

**Clinton Irrigation District**

**CID Clark Fork Diversion Rehabilitation Project**

In November 2007, the District obtained DRNC Planning Grant funds to conduct an inventory and rehabilitation assessment of the District's irrigation infrastructure and develop a Rehabilitation Priorities List. Lining a reach within the Main Canal was identified as the top priority that was completed in April 2010. The second priority identified by the District was rehabilitation of the Schoolhouse Lateral which began in the fall of 2012 and will be finished in the spring of 2013. These two projects were made possible through the funding by the RRGL program. The third priority for improving the CID's infrastructure has now been identified as the rehabilitation of the Clark Fork Diversion. A field inspection of the diversion revealed severe degradation of the structure. Large riprap continually falls from the diversion's steep embankments and has damaged the headgates beyond repair. The diversion's headgates are currently stuck in the halfway open position, resulting in year-round diversion of water away from the Clark Fork River and in to the CID. Consequences of the defective headgates are: the unnecessary diversion of approximately 3.22 billion gallons of water per year; insufficient supplies for water users during the irrigation season resulting in lower crop yields; increased sedimentation delivered back to the Clark Fork River; and the repeated flooding of nearby residential properties. The proposed replacement of the Clark Fork Diversion will resolve the issues stated above, providing the CID with an effective structure to manage the District's water resources.

The proposed project is a vital step toward ensuring sustained, efficient, and effective delivery of irrigation water to members of the District. The continued use of the diversion under its current state would result in the loss of approximately \$121,800 each year for the District's producers.

The replacement of the Clark Fork Diversion will provide the following benefits:

- Improved water delivery efficiency
- Improved irrigation efficiency
- Conservation of water diverted from the Clark Fork River
- Improved water quality
- Increased crop yields
- Return lost revenues to the local economy
- Conservation of water for recreation, fish, waterfowl, and wildlife habitat
- Development of existing acres that were unable to be irrigated under previous water shortage conditions
- Preserve residential homes within the area by decreasing the risk of flooding
- Preserve water quality within the Clark Fork River by mitigating the amount of sediment filled waters that return to the river through the CID's wasteways
- Preservation of agricultural area experiencing urbanization
- Sustained agricultural production

<b>Grant Request Amount:</b>	<b>\$100,000.00</b>
<b>CID Match Amount:</b>	<b>\$29,587.00</b>
<b>Estimated Total Project Cost:</b>	<b>\$129,587.00</b>

Clinton Irrigation District sincerely appreciates your consideration of this project and hopes that you will find it as important and necessary as our residents and your constituents have.

