

## Drake Road Storm Sewer & VTH Pond Outfall Fort Collins, Colorado

**Client:** Mr. Owen Randall  
City of Fort Collins  
700 Wood Street  
Fort Collins, Colorado 80522  
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**ANDERSON CONSULTING ENGINEERS, INC.**  
*Civil • Water Resources • Environmental*

This project included the preparation of plans and specifications for a storm sewer along Drake Road, storm water detention pond improvements, and a storm water outfall system along Bay Farm Road in Fort Collins, Colorado. In addition, Anderson Consulting Engineers, Inc. provided all hydrologic, hydraulic, and design services required for this multifaceted project. Specific design elements included:



**Storm Sewer Construction**



**VTH Pond Outfall Channel**

- **hydraulic evaluation of alternative outfall systems;**
- **design of storm water detention pond enlargement and replacement of outlet facilities;**
- **design of 1,400 feet of 48" and 42" diameter RCP storm sewer;**
- **design of major canal crossings for the storm sewers;**
- **design of 575 feet of 12W' x 4H' and 8W' x 4H' RCB storm sewer;**
- **design of 905 feet of 72" diameter RCP storm sewer;**
- **design of inlet and outlet structures and tie-ins for all storm sewers;**
- **design of 1,980 feet of outfall channel including two driveway crossings with twin 12W' x 4H' RCBs;**
- **coordination and design of numerous utility relocates; and**
- **obtaining required easements and permits.**

In addition Anderson Consulting Engineers, Inc. provided construction management services during the approximately 6-month construction time period. Construction management services included: (a) review of shop drawings, (b) construction observations, (c) weekly progress meetings, (d) pay request processing, (e) completion of the as-built record draw set.