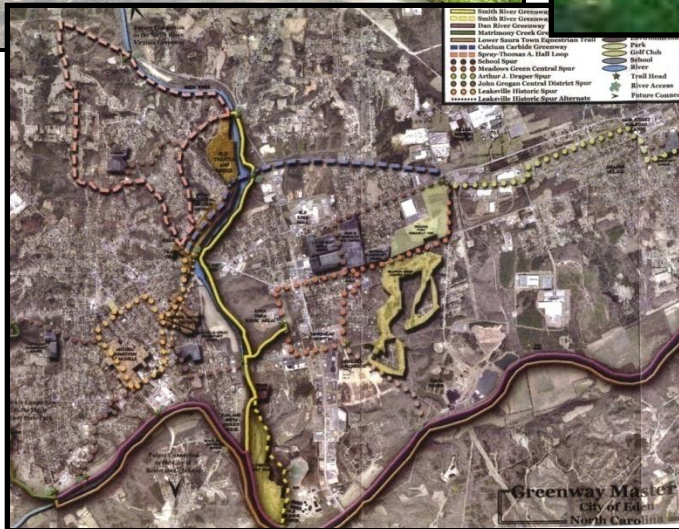
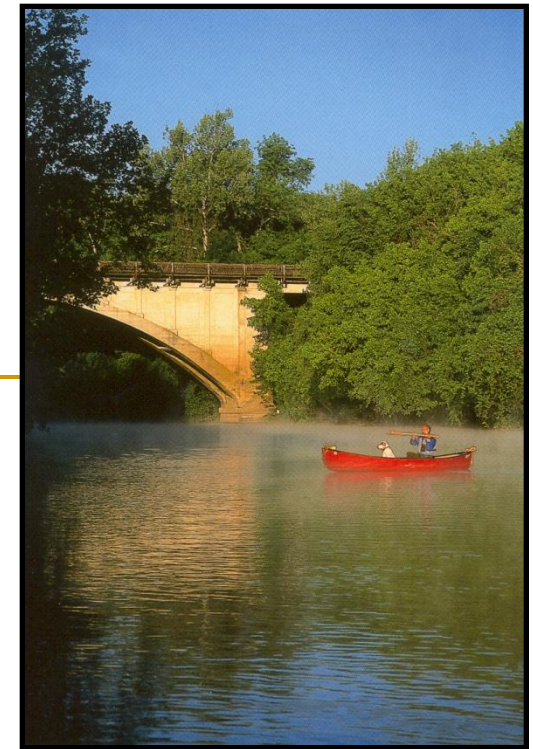
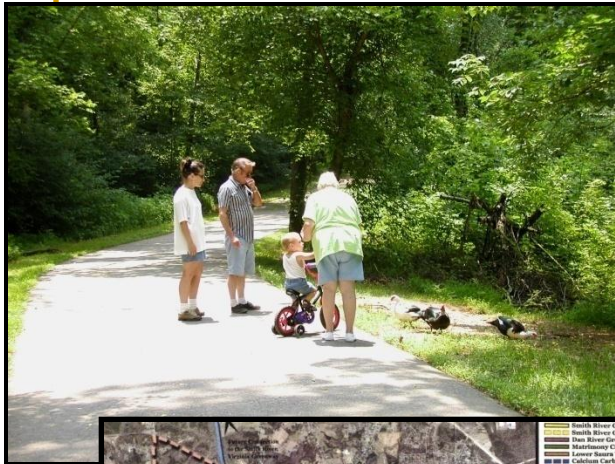


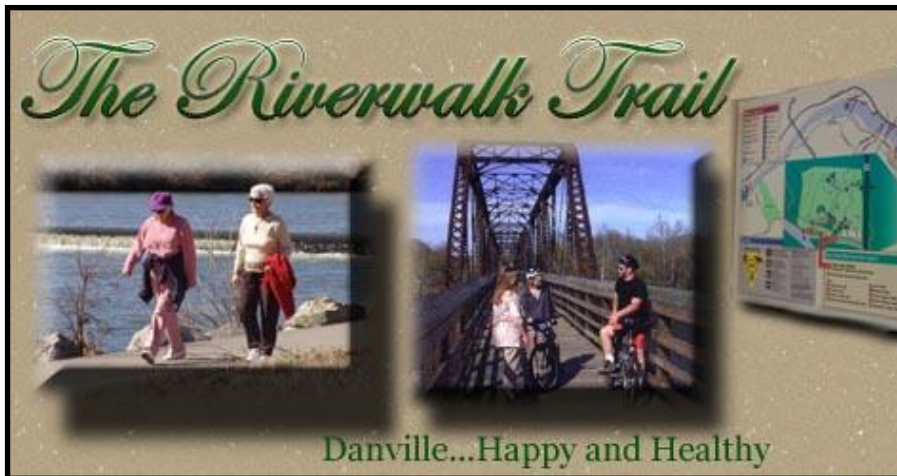
Eden Greenway Program

Planning & Inspections – Parks, Recreation & Facility Maintenance
2012 Budget Retreat



Trails in Nearby Communities

- Danville, Martinsville & Henry Co., VA already have active greenway programs
- Mayo River State Park will draw visitors to Western Rockingham County



Trails in Nearby Communities

- **Reidsville Greenway** connects Jaycee Park with Middle and High Schools



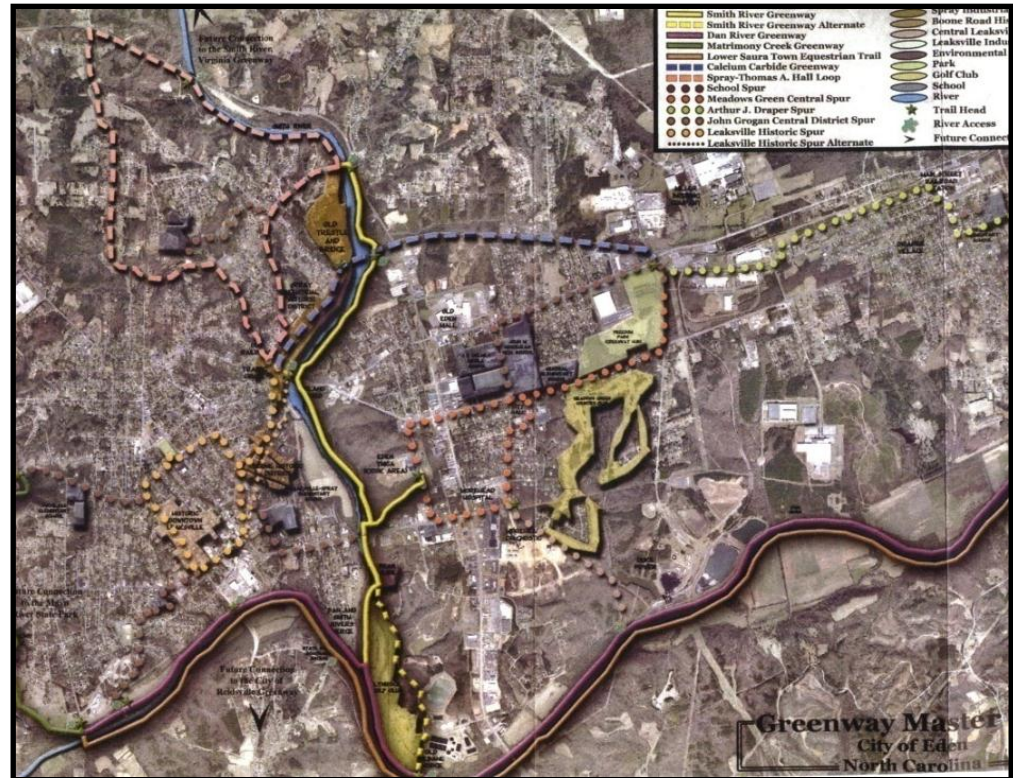
Trails in Nearby Communities

- **Chinqua Penn Trail**, rustic walking trail on Chinqua Penn Plantation property



Eden Greenway Master Plan Project Proposals & Projected Costs

- Master Plan proposes **Primary, Secondary & Spur Trails**, including equestrian trails.
- Trails centered around the rivers and would (eventually) reach all major areas of town.
- Master Plan is a **comprehensive 30-year plan**.



Eden Greenway Program

Possible Funding Sources

- **PART F Grants:** Funds available in an annual cycle for park construction including greenways and/or pedestrian ways. Program requires a 50/50 match. Application would need to be prepared and submitted by January 2013.
 - **NC Recreational Trails Program:** The City can apply for a grant from this program for greenways/pedestrian ways. No clear evidence whether the Federal government is going to fund this program in 2012. Amount the State usually receives is approximately \$1,600,000. Average grant is \$75,000.
-

Eden Greenway Program

Possible Funding Sources

- **Federal Land and Water Conservancy:** Funding level is not determined for this program for 2012. If funded, requires a 50/50 match with a maximum grant of \$250,000.
 - **NCDOT:** Mike Mills, Division 7 District engineer, has indicated that DOT may have small amounts of funds to help with trail sections, provided they connect to a DOT arterial road, such as the sidewalk on King's Highway.
 - **CDBG:** Program has been changed so that there is no opportunity for funding for trails or pedestrian ways.
-

Eden Greenway Program

Fundraising

- Around the country efforts are made to create public/private partnerships to build and maintain trail systems.
 - The City can create a permanent trail fund to accept donations and contributions. These can be public and private funds.
-

Eden Greenway Program

Where Are We Now?



Eden Greenway Program

Smith River Greenway - Today

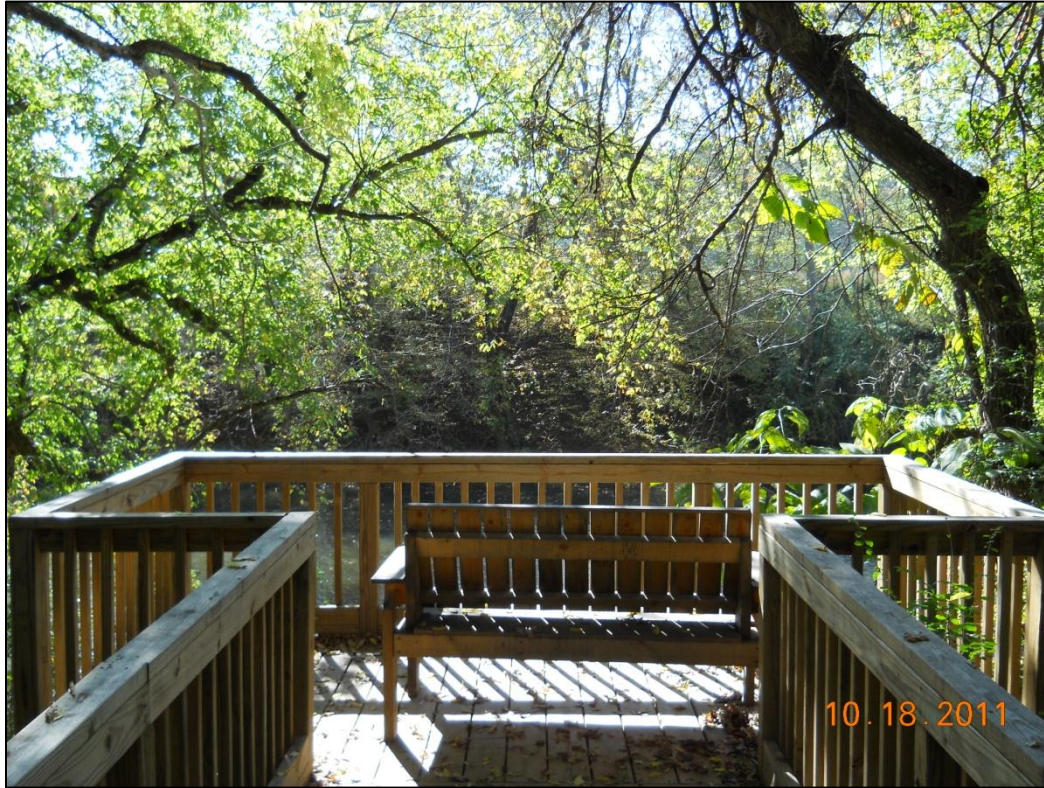


Meadow Road Trailhead Entrance,
Shelter and River Access



Eden Greenway Program

Smith River Greenway - Today



Smith River Observation Deck



Eden Greenway Program

Smith River Greenway - Today



Views along the trail

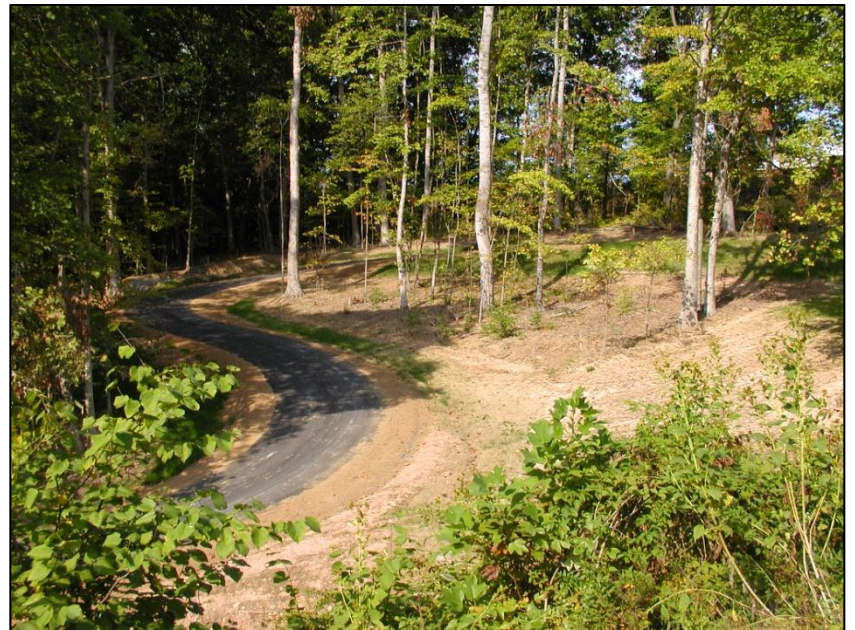


Eden Greenway Program

Smith River Greenway - Today



Kennedy Street / YMCA Entrance



Eden Greenway Program

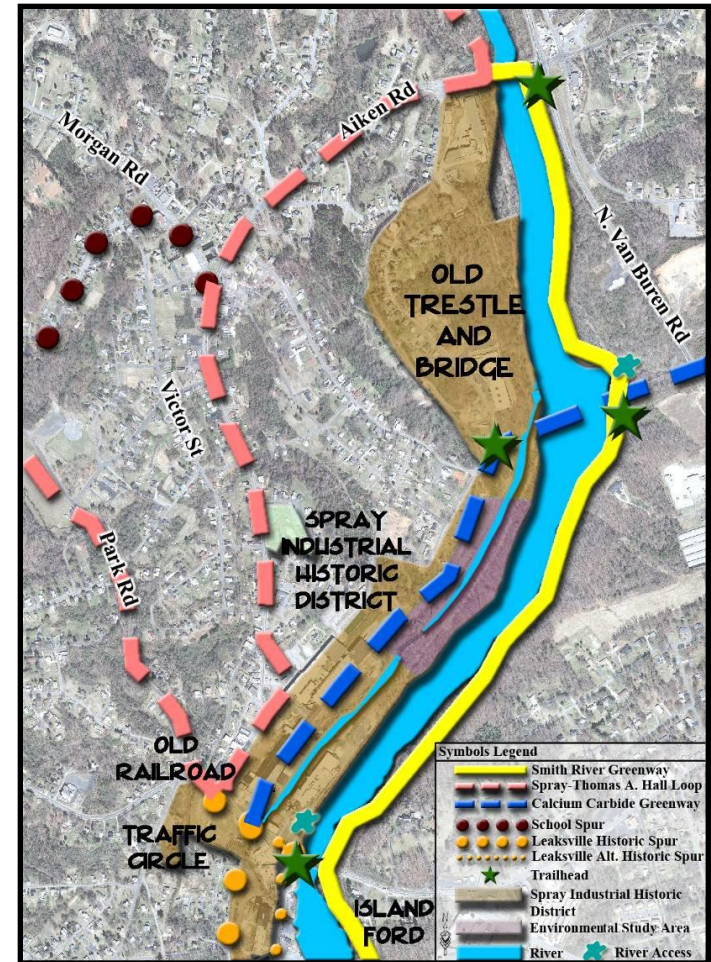
What's Next?



Eden Greenway Program

Next Step Recommendations

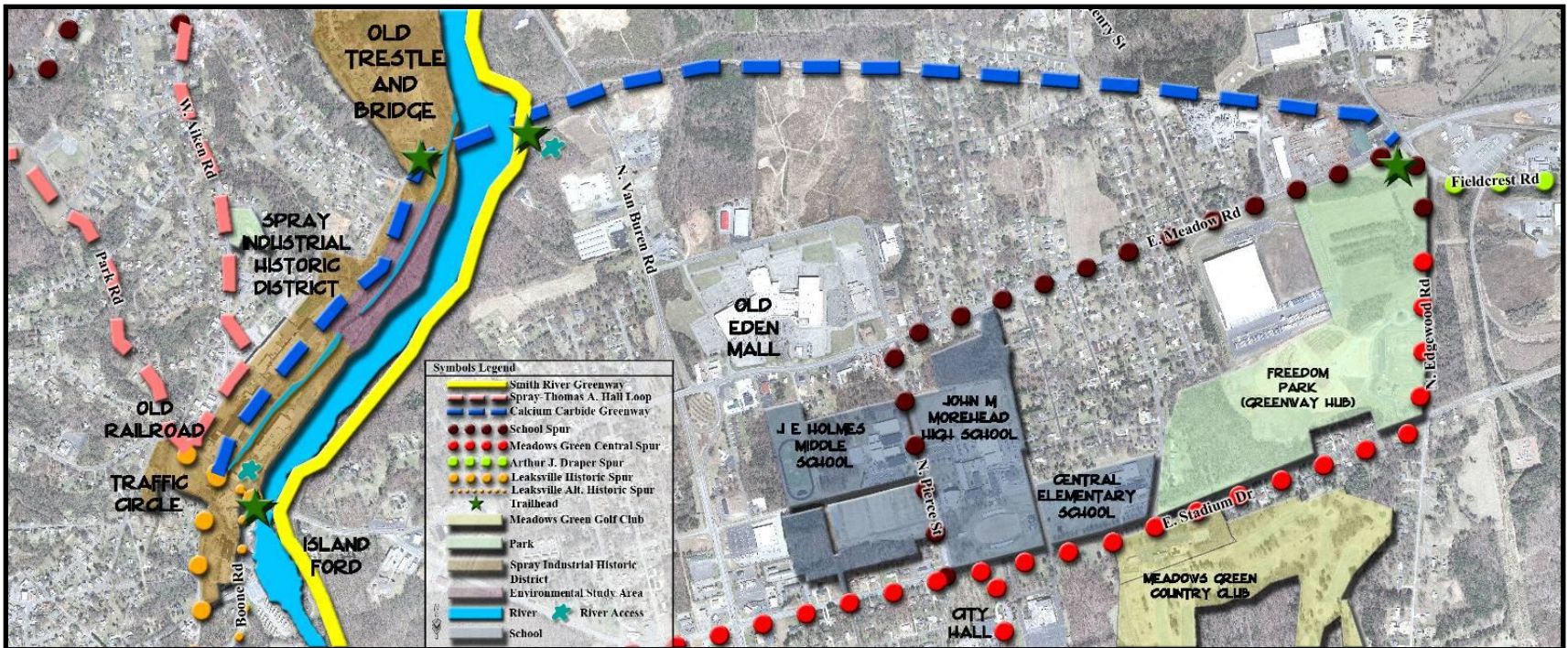
- Extend Smith River Greenway north from Island Ford Bridge to abandoned railroad trestle
- Follows existing sewer outfall
- Centrally located
- Accessible to Spray Traffic Circle area & Historic District
- Protection of Smith River area
- Amenities include picnic shelter, kiosks & signage



Eden Greenway Program

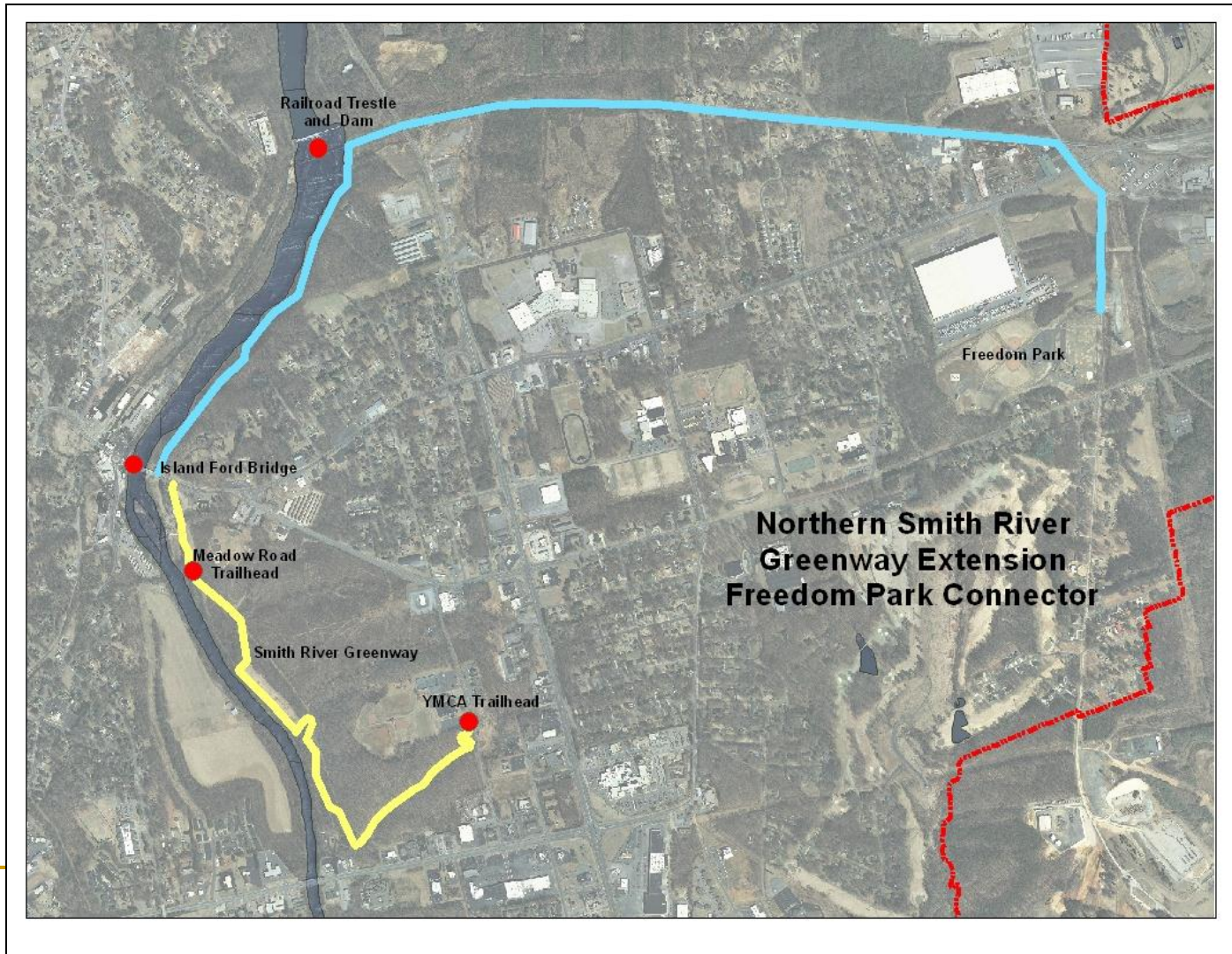
Next Step Recommendations

- Construct connector trail east from railroad trestle to Freedom Park
- Follows abandoned railroad bed to abandoned trestle and dam
- Connects Smith River Greenway to schools and Freedom Park



Eden Greenway Program

Next Step Recommendations



Smith River to Freedom Park Budget Estimate

Item No.	Item Description	Quantity	Unit	Unit Cost	Total Cost
1	10 ft. wide granite screenings greenway	2.8	Mile	\$686,400	\$1,921,920
2	Professional Services				\$384,384
3	Construction Observation (Approx. 85 days)				\$125,000
4	Construction Administration				\$60,000
5	Legal Administration @ 3%				\$57,658
6	Grant Recipient's Administrative Cost @ 3% of Construction Cost				\$57,658
7	Easement & Right of Way Acquisition				\$100,000
Subtotal					\$2,706,619
Project Contingencies @ 15% of Subtotal					\$405,993
Current Budgetary Estimate					\$3,112,612

Notes:

1. Easement & right-of-way acquisition assumes the railroad will be donated to the City at little to no cost. Easements & land costs are based on tax value plus 20% contingency.
2. No mitigation; assume impacts to streams & wetlands are below threshold.

Eden Greenway Program

Next Step Recommendations

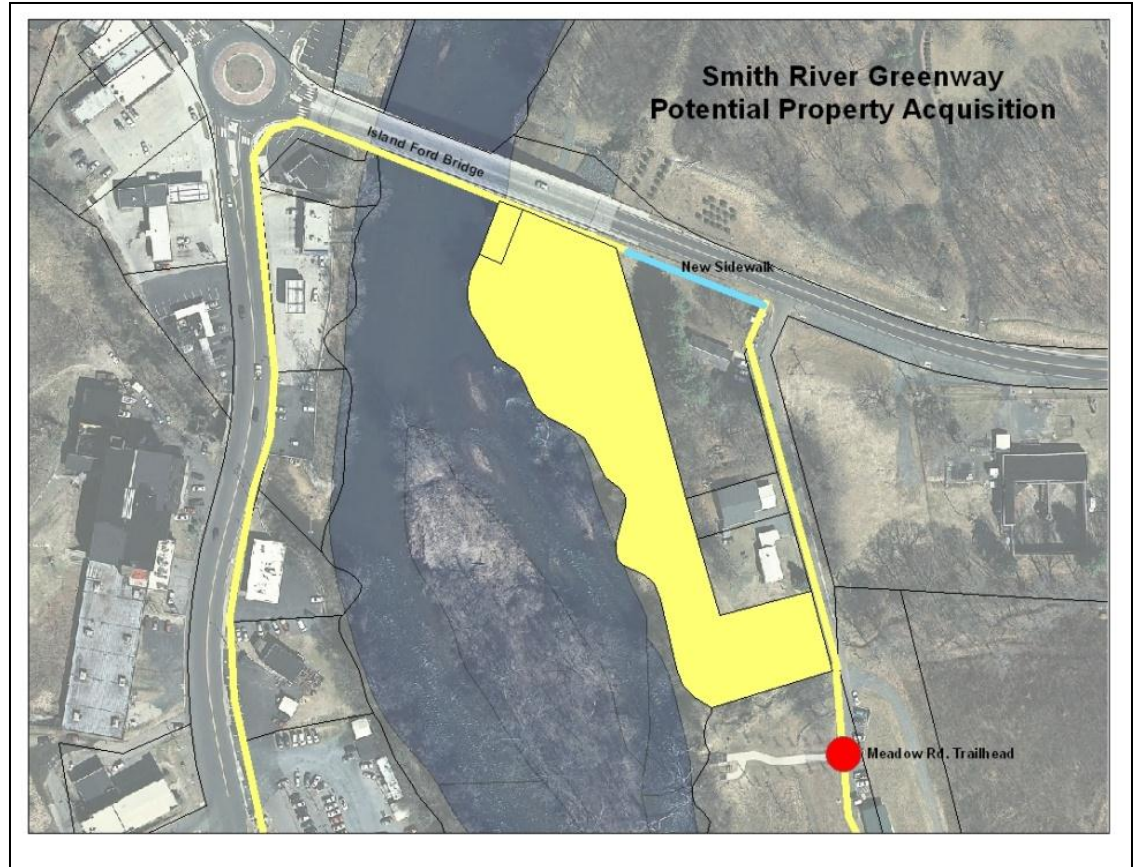
- Connect existing greenway to Kings Highway sidewalk by opening “paper street” for pedestrians only
- Use existing sidewalks on Kings Highway & Boone Road to Island Ford Bridge to create a loop
- Install approx. 175 ft. of sidewalk from Island Ford Bridge to connect to existing greenway trailhead at Meadow Road (done by City staff – cost \$2,000)



Eden Greenway Program

Next Step Recommendations

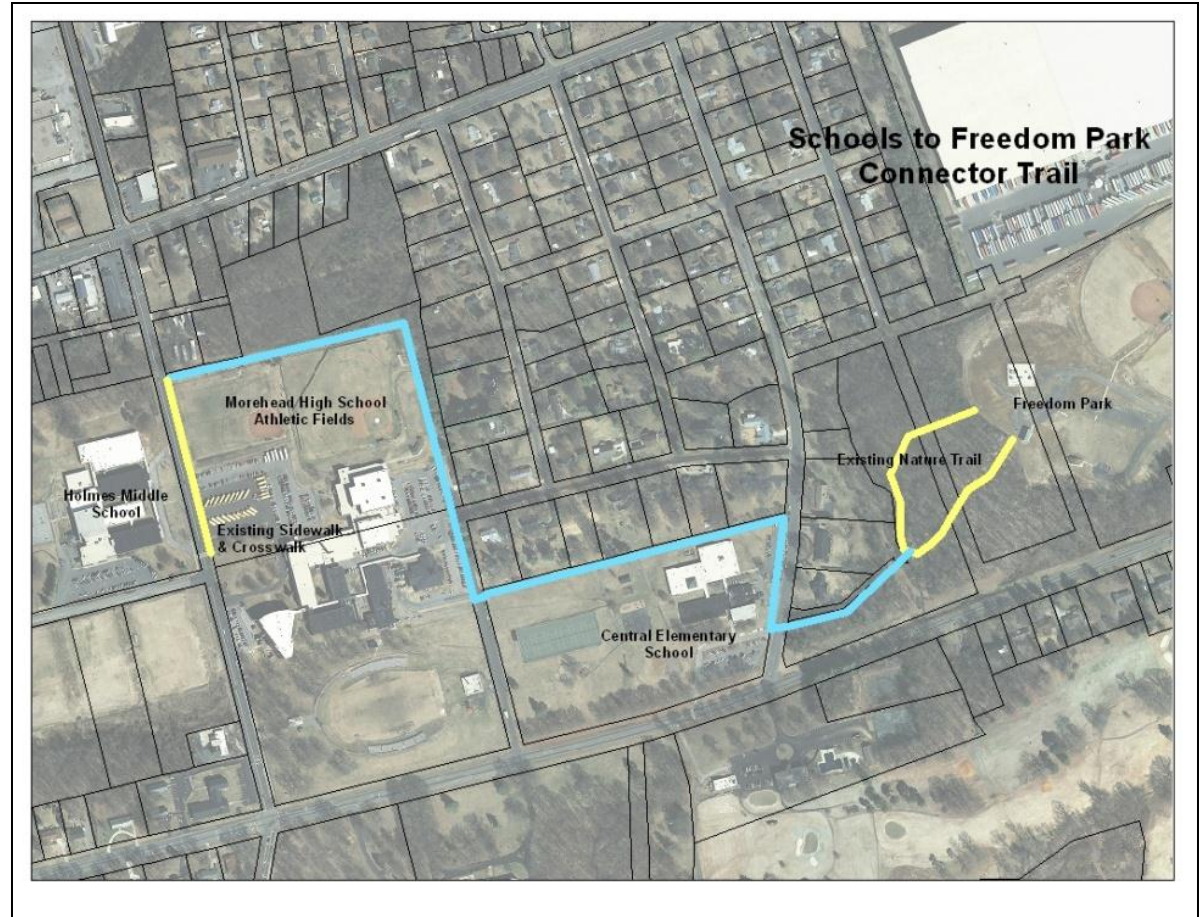
- Purchase property between existing Smith River Greenway and Island Ford Bridge
- Provides access to proposed northern extension of greenway
- Protection of Smith River



Eden Greenway Program

Next Step Recommendations

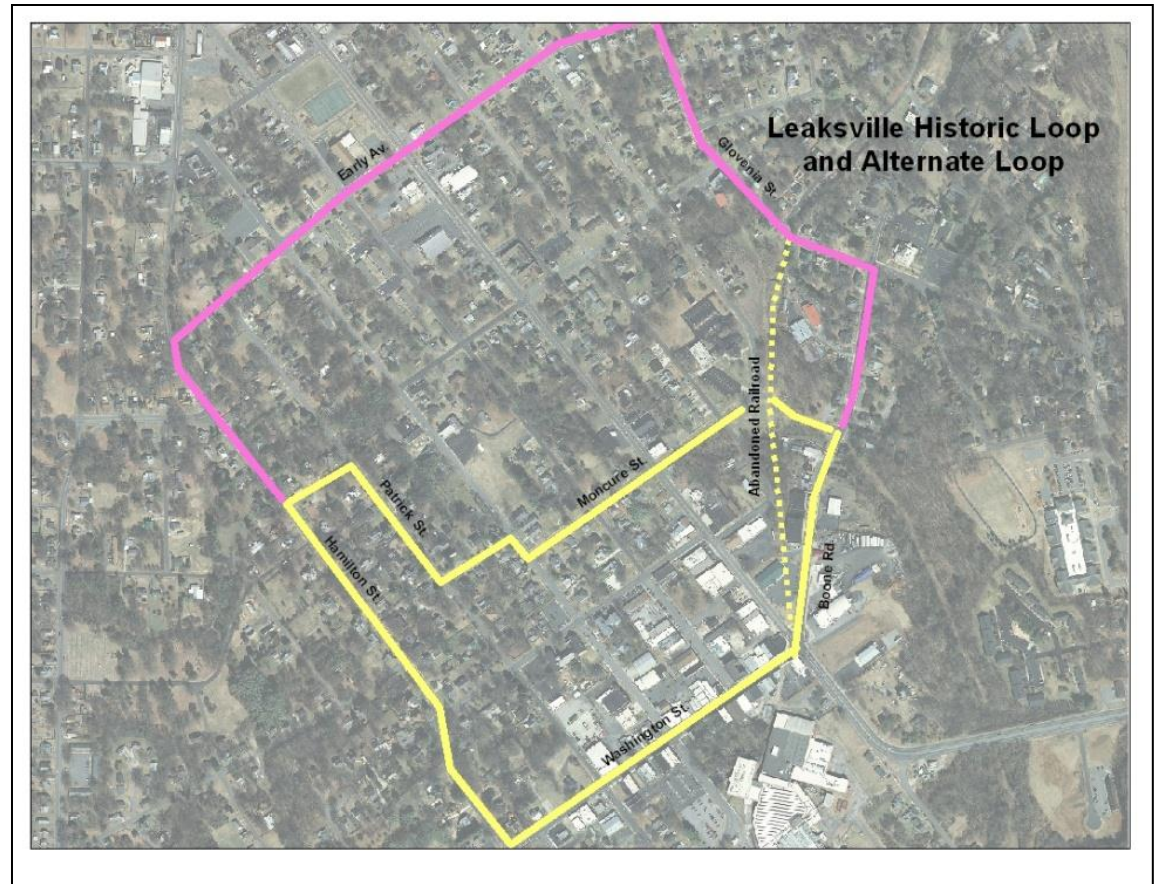
- Connect Holmes Middle School, Morehead High School and Central Elementary School to existing nature trail at Freedom Park
- Granite screenings trail
- Utilizes existing sidewalks, crosswalk, school property and right-of-way
- New crosswalks at Panther Lane and Country Club Drive



Eden Greenway Program

Next Step Recommendations

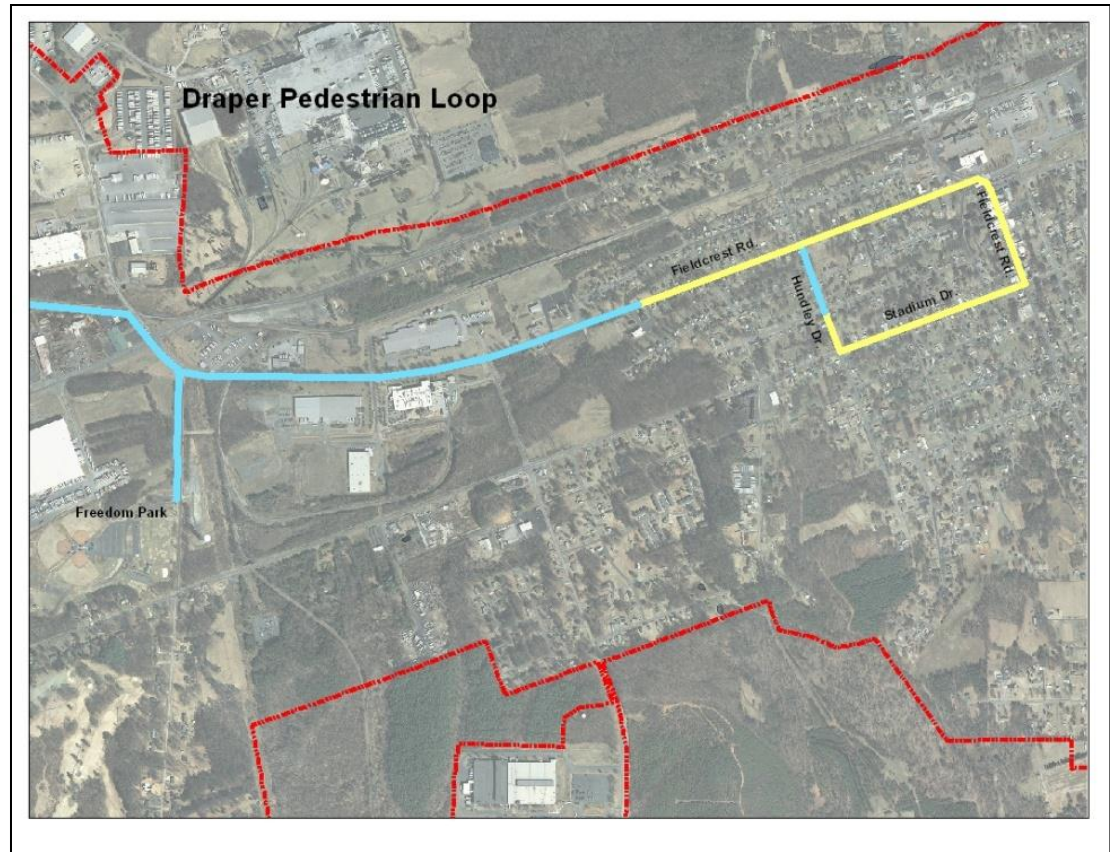
- Leaksville Historic Loop
- Connects Central Leaksville, Leaksville Commercial & Boone Road Historic Districts using existing sidewalks
- Future loop could utilize abandoned railroad right-of-way
- Only crosswalks and signage would be required to designate the route



Eden Greenway Program

Next Step Recommendations

- **Draper Loop**
- 2.43 mile loop connects Draper Village with Freedom Park
- Requires new sidewalks on Hundley Drive (Ridge Av. to Fieldcrest Rd.) & on Fieldcrest Road from existing sidewalk to Edgewood Road; also signage, crosswalks and RR crossing



Eden Greenway Program

Next Step Recommendations

Leaksville Historic Loop Cost Estimates

Signage for 19 Intersections:	\$150/sign x 19 signs =	\$2,850
14 Crosswalks:	\$56.40 x 14 crossings =	\$ 790
Total In-house Cost Estimate		\$3,640

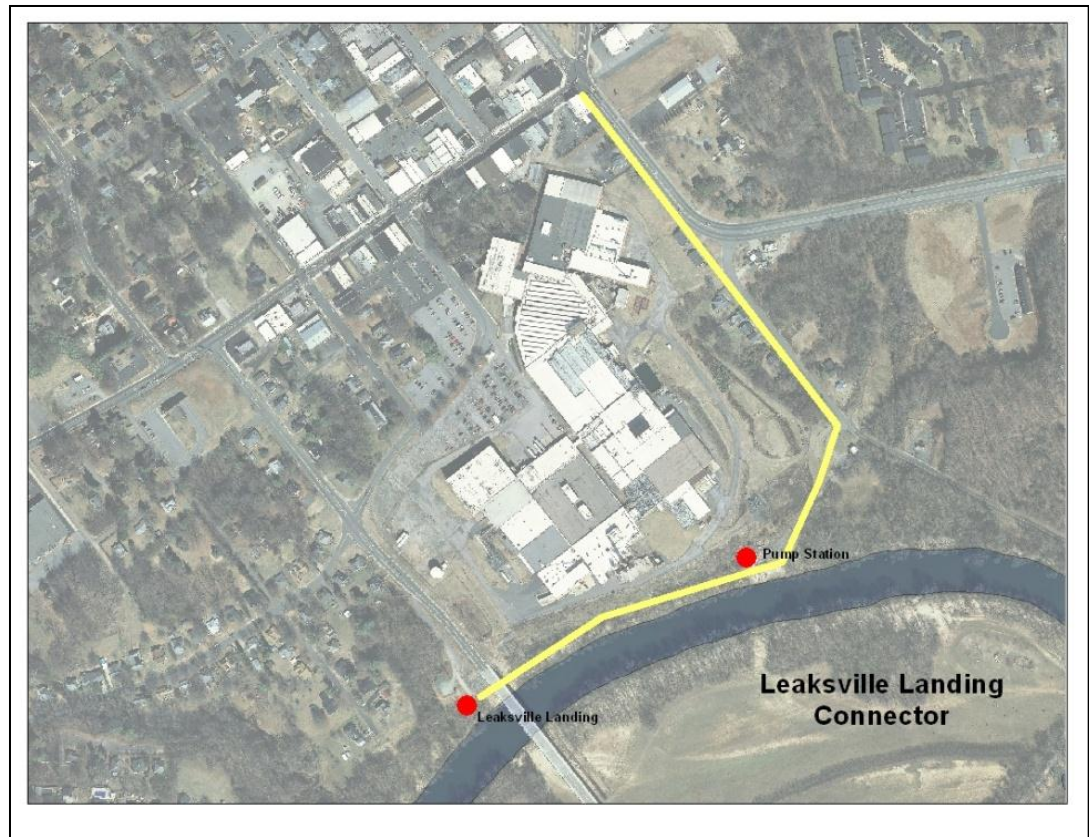
Draper Loop Cost Estimates

Fieldcrest Rd. Sidewalk		
Edgewood to Existing	\$75/ft x 4,826 ft =	\$361,950
Hundley Dr. Sidewalk		
Ridge Av. to Fieldcrest Rd.	\$75/ft x 725 ft =	\$54,375
Signage for 17 Intersections:	\$150/sign x 17 signs =	\$ 2,550
14 Crosswalks:	\$56.40 x 14 crossings =	\$ 790
Railroad Crossing:	Raised (speed table)	\$ 6,000
Total In-house Cost Estimate		\$425,665

Eden Greenway Program

Next Step Recommendations

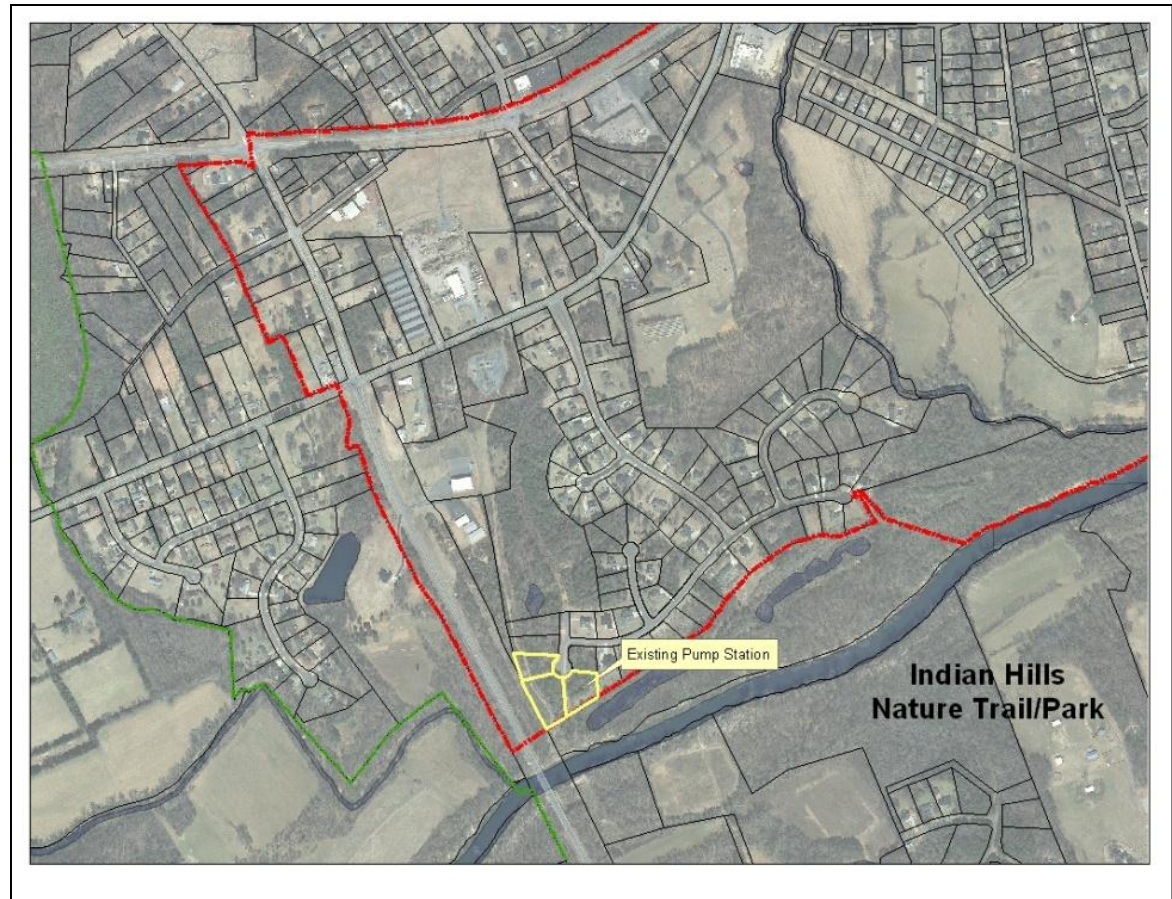
- Leaksville Landing Trail
- Connects Leaksville Landing River Access with downtown Leaksville
- Ties in to Leaksville Historic Loop and Kings Highway Loop
- Utilizes existing right-of-way along Dan River and existing sidewalks



Eden Greenway Program

Next Step Recommendations

- Nature Trail or small park on City-owned lots in Indian Hills
- Existing pump station and access road
- Easy access to Dan River
- Rustic trail can be constructed in-house using City staff



Eden Greenway Program Questions?

