



**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
	CDOT	Pavement Design Manual	IS
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
Section 16	CDOT	Region 1 Lane Closure Strategy	S
	CDOT	EJMT Incident Management Plan	IS
	CDOT	EJMT Maintenance Standards	IS
	CDOT	Safety Guide	IS
Section 17	CDOT	Policy Directive 503.0 - Landscaping with Native Plant Material	S
Section 18	CDOT	Highway Maintenance Levels of Service Manual	W
Section 19	NFPA	502 - Standard for Road Tunnels, Bridges, and Other Limited Access Highways	IS
Section 19	NFPA	13 - Standard for the Installation of Sprinkler Systems	IS
	NFPA	14 - Standard for the Installation of Standpipe and Hose Systems	IS
	NFPA	72 - National Fire Alarm and Signaling Code	IS
	IEEE	National Electrical Safety Code	IS
	State of Colorado	Approved State Building Codes	W
	NFPA	110 - Standard for Emergency and Standby Power Systems	IS
	CDOT	2020 Sign Design Manual	W

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

---

Section	Standard		Availability
Section 20			
Section 21	NFS/ANSI	61: Drinking Water System Components	IS
	CDPHE	Regulation #11: Primary Drinking Water Regulations	IS
	CDPHE	Policy #5: Design Criteria for Potable Water Systems	IS
	ICC	International Plumbing Code	IS
	ICC	International Mechanical Code	IS
	State of Colorado	Approved State Building Codes	W