# Jasper Stream Restoration

Construction May 21-29, 2008

# Town Creek



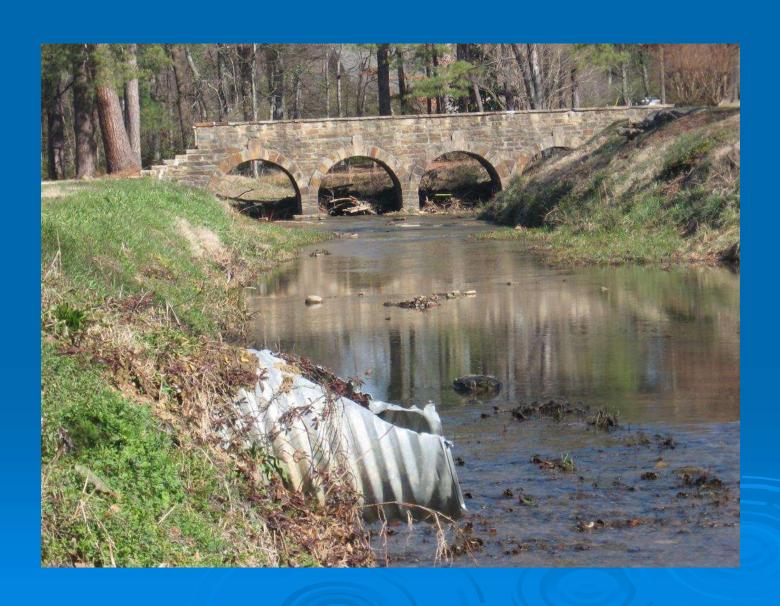
#### Before Restoration



# After Restoration



# Before



# After



# Before



# After



# Step One-Permits



#### STATE OF ALABAMA

ALABAMA HISTORICAL COMMISSION 468 SOUTH PERRY STREET MONTGOMERY, ALABAMA 36130-0900

March 26, 2008

TEL: 334-242-3184 FAX: 334-240-3477

Amber L. Coleman Santec Consulting Services 801 Jones Franklin Road, Suite 300 Raleigh, North Carolina 27606

Re: AHC 08-056

Town Creek Stream Restoration Walker County, Alabama

Dear Ms. Coleman

Upon review of the information forwarded by your office, the Alabama Historical Commission has determined that all activities will take place in previously disturbed areas. Therefore, we can concur with the proposed project. However, we do recommend that efforts be made to keep the footbridge intact.

We appreciate your efforts on this project. Should you have any questions, the point of contact for this matter is Greg Rhinehart at (334) 230-2662. Please have the AHC tracking number referenced above available and include it with any correspondence.

Truly yours,

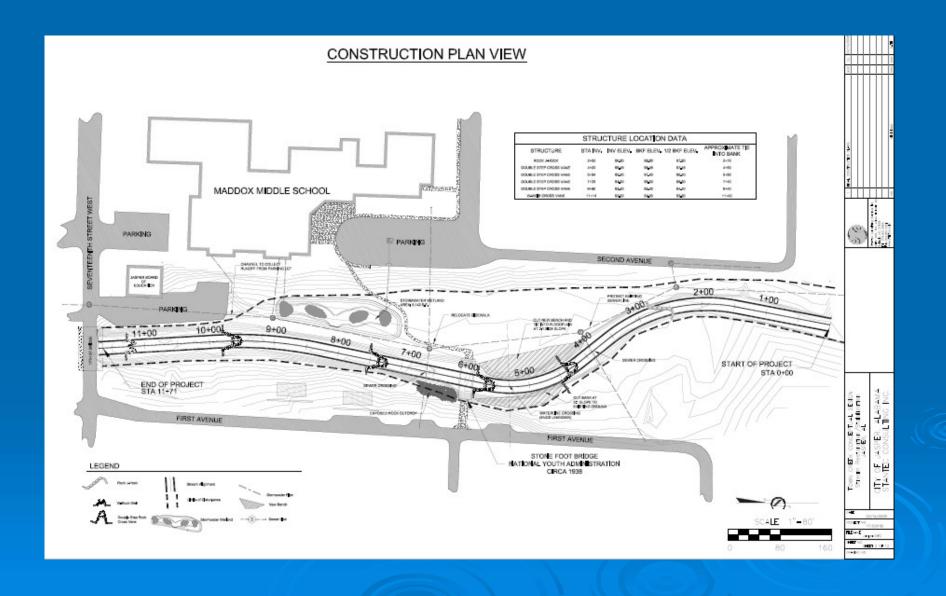
Elizabeth Ann Brown

Deputy State Historic Preservation Officer

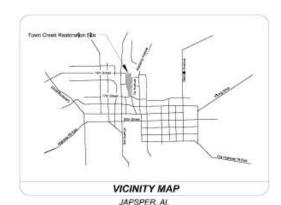
EAB/GCR/gcr

THE STATE HISTORIC PRESERVATION OFFICE www.preserveala.org

#### Stream Construction Design



# Preliminary Wetland Design



#### NOTES:

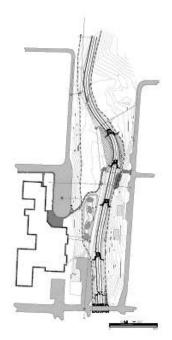
THE SITE IS LOCATED OFF 1ST AVENUE EAST BETWEEN THE LIMITS OF 17TH STREET WEST AND 14TH STREET WEST IN THE CITY OF JASPER, ALABAMA. THE SITE IS BORDERED TO THE SOUTH BY THE 17TH STREET BRIDGE AND TO THE NORTH BY 14TH STREET. THE TOTAL PROJECT LENGTH IS APPROXIMATELY 1,200 LINEAR FEET OF STREAM ENHANCEMENT AND APPROXIMATELY 0.14 ACRES OF STORMWATER WETLAND ENHANCEMENT.

PROJECT PARTNERS INCLUDE: CITY OF JASPER, BLACK WARRIOR CLEAN WATER PARTNERSHIP, ALABAMA COOPERATVE EXTENSION SYSTEM, NORTH CAROLINA STATE UNIVERSITY, USDA-CREES, USDA-NRCS, NORTH STATE ENVIRONMENTAL, WALKER COUNTY SOIL & WATER CONSERVATION DISTRICT, CAWACO RESOURCE CONSERVATION & DEVELOPMENT COUNCL INC, AND STANTEC INC.

TOWN CREEK STREAM RESTORATION STORMWATER WETLAND RETROFIT

FINAL CONSTRUCTION PLANS

CITY OF JASPER. ALABAMA



#### SHEETS:

- COVER SHEET
- 2. CONSTRUCTION PLAN VIEW
- 3. CONSTRUCTION DETAIL
- 4. CONSTRUCTION DETAIL 2
- STRUCTURE DETAIL CROSS VANE
   STRUCTURE DETAIL ROCK J-HOOK
- 7. STRUCTURE DETAIL W-WEIR
- 8. STORMWATER WETLAND DETAIL
- 9. SEDIMENT & ERIOSION CONTROL PLAN VIEW
- 10. EROSION DETAIL SILT FENCE
- 11. EROSION DETAIL COIR MATTING
- 12. PLANTING PLAN VIEW
- 13. PLANTING DETAILS

	COVER SHEET
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#### The Process



800 TONS OF ROCK- 5/21/2008

# Equipment



May 24, 2008

#### Construction



CREATING A FLOODPLAIN- 5/24/2008

# Cross Vane



# Staking Matting



May 24, 2008

## Creating Stormwater Wetland



#### Items to be Utilized



# Wetland Progress



# Wetland Planting













#### Stream Construction Workshop



#### **Outdoor Class**





# 5/29/2008







#### Structures





Double-Wing Deflector

# Double Step Offset Cross Vane



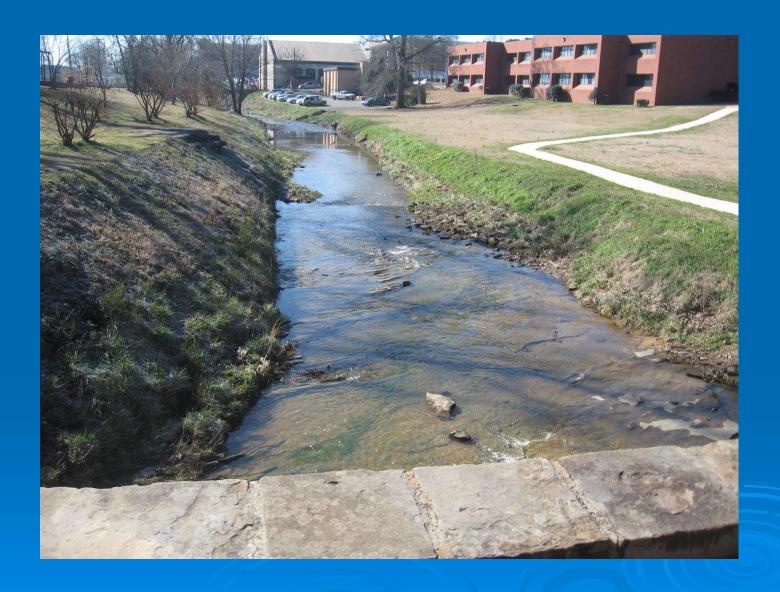
# Log Vane with J-hook



#### W-Weir Cross Vane



# Before



# After



#### Before

# After



