

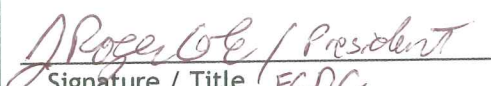


COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Water Project Loan Program

Application Type	
<input type="checkbox"/> Prequalification (Attach 3 years of financial statements)	<input checked="" type="checkbox"/> Loan Approval (Attach Loan Feasibility Study)
Agency/Company Information	
Company / Borrower Name: Florida Consolidated Ditch Company	
Authorized Agent & Title: Roger Cole, Florida Consolidated Ditch Company Board President	
Address: P.O. Box 2138, Durango, CO 81302	
Phone: (970) 749-1692	Email: coleranchhay@durango.net
Organization Type: <input checked="" type="checkbox"/> Ditch Co, <input type="checkbox"/> District, <input type="checkbox"/> Municipality <input type="checkbox"/> other: _____	Incorporated? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
County: La Plata	Number of Shares/Taps: 6,200 shares
Water District: Florida Water Conservancy District	Avg. Water Diverted/Yr <u>43,000</u> acre-feet
Number of Shareholders/Customers Served:	Current Assessment per Share \$ <u>107.60</u> (Ditch Co)
Federal ID Number: 84-0204321	Average monthly water bill \$ _____ (Municipality)
Contact Information	
Project Representative: Wright Water Engineers, Inc. - Peter Foster	
Phone: (970) 259-7411	Email: pfoster@wrightwater.com
Engineer: Wright Water Engineers, Inc. - Peter Foster	
Phone: (970) 259-7411	Email: pfoster@wrightwater.com
Attorney: Nancy Agro	
Phone: (970)422-2024	Email: agro@mydurango.net
Project Information	
Project Name: Hess Lateral Improvement Project	
Brief Description of Project: (Attach separate sheets if needed)	
See Attached Description	
General Location: (Attach Map of Area)	
7 miles south of Durango, CO on the Florida Mesa	
Estimated Engineering Costs: \$452,500	Estimated Construction Costs: \$2,347,500
Other Costs (Describe Above):	Estimated Total Project Costs: \$2,800,000
Requested Loan Amount: \$1,075,000	Requested Loan Term (10, 20, or 30 years): <u>30</u> Years
Project Start Date(s) Design: Fall 2017	Construction: Fall 2018
Signature	
 Signature / Title <u>FCDC</u>	Return to: Finance Section Attn: Anna Mauss 1313 Sherman St #718 Denver, CO 80203 Ph. 303/866.3449 e-mail: anna.mauss@state.co.us

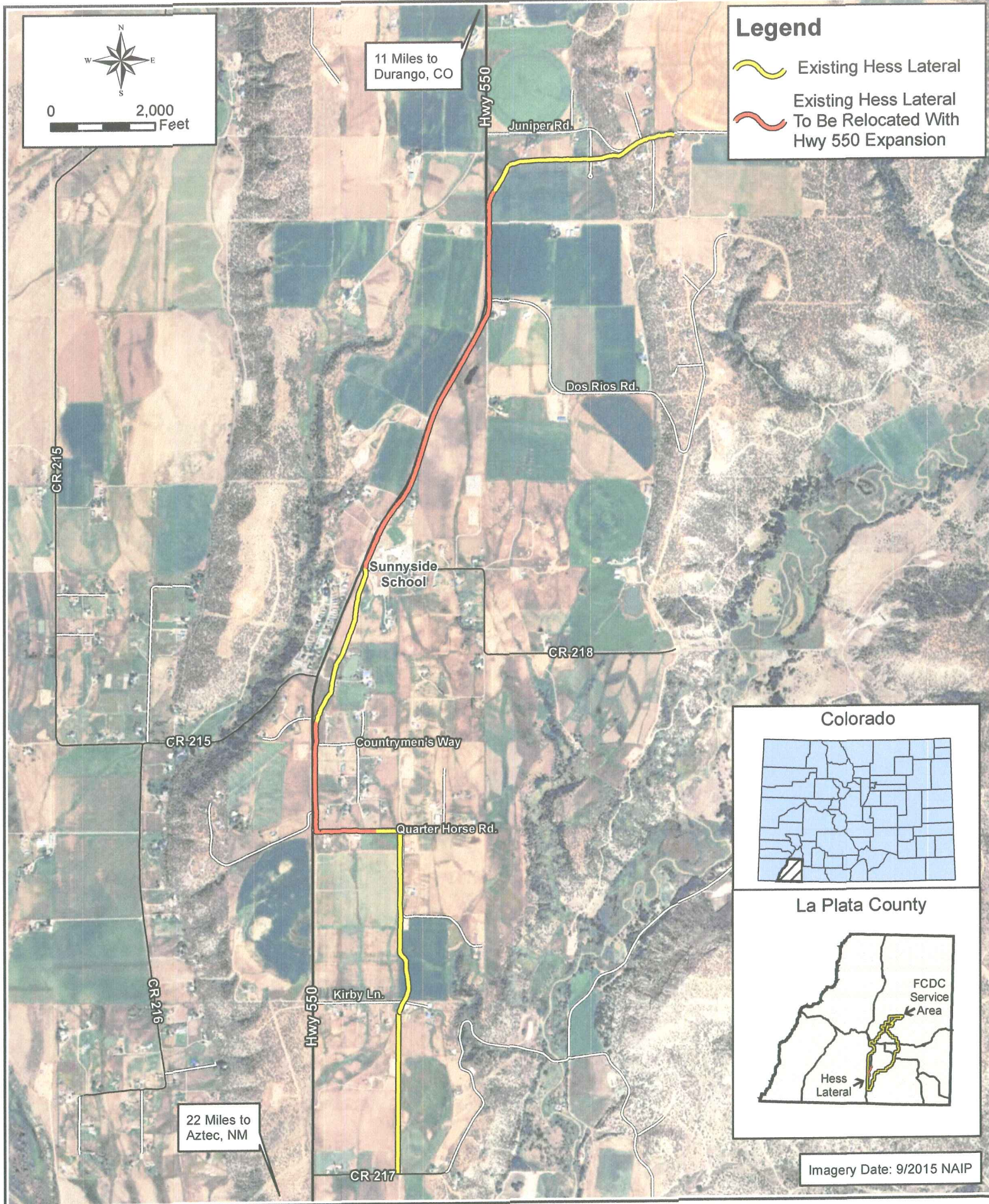
Hess Lateral Improvement Project – Water Project Loan Program Application Project Description

The purposes of this project are to 1) improve the efficiency of the canal conveyance system and reduce ditch loss through seepage and evaporation, 2) provide irrigation water at reduced operational expense to promote continued commercial agricultural uses, 3) firm the agricultural pre-Compact water supplies through increased efficiency as opposed to developing additional water supplies (i.e. enlarging Lemon Reservoir), 4) develop additional sources of water for other beneficial uses in the basin, and 5) increase water quality by reducing the salt load into the Animas River.

The Hess Lateral, part of the FCDC water conveyance system, is located 7 miles south of Durango, CO on the Florida Mesa, within the Florida Water Conservancy District. The Hess Lateral serves approximately 75 water users irrigating over 1,500 acres of primarily hay and pasture lands. The Hess Lateral is a 3.3 mile-long open ditch that delivers up to 17.5 cfs of irrigation water.

This project entails replacing the Hess Lateral open earth-lined ditch with buried gravity-pressurized pipeline. This will reduce seepage losses and will provide pressurized water to existing sprinkler systems on the Lateral. The pressurized pipeline will eliminate most of the energy currently used for pumping and will provide the opportunity for pressurized systems to be installed on fields that are currently flood irrigated, further increasing water efficiency and reducing salt leaching. The Natural Resources Conservation Service (NRCS) estimates a load reduction of total dissolved solids from this project of 136.8 tons per year.

The Colorado Department of Transportation (CDOT) plans on expanding Colorado Highway 550 in the near future. This expansion requires relocating approximately 10,000 feet of the Hess Lateral to outside of the Highway Right-of-Way. CDOT is cooperating with the FCDC on the relocation and has committed \$950,000 to the project. Funding is requested to leverage CDOT's participation and replace the full 3.3 mile-long open ditch with pressurized pipe.



Document Path: P:\061-110\130 HESS LATERAL WORK FILES\Mapping\Figure 1 - Hess Lateral Location.mxd

LA PLATA COUNTY, CO

HESS LATERAL LOCATION

FLORIDA CONSOLIDATED DITCH COMPANY

FIGURE
1



Wright Water Engineers, Inc.
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Durango, CO 81301
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