

“Culvert Inventory and Assessment”

Matanuska-Susitna Borough Public Works Department

FY 05 Grant Award: \$13,000

Project Match: \$8,667



Culvert Outlet, Lupine Lane. Culvert perched and mechanical damage.

Description and Purpose:

The purpose of this project was to assess and input data from an inventory of road crossing structures at anadromous streams and tributaries within the Meadow, Bodenburg, Wasilla and Cottonwood Creek watersheds. Data from the Department of Fish & Game's Mat-Su Culvert Inventory/Assessment Project from 2000 – 2002 was also entered into the database. Entered information was analyzed and prioritized to identify crossing structures for future replacement. Crossing data was added to the Matanuska-Susitna Borough's GIS database for road asset management purposes and to support future enhancement projects.

Evaluation of Environmental Benefits:

A final report was produced that describes the project accomplishments and their environmental benefit. These environmental benefits were determined by the quality and quantity of data entered for all the Meadow Creek, Bodenburg Creek, Cottonwood Creek and Wasilla Creek sites assessed by the ADF&G Mat-Su Culvert Inventory Assessment Project in 2000 – 2002 as well as data collected for this project. Entered information was analyzed and prioritized to identify crossing structures for future replacement. Fish passage, water quality and improved drainage are the long-term environmental benefits of this project.

Deliverables Include:

- Ranking criteria for site prioritization
- Final report with ranked sites, recommendations, next steps, and evaluation of project objectives and environmental benefits

Please contact the DEC or Mat-Su Borough Public Works Department for information on project deliverables or the latest version of the CD “Culvert Survey & Assessment”.



Lupine Lane with replaced culvert, bank and stream restoration.

Project Contacts:

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