

RESOLUTION NO. 4552-11

ACCEPTS MOBILE BAY ESTUARY PROGRAM GRANT AWARD

WHEREAS, Resolution 4413-11 approved the application for the Mobile Bay National Estuary Program Grant with awards ranging from \$22,500 to \$75,000, requiring a 1:1 ratio of non-federal matching funds, and

WHEREAS, this grant was funded for \$82,500 with a 1:1 match.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

SECTION 1: Accepts the Mobile Bay National Estuary Program Grant funds in the amount of \$82,500 for the period June 1, 2011 through September 2012 to be used for the Wolf Creek Stream Restoration Project.

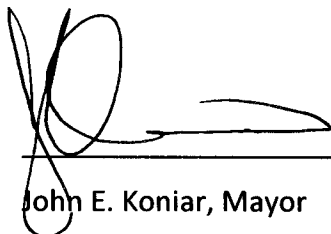
SECTION 2: Appoints Leslie Lassitter to serve as the Grant Manager, who will be responsible for submitting all required reports, reimbursement requests, and other correspondence to the Grant Administrator.

SECTION 3: Reimbursement statements, contract reports and supporting documentation will be submitted as required by the contact.

SECTION 4: Amends the budget accordingly and approves the expenditure of the grant funds. The following accounts shall be used: Construction Account 12-665-7286, Receivable Account 12-1453, and Revenue Account 12-5806.

SECTION 6: This Resolution shall become effective immediately upon its adoption as required by law.

PASSED, ADOPTED AND APPROVED THIS 5th day of July 2011.



John E. Koniar, Mayor

ATTEST:



Vickey Southern, CMC
City Clerk

#8

AGENDA REQUEST FORM

DATE OF WORK SESSION: July 5, 2011

DATE OF COUNCIL MEETING: July 5, 2011

DEPARTMENT AND PERSON SUBMITTING ITEM: Community Development; Leslie Lassitter

DESCRIPTION OF TOPIC: (who, what, when, where, why, and how much)

Consider acceptance of the Mobile Bay National Estuary Program Grant for the Wolf Creek Stream Restoration Phase I which received permission for application under Resolution 4413-11. The grant was funded in the amount of \$82,500 with a 1:1 match. The City will match the funds with in-kind services of floodplain excavation. The grant period is from June 2011 through September 2012. The City will contract with Goodwyn, Mills, & Cawood for the natural stream design plan and oversight of the project.

DESCRIPTION FOR PUBLISHED AGENDA:

Consider acceptance of the Mobile Bay National Estuary Program grant for the Wolf Creek Stream Restoration

IS DOCUMENTATION ATTACHED (See attached list): ☒ Yes ☐ No

If item was previously approved under a Resolution or Ordinance have you included the number in the documentation? ☒ Yes ☐ No ☐ N/A

Is a copy of the Resolution/Ordinance attached? ☒ Yes ☐ No ☐ N/A

SOURCE OF FUNDING:

Please provide the amount requested: In Kind Services

Is this a budgeted item? ☐ Yes ☒ No

Please provide the budgeted amount: \$ Account No.

If budgeted, is this a capital purchase, capital project, or special fund?

Was this item included in the Fiscal Year Capital Projects Plan? ☐ Yes ☒ No

If yes, please provide the amount included in Capital Projects Plan: \$

=====Do Not Write Below This Line=====

Verified by the Finance Department:

Reviewed by: JS Date: 6/28/2011

Clerk's Office: Received by: D Poole Date: 6/28/11 Time: 1:45p

(see back for required backup documentation)

MLT 6/29/11



MOBILE BAY NATIONAL ESTUARY PROGRAM

April 25, 2011

Leslie Lassitter
City of Foley
200 N. Alston Street
Foley, AL 36535

Dear Ms. Lassitter,

I am pleased to inform you that the Mobile Bay National Estuary Program (MBNEP) Executive Committee approved conditional funding in the amount not to exceed **\$82,500** at its March 25, 2011 meeting to support the **Wolf Creek Stream Restoration project for the City of Foley, Alabama**. Specific funding conditions will be described in the contract documents.

This project will implement actions prescribed in the MBNEP Comprehensive Conservation and Management Plan, including HM-C1 (maintain and/or improve beneficial wetland function) as it will improve watershed functions by restoring the stream and floodplain to its natural channel design. Specifically, this project will reverse impacts to this section of Wolf Creek caused by urban development, provide greater habitat for increased species diversity, implement urban watershed management practices, and serve as an example of holistic watershed restoration.

The overall goal of the MBNEP is to promote wise stewardship of the Mobile Bay estuarine system. This proposal supports an area of need identified through a consensus building process involving all stakeholders of the estuary. We look forward to the results of this important project.

This funding will be available for expenditure beginning June 1, 2011. Any expenditure before June 1 will not be reimbursed. During the next month, we will contact you to execute the necessary contract documents. If you have any questions regarding the expenditure of these funds, please contact Ms. Brenda Lowther at 251-431-6409.

Congratulations! We look forward to being a part of this important project.

Sincerely,

Roberta Swann
Director

June 15, 2011

Wolf Creek Stream Restoration
Write-Up for: \$82,500 Mobile Bay NEP Grant to City of Foley

MBNEP recently awarded The City of Foley \$82,500 to conduct stream restoration on Wolf Creek. This project will be completed in phases and a description of each phase is found below:

Phase 1: Stream Design

Wolf Creek will be classified using the Rosgen Classification System to determine its current impaired condition. By the establishment of permanent cross sections, measurable data (at consistent sampling locations) can be collected and used in future monitoring to provide a comparison between pre- and post-project conditions. Reference streams (within the Coastal Plain) will be identified and will provide stream design parameters. Reference streams are those that have had little to no human-induced impacts and have proper characteristics such as bankfull at top of bank, etc. The reference streams will provide information such as: width/depth ratio, entrenchment ratio, riffle depth, riffle spacing, riffle slope, pool depth, pool spacing, pool slope, radius of curvature, sinuosity, beltwidth, meander wavelengths, flood prone area, etc. The data collected from the reference streams will be scaled up or down to account for differences in drainage area. Following the establishment of the design parameters, the stream will be designed using AutoCad software by qualified engineers. Aquatic ecologists and biologists will be involved in the design process to ensure habitat features for macroinvertebrates and aquatic species are included. Priority 2 restoration will occur on approximately 2,000 linear feet of Wolf Creek. Within this phase, GMC will also mark the limits and depths of the floodplain excavation with grading stakes (discussed in Phase 2).

It is believed that Phase 1 can be completed for \$50,000. The project will require surveying that will occur over two weeks. Then within two weeks baseline data can be obtained from reference streams. Once the data is gathered, a natural stream will be designed which will take approximately three months. The final product from this phase will be a plan for a natural stream design for the upper reaches of Wolf Creek.

Phase 2: Floodplain Excavation

Priority 2 In-Stream Restoration is when a new floodplain and stream pattern is created while the stream bed remains at the present elevation. This can only be achieved if the floodplain is lowered and bankfull benches are established. As part of the in-kind match required by the grant, The City of Foley will provide equipment and labor to excavate the new floodplain. There will be a surplus of cut material and the City of Foley will need to account for the costs associated with transport of this material (especially if it is hauled off-site). This in-kind work will likely "over-match" the \$82,500 grant amount. All in-kind match will be tracked to ensure the match requirements for this grant are met. Floodplain excavation will take approximately four to six months to complete. The product for this phase is a expanded floodplain as a first step in restoring the stream to its natural conditions.

Phase 3: Temporary vegetation/Erosion control

Throughout the floodplain excavation, proper erosion and sediment control BMPs will be implemented. Upon completion of the floodplain excavation, temporary seed and mulch will be applied to the disturbed areas. This phase will provide protection and stability for the stream bank until further funding becomes available.

Any additional money left over from the \$82,500 grant will be set aside and combined with additional funding for project completion (i.e. construction of stream within the newly excavated floodplain).

RESOLUTION NO. 4413-11

**APPROVES A MOBILE BAY NATIONAL ESTUARY
PROGRAM GRANT APPLICATION**

WHEREAS, the Mobile Bay National Estuary Program has grant funds available through the US EPA for projects that address at least one of three issue areas: stormwater management, wetlands restoration/protection/enhancement/creation, and sediment management, and

WHEREAS, the deadline for the grant application is March 11, 2011 and applicants will be notified of their selection status on by March 25, 2011, and

WHEREAS, the awards, which will range between \$22,500 and \$75,000, require a 1:1 ratio of non-federal matching funds, which may consist of cash, in-kind services, or other donations that support the project, and

WHEREAS, if approved the grant funds would be applied to a stream restoration project along Wolf Creek from the Justice Center Lake to Poplar Street, which anticipated in-kind services.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

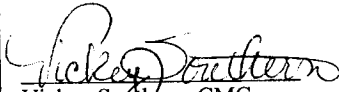
SECTION 1: Approves a Mobile Bay National Estuary Program grant application for a stream restoration project along Wolf Creek from the Justice Center Lake to Poplar Street. The City understands that there is a 1:1 non-federal match and that the award is based on several factors, including but not limited to the extent to which projects contribute to improving the water quality and living resource base of waters within the Mobile and Baldwin Counties. See other contributing factors in the attached program specifications, which are made a permanent part of this resolution upon its adoption. Leslie Lassitter will be the Grant Manager for this project.

SECTION 2: This Resolution shall become effective immediately upon its adoption as required by law.

PASSED, ADOPTED AND APPROVED THIS 7th day of March 2011.


John E. Koniar, Mayor

ATTEST:


Vickey Southern, CMC
Assistant City Clerk