

# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** B 32-15

**Department Source:** Public Works

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** 2/2/2015

**Re:** 2015 Road Maintenance Cooperative Agreement with Boone County

## Documents Included With This Agenda Item

Council memo, Resolution/Ordinance, Exhibits to Resolution/Ordinance

**Supporting documentation includes:** None

## Executive Summary

Authorizing the City Manager to execute a Road Maintenance Cooperative Agreement with Boone County, Missouri for 2015. The cooperative agreement establishes the responsibilities of the City and County concerning maintenance of certain sections of roads.

## Discussion

Each year, the City and County evaluate roadways that are partially located within Columbia's city limits to determine appropriate maintenance treatments. Page 2 of the cooperative agreement with Boone County identifies the roads that will be chip and fog sealed by the County, and the roads scheduled for mill and overlay, and chip seal, by the City. Maintenance costs are included in Street Division's annual operating budget.

## Fiscal Impact

**Short-Term Impact:** The estimated cost of maintenance to be performed by the County is \$22,788.05. The estimated cost of maintenance to be performed by the City is \$27,288.14, a difference of \$4,500.09. If the actual cost of the work performed is as estimated, the County will pay the City the difference. Maintenance costs are included in Street Division's annual operating budget. **Long-Term Impact:** None with this agreement.

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Transportation

Strategic Plan Impact: Not Applicable

Comprehensive Plan Impact: Mobility, Connectivity, and Accessibility

## Suggested Council Action

Approve the legislation authorizing the City Manager to execute the 2015 Road Maintenance Cooperative Agreement with Boone County, Missouri.

# City of Columbia

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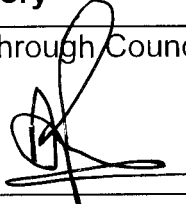


## Legislative History

A Road Maintenance Cooperative agreement is brought through Council on an annual basis.



Department Approved



City Manager Approved

Introduced by \_\_\_\_\_

First Reading \_\_\_\_\_

Second Reading \_\_\_\_\_

Ordinance No. \_\_\_\_\_

Council Bill No. \_\_\_\_\_ B 32-15

### **AN ORDINANCE**

authorizing a road maintenance cooperative agreement with Boone County, Missouri for 2015 pavement preservation projects; and fixing the time when this ordinance shall become effective.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Manager is hereby authorized to execute a road maintenance cooperative agreement with Boone County, Missouri for 2015 pavement preservation projects. The form and content of the cooperative agreement shall be substantially in the same form as set forth in "Exhibit A" attached hereto.

SECTION 2. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor and Presiding Officer

APPROVED AS TO FORM:

\_\_\_\_\_  
City Counselor

**BOONE COUNTY AND CITY OF COLUMBIA  
ROAD MAINTENANCE COOPERATIVE AGREEMENT**

**2015 Pavement Preservation Projects**

**THIS AGREEMENT** is entered into by and between Boone County, Missouri, through its County Commission, a political subdivision of the State of Missouri (hereinafter “Boone County”), and the City of Columbia, Missouri, a political subdivision of the State of Missouri (hereinafter “City”).

**WHEREAS**, County and City desire to cooperate with each other on the maintenance of certain roadways in which both County and City have certain maintenance obligations; and

**WHEREAS**, the parties are authorized pursuant to the provisions of RSMo §70.220 to enter into this cooperative agreement; and

**WHEREAS**, cooperation between the parties for the purposes herein stated is intended to benefit each through the containment and reduction of associated costs as well as provide for the preservation and maintenance of the impacted roadways.

**NOW, THEREFORE**, in consideration of the mutual covenants, promises and representations in this agreement, the parties agree as follows:

1. **PURPOSE:** The purpose of this agreement is to formalize the understanding between the parties regarding the sharing of costs associated with pavement preservation work to be done as part of the 2015 construction season.
2. **SHARED MAINTENANCE OBLIGATIONS:** Currently the County and the City have shared maintenance obligations for the roads referenced in the attached maps and herein. The purpose of this document is to formalize an agreement for the preventative maintenance of these roads in the 2015 construction season.
3. **LOCATION:**  
The locations of the shared cost projects can be found on the attached maps, which are incorporated herein by reference.
4. **WORK CONTEMPLATED:** County and City will perform, with its own forces or through a contractor, application of road oil, application of Osage River rock, Iron Mountain Trap Rock, or like aggregate, sweeping, and other associated preparatory work to complete the 2015 Preservation Chip Seal projects. County will, through a contractor, perform Fog Seal treatments using GSB-88 or other sealant. Some roads, as shown in the below tables, will receive both a Preservation Chip Seal and a Fog Seal. The City will perform with its own forces or through a contractor a 1.5” mill (concrete) and asphalt overlay. If paint striping is needed on a road, it will be the responsibility of the party that performed the projects as shown in this document.

5. COST: The costs for the Preservation Chip Seal projects, the Fog Seal projects, and the mill and asphalt overlay project were calculated based on the surface area of pavement to be treated in areas of responsibility for each party and are summarized below.

| 2015 Preservation Chip Seal Projects Performed by County |          |             |              |                      |                    |
|--|----------|-------------|--------------|----------------------|--------------------|
| Road Name  | Total SY | City Qty    | County Qty   | Unit Cost            | City Cost          |
| Wyatt Ln.  | 6,141    | 1,412 (23%) | 4,729 (77%)  | \$1.85               | \$2,612.20         |
| Bearfield Rd.  | 14,746   | 1,622 (11%) | 13,124 (89%) | \$1.85               | \$3,000.70         |
| Rock Quarry Rd.  | 6,922    | 1,177 (17%) | 5,745 (83%)  | \$1.85               | \$2,177.45         |
| Starke Ave.  | 5,954    | 1,965 (33%) | 3,989 (67%)  | \$1.85               | \$3,635.25         |
| Greenfield Ct.   | 2,336    | 234 (10%)   | 2102 (90%)   | \$1.85               | \$432.90           |
| Old Ridge Rd.  | 11,234   | 225 (2%)    | 11,009 (98%) | \$1.85               | \$416.25           |
| Hill Creek Rd.   | 18,848   | 754 (4%)    | 18,094 (96%) | \$1.85               | \$1,394.90         |
| Demaret Dr.  | 10,357   | 104 (1%)    | 10,253 (99%) | \$1.85               | \$192.40           |
|  |          |             |              | <b>Total</b>         | <b>\$13,862.05</b> |
|  |          |             |              | <b>Not to Exceed</b> | <b>\$15,200.00</b> |

| 2015 Fog Seal Projects Performed by County |          |             |              |                      |                   |
|--|----------|-------------|--------------|----------------------|-------------------|
| Road Name                                  | Total SY | City Qty    | County Qty   | Unit Cost            | City Cost         |
| Wyatt Ln.                                  | 6,141    | 1,412 (23%) | 4,729 (77%)  | \$1.00               | \$1,412.00        |
| Bearfield Rd.                              | 14,746   | 1,622 (11%) | 13,124 (89%) | \$1.00               | \$1,622.00        |
| Rock Quarry Rd.                            | 6,922    | 1,177 (17%) | 5,745 (83%)  | \$1.00               | \$1,177.00        |
| Starke Ave.                                | 5,954    | 1,965 (33%) | 3,989 (67%)  | \$1.00               | \$1,965.00        |
| Georgetown Dr                              | 11,657   | 816 (7%)    | 10,841 (93%) | \$1.00               | \$816.00          |
| Greenfield Ct.                             | 2,336    | 234 (10%)   | 2102 (90%)   | \$1.00               | \$234.00          |
| Old Ridge Rd.                              | 11,234   | 225 (2%)    | 11,009 (98%) | \$1.00               | \$225.00          |
| Hill Creek Rd.                             | 18,848   | 754 (4%)    | 18,094 (96%) | \$1.00               | \$754.00          |
| Demaret Dr.                                | 10,357   | 104 (1%)    | 10,253 (99%) | \$1.00               | \$104.00          |
| Bethel Ln.                                 | 2,682    | 617 (23%)   | 1,765 (77%)  | \$1.00               | \$617.00          |
|  |          |             |              | <b>Total</b>         | <b>\$8,926.00</b> |
|  |          |             |              | <b>Not to Exceed</b> | <b>\$9,800.00</b> |

| 2015 1.5" Concrete Mill & Asphalt Overlay Performed by City |          |             |            |                      |                    |
|---|----------|-------------|------------|----------------------|--------------------|
| Road Name   | Total SY | City Qty    | County Qty | Unit Cost            | County Cost        |
| Prairieview Dr.   | 4,084    | 3,390 (83%) | 694 (17%)  | \$10.86              | \$7,536.84         |
| Prairie Ln.   | 2,641    | 1,796 (68%) | 845 (32%)  | \$10.86              | \$9,176.70         |
|   |          |             |            | <b>Total</b>         | <b>\$16,713.54</b> |
|   |          |             |            | <b>Not to Exceed</b> | <b>\$18,400.00</b> |

| 2015 Preservation Chip Seal by City |          |              |             |                      |                    |
|-------------------------------------|----------|--------------|-------------|----------------------|--------------------|
| Road Name                           | Total SY | City Qty     | County Qty  | Unit Cost            | County Cost        |
| Richland Road                       | 17,862   | 12,146 (68%) | 5,716 (32%) | \$1.85               | \$10,574.60        |
|                                     |          |              |             | <b>Total</b>         | <b>\$10,574.60</b> |
|                                     |          |              |             | <b>Not to Exceed</b> | <b>\$11,600.00</b> |

Cost Summary:

|                          |  |
|--------------------------|--|
| \$ 13,862.05             | Preservation Chip Seal Performed by County             |
| \$ 8,926.00              | Fog Seal Performed by County                           |
| - \$ 16,713.54           | 1.5" Concrete Mill & Asphalt Overlay Performed by City |
| - \$ 10,574.60           | Preservation Chip Seal Performed by City               |
| <b>Total \$ 4,500.09</b> | <b>County owes to City</b>                             |

6. Method of Payment:

- (a) If the amount of work performed is of the same scope as what was estimated, the estimated quantity will be used for billing. If the scope of work is directed to be changed, the actual quantity of work performed will be used for billing.
- (b) The actual unit cost will be used for billing. The City will submit to the County actual costs for work performed by City or its contractor within 60 days of completion of the work or prior to December 1<sup>st</sup>, whichever comes first.
- (c) Upon the completion of all work, if the balance of the project totals is such that the County owes the City, the County will pay the City for the balance owed. If the City owes the County, the County will submit a bill to the City for the balance owed.

7. AUTHORITY: The individuals signing this agreement below certify that they have obtained the appropriate authority to execute this agreement on behalf of the respective parties.

**[SIGNATURES ON THE FOLLOWING PAGES]**

**IN WITNESS WHEREOF** the parties through their duly authorize representatives have executed this agreement effective as of the date of the last party and execute the same.

Executed by Boone County this \_\_\_\_ day of \_\_\_\_\_, 2015.

Executed by the City of Columbia this \_\_\_\_ day of \_\_\_\_\_, 2015.

**CITY OF COLUMBIA**

**BOONE COUNTY**

\_\_\_\_\_  
Mike Matthes, City Manager

\_\_\_\_\_  
Daniel Atwill, Presiding Comm.

ATTEST:

ATTEST:

\_\_\_\_\_  
Sheela Amin, City Clerk

\_\_\_\_\_  
Wendy S. Noren, County Clerk

**Director of Finance Certification:**

I hereby certify that this contract is within the purpose of the appropriation to which it is to be charged and that there is an unencumbered balance to the credit of such an appropriation sufficient to pay therefore. *110-6022-521.49-90*

**Boone County Auditor Certification:**

I hereby certify that a sufficient, unencumbered appropriation balance exists and is available to satisfy the obligation arising from this contract. (Note: Certification of this contract is not required if the terms of this contract do not create a measurable county obligation at this time.

\_\_\_\_\_  
John Blattell, Director of Finance      Date

\_\_\_\_\_  
June E. Pitchford, County Auditor      Date

APPROVED AS TO FORM:

APPROVED AS TO FORM:

\_\_\_\_\_  
Nancy Thompson, City Attorney

\_\_\_\_\_  
C.J. Dykhous, County Counselor



**2015 Pavement Preservation  
Shared Cost Projects  
Wyatt Ln - PCS & Fog Seal**



**Boone County  
Resource Management**  
BOONE COUNTY  
GOVERNMENT CENTER

801 E. WALNUT ROOM 315  
COLUMBIA, MO 65201-7730  
(573) 886-4480 FAX (573) 886-4340







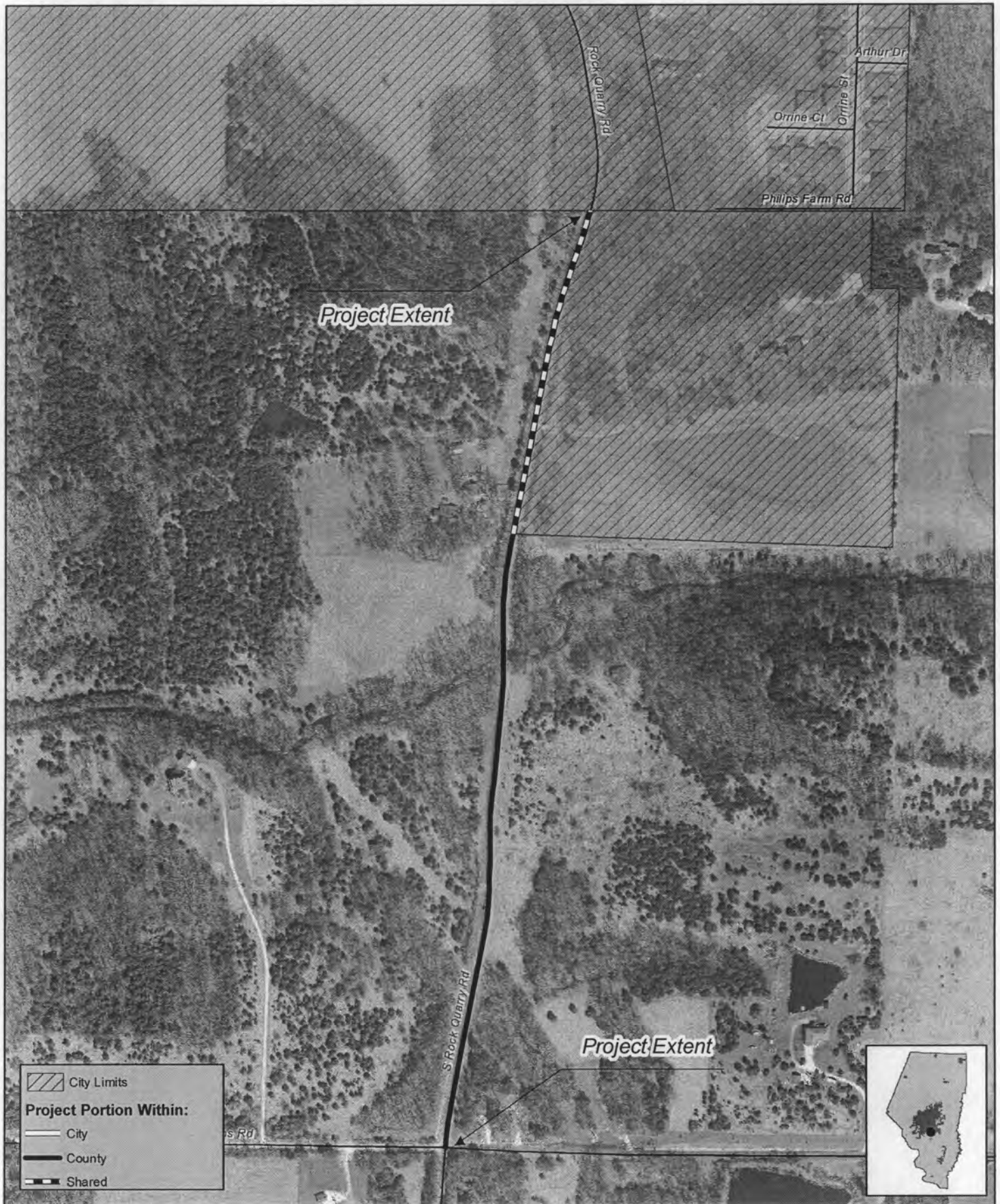
# **2015 Pavement Preservation Shared Cost Projects Bearfield Rd - PCS & Fog Seal**



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**2015 Pavement Preservation  
Shared Cost Projects  
Rock Quarry Rd - PCS & Fog Seal**

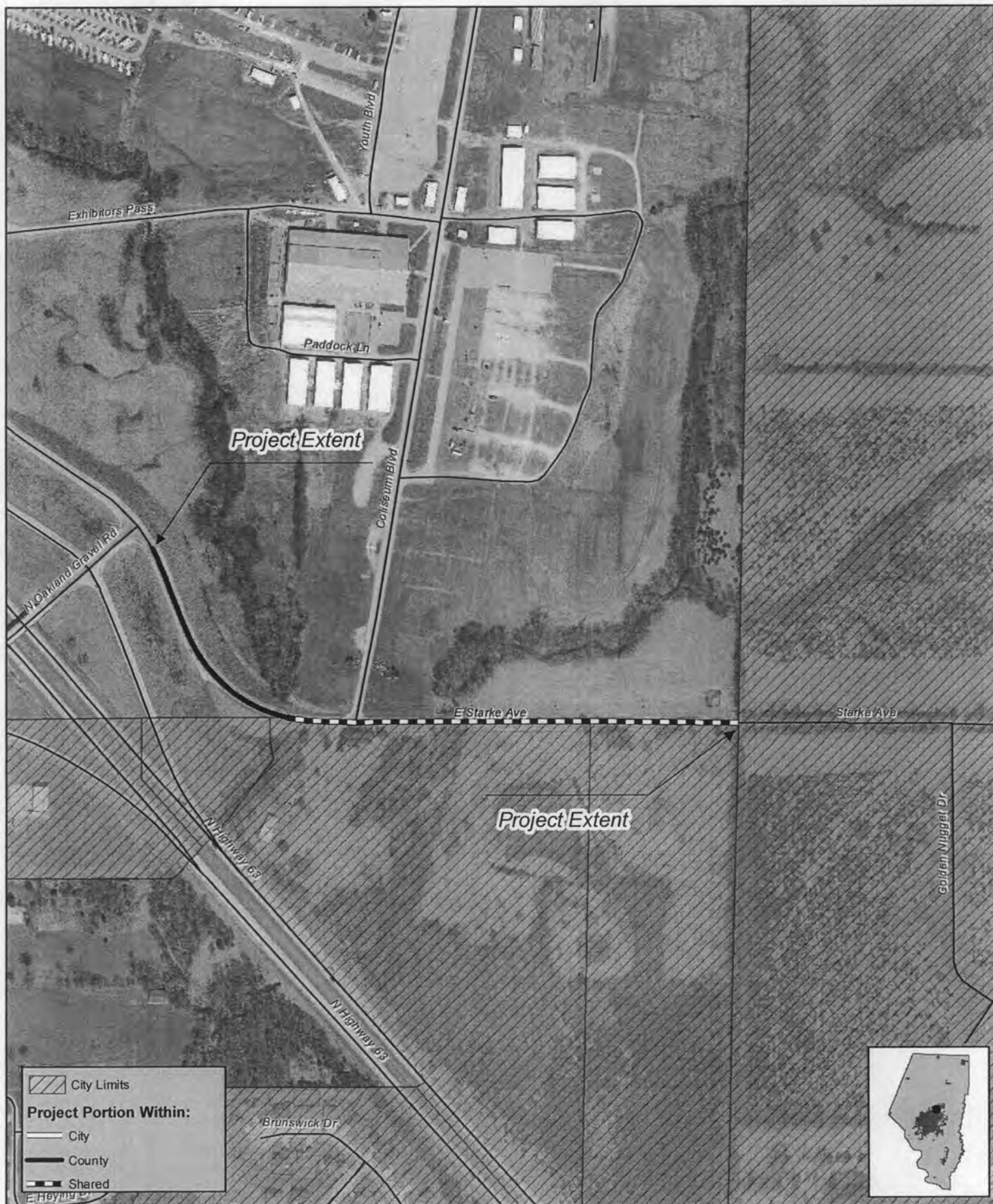


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**2015 Pavement Preservation  
Shared Cost Projects  
Starke Ave - PCS & Fog Seal**



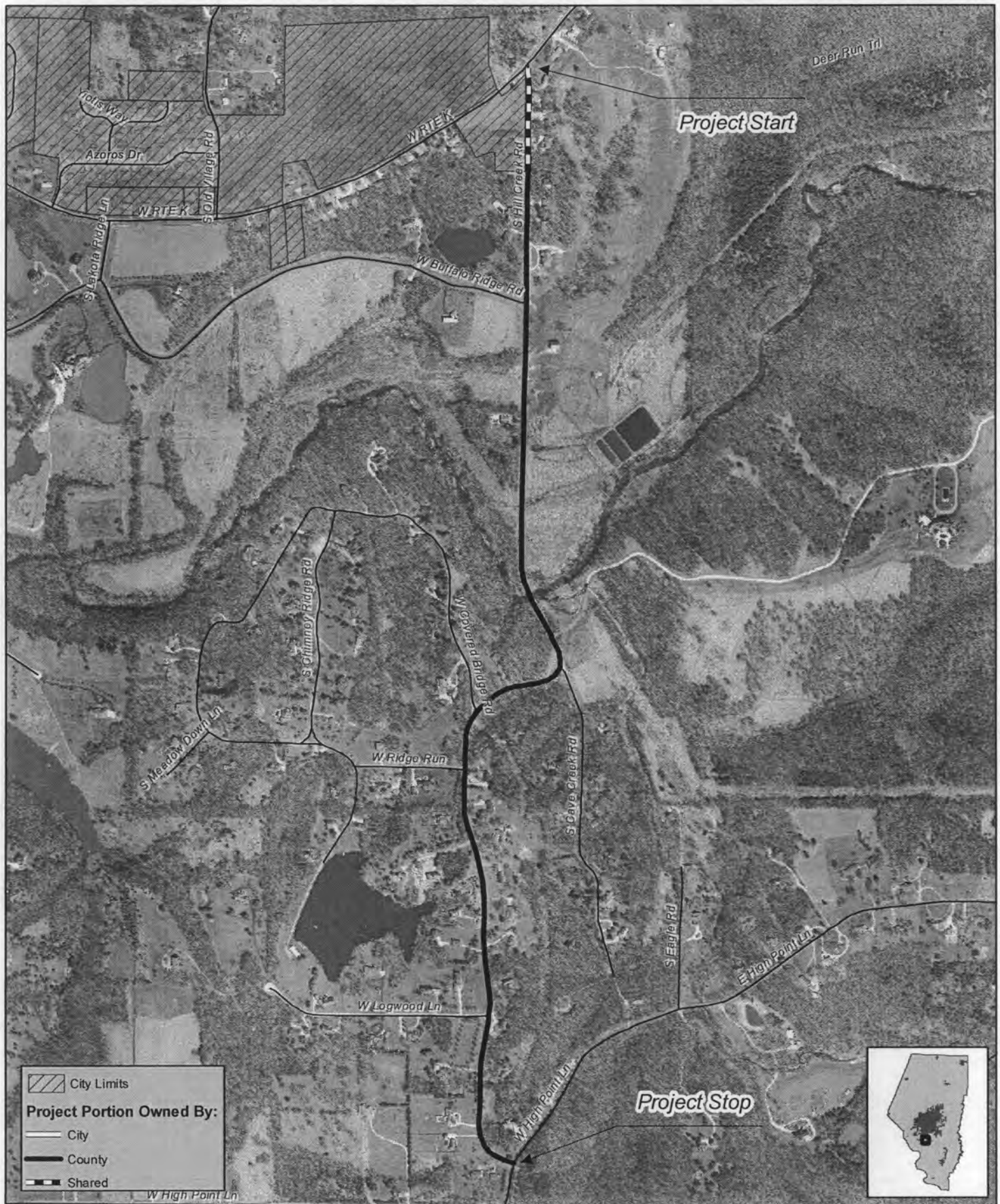
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**2015 Pavement Preservation  
Shared Cost Projects  
Hill Creek Rd - PCS & Fog Seal**



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**2015 Pavement Preservation  
Shared Cost Projects  
Demaret Dr - PCS & Fog Seal**

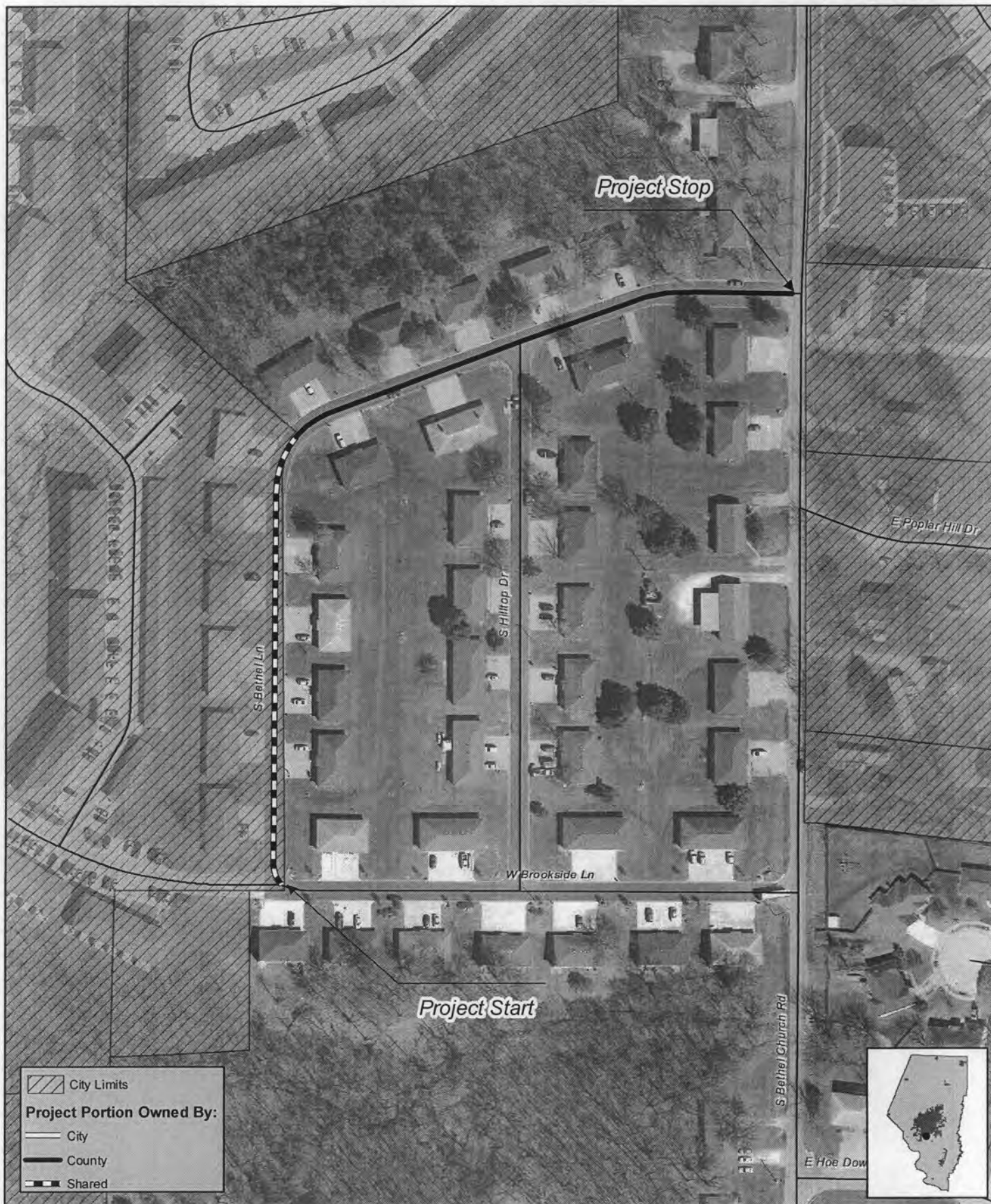


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**2015 Pavement Preservation  
Shared Cost Projects  
Bethel Ln - Fog Seal**



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**2015 Pavement Preservation  
Shared Cost Projects  
Prairie/Prairieview - Mill & Overlay**



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# **2015 Pavement Preservation Shared Cost Projects Richland Rd - PCS**



**Boone County  
Resource Management**  
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