

Stream-Smart Road Crossing Workshops

Resources

Assessment & Design Tools & Documents Available on the Internet:

Maine Department of Transportation Fish Passage Policy and Design Guide -

www.maine.gov/mdot/env/envdocs.htm

Maine Department of Transportation, Environmental Office Waterway and Wildlife

Crossing Policy and Design Guide 3rd edition, July 2008 - www.maine.gov/mdot/env/envdocs.htm

Maine Forest Service Best Management Practices for Forestry: Protecting Maine's Water Quality - http://www.maine.gov/doc/mfs/pubs/bmp_manual.htm

Maine Road-Stream Crossing Survey Manual 2008 - www.maine.gov/doc/mfs/fpm/water/docs/stream_crossing_2008/MaineRoad-StreamCrossingSurveyManual2008.pdf

Maine Stream Crossing Inventory - www.maine.gov/doc/mfs/fpm/water/stream_crossing.html

Gulf of Maine Council on the Marine Environment Stream Barrier Removal Monitoring

(A standardized framework for monitoring the ecological changes that occur when dams, culverts, and other stream barriers are removed.) - <http://www.gulfofmaine.org/streambarrierremoval/>

Natural Resources Conservation Service Conservation Practice Standard 396, Fish Passage - <http://efotg.sc.egov.usda.gov/references/public/ME/MEcode396.pdf>

Natural Resources Conservation Service Conservation Practice Standard 578, Stream Crossing - <http://efotg.sc.egov.usda.gov/references/public/ME/dcode578.pdf>

US Forest Service FishXing (Free software is intended to assist engineers, hydrologists, and fish biologists in the evaluation and design of culverts for fish passage) -

stream.fs.fed.us/fishxing/

US Forest Service Stream Simulation Design (An Ecological Approach to Providing Passage for Aquatic Organisms at Road-Stream Crossings) - [www.stream.fs.fed.us/](http://www.stream.fs.fed.us/fishxing/aop_pdfs.html)

[fishxing/aop_pdfs.html](http://www.stream.fs.fed.us/fishxing/aop_pdfs.html)

USDOT\FHWA Design for Fish Passage at Roadway-Stream Crossings -

www.fhwa.dot.gov/engineering/hydraulics/pubs/07033/

USDA Natural Resources Conservation Service Federal Stream Corridor Restoration

Handbook (NEH-653) www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/technical/alphabetical/water/wqtechnical/?&cid=stelprdb1043244

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Legal Requirement Resources:

Maine Department of Environmental Protection Natural Resources Protection Act

(NRPA) Permit by Rule Standards Chapter 305 - www.maine.gov/dep/land/nrpa/

Maine Land Use Regulation Commission rules Chapter 10 Roads and water Crossings

10.27,D page 234 - www.maine.gov/doc/lurc/reference/rulechapters/

[Chapter10_Complete_effective08102011.pdf](http://www.maine.gov/doc/lurc/reference/rulechapters/Chapter10_Complete_effective08102011.pdf)

US Army Corps of Engineers New England District website -

www.nae.usace.army.mil/regulatory

US Army Corps of Engineers Maine General Permit -

www.nae.usace.army.mil/Regulatory/SGP/ME_GP.pdf

US Fish & Wildlife Service “Habitat Conservation Plans Under the Endangered Species

Act” - <http://www.fws.gov/endangered/esa-library/pdf/hcp.pdf>

US Fish & Wildlife Service “Consultations with Federal Agencies: Section 7 of the En-

dangered Species Act” - <http://www.fws.gov/endangered/esa-library/pdf/>

[consultations.pdf](http://www.fws.gov/endangered/esa-library/pdf/consultations.pdf)

