AHTD Job Number Various – see table FAP Number Various – see table

Job Title Railroad Safety Enhancement Projects - see table

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts	X			
Cultural Resources	X			
Economic	X			
Endangered Species	X			
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains	X			
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds	X			
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland	X			
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			
Relocates	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts	X			
Water Quality	X			
Wetlands	X			
Wildlife Refuges	X			

Section 401 Water Quality Certification Required? No  
 Short-term Activity Authorization Required? No  
 Section 404 Permit Required? No Type \_\_\_\_\_

Remarks: \_\_\_\_\_

Signature of Evaluator *Don Dick* Date 7/1/14