

Utility Crossings Road Breach

If you use this method, the price of the road breach would be \$750.00

Description: Includes pipes, culverts, sewers, and other miscellaneous structures inside the roadway prism and subjected to traffic loads shall be included in specifications below.

Structure Excavation and Structure Backfill: All excavated material will be replaced with concrete that has a compressive strength of two thousand five hundred pounds per square inch or greater with the exception of the last 6 inches of material below top of roadway. Then county spec, road base 1 inch minus will be replaced in the top 6 inches.

Pipes, culverts, sewers, and other miscellaneous structures outside the roadway prism and not subjected to traffic loads shall be backfilled in layers no greater than eight inches and shall be compacted to the density of the surrounding earth.

Batching and Mixing: Concrete shall be batched and mixed according to ASTM C 94.

Placing Concrete: Concrete shall be free of dirt, mortar, debris, and foreign substances before depositing the fresh concrete. The concrete shall be consolidated with suitable mechanical vibrating equipment. Vibration time shall be of sufficient duration to accomplish adequate consolidation throughout the entire product, but shall not be prolonged to the point that segregation of the fresh concrete occurs.

The Contractor shall use procedures to protect the freshly deposited concrete from rapid drying and surface moisture loss due to extreme ambient or climatic conditions.

This procedure must be guaranteed for one year from the date of completion. If it fails within that year, you will be billed for the County's cost of repairs.

This pertains to ALL permits: Breaches, Boring, Cement Breaches, etc.

Temperature limitations are follows:

1. The temperature of the concrete during placement operations shall not be lower than 50degrees F.
2. Mixed concrete that has a temperature in excess of 90 degrees F shall not be placed.
3. The concrete shall be deposited in place within 90 minutes after batching; any load or portion of a load shall not be placed after the 90 minute limit.

Adopted by County Commissioners
August 4, 2008