

Source

Timothy Teddy

TO: City Council  
 FROM: City Manager and Staff   
 DATE: March 26, 2007  
 RE: Potential Projects for STP Enhancement funding

**EXECUTIVE SUMMARY**

Included below is a list of potential projects for submittal to MoDOT for federal STP Enhancement funding. Funding applications are due by May 16, 2007. The first five are Greenbelt trail and pedway projects that would implement additional portions of the Pednet Plan and the Metro Greenbelt/Trail Plan. The sixth project is the Providence Road pedway, which was one of three City applications last year. There is approximately \$2.43 million available this year in competitive Enhancement funding for projects in MoDOT's District 5. The maximum amount of Enhancement money to be awarded for any single project is \$500,000.

Fiscal Impact

YES

NO

Other Info.

**1. Hominy Branch Trail: Stephens Park to Woodridge Park \$1,320,000**

This project would provide a gravel trail connection from Stephens Lake Park to Woodridge Park in the vicinity of Regional Hospital. Included would be underpasses at US 63, Broadway, and St. Charles Road. The FY 2007 CIP shows this project being funded with Parks Sales Tax and grant funds. Enhancement funding could be used for a paved surface if desired.

**2. Hinkson Creek Trail to Rock Hill Park \$940,000**

This project would connect the Hinkson Creek Trail to Rock Hill Park, connecting the residential areas near East Campus to the Hinkson Trail system. Near Stadium and Old 63, a bridge crossing over to the west side of Hinkson Creek to the University owned land is required. From there, the concrete trail would follow the creek north along the MU bottom land, cross a bridge over Hinkson Creek to the Altis property (on the east side of Hinkson Creek) and continue north to the Bluffdale Drive cul-de-sac. At the point where the trail is directly on the east bank across from Rock Hill Park, the trail would bridge over Hinkson Creek a third time to connect to the Park and the veterinarian school at the end of Rollins

Road. This section of trail would require agreements with the University of Missouri. Projected costs for this trail section are \$940,000. This project is listed in the FY 2007 CIP as Hinkson Creek Phase III, and is allocated \$440,000 in Parks Sales Tax funding. The \$440,000 figure was estimated for the previous project scope which utilized a different trail route.

**3. Bear Creek Trail: Blue Ridge to Lange \$575,000**

This project would extend the Bear Creek Trail from Blue Ridge Road near Albert-Oakland Park to Lange Middle School. This would involve an underpass at Blue Ridge Road, about 3,333 lineal feet of gravel trail on City owned land and about 4000 lineal feet of gravel trail on acquired right of way (to be purchased from 1 property owner). The route would follow the northwest side of Bear Creek with several small side drainage crossings and an underpass utilizing the existing box culvert at Smiley Lane. Projected costs for this trail section are \$575,000 which includes \$200,000 for acquisition. The Bear Creek Trail is listed in the FY 2007 CIP as a 6-10 year project.

**4. Bear Creek Trail: Lange to Boone County Fairgrounds \$645,000**

This project would continue the Bear Creek Trail from Lange Middle School north to the Boone County Fairgrounds. This would involve an underpass under Oakland Gravel Road at Lange School and the acquisition of trail right of way from five property owners. Missouri Department of Transportation permission for routing the trail under State Highway 63 will be required. Projected costs for this trail project are \$645,000 including \$175,000 for acquisition of trail easements, property, or right of ways.

**5. County House Branch Trail: Twin Lakes to Stadium Blvd. \$774,880**

This project would link the existing trail system at the Twin Lakes Recreation Area, which connects to the MKT Trail, north to Stadium Boulevard. This would involve construction of a gravel surface trail. Projected costs for this trail project are \$774,880 including funds for acquisition of trail easements, property, or right of ways. The FY 2007 CIP shows this project with a greater scope (Twin Lakes to Cowan Drive) and shows it as unfunded with a project cost of \$1,375,000. A paved surface trail would raise the cost estimate.

**6. Providence Road Pedway: Southampton to Peachtree Drive \$422,000**

This project would provide a 10' wide pedway along the west side of the Providence Outer Roadway. This would create a pedestrian and bicycle connection from Rockbridge High School and the Columbia Career Center to the commercial district to the north. Permission would be needed from the Missouri

Department of Transportation to use their right-of-way along the west Outer Roadway. Projected costs for this pedway project are \$422,000. Last year, the City applied for Enhancement funds to construct a 10' wide pedway. If the Council wishes to pursue the same or a similar application, staff will need to coordinate design with the Columbia Public Schools. The School District is designing a five-foot sidewalk along the frontage as required by the Subdivision Regulations.

### DISCUSSION

Assuming the City would provide a of 40% of the project cost in order to maximize the number of ratings points received, the Bear Creek, County House Branch, and Providence Road pedway projects may be funded at or under the \$500,000 maximum. For the Hominy Branch and Hinkson Creek Trail projects, the City would have to pay a larger share of the cost.

For all of the projects, the amount of STP Enhancement funding and local match of 40% (or greater) are as shown in the attached table. The projects suggested have a total cost estimate of \$4,676,000, with a potential \$2,450,128 in Enhancement funds, and local match of \$2,226,752. Each of these projects have cost estimates based on the construction of gravel surface trails.

In last year's District 5 competition, 14 of 30 applications received funding. A total of \$3.08 million was available. The majority of projects were trails and sidewalks. Awards ranged from \$9,500 to \$500,000.

Staff recommends that Projects #1, #2 and #3 be the priority trail projects for submittal. All of these meet a number of the criteria to be used by the selection committee to rate the projects.

Project #1, Hominy Branch Trail, Stephens Park to Woodridge Park, is designated as a nature trail in the Bicycle/Pedestrian network component of the Transportation Plan. This trail is designated as a primary trail in the Metro Greenbelt/Trails Plan and Parks & Recreation Master Plan. As Parks sales tax funds of \$1,320,000 have been budgeted for this project, an Enhancement grant could used to cover the additional cost of constructing a hard surface trail.

Project # 2, the Hinkson Creek Trail to Rockhill Park connection, is designated as a primary trail in the Metro Greenbelt/Trails Plan and Parks & Recreation Master Plan. It is also

designated as a Nature Trail on the Bicycle/Pedestrian network of the Transportation Plan. This project would be a logical next step after completion of the Hinkson Creek Trail project section encompassed by two previously funded projects connecting Grindstone Nature Area to Stephens Lake Park. Parks sales tax of \$440,000 has been budgeted for this project and would more than cover the local match of 40%.

Project # 3, Bear Creek Trail, Blue Ridge Road to Lange Middle School, is designated as a primary trail in the Metro Greenbelt/Trails Plan and Parks & Recreation Master Plan. It is also designated as a portion of the Pednet backbone in the Bicycle/Pedestrian network component of the Transportation Plan. Discretionary sales tax funds for greenbelt acquisition could be used for the local match estimated at \$230,000.

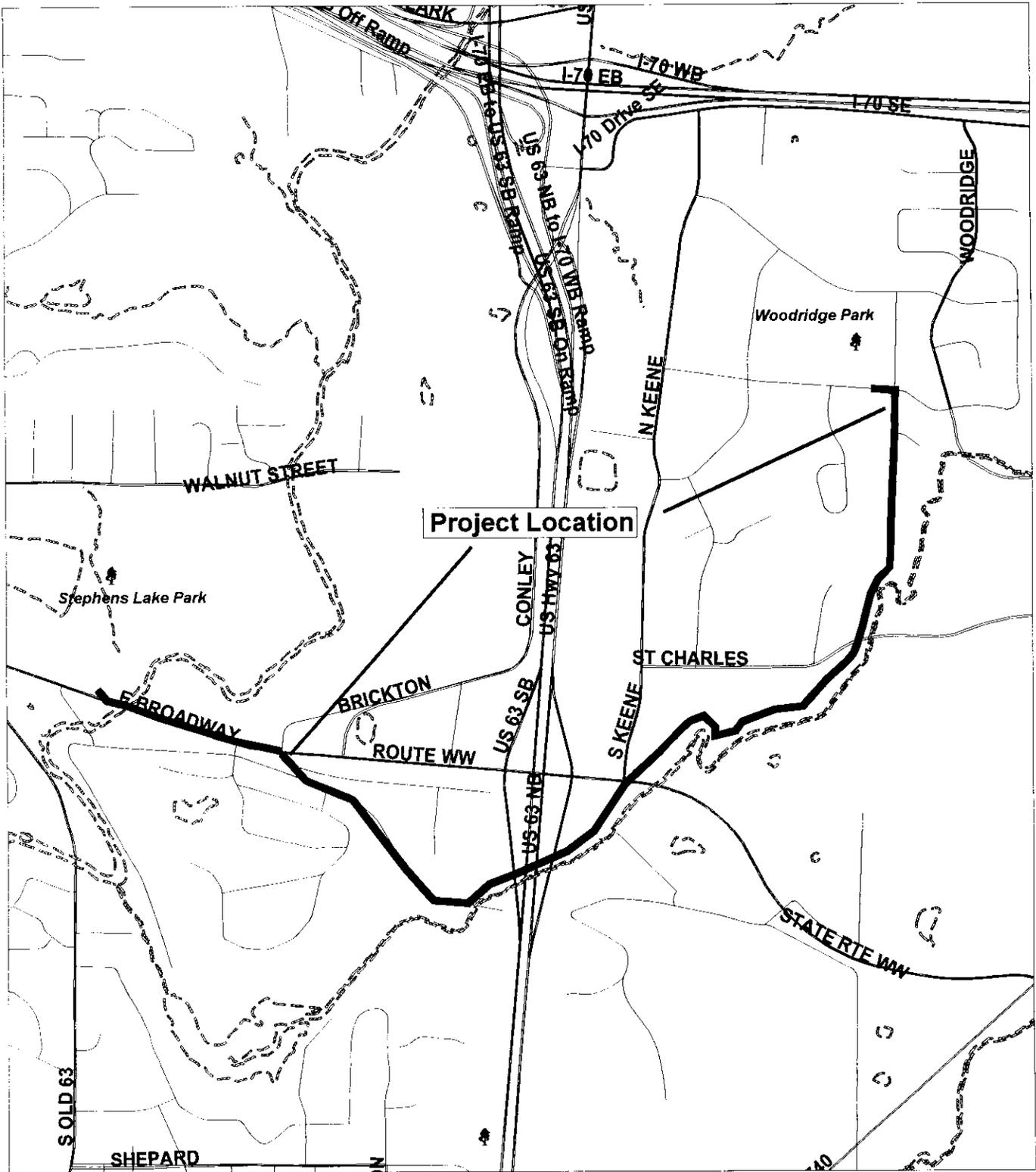
#### SUGGESTED COUNCIL ACTION

Staff has submitted separately a resolution setting a public hearing for Transportation Enhancement Grants, with the public hearing at the Council meeting of April 16, 2007.

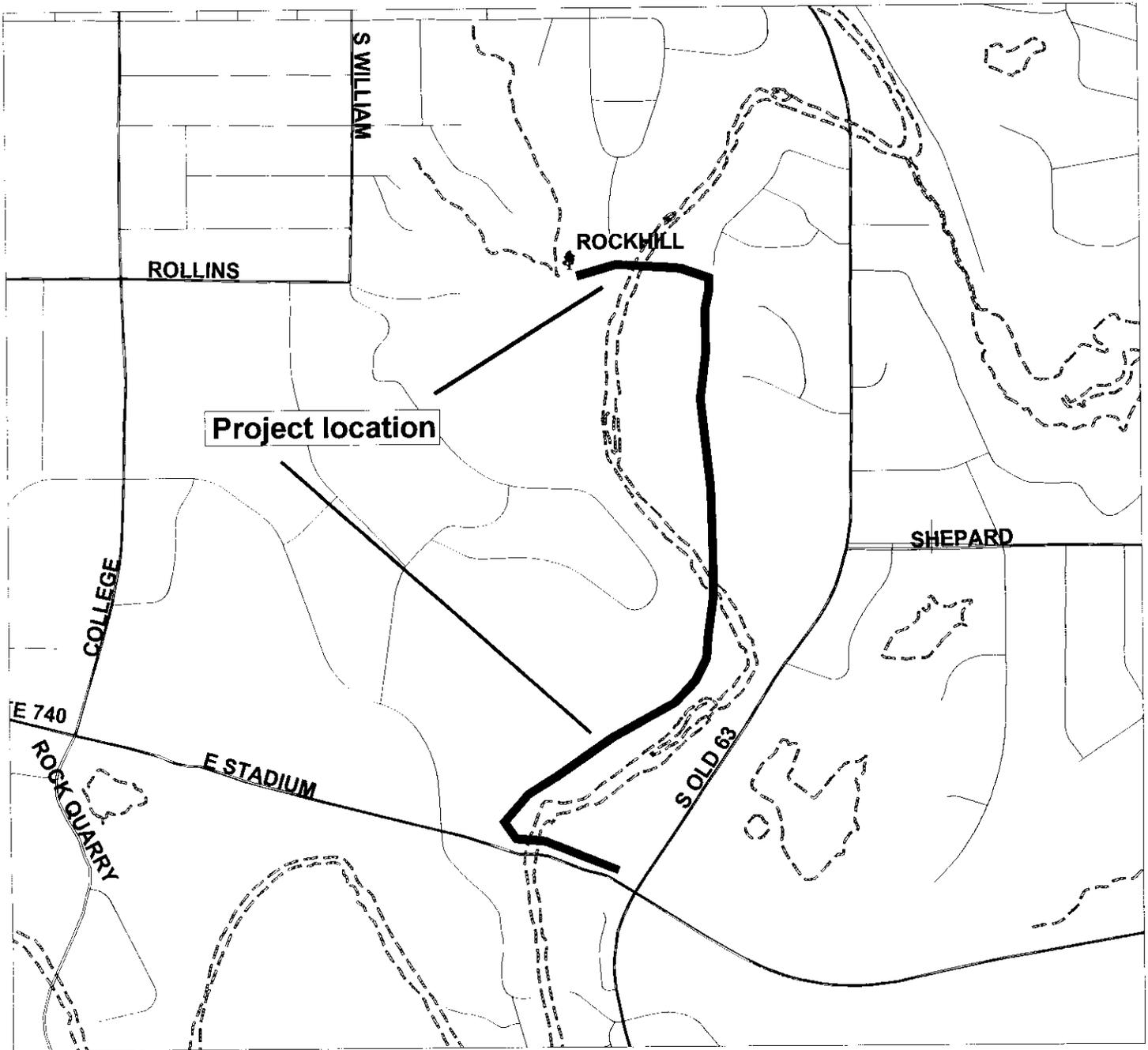
Staff suggests acceptance of the report.

<b>Proposed Project</b>	<b>Total Project Cost</b>	<b>Enhancement Funds</b>	<b>Local Match Required</b>
1. Hominy Branch Trail: Stephens Park to Woodridge Park	\$1,320,000	\$500,000	\$820,000
2. Hinkson Creek Trail to Rockhill Park	\$940,000	\$500,000	\$440,000
3. Bear Creek Trail: Blue Ridge to Lange Middle School	\$575,000	\$345,000	\$230,000
4. Bear Creek Trail: Lange to BoCo Fairgrounds	\$645,000	\$387,000	\$258,000
5. County House Branch Trail: Twin Lakes to Stadium Blvd.	\$774,800	\$464,928	\$309,952
6. Providence Road Pedway: Southampton to Peachtree Drive	\$422,000	\$253,200	\$168,800
<b>Totals</b>	<b>\$4,676,800</b>	<b>\$2,450,128</b>	<b>\$2,226,752</b>

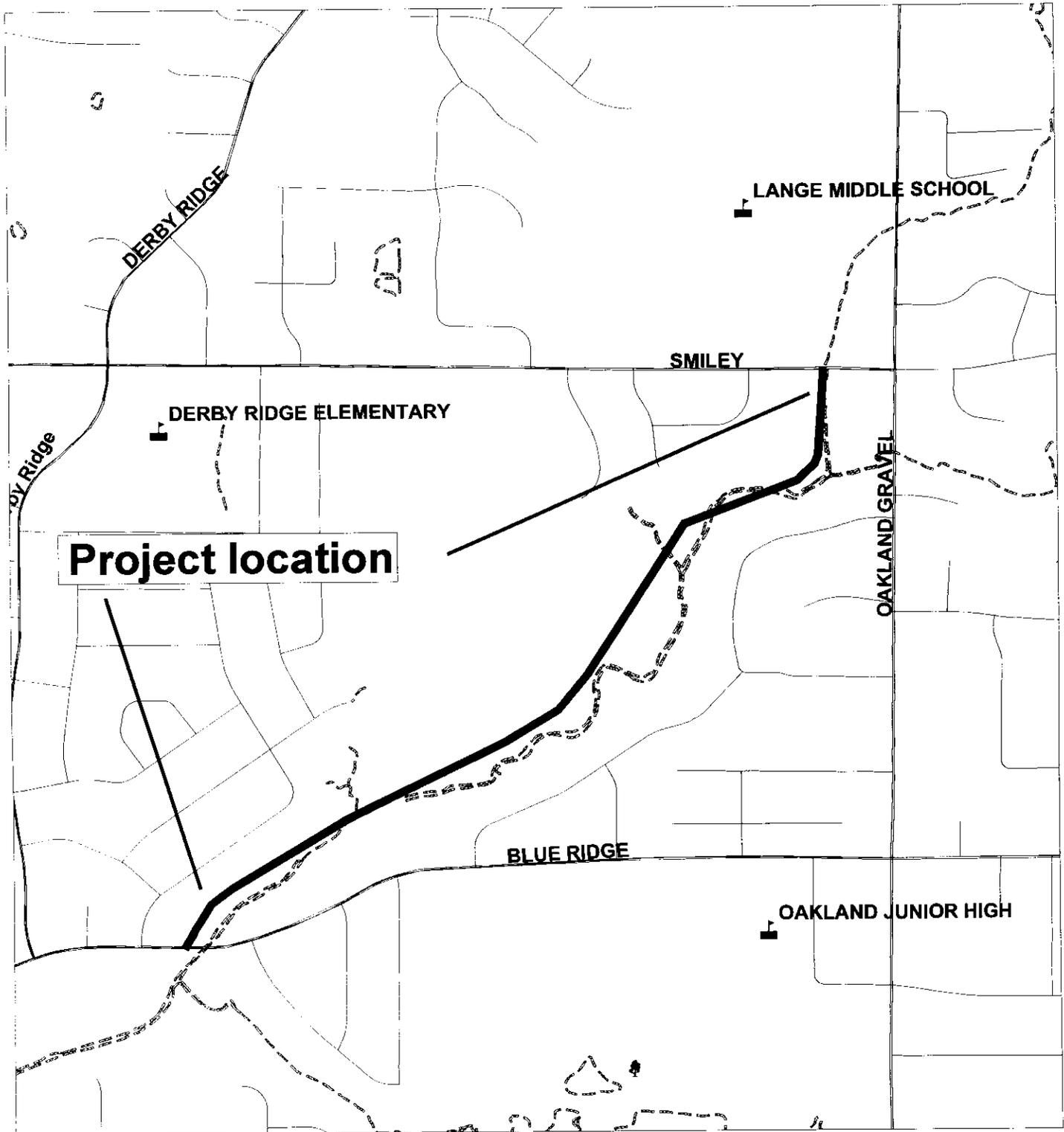
*Note: All trail estimates are based on gravel trail surfaces*



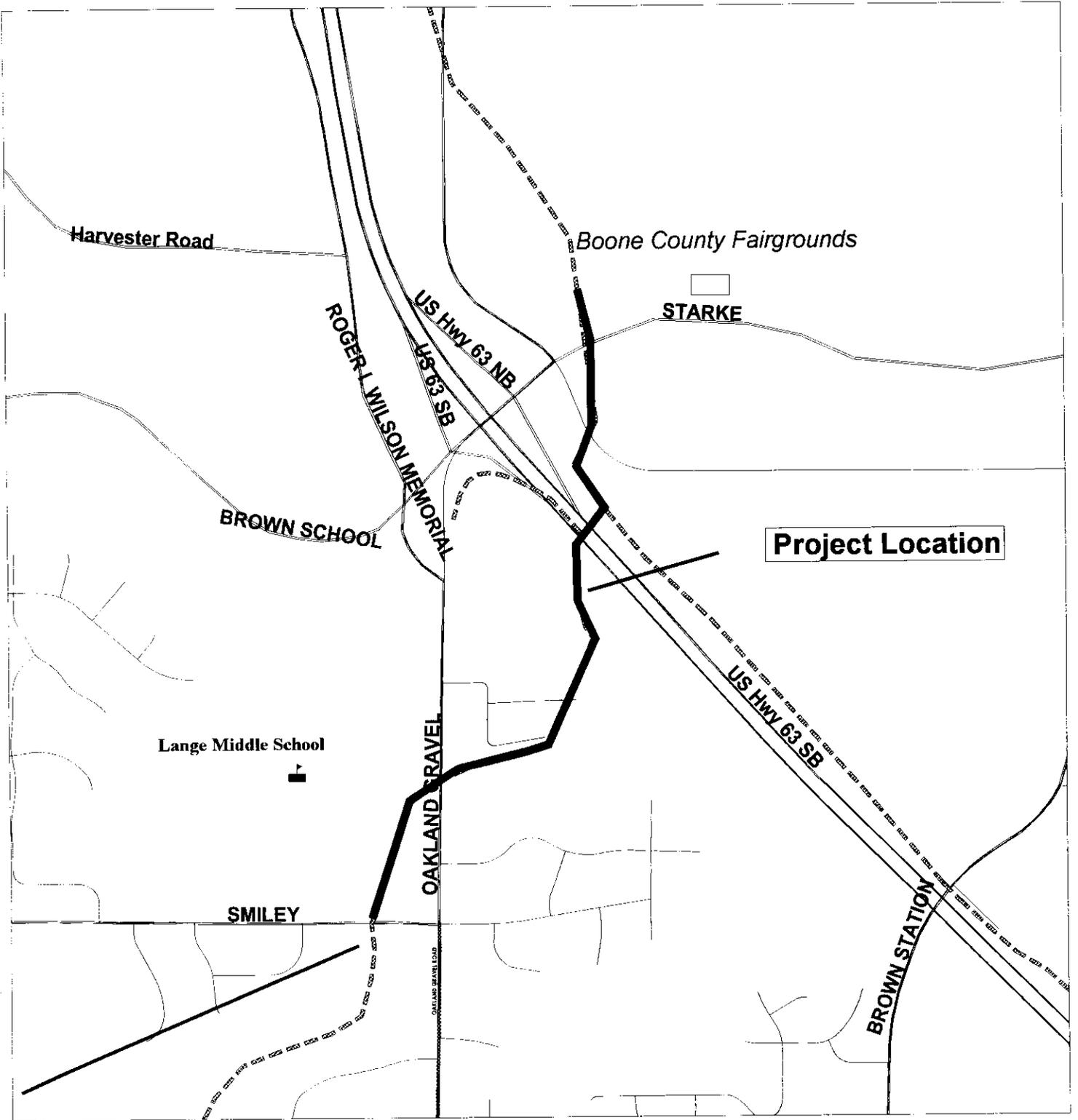
## Proposed Hominy Branch Trail Stephens Lake Park to Woodridge Park



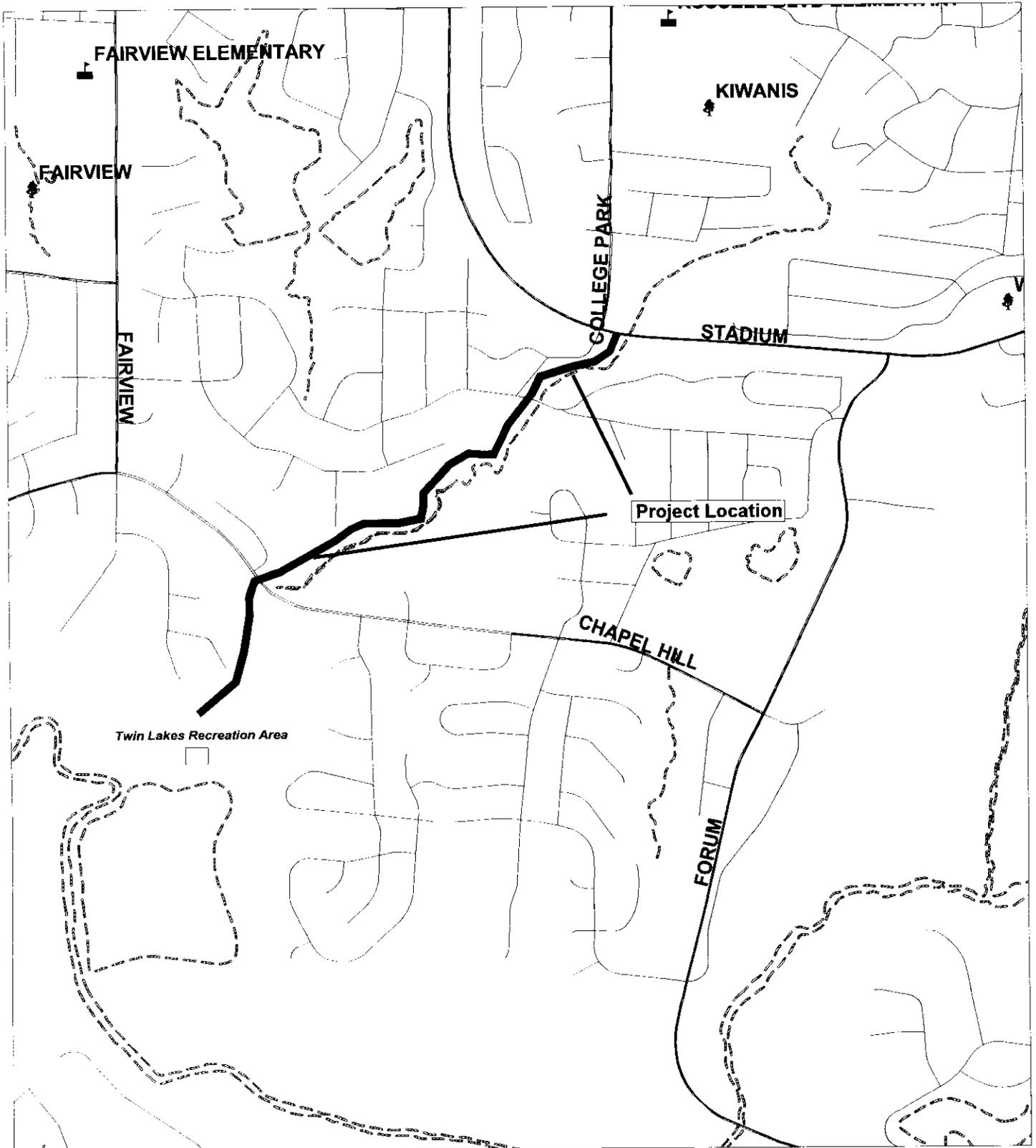
**Proposed Hinkson Creek Trail Extension  
to Rockhill Park**



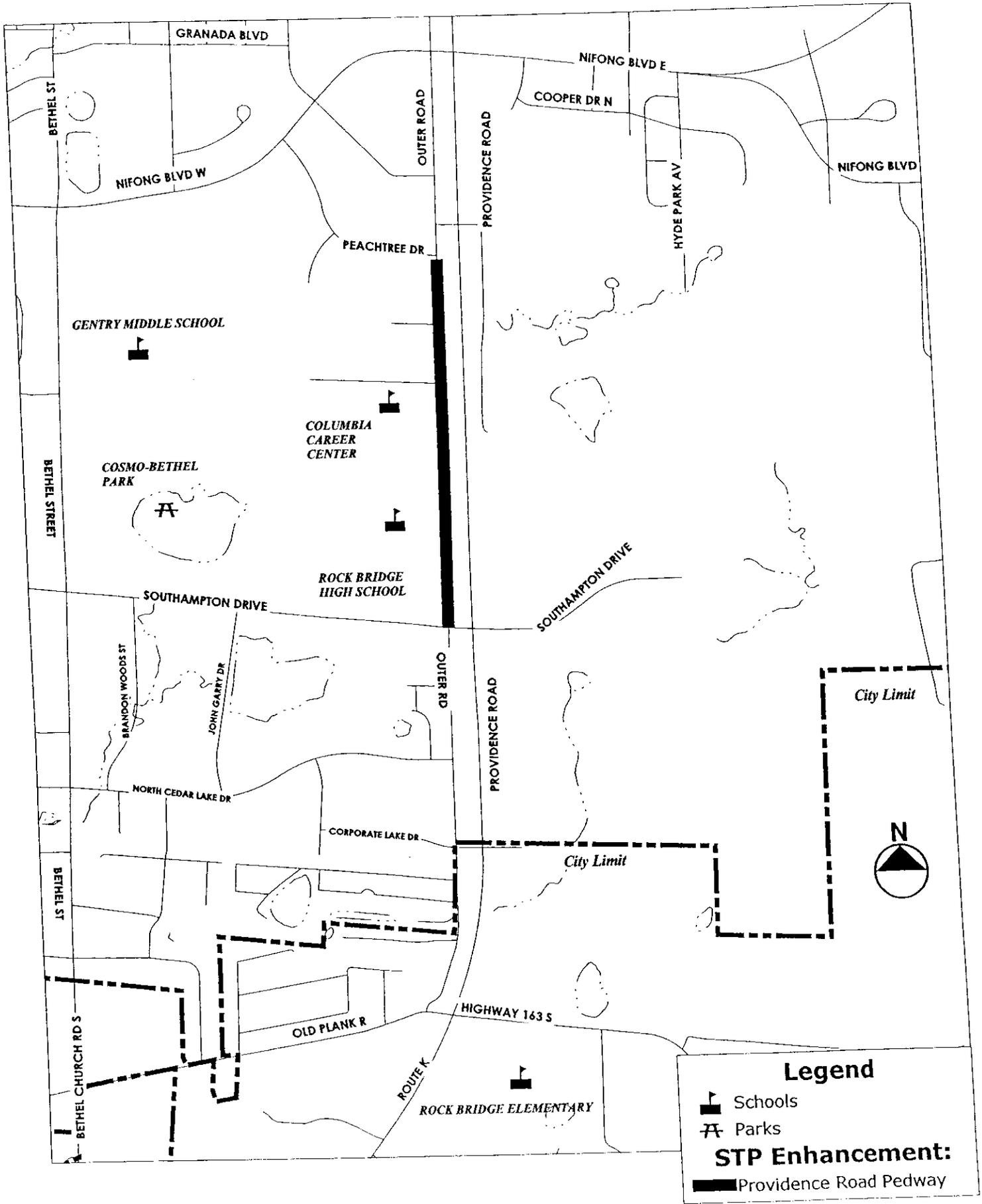
**Proposed Bear Creek Trail Extension  
Blue Ridge Road to Lange Middle School**



# Proposed Bear Creek Trail Extension Lange Middle School to Boone County Fairgrounds



**Proposed County House Trail  
Twin Lakes Recreation Area to Stadium Boulevard**



**Legend**

-  Schools
-  Parks

**STP Enhancement:**

 Providence Road Pedway