



COLORADO

Department of Transportation

Region 1

Colorado Department of Transportation
&
Contractor

BOOK 3

APPLICABLE STANDARDS, DATA, AND REPORTS

FINAL REQUEST FOR PROPOSAL

Eisenhower/Johnson Memorial Tunnel
Drainage, Plumbing, Heat Trace
Design Build Project

Project No. C 0703-482
Subaccount 24210
December 16, 2021

APPLICABLE STANDARDS, DATA, AND REPORTS

Copies of reports are available at CDOT.

Availability Legend

IS = Industry standard; Not supplied by CDOT

S = Included in RFP; supplied by CDOT (W = Web Access; E = CD, DVD, or USB; HC = Hard Copy)

Date Issued: Date the document was listed or supplied with the RFP

Section	Standard		Availability
Apply to more than one Section	CDOT	2021 Standard Specifications for Road and Bridge Construction	IS
	CDOT	2019 M&S Standard Plans	IS
	AASHTO	A Policy on Geometric Design of Highways and Streets	IS
	FHWA	Manual on Uniform Traffic Control Devices - Current Edition (MUTCD)	IS
	CDOT	Project Development Manual	IS
	CDOT	Workplace Safety Manual	IS
	OSHA	29 CFR 1910, Federal Occupational Safety and Health Standards (General Industry)	IS
	NIST	National Institute of Standards and Technology	IS
	ISO	International Organization for Standardization	IS
	NFPA	101 Life Safety Code	IS
Section 1	CDOT	EJMT Tunnel Safety Rules	S
	OSHA	Underground Construction, Caissons, Cofferdams, and Compressed Air	IS
Section 2	FHWA	1273 - Required Federal Provisions, Federal-Aid Construction Contract	IS
	USDOL	Davis-Bacon Act	IS
Section 3	CDOT	2019 Construction Manual	IS
	CDOT	2021 Field Materials Manual	IS
	AASHTO	Materials Reference Laboratory	IS
	ISO	ISO 9000	IS

Book 3 - Applicable Standards
 EJMT DPHT Design Build Project
 Project No. C 0703-482; Subaccount 24210

Section	Standard		Availability
Section 4			
Section 5	CDOT/FHWA	Memorandum of Understanding Between the BLM, CDOT, FHWA, and the USDA, Forest Service Rocky Mountain Region	S
	CDOT	Erosion Control and Stormwater Quality Guide	W
	CDOT/FHWA	2019 Memorandum of Agreement Between FHWA and CDOT Regarding the Programmatic Approval of Certain Wetland Findings	S
	USACE	Corps of Engineers Wetlands Delineation Manual (1987)	W
	USACE	Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region	W
	CDOT	Guidelines for Senate Bill 40 Wildlife Certification Developed and Agreed Upon by Colorado Parks and Wildlife and the Colorado Department of Transportation (April 1, 2013)	W
	CDOT	I-70 Mountain Corridor Aesthetics Guidance	W
Section 6			
Section 7	Colorado	Colorado Revised Statutes	W
Section 8	Federal	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970	IS
	Federal	Right of Way Requirements for Design Build	IS
	Colorado	Colorado Relocation Assistance and Land Acquisition Policies Act	IS
	Colorado	Colorado Eminent Domain Act	W
	CDOT	Right of Way Manual	IS
	OSHA	Demolition Regulations 1926.850	IS
Section 9	CDOT	Survey Manual	IS
Section 10	CDOT	2021 M-E Pavement Design Manual	IS
	<u>CDOT</u>	<u>Pavement Design Manual</u>	<u>IS</u>
Section 11			
Section 12	CDOT	Drainage Design Manual	IS
	FHWA	Drainage of Highway Pavements, HEC-12	IS
	FHWA	Design of Roadside Channels with Flexible Linings, HEC-15	IS

Book 3 - Applicable Standards
 EJMT DPHT Design Build Project
 Project No. C 0703-482; Subaccount 24210

Section	Standard		Availability
	FHWA	Hydraulic Design of Improved Inlets for Culverts, HEC-13	IS
	FHWA	Hydraulic Design of Highway Culverts, HDS-5	IS
	CDOT	Erosion Control and Stormwater Quality Guide	IS
	CDOT	Water Quality Guidance for Consultants	W
	CDOT	Design Bulletin - Pipe Material Selection Policy	S
	CDOT	CADD Manual	IS
	CDOT	Drafting Manual	IS
Section 13	CDOT	Roadway Design Guide	IS
	AASHTO	Roadside Design Guide	IS
Section 14	NFPA	70 - National Electrical Code	IS
Section 15	AASHTO	LRFD Bridge Design Specifications, 9th Edition	IS
	CDOT	Bridge Detail Manual	W
<u>Section 16</u>	CDOT <u>NFPA</u>	Region 1 Lane Closure Strategy <u>13 – Standard for the Installation of Sprinkler Systems</u>	IS <u>IS</u>
	CDOT	EJMT Incident Management Plan	IS <u>IS</u>
	CDOT	EJMT Maintenance Standards	IS <u>IS</u>
	CDOT	Safety Guide	IS <u>IS</u>
Section 17 <u>Section 16</u>	CDOT <u>CDOT</u>	Policy Directive 503.0 - Landscaping with Native Plant Material <u>Region 1 Lane Closure Strategy</u>	SS <u>SS</u>
Section 18 <u>Section 17</u>	CDOT <u>CDOT</u>	Highway Maintenance Levels of Service Manual <u>Policy Directive 503.0 – Landscaping with Native Plant Material</u>	WS <u>WS</u>
Section 19 <u>Section 18</u>	NFPA <u>CDOT</u>	502 - Standard for Road Tunnels, Bridges, and Other Limited Access Highways <u>Highway Maintenance Levels of Service Manual</u>	ISW <u>ISW</u>
Section 19	NFPA <u>NFPA</u>	13 - Standard for the Installation of Sprinkler Systems <u>502 – Standard for Road Tunnels, Bridges, and Other Limited Access Highways</u>	ISIS <u>ISIS</u>
	NFPA <u>NFPA</u>	14 - Standard for the Installation of Standpipe and Hose Systems <u>13 – Standard for the Installation of Sprinkler Systems</u>	ISIS <u>ISIS</u>
	NFPA <u>NFPA</u>	72 - National Fire Alarm and Signaling Code <u>44– Standard for the Installation of Standpipe and Hose Systems</u>	ISIS <u>ISIS</u>

Book 3 - Applicable Standards
 EJMT DPHT Design Build Project
 Project No. C 0703-482; Subaccount 24210

Section	Standard		Availability
	IEEE NFPA	National Electrical Safety Code 72 -- National Fire Alarm and Signaling Code	ISIS
	State of Colorado IEEE	Approved State Building Codes National Electrical Safety Code	WIS
	NFPA State of Colorado	110 - Standard for Emergency and Standby Power Systems Approved State Building Codes	ISW
	CDOTNFPA	2020 Sign Design Manual 110 -- Standard for Emergency and Standby Power Systems	WIS
<u>Section 20</u>			
Section 20 Section 21	NFS/ANSI	61: Drinking Water System Components	IS
	CDPHNFS/ANSI	Regulation #11: Primary Drinking Water Regulations 61: Drinking Water System Components	ISIS
	CDPHECDPHE	Policy #5: Design Criteria for Potable Water Systems Regulation #11: Primary Drinking Water Regulations	ISIS
	ICCDPHE	International Plumbing Code Policy #5: Design Criteria for Potable Water Systems	ISIS
	ICCICC	International Mechanical Code International Plumbing Code	ISIS
	State of Colorado ICC	Approved State Building Codes International Mechanical Code	WIS
	State of Colorado	Approved State Building Codes	W