



Pipelining and or Rerouting of District Facilities

This document is intended as a reference guide for those who desire to pipeline and/or reroute Kern Delta Water District (District) facilities (canals/ditches). The District evaluates the pipelining and/or rerouting of its facilities on a case-by-case basis. However, the guidelines below provide a general overview of the requirements for such a project (Note: additional requirements may be necessary as each project is reviewed/considered by the District).

Hydraulic Analysis

A hydraulic analysis of the existing canal/ditch and the proposed condition must be performed by a Kern Delta approved engineer. Calculations, plan, profile, and canal cross sections must be submitted to the District for review. This review may include District staff as well as the District's consulting engineer.

Plans and Specifications

Plans and specifications must be prepared by a California registered professional Civil Engineer. Plans will be reviewed by District and the consulting engineer. The District will provide notes that must be included in the plans (notes provided via .dwg file).

Pipelines

Right-of-Way may be reduced (to the District's requirements), however, the remaining right-of-way must remain open with no access restrictions. The right-of-way may not go through residential areas (side yards, back yards, front yards, etc.). The right-of-way may be placed in a landscape easement, or parking lot. Absolutely no signs, fences, trees, shrubs, or any other permanent structures will be permitted over the pipeline. The District must have access to the easement at all times. If the pipeline needs to be repaired, fill will be replaced and brought to grade, but the landscaping and or asphalt replacement is not the responsibility of the District. If the pipeline is moved from the original course of the canal/ditch, the resulting pipeline right-of-way must be permanent and exclusive with no other encumbrances predating it (District must retain its first in time, first in right status).

Open Channel Canals/Ditches

The District generally does not object to the relocation of an existing canal/ditch so long as the flow rate is not diminished, the replacement right-of-way preserves the District's priority and is permanent and exclusive or given to the District in fee. All other relevant requirements must be met as well.



Road Crossings (New or Existing)

Any plans to install new road crossings or extend existing road crossings must also include signature blocks for the District, City of Bakersfield, County of Kern, or State of California, depending on whose jurisdiction the road crossing falls under. These crossings will also require the execution of a Three-Party Common Use Agreement between the Developer, District and Jurisdiction responsible for the right-of-way.

Agreements – Easement Grant, Ditch Eradication, Common Use. Three-Party etc.

The District will prepare the front end documents of all agreements that may apply to a particular project (easements, grant deeds, quit claims, etc.). Any legal description(s) and plat(s) must be prepared and stamped by a California registered professional Land Surveyor and at the expense of the Owner/Developer of the project.

Construction Windows

Projects pipelining or rerouting District facilities must be done while the canal is shutdown. The Kern Island Main Canal and the Kern Island Central Branch Canal are only shut down for a period of two weeks (estimate) each year, with the shutdown beginning around December 10th, and resuming flows around January 1st. The shutdown period of the District's other canals/ditches vary, the engineer for the project must contact the District for possible shutdown periods. While the District will attempt to facilitate projects, the primary obligation of the District is to maintain service to our customers during irrigation periods.

Fees

The District charges a non-refundable \$5,000.00 review fee per project. The review fee is due when submitting plans for the first plan check. Depending on the nature of the project, the District may also charge a Maintenance Fee of 5% of the construction costs (construction cost based on Engineer's Estimate) and Seepage Fee as determined by the District (seepage fee varies by canal/ditch).

Approval Process

The District and its consulting engineer will review and approve the hydraulic analysis before approving the proposed new condition (realignment and or pipeline). The District will also review all legal descriptions and plats of proposed easements and other agreements. Once District staff and consulting engineer are in agreement over the proposed plans and all fees have been paid, the proposed project will be sent to the District's Operations and Projects Committee for review, which occurs the first Tuesday of the month. Assuming no objections, questions, or concerns are received from the Operations and Projects Committee the project will then be brought to the full Board (occurs the third Tuesday of the month) for approval.



Encroachment Permit

The District requires that the contractor for the project obtain an encroachment permit with the District (\$500.00 permit fee).

During the review process, any additional requirements and/or restrictions will be delineated. **Project representatives are encouraged to contact District staff at (661) 834-4656 to initiate discussions of potential projects as early in the development process as possible.**