

Completion Report of Storm Water Project C-1

Description of the Problem

Pond 23 and the outfall line under Clubhouse Drive cannot handle anticipated storm volume. This and the completion of Project C-2 will result in overtopping of the roadway and flooding adjacent yards.



Plan of Action

Install a new 4 X 5 control box in pond. Install two new 18" CCP pipes under Clubhouse Drive that will discharge into the existing swale. Reinstall a drop inlet over one of the 18" lines. Install two new 18" pipes under the cart path at the discharge point of the existing swale. Disconnect all existing irrigation and electrical lines that now run under Clubhouse Drive through one of the old pipes and reconnect them through the use of a 12" CCP conduit parallel to the new drainage lines. Improve, through the use of RipRap, Pond 23's drainage exit point, Clubhouse Drive's exit point to the existing swale and exit point of the swale at the cart path. Clean the discharge swale and add two RipRap barriers to the swale.



Results

This project was started in late July and finished in mid August. The estimate for the work was \$25,000(including contingency). The bid came in at \$19,500 and the final cost was \$17,800. (see the file for all the details) The contractor performed extremely well on this project.



