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Item	Year Issue	Scope	Branch	Contact Person	Tele. #	On Web?	Hardcopy Price
AT In-House Developed Software Package (zip file or original software package available upon request)	1996	Used for automating the highway survey design/drafting and construction process (Including the Benefit Cost Analysis Spreadsheet)	Technical Standards	Steve Lai	415-1051		
Aggregate Sources Listing (CD Version)	Current	A listing of Department controlled aggregate sources and prospects. This provides a quick reference to the Dept. controlled lands that contain aggregate or may contain aggregate	Technical Standards	Bruce Blue	415-1389		100.00
Alberta Highways Historical Equivalent Single Axle Loading Report (updated to current year)	Current	Presents ESAL history report	Strategic Procurement	Peter Kilburn	415-1359	✓	
Alberta Highways 1 to 986 Traffic Volume History (Last 10 Years Updated Yearly)	Current	Two way traffic volume history on Alberta’s Highway Network for the previous 10 years	Strategic Procurement	Peter Kilburn	415-1359	✓	
Alberta Primary Highway Traffic Volume And Vehicle Classification, Travel & ESAL Report (Updated Yearly)	Current	Statistical information on Traffic Volumes and Vehicle classifications for Alberta Highways Estimates of Equivalent Single Axle Loading (ESAL) based on traffic volumes for pavement design, and million vehicle-kilometres travelled for collision rates	Strategic Procurement	Peter Kilburn	415-1359	✓	
Alberta Traffic Collision Statistics (Updated Yearly)	Current	Descriptive collision statistics for Alberta	Office of Traffic Safety	Marlene Anderson	427-6774	✓	

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Alberta Transportation Utility Guidance Manual	2001	Application and procedures for utility placement in highway right-of-way	Technical Standards	Cathy Maniego	427-0706		65.00
Arch Beam culvert – Structural Design Guidelines Phase II Report (Email only)	2002	Structural design guidelines for arch-beam culverts	Technical Standards	Raymond Yu	415-1016		
Benefit Cost Analysis (Summary, Guide and User Manual)	1991	Analytical tool that systematically compares the stream of quantifiable benefits generated over the life of a project or program, to the cost incurred	Planning Services	Jim Der	415-1300		100.00
Bridge Aesthetics Study	2005	Provides an overview on the aesthetics of bridges and primarily focuses on structures constructed in Alberta	Technical Standards	Raymond Yu	415-1016	✓	
Bridge Construction Inspection Manual	2002	Inspection manual for bridge construction	Technical Standards	Greg Whyte	415-1011	✓	30.00
Bridge Inspection Manual (BIM) – Version 3.1	2008	Information and instruction manuals for the Bridge Inspection System	Technical Standards	Byron Chelick	415-1032	✓	50.00
Level 2 BIM Inspection Manual – Version 1.1	2007	Information and instruction manual for specialized Level 2 bridge inspections	Technical Standards	Byron Chelik	415-1032	✓	25.00
Bridge Rating – New Rating Truck Models Version 1.00	1997	Background information for the development of the CS rating truck models. Charts allow quick comparison of load effects of CS models and real trucks	Technical Standards	Clayton Matwychuk	415-0437	✓	10.00
Bridge Size Culverts Design & Drafting Guidelines	1995	Formalizes the Department's practice on design and drafting of bridge size culverts (defined as those with diameters greater than 1.5m)	Technical Standards	Raymond Yu	415-1016	✓	

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Bridge Structures Design Criteria Version 6.0	2007	Summary of important criteria for designing efficient and durable bridge structures based on Department past experience	Technical Standards	Clayton Matwychuk	415-0437	✓	
Contract Administration Manual for Highway and Bridge Maintenance Version 2	2003	Gives both new and existing employees in the highway maintenance sections a document that can act as a starting point for understanding the duties and responsibilities of employees, demonstrate a consistent approach and philosophy, provide proper protocol for handling issues that may arise from either contract interpretation or work specifications, assist readers in understanding the duties set out by the maintenance contract, and assist readers in understanding what the contractor has agreed to for the duration of his contract	Technical Standards	Steve Otto	643-0796	✓	20.00
Drafting Guidelines (CB-4)	1995	Assists technologists and engineers involved in the process of surveying, designing, drafting and tendering highway projects. Formalizes drafting standards and plan requirements	Technical Standards	Tim Normandin	415-1044	✓	
ECO Plan Framework	2005	This framework is to be utilized for Environmental Construction Operations Plans for Highway and bridge construction and rehabilitation projects for Alberta Transportation	Technical Standards	Darren Carter	644-4499	✓	
Engineering Consulting Guidelines for Highway, Bridge, and Water Projects – Volume 1 – Design and Tender	2011	Provides Department's expectations for the provision of engineering services for design and tender of provincial highway projects	Professional Services	Neil Kjelland	415-1028	✓	25.00
Engineering Consultant Guidelines for Highway and Bridge Projects – Volume 2 – Construction Contract Administration	2002	Provides Department standards for administration of construction contracts	Professional Services	Neil Kjelland	415-1028	✓	

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Environmental Management System Manual	2008	Provides an organizational approach to environmental management with the goal of making environmental considerations part of daily activities. The EMS applies to relevant department employees, and consultants and contractors that work for the department	Technical Standards	Darren Carter	644-4499	✓	
Erosion and Sediment Control Manual	2011	A design guide for best practices for erosion and sediment control on construction and rehabilitation projects.	Technical Standards	Fred Cheng	415-1039	✓	30.00
Field Guide for Erosion and Sediment control	2011	A field guide for best practices for erosion and sediment control on construction and rehabilitation projects	Technical Standards	Fred Cheng	415-1039	✓	20.00
Guidelines for Assessment, Rating and Prioritization of Seal Coat	1997	Presents background information and provides guidelines for the Seal Coat Rating System. An on-site inspection, which involves the assessment of 7 attributes of which 5 relate to pavement condition, enable the Department to prioritize potential seal coat projects	Technical Standards	Marta Juhasz	415-0691	✓	
Guidelines for School and Playground Zones and Areas	2004	This document prescribes guidelines for the establishment, signing and marking of school and playground zones and areas. The guidelines are intended as a tool for practitioners, including Alberta Transportation and the municipalities, municipal districts and counties within Alberta	Technical Standards	Richard Chow	415-1050	✓	25.00
Highway Geometric Design Guide	1999	Establishes uniform geometric design standards and procedures to carry out highway design functions	Technical Standards	Bill Kenny or Peter Mah	415-1048 427-7129	✓	100.00

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Highway Maintenance Guidelines and Level of Services	2000	Manual provides maintenance standards and levels of maintenance services for provincial highways, to ensure consistency throughout the province	Technical Standards	Steve Otto	643-0796	✓	25.00
Highway Guide and Information Sign Manual	2006	This manual provides guidelines and standards for the application of guide and information signs on rural and urban highways in Alberta. The manual has been prepared to provide consistency and uniformity in guide and information signage applications on rural highways throughout Alberta, as well as locations where a highway or roadway is serving a city, town, village or other major urban development	Technical Standards	Richard Chow	415-1050	✓	100.00
Highway Lighting Guide	2003	The purpose of this guide is to promote highway lighting design uniformity and enhance the safe and efficient operation of Alberta roads during dusk, dawn and night. This guide establishes uniform roadway lighting design standards and procedures as they relate to the highway design functions of Alberta Transportation	Technical Standards	Richard Chow	415-1050	✓	60.00
Highway Pavement Marking Guide	2003	Guidelines for design and placement of pavement markings on provincial highways in Alberta	Technical Standards	Richard Chow	415-1050	✓	
Highway Standard Plates CB-6 Standards	1999	Standard highway construction drawings	Technical Standards	Bill Kenny	415-1048	✓	
Highway Status Summary (updated yearly)	Current	Pavement Management System Data including year first based, paved overlay, present condition, predicted need, present ESAL, AADT	Technical Standards	Wei He	415-6567	✓	

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Manual for Test Procedures	1997	Alberta Transportation Test (ATT) procedures that are referenced in AT construction specifications. ATT test procedures are testing standards used for quality assurance (QA) and in some cases quality control (QC) testing on AT projects	Technical Standards	Larry Dombrosky or Jim Gavin	415-1010 415-1008	✓	
Pavement Design Manual	1997	Provides a comprehensive guideline for surfacing structural design of new construction (including reconstruction & grade widening & rehabilitation on Primary and Secondary Highways in the Province)	Technical Standards	Marta Juhasz	415-0691	✓	50.00
Paving Guidelines & Segregation Rating Manual	2002	Guidelines for the administration and interpretation of Specification 3.50 Asphalt Concrete Pavement – EPS including requirements for pavement segregation	Technical Standards	Larry Dombrosky	415-1010		25.00
Partnering Guidelines Manual	2008	Guidelines for partnering on Alberta Transportation projects, including requirements for annual partnering sessions and expectations for partnering on smaller projects	Technical Standards	Robert Quinton	427-1581	✓	5.00
Post Disturbance Reclamation Criteria and Assessment Procedures for Borrow Excavations	2002	Provides guidance on undertaking a soil and vegetation survey after reclamation of the borrow	Technical Standards	Carlene Godwin	422-7486	✓	
Pre-disturbance Assessment Procedures for Borrow Excavations for Road Construction	2002	Provides guidance on undertaking a soil survey on a borrow excavation prior to disturbance	Technical Standards	Carlene Godwin	422-7486	✓	
Procedural Guidelines for Railway Grade Separations	2004	Provides guideline's outlining the procedure for obtaining approval to construct or reconstruct railway grade separations projects	Technical Standards	Raymond Yu	415-1016	✓	50.00

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Project Administration Manual	2006	Outlines procedures for the administration of transportation wand water management projects	Professional Services	Al Donovan	422-4202	✓	
Repair Manual for Concrete Elements	2005	Provides guidelines for assessing and repairing damage to concrete girders due to an impact by a high load collision, fire damage or corrosion	Technical Standards	Abdul Waheed	415-1019	✓	
Repair of Bridge Structural Steel Elements Manual	2004	Provides guidelines for assessing and repairing damage to structural steel bridge elements	Technical Standards	Abdul Waheed	415-1019	✓	
Road/Railway Crossing Guidelines	1997	Guidelines for road/railway at-grade and grade separated crossing	Technical Standards	Richard Chow	415-1050		20.00
Roadside Design Guide	2007	The Guide outlines the general philosophy and principles of roadside design and the Department's current practices and guidelines governing roadside design activities	Technical Standards	Bill Kenny	415-1048	✓	100.00
Signing Pattern Manual	1986	CURRENTLY UNAVAILABLE – Under Development. Signing Patterns reproduced to exact scale: Regulatory, Warning, Information, Construction and Miscellaneous/Special  AVAILABLE ONLINE – SIGN CATALOGUE AND IMAGES	Technical Standards	Richard Chow	415-1050		
Standard Specifications for Highway Construction – Edition 14 – 2010	2010	General specifications for highway construction	Professional Services	Scott Fraser	415-1077	✓	35.00
Specifications for Bridge Construction – 2010	2010	General Requirements and standard specifications for bridge construction	Technical Standards	Greg Whyte	415-1011	✓	35.00

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General Specifications, Specification Amendments and Supplemental Specifications for Highway and Bridge Construction – Edition 14 – 2010	2010	Requisite adjunct to Standard Specification manual provides additional contractual requirements for AT highway construction contracts. Complementary with purchase of Std. Spec. for Hwy. Construction or Spec. for Bridge Construction manual	Professional Services	Scott Fraser	415-1077	✓	n/c
Standard Specification for Highway Maintenance (Version 5)	2010	Standard specifications for provincial highway maintenance	Technical Standards	Steve Otto	643-0796	✓	35.00
Traffic Accommodation in Work Zones 2008 (1 <sup>st</sup> Edition)	2008	Outlines general considerations for developing an effective traffic accommodation strategy and provides guidelines for the use of various Traffic Control Devices along provincial highways in rural and urban areas	Technical Standards	Joe Mah	415-1018	✓	50.00
Traffic Impact Assessment Guideline	2005	Provides guidelines for the completion of Traffic Impact Assessments being reviewed or approved by Alberta Transportation	Technical Standards	Cathy Maniego	427-0706	✓	
Transportation Laboratory Test Procedures	2003	Contains all Transportation Laboratory Test (TLT) procedures referenced in the AT construction specifications and Highway Maintenance Specification Manuals. The TLT test procedures are testing standards to be used for quality assurance (QA) testing and design of AT Projects	Technical Standards	Jim Gavin	415-1008	✓	
<b>MAPS</b> (Orders can be made directly through Technical Standards Branch/Geographic Information Systems)							
Bridge File Maps (by Municipality) (photo grade paper)	1995	Shows all Bridge Size Structures by category.	Technical Standards	Wilf Schneider	415-1042		25.00
Bridge File Maps (by NTS Grid) (photo grade paper)	1995	Shows all Bridge Size Structures by category.	Technical Standards	Wilf Schneider	415-1042		25.00



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Contract Maintenance of Provincial Primary Hwys (large) (0x120cm)	Current	Map showing Contract Maintenance Areas, corresponding controls section numbers and lengths in kilometres, maintenance shop locations.	Highway Geomatics	Merv Henning	415-1043		25.00
Contract Maintenance of Provincial Primary Hwys (small) (45X80cm)	Current	Map showing Contract Maintenance Areas, corresponding controls section numbers and lengths in kilometres, maintenance shop locations.	Highway Geomatics	Merv Henning	415-1043		25.00
Primary Highway Progress Chart – Hwys 1 – 216	Current	Wall size map (86x140cm) showing surface classification, control section numbers and kilometre lengths for the Provincial Primary Hwy System.	Highway Geomatics	Merv Henning	415-1043		25.00
Primary Highway Progress Chart – Hwys 500 – 986.	Current	Wall size map (86x140cm) showing surface classification, control section numbers and kilometre lengths for the Provincial Primary Hwy System.	Highway Geomatics	Merv Henning	415-1043		25.00