

Marriott Wood I Pond Reconstruction

Overview of Project:

Several years ago, the SWM pond for Marriott Wood I was removed after request was made by the neighboring property owner (Mr. James Head). Approval was granted by the County to Mr. Head who then removed the facility. After complaints of runoff were received by the Bureau of Resource Management relating to runoff associated with the lack of SWM in June of 2006; it was determined that the facility would need to be reinstalled.

Scope of Work:

While reconstructing the pond, it was determined that we should try to direct the entire drainage area into the facility. An inlet was proposed below the Head's driveway to handle runoff in the ditch line along Harvest Farm Road. Grading along Marriottsville Road was done in such a way as to direct flow from Marriottsville Road into the facility. The side slopes were graded at 3:1 to allow for better maintenance. An underground recharge facility was installed with the existing inlet within the facility modified to provide 10 year management. A guardrail was installed along Marriottsville Road at a cost of \$4,685.00 for safety purposes.

Sequence of Construction:

In June of 2006 Martin Covington presented multiple alternatives as to the reconstruction work. After receiving approval from the Commissioners for reconstruction, Martin was assigned the responsibility to design the facility in October of 2006. On December 15, 2006 the plans were sent to three (3) contractors requesting estimates for construction. Lump sums were requested by January 8, 2007.

It was determined that the pond would need to go back to design when Miss Utility marked the utilities and it was noted that installation of the guardrail would pose a problem. Re-design was completed with bids returned March 15, 2007. The contract was awarded to C. J. Miller with a bid of \$69,100.00. Stambaugh's Inc. was the low bid with a bid of \$61,767.00, but their open end cap is \$50,000.00. Miller's open end cap is \$100,000.

Numerous meetings were held with the Head's throughout the planning of the project. Mr. Head requested reimbursement for work relating to removal of the facility which was approved by the County. Reimbursement was approved and a check was issued to the Head's for \$2,200.00

Project Data:

Watershed: Liberty Reservoir
Drainage Area: 1.44 Ac.
Cost: \$75,985.00
Time Frame: 2 years (design to as-built)

Submitted By:

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