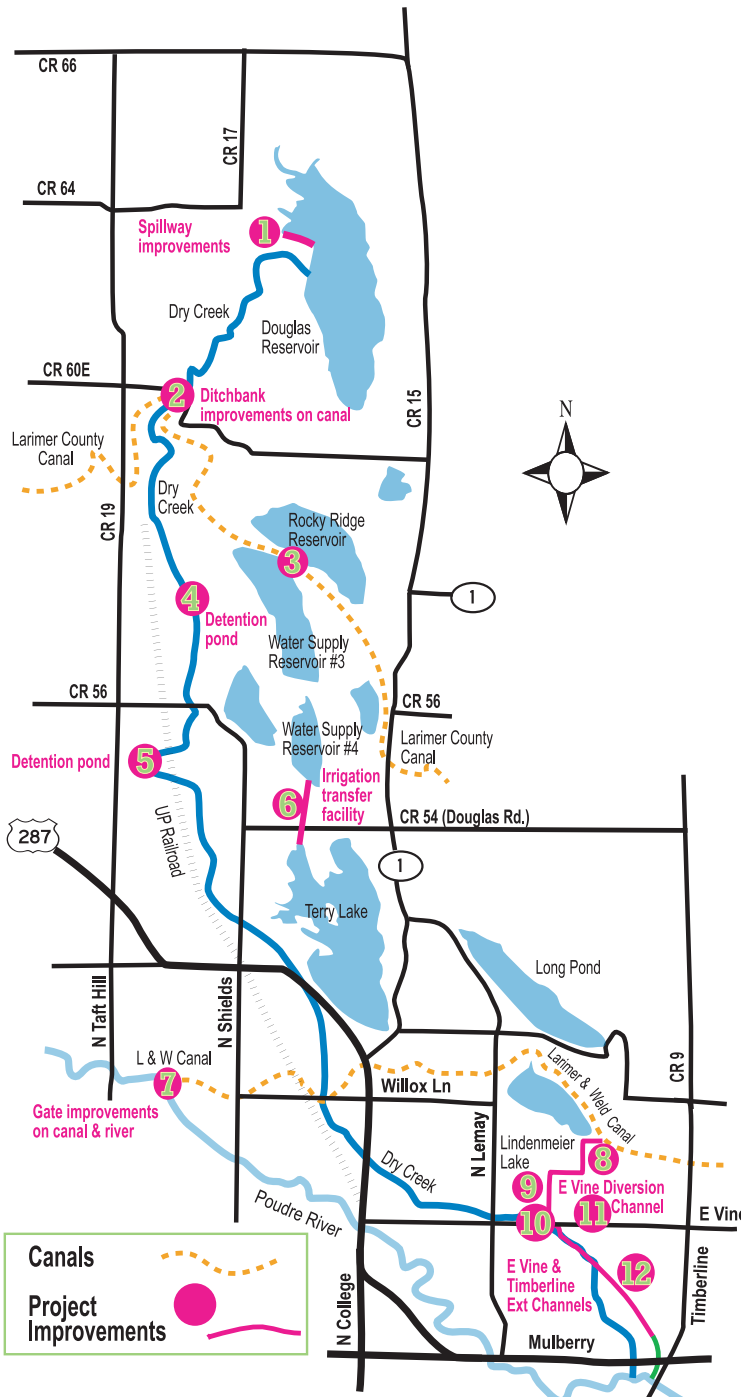


## Drainage Improvement Project

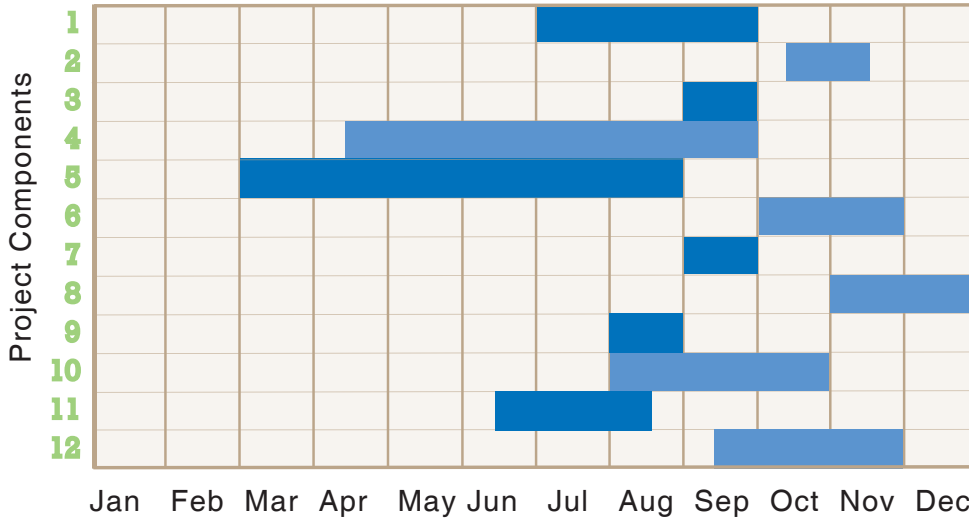
## Early Spring 2005

It's been more than a year since we last communicated with you about the status of the Dry Creek Project. Since then, many details have been resolved and construction of several of the 12 different components will soon begin. See other side for construction timeline and contact information.

- 1 Douglas Spillway Modifications**  
The reservoir will be used to store stormwater in a 100-year storm event. A fuseplug (an erodable dam that is designed to release water at a controlled rate if overtopped) will be constructed in the existing spillway.
- 2 Larimer County Canal Crossing**  
Ditchbank improvements at this critical conveyance will ensure that the canal doesn't breach and release water.
- 3 Water Supply Reservoir #3 Structure and Gate**  
To help distribute irrigation water, a tilting weir gate will be installed for the irrigation company.
- 4 & 5 Flood Control Basins (FCB) 1 and 2**  
These two dry detention ponds will be constructed to hold water during a storm event and allow for controlled release of stormwater into Dry Creek.
- 6 Terry Lake Irrigation Pipeline & Structures**  
Two energy dissipation structures and 2,000 feet of pipeline and will be built near Douglas Road to convey irrigation water from Water Supply Reservoir #4 to Terry Lake.
- 7 Larimer and Weld Canal SCADA**  
A computerized, or SCADA, control system will be installed together with gate improvements and flow sensors.
- 8 E. Vine Diversion**  
A structure will be built in the Larimer & Weld Canal to allow the additional stormwater flows to be diverted back into Dry Creek without damage to the canal.
- 9 Lake Canal and Waterline Modifications**  
A structure will be constructed to transfer water either over or under Lake Canal. Several waterlines will be lowered where they cross the E. Vine Diversion Channel.
- 10 Burlington Northern Sante Fe Railroad Crossing**  
A bridge will be built under the railroad tracks near E. Vine Drive at the intersection of Dry Creek.
- 11 E. Vine Box culverts**  
Three box culverts will be constructed at the crossing of Dry Creek and E. Vine Drive.
- 12 E. Vine & Timberline Extension Channels**  
These channels will be built to convey stormwater under E. Vine Drive and the railroad tracks to the existing channel at Timberline Road and Lincoln Street.



## 2005 Project Construction Timeline



### Questions or Comments?

Contact Fort Collins  
Utilities Project Manager  
Dean Saye at  
(970) 221-6212  
or [dsaye@fcgov.com](mailto:dsaye@fcgov.com).

### The Project in Review

The goals of the Dry Creek Drainage Improvement Project are:

- to protect people and properties within the Dry Creek Basin, and
- to reduce or eliminate the FEMA regulatory floodplain for Dry Creek in the city limits.

The project consists of two major parts: stormwater detention and stormwater conveyance (moving the water).

The three areas to be used for stormwater detention are Douglas Reservoir and two proposed detention ponds, FCB 1 and 2.

The Larimer and Weld Canal will be utilized to carry the reduced flows from Dry Creek to a diversion near Lindenmeier Lake. A new channel will be constructed from this diversion south under E. Vine Drive and the Burlington Northern and Santa Fe railroad tracks where it will intercept Dry Creek.

Through an agreement with the Eaton Companies, the City will use Douglas Reservoir and the Larimer and Weld Canal for storage and transfer of water. As part of the agreement, the City will build a structure to transfer water from Water Supply Reservoir No. 4 to Terry Lake as well as construct minor upgrades to existing ditches.



RETURN SERVICE REQUESTED