

TABLE OF EXTERNAL LINKS

Agency/Document	Link
Chapter 1 “General”	
All FHWA Hydraulic Publications	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Chapter 2 “Legal Aspects”	
USACE <i>Wetland Delineation Manual</i> , 1987	http://el.erdc.usace.army.mil/elpubs/pdf/wlman87.pdf
FEMA Website	http://www.fema.gov/
South Dakota DENR, “Using Water in South Dakota”	http://denr.sd.gov/des/wr/wateruse.aspx
South Dakota Codified Law (SDCL)	http://legis.state.sd.us/statutes/index.aspx
South Dakota Administrative Rule 74:02:08	http://legis.state.sd.us/rules/index.aspx
South Dakota Codified Law (SDCL) 46-1-3	http://denr.sd.gov/des/wr/faq.aspx
Chapter 4 “Planning and Location”	
FHWA, HDS-6, <i>River Engineering for Highway Encroachments — Highways in the River Environment</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
SDDOT <i>Water Quality Enhancement Program Design Manual</i> , 2007	http://www.sddot.com/business/design/forms/WQEP/default.aspx
Chapter 5 “Data Collection”	
FHWA, HDS-2, <i>Highway Hydrology</i> , 2002	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-20, <i>Stream Stability at Highway Structures</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-6, <i>River Engineering for Highway Encroachments — Highways in the River Environment</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
USACE, RD-26, <i>Accuracy of Computer Water Surface Profiles</i> , 1986	http://www.hec.usace.army.mil/publications/ResearchDocuments/RD-26.pdf
USGS, WRI 98-4055, “Techniques for Estimating Peak-Flow Magnitude and Frequency Relations for South Dakota Streams,” 1998	http://pubs.usgs.gov/wri/wri98-4055
USGS, WRI 80-80, “Techniques for Estimating Flood Peaks, Volumes, and Hydrographs on Small Streams in South Dakota,” 1980	http://pubs.er.usgs.gov/publication/wri8080
FHWA, HY-11, <i>Preliminary Analysis System for WSP</i> , 1989	http://www.fhwa.dot.gov/engineering/hydraulics/software/softwarearchive.cfm
Chapter 7 “Hydrology”	
USGS SIR 2008-5104 “Peak-Flow Frequency Estimates Based on Data through Water Year 2001 for Selected Streamflow-Gaging Stations in South Dakota,” 2008	http://pubs.usgs.gov/sir/2008/5104

Agency/Document	Link
USGS, National Water Information System (NWIS)	http://nwis.waterdata.usgs.gov/usa/nwis/peak
USGS WRI 98-4055 "Techniques for Estimating Peak-Flow Magnitude and Frequency Relations for South Dakota Streams," 1998	http://pubs.usgs.gov/wri/wri98-4055
USGS, WSP 2207 "Flood Characteristics of Urban Watersheds in the United States — Techniques for Estimating Magnitude and Frequency of Urban Floods," 1983	http://pubs.er.usgs.gov/usgspubs/wsp/wsp2207
FHWA, HDS-2, <i>Highway Hydrology</i> , 2002	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
USGS, WRI 80-80, "Techniques for Estimating Flood Peaks, Volumes, and Hydrographs on Small Streams in South Dakota," 1980	http://pubs.er.usgs.gov/publication/wri8080
NRCS, WinTR-20 "Project Formulation Hydrology Program System," 2009	http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national//?&cid=stelprdb1042793
USGS, WRI 94-4002 "Nationwide Summary of the US Geological Survey Regression Equations for Estimating Magnitude and Frequency of Floods for Ungaged Sites," 2002	http://water.usgs.gov/software/nff.html
USGS, Bulletin 17B "Guidelines for Determining Flood Flow Frequency," 1982	http://water.usgs.gov/osw/bulletin17b/bulletin_17B.html
NRCS, Watershed Boundary Dataset	http://www.ncgc.nrcs.usda.gov/products/datasets/watershed/
NRCS, TR-55 "Urban Hydrology for Small Watersheds," 1986	http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/water/?&cid=stelp1042901
NOAA, TP-40 "Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years," 1961	http://www.nws.noaa.gov/oh/hdsc/PF_documents/TechnicalPaper_No40.pdf
NOAA, HYDRO-35 "Five to 60-Minute Precipitation Frequency for the Eastern and Central United States," 1977	http://www.nws.noaa.gov/oh/hdsc/PF_documents/TechnicalMemo_HYDRO35.pdf

Chapter 8 "Wetland Creation and Restoration"

USFWS, National Wetland Inventory	http://www.fws.gov/nwi
Ducks Unlimited Website	http://www.ducks.org/conservation
North Carolina State University, DRAINMOD, 1980	http://www.bae.ncsu.edu/soil_water/drainmod/index.html
NRCS, DRAINMOD Climatic Data	http://www.wsi.nrcs.usda.gov/products/w2q/water_mgt/Drainage/DRAINMOD.html
USACE, "Field Guide for Wetland Delineation," 1987	http://www.wetlandtraining.com/cart/books.php
South Dakota State University, College of Agriculture and Biological Sciences, "Guidelines for Restoring and Creating Wetlands Associated with Highway Projects in South Dakota," 2000	http://pubstorage.sdstate.edu/AgBio_Publications/articles/B734.pdf
USACE, <i>Wetlands Delineation Manual</i> , 1987	http://el.erdc.usace.army.mil/wetlands/pdfs/wlman87.pdf

Chapter 9 "Roadside Channels"

SDDOT, Chapter 7 "Cross Sections," <i>South Dakota Road Design Manual</i>	http://www.sddot.com/business/design/docs/rd/rdmch07.pdf
FHWA, HEC-15, <i>Design of Roadside Channels with Flexible Linings</i> , 1988	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm?archived=true

Agency/Document	Link
FHWA, HEC-15, <i>Design of Roadside Channels with Flexible Linings</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC- 22, <i>Urban Drainage Design Manual</i> , 2009	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-4, <i>Introduction to Highway Hydraulics</i> , 2008	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, WSP 2339, <i>Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains</i> , 1984	http://www.fhwa.dot.gov/bridge/wsp2339.pdf http://pubs.er.usgs.gov/usgspubs/wsp/wsp2339
USGS, WSP 1849, "Roughness Characteristics of Natural Channels," 1978	http://pubs.er.usgs.gov/usgspubs/wsp/wsp1849
FHWA, <i>Hydraulic Stability of Articulated Concrete Block Revetment Systems During Overtopping Flow</i> , 1989	http://isddc.dot.gov/OLPFiles/FHWA/009461.pdf
Chapter 10 "Culverts"	
FHWA, HDS-5, <i>Hydraulic Design of Highway Culverts</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
<i>South Dakota Road Design Manual</i>	http://www.sddot.com/business/design/forms/roaddesign/default.aspx
FHWA, HDS-3, <i>Design Charts for Open-Channel Flow</i> , 1961	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-1, <i>Hydraulics of Bridge Waterways</i> , 1978	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-9, <i>Debris-Control Structures Evaluation and Countermeasures</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Texas DOT, <i>Hydraulic Design Manual</i> , 2004	http://onlinemanuals.txdot.gov/txdotmanuals/hyd/index.htm
Nebraska Department of Roads, Broken-back Culvert Analysis Program (BCAP), 2009	http://www.dor.state.ne.us/roadway-design/downloads.htm
FHWA, HEC-14, <i>Hydraulic Design of Energy Dissipators for Culverts and Channels</i> , 2006	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
USGS, TWIR Book 3, Chapter A3, "Measurement of Peak Discharges at Culverts by Indirect Methods," <i>Techniques of Water-Resources Investigations (TWIR)</i> , 1968	http://pubs.usgs.gov/twiri/
USBR, <i>Design of Small Canal Structures</i> , 1978	http://www.usbr.gov/pmts/hydraulics_lab/pubs/manuals_monographs.html
FHWA, HEC-20, <i>Stream Stability at Highway Structures</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Chapter 11 "Energy Dissipators"	
FHWA, HEC-14, <i>Hydraulic Design of Energy Dissipators for Culverts and Channels</i> , 2006	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-9, <i>Debris Control Structures Evaluation and Countermeasures</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-4, <i>Introduction to Highway Hydraulics</i> , 2008	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Fletcher, B. P. and Grace, J. L., <i>Practical Guidance for Estimating and Controlling Erosion at Culvert Outlets</i> , 1972	http://www.ntis.gov/search/index.aspx
FHWA, HEC-11, <i>Use of Riprap for Bank Protection</i> , 1967	http://www.ntis.gov/search/index.aspx

Agency/Document	Link
FHWA, HEC-11, <i>Design of Riprap Revetment</i> , 1989	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Chapter 12 “Storm Drainage Systems”	
FHWA, HEC-22, <i>Urban Drainage Design Manual</i> , 2009	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
<i>South Dakota Road Design Manual</i>	http://www.sddot.com/business/design/forms/roaddesign/default.aspx
<i>SDDOT Standard Plates</i>	http://www.sddot.com/business/design/plates/
USBR, <i>Design of Small Canal Structures</i> , 1978	http://www.usbr.gov/pmts/hydraulics_lab/pubs/manuals_monographs.html
AASHTO, <i>Highway Drainage Guidelines</i> , Chapter 9 “Storm Drainage Systems,” 2005	http://www.techstreet.com/cgi-bin/detail?doc_no=AASHTO%7CHDG_4_M&product_id=1371225
AASHTO, <i>A Policy on Geometric Design of Highways and Transportation Officials</i> , 2004	http://www.techstreet.com/standards/AASHTO/GDHS_5?product_id=1183385
FHWA, HDS-3, <i>Design Charts for Open Channel Flow</i> , 1961	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Cretex Concrete Products West, “Manhole Sizing Procedure,” 2004	http://www.cretexwest.com/PDFs/1330-40.pdf
Chapter 13 “Storage Facilities”	
FHWA, HEC-22, <i>Urban Drainage Design Manual</i> , 2009	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-2, <i>Highway Hydrology</i> , 2002	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
South Dakota Department of Environment and Natural Resources, Building a Dam	http://denr.sd.gov/des/wr/dam.aspx
USEPA, <i>Storm Water Technology Fact Sheet Wet Detention Ponds</i> , 1999	http://water.epa.gov/scitech/wastetech/upload/2002_06_28_mtb_wetdtnp.pdf
NOAA, Technical Report 33, <i>Evaporation Atlas for the Contiguous 48 United States</i> , 1982	http://www.weather.gov/oh/hdsc/PMP_related_studies/TR33.pdf
SDDOT, <i>Water Quality Enhancement Program Design Manual</i> , Section 5: Engineering and Design for Erosion Control	http://www.sddot.com/business/design/docs/wqep/section5.pdf
Metropolitan Washington COG, <i>Controlling Urban Runoff: A Practical Manual for Planning and Designing Urban BMPs</i> , 1987	http://www.mwcog.org/store/item.asp?PUBLICATION_ID=104
USBR, <i>Erosion and Sedimentation Manual</i> , Chapter 2, Erosion and Reservoir Sedimentation, 2006	http://www.usbr.gov/pmts/sediment/kb/ErosionAndSedimentation/chapters/Chapter2.pdf
Chapter 14 “Bridge Hydraulics”	
USFS, <i>Low-Water Crossings: Geomorphic, Biological and Engineering Design Considerations</i> , 2006	http://www.fs.fed.us/eng/pubs/pdf/LowWaterCrossings/index.shtml
FHWA, HEC-17, <i>Design of Encroachments on Floodplains Using Risk Analysis</i> , 1981	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HDS-6, <i>River Engineering for Highway Encroachments – Highways in the River Environment</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-20, <i>Stream Stability at Highway Structures</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm

Agency/Document	Link
FHWA, Technical Advisory (TA 5140.23), "Evaluating Scour at Bridges," October 28, 1993	http://www.fhwa.dot.gov/engineering/hydraulics/policymemo/t514023.cfm
FHWA, HEC-18, <i>Evaluating Scour at Bridges</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-23, <i>Bridge Scour and Stream Instability Countermeasures: Experience, Selection and Design Guidance</i> , 2009	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, <i>Scourability of Rock Formations</i> , 1991	http://www.fhwa.dot.gov/engineering/hydraulics/policymemo/rscour.cfm
NCHRP 24-29, <i>Scour at Bridge Foundations on Rock</i>	http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=728
FHWA Plans of Action (POA)	http://www.fhwa.dot.gov/engineering/hydraulics/bridgehyd/poa.cfm
FHWA, National Highway Institute, Course 135046, <i>Stream Stability and Scour at Highway Bridges - Participant's Workbook</i> , 2005	http://www.nhi.fhwa.dot.gov/default.aspx
FHWA, HEC-21, <i>Bridge Deck Drainage System</i> , 1993	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
AASHTO, <i>Highway Drainage Guidelines</i> , Chapter 7 "Hydraulic Analysis for the Location and Design of Bridges," 2005	https://bookstore.transportation.org/item_details.aspx?ID=1012
NCHRP, Report 533, <i>Handbook for Predicting Stream Meander Migration and Supporting Software</i> , 2004	http://www.trb.org/Main/Blurbs/155223.aspx
USGS, TWIR Book 3, Chapter A15, <i>Computation of Water Surface Profiles in Open Channels, Techniques of Water Resources Investigation (TWIR)</i> , 1984	http://pubs.er.usgs.gov/usgspubs/twri/twri03A15
FHWA, WSP 2339, <i>Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains</i> , 1984	http://pubs.er.usgs.gov/usgspubs/wsp/wsp2339 http://www.fhwa.dot.gov/bridge/wsp2339.pdf
USGS, WSP 1849, <i>Roughness Characteristics of Natural Channels</i> , 1978	http://pubs.er.usgs.gov/usgspubs/wsp/wsp1849
ASCE Compendium, <i>Stream Stability and Scour at Highway Bridges</i> , paper by Arneson, L.A. and S.R. Abt, <i>Vertical Contraction Scour at Bridges with Water Flowing Under Pressure Conditions</i> , 1999	http://www.asce.org/Product.aspx?ID=2147485860
USACE, <i>HEC-RAS River Analysis System, User's Manual</i>	http://www.hec.usace.army.mil/software/hec-ras/
AASHTO, <i>LRFD Bridge Design Specifications</i> , Section 2: General Design and Location Features, 2010	https://bookstore.transportation.org/item_details.aspx?ID=1560
Chapter 15 "Bank Protection"	
FHWA, HEC-23, <i>Bridge Scour and Stream Instability Countermeasures Experience, Selection and Design Guidance</i> , 2009	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-20, <i>Stream Stability at Highway Structures</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-11, <i>Design of Riprap Revetment</i> , 1989	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
USGS, WSP 1849, "Roughness Characteristics of Natural Channels," USGS, 1978	http://pubs.er.usgs.gov/usgspubs/wsp/wsp1849
South Dakota State University	http://climate.sdstate.edu/windrose/charts.shtm
FEMA Fact Sheet "Requirements for Mapping Levees Complying with Section 65.10 of the NFIP Regulations"	http://www.miamiconservancy.org/flood/pdfs/sec65_10_req_nov08.pdf

Agency/Document	Link
USACE, Engineering Manual (EM) 1110-2-1601, <i>Engineering and Design - Hydraulic Design of Flood Control Channels</i> , 1991	http://140.194.76.129/publications/eng-manuals/em1110-2-1601/toc.htm
SDDOT <i>Standard Specifications for Roads and Bridges, Riprap</i> , 2004	http://www.sddot.com/business/contractors/specs/
FHWA, <i>Geosynthetic Design and Construction Guidelines</i> , Participant Notebook, 1995, Revised 1998	http://www.fhwa.dot.gov/engineering/geotech/library_listing.cfm
USACE, SR-22, <i>Gabions for Streambank Erosion Control</i> , Environmental Laboratory, Ecosystem Management and Restoration Research Program (EMRRP), Technical Note (TN), Stream Restoration (SR) Number 22, 2000	http://el.erdc.usace.army.mil/elpubs/pdf/sr22.pdf
SDDOT <i>Standard Plates</i>	http://www.sddot.com/business/design/plates/
USACE, <i>User's Manual</i> , CHANLPRO, Technical Report CHL-98-20, 1998	http://chl.erdc.usace.army.mil/chl.aspx?p=m&a=MEDIA;7
Harris County Flood Control District, <i>Design Manual for Articulating Concrete Block Systems</i> , 2001	http://www.hcfd.org/dl_acbs.html
FHWA, HEC-14, <i>Hydraulic Design of Energy Dissipators for Culverts and Channels</i> , 2006	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-15, <i>Design of Roadside Channels with Flexible Linings</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
ASCE Journal of Hydraulic Engineering, paper by Maynard, S.T., <i>Gabion-Mattress Channel – Protection Design</i> , Vol. 1221, No. 7, 1995	http://ascelibrary.aip.org/
NCHRP Report 593, <i>Countermeasures to Protect Bridge Piers from Scour</i> , 2007	http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_593.pdf
Maccaferri Steel Wire Products, <i>Hydraulic Test to Develop Design Criteria for the Use of Reno Mattresses</i> , by Colorado State University, 1984	http://www.maccaferri-northamerica.com/
FHWA, "Countermeasures for Hydraulic Problems at Bridges, Volumes 1 and 2," FHWA-RD-78-162 and 163, 1978	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm?archived=true
FHWA, HDS-6, <i>River Engineering for Highway Encroachments – Highways in the River Environment</i> , 2001	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
Chapter 17 “Permits/Certifications”	
FHWA, Technical Advisory, T 6640.8A, <i>Guidance for Preparing and Processing Environmental and Section 4(F) Documents</i> , October 30, 1987	http://environment.fhwa.dot.gov/projdev/impTA6640.asp
FHWA, <i>Programmatic Floodplain Finding for Categorical Exclusions</i>	http://www.environment.fhwa.dot.gov/strmlng/nh_catex.asp
FEMA Website	http://www.fema.gov/
FEMA, <i>Community Status Book Report South Dakota, Communities Participating in the National Flood Program</i>	http://www.fema.gov/cis/SD.pdf
USACE Headquarters Website	http://www.usace.army.mil/CECW/Pages/reg_materials.aspx
USCG Bridge Administration Division Website	http://www.uscg.mil/hq/cg5/cg551/
USACE, <i>Wetland Delineation Manual</i> , 1987	http://el.erdc.usace.army.mil/elpubs/pdf/wlman87.pdf
USCG, <i>Bridge Permit Application Guide</i> , 1999	http://www.uscg.mil/hq/cg5/cg551/CP_16591_3C.pdf/

Agency/Document	Link
South Dakota Department of Environment and Natural Resources Website	http://denr.sd.gov
Chapter 18 “Hydraulic Software”	
FHWA Software Website	http://www.fhwa.dot.gov/engineering/hydraulics/software.cfm
USGS Software Website	http://water.usgs.gov/software/
USGS StreamStats Website	http://water.usgs.gov/osw/streamstats/ssonline.html
USACE Hydrologic Engineering Center Website	http://www.hec.usace.army.mil/
NRCS Website	http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/
USBR Website	http://www.usbr.gov/pmts/sediment/model/index.html
Nebraska Department of Roads (NDOR) Website	http://www.dor.state.ne.us/roadway-design/downloads.htm
USGS, <i>NWISWeb Interface</i>	http://nwis.waterdata.usgs.gov/usa/nwis/peak
USGS, <i>User's Manual for Peak FQ Program</i>	http://water.usgs.gov/software/PeakFQ/
USGS, <i>StreamStats</i>	http://pubs.usgs.gov/fs/2008/3067/pdf/fs-2008-3067-508.pdf
USGS, <i>National Flood Frequency Program</i>	http://pubs.usgs.gov/wri/wri024168/
USGS, <i>National Streamflow Statistics Program</i>	http://pubs.usgs.gov/tm/2006/tm4a6/
ACQUAVEO, <i>WMS</i>	http://www.aquaveo.com/software/wms-watershed-modeling-system-introduction
USACE, <i>HEC-HMS</i>	http://www.hec.usace.army.mil/software/hec-hms/
NRCS, <i>WinTR-20</i>	http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national//?&cid=stelprdb1042793
NRCS, <i>WinTR-55</i>	http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/?ss=16&navtype=BROWSEBYSUBJECT&cid=stelprdb1042901&navid=14010000000000&position=Not%20Yet%20Determined.Html&ttype=detailfull
FHWA, <i>Hydraulic Toolbox</i>	http://www.fhwa.dot.gov/engineering/hydraulics/software/toolbox.cfm
USACE, <i>HEC-RAS</i>	http://www.hec.usace.army.mil/software/hec-ras/
FHWA, <i>HY-8</i>	http://www.fhwa.dot.gov/engineering/hydraulics/software/hy8/quick72.cfm
NDOR, <i>Broken-Back Culvert Analysis Program</i>	http://ntl.bts.gov/lib/20000/20700/20745/PB98144884.pdf
Bentley, <i>StormCAD</i>	http://www.bentley.com/en-US/Products/StormCAD/Product-Overview.htm
Bentley, <i>PondPack</i>	http://www.bentley.com/en-US/Products/PondPack/Product-Overview.htm

Agency/Document	Link
USACE, <i>SAMwin</i>	http://www.ayresassociates.com/Web_SAMwin/overview.htm
USBR, <i>SRH-1D</i>	http://www.usbr.gov/pmts/sediment/model/srh1d/index.html
ACQUAVEO, <i>SMS</i>	http://www.aquaveo.com/sms
USACE, <i>CHANLPRO</i>	http://chl.ercd.usace.army.mil/software
USGS, Bulletin 17B, <i>Guidelines for Determining Flood-Flow Frequency</i>	http://water.usgs.gov/osw/bulletin17b/bulletin_17B.html
USGS, National Streamflow Statistics Program, <i>Regional Regression Equation Publications by State</i>	http://water.usgs.gov/osw/programs/nss/pubs.html
USACE, <i>HEC-RAS User's Manual</i>	http://www.hec.usace.army.mil/software/hec-ras/documentation/HEC-RAS_4.1_Users_Manual.pdf
FHWA, HDS-5, <i>Hydraulic Design of Highway Culverts</i> , 2005	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
FHWA, HEC-14, <i>Hydraulic Design of Energy Dissipators for Culverts and Channels</i> , 2006	http://www.fhwa.dot.gov/engineering/hydraulics/library_listing.cfm
NCHRP, <i>Criteria for Selecting Hydraulic Models</i> , 2006	http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_w106.pdf
USACE, Engineering Manual (EM) 1110-2-1601, 1994	http://140.194.76.129/publications/eng-manuals/em1110-2-1601/toc.htm
ASCE, <i>Gabion-Mattress Channel – Protection Design</i> , Paper by Maynard, S.T., 1995	http://ascelibrary.aip.org/
ASCE, <i>Toe-scour Estimation in Stabilized Bendways</i> , Paper by Maynard, S.T., 1996	http://ascelibrary.aip.org/