



**MARYLAND DEPARTMENT OF TRANSPORTATION  
AND THE MARYLAND TRANSIT ADMINISTRATION**

**AND**

**PURPLE LINE TRANSIT PARTNERS LLC**

**BOOK 3 - CODES AND STANDARDS**

**EXECUTION VERSION**

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The Project shall comply with the requirements of the Codes and Standards listed in the Technical Provisions, and the Codes and Standards listed in this Book 3. Book 3 Codes and Standards shall include all Codes and Standards referred to in the Technical Provisions, whether specifically cited in Book 3 or not.

Codes and Standards specifically cited in the Technical Provisions shall have precedence over Book 3 Codes and Standards. Concessionaire shall use the most current version of each listed Code or Standard as of the Setting Date unless specified otherwise in the Technical Provisions and except as provided in 7.2.6 of the Agreement.

**Exhibit 1 – Codes and Standards**

Agency / Author	Title
AASHTO	A Policy on Geometric Design of Highways and Streets
AASHTO	AASHTO LRFD Bridge Design Specifications
AASHTO	AASHTO, LRFD Bridge Construction Specifications
AASHTO	Guide for Design of Pavement Structures
AASHTO	Guide for Park-and-Ride Facilities
AASHTO	Guide for the Development of Bicycle Facilities
AASHTO	Guide for the Planning, Design, and Operation of Pedestrian Facilities
AASHTO	Guide Specifications for Seismic Isolation Design
AASHTO	Highway Safety Design and Operations Guide
AASHTO	LRFD Bridge Construction Specifications
AASHTO	LRFD Guide Specification for Design of Pedestrian Bridges
AASHTO	Manual for Bridge Evaluation
AASHTO	Manual on Subsurface Investigations
AASHTO	Quality Standards for Work Zone Traffic Control Devices
AASHTO	Roadside Design Guide
AASHTO	Roadway Lighting Design Guide
AASHTO	Standard Recommended Practice for Evaluation of Transportation-Related Earthborne Vibrations
AASHTO	Standard Specifications for Highway Bridges
AASHTO	Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals
AASHTO	The Blue Ribbon Panel on Bridge and Tunnel Security, Recommendations for Bridge and Tunnel Security
ABMA	American Boiler Manufacturers Association standards
ACG AABC	AABC Commissioning Group/Guideline

<b>Agency / Author</b>	<b>Title</b>
ACGIH	American Conference of Governmental Industrial Hygienists
ACI	A Guide to Durable Concrete
ACI	Analysis and Design of Reinforced Concrete Guideway Structures
ACI	Building Code Requirements and Specification for Masonry Structures and Related Commentaries
ACI	Building Code Requirements for Reinforced Concrete
ACI	Code Requirements for Evaluation, Repair, and Rehabilitation of Concrete Buildings
ACI	Guide to Mass Concrete
ACI	Guide to Shotcrete
ACI	Protection of Metals in Concrete Against Corrosion
ADA	ADA Standards for Accessible Design
ADC	Air Diffusion Counsel Standards
AIA	Architectural Graphic Standards
AISC	Seismic Design Manual
AISC	Specification for the Design, Fabrication and Erection of Structural Steel for Buildings
AISC	Steel Construction Manual
AISC	Steel Construction Manual, Specification for Structural Steel Buildings
AMCA	Air Movement and Control Association standards
ANSI	American National Standard Practice for Roadway Lighting
ANSI	American Standard for Nursery Stock
ANSI	Digital Hierarchy
ANSI	Mobile and Locomotive Cranes
ANSI	Occupation and Education Eye and Face Protection
ANSI	Personal Eye Care and Face Protection Devices
ANSI	Requirements for Industrial Head Protection
ANSI	S1.4: Specifications for Sound Level Meters
ANSI	Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment Operating on Land Highways - Safety Code
ANSI	Safety in Welding, Cutting, and Allied Processes
ANSI	Safety Requirements for Industrial head Protection

<b>Agency / Author</b>	<b>Title</b>
ANSI	Safety Requirements for Pruning Trimming, Repair, Maintaining and Removing Trees for Cutting Brush
ANSI	Slings
ANSI / IESNA	Recommended Practice for Tunnel Lighting
ANSI / IESNA	Roadway Lighting
ANSI / SAE	Describing and Measuring the Driver's Field of View
ANSI/ASHRAE	Method of Testing General Ventilation Air - Cleaning Devices for Removal Efficiency by Particle Size
AOA	Older Americans Act
APTA	Cable Ampacity Tables for Direct Current Traction Power Systems
APTA	Crime Prevention through Environmental Design for Transit Facilities
APTA	Guidelines for Design of Rapid Transit Facilities
APTA	Security Lighting for Non Revenue Transit Facilities
APTA	Security Lighting for Transit Passenger Facilities
APTA	Standard for Rail Transit Track Inspection and Maintenance
AREMA	Communications and Signals Manual
AREMA	Manual for Railway Engineering
AREMA	Portfolio of Trackwork Plans
ARI	Air Conditioning and Refrigeration Institute standards
ASCE	Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data
ASCE / SEI	Minimum Design Load for Buildings and Other Structures
ASCI	Seismic Design Manual
ASCI	Steel Construction Manual Specification for Structural Steel Buildings
ASHRAE	ASHRAE Handbook
ASHRAE	Commissioning Process for Buildings and Systems
ASHRAE	Energy Standard for Buildings
ASHRAE	Ventilation for Acceptable Indoor Air Quality
ASME	Face-to-Face and End-to-End Dimensions of Valves
ASME	Pressure Piping package of standards
ASME	Safety Code for Elevators and Escalators

Agency / Author	Title
ASME	Safety Standard for Structural Requirements for Light Rail Vehicles
ASME	Standards of Pressure Piping
ASME / ANSI	Fittings and Valves package of standards
ASME / ANSI	Mobile and Locomotive Cranes
ASME / ANSI	Slings
ASTM	A307 - Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60,000 PSI Tensile Strength
ASTM	A325 - Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
ASTM	A36 - Standard Specification for Carbon Structural Steel
ASTM	A436 - Standard Specification for Austenitic Gray Iron Castings
ASTM	A500 - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM	A53 - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM	A563 - Standard Specification for Carbon and Alloy Steel Nuts
ASTM	A572 - Standard Specification for High Strength Low Alloy Columbium Vanadium Structural Steel
ASTM	A595 - Standard Specification for Steel Tubes, Low-Carbon or High-Strength Low- Alloy, Tapered for Structural Use
ASTM	A992 - Standard Specification for Structural Steel Shapes
ASTM	B1 - Standard Specification for Hard-Drawn Copper Wire
ASTM	B47 - Standard Specification for Copper Trolley Wire
ASTM	B8 - Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft
ASTM	B88 – Standard Specification for Seamless Copper Water Tube
ASTM	C150 - Standard Specification for Portland Cement
ASTM	C452 - Standard Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate
ASTM	C76 - Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
ASTM	D1293 - Standard Test Methods for pH of Water
ASTM	D1452 - Standard Practice for Soil Exploration and Sampling by Auger Borings
ASTM	D1498 - Standard Test Method for Oxidation-Reduction Potential of Water

Agency / Author	Title
ASTM	D2488: Standard Practice for Description and Identification of Soils
ASTM	D257 - Standard Test Methods for DC Resistance or Conductance of Insulating Materials
ASTM	D4220 - Standard Practices for Preserving and Transporting Soil Samples
ASTM	D4327 - Standard Test Method for Anions in Water by Suppressed Ion Chromatography
ASTM	D4658 - Standard Test Method for Sulfate Ion in Water
ASTM	D512 - Standard Test Methods for Chlorine Ion in Water
ASTM	D513 - Standard Test Methods for Total and Dissolved Carbon Dioxide in Water
ASTM	D516 - Standard Test Method for Sulfate Ion in Water
ASTM	E84 – Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM	F1554 - Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength
ASTM	G200 - Standard Test Method for Measurement of Oxidation-Reduction Potential of Soil
ASTM	G51 - Standard Test Method for Measuring pH of Soil for Use in Corrosion Testing
ASTM	G57 - Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method
ASTM	International (ASTM) Standards
ASTM	Standard Specification for Lock-Strip Gaskets
ASTM	Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using Radiant Heat Energy Source
ASTM	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM	Standard Test Method for Measuring the Coefficient of Retroreflected Luminance of Pavement Markings in a Standard Condition of Wetness
ASTM	Standard Test Method for Surface Flammability of Flexible Cellular Materials Using Radiant Heat Energy Source
ASTM	Standard Test Methods for Bonded, Fused, and Laminated Apparel Fabrics
ASTM	Standard Test Methods for Fire Testing of Building Construction and Materials
ASTM	Standard Test Methods for Flexible Cellular Materials - Slab, Bonded, and Molded Urethane Foams
ASTM	Standard Test Methods for Specific Optical Density of Smoke Generated by Solid Materials

<b>Agency / Author</b>	<b>Title</b>
ATC	Improved Seismic Design Criteria for California Bridges: Provisional Recommendations
ATSSA	Quality Guidelines for Work Zone Traffic Control Devices
AWS	Applicable Standards
BICSI	Building Industry Consulting Service International
BSI	Railway applications. Fixed installations. Electrical safety, earthing and the return circuit Protective provisions against electric shock.
CCITT	Consultative Committee for International Telephone and Telegraph
CEB / FIP	Model Code
CENELEC	Railway Applications - Electromagnetic Compatibility
CENELEC	Railway Applications – Electromagnetic compatibility – Part 4 – Emissions and immunity of the signaling and telecommunications apparatus
CFR	ADA Accessibility Guidelines for Buildings and Facilities
CFR	Americans with Disabilities Act Accessibility Specifications for Transportation Vehicles
CFR	Denial of Public Works Contracts to Suppliers of Goods and Services of Countries that Deny Procurement Market Access to U.S. Contractors
CFR	Federal Communications Commission Regulations
CFR	Federal Motor Vehicle Safety Standards
CFR	Passenger Equipment Safety Standards
CFR	Protection of Sensitive Security Information
CFR	Rail Fixed Guideway Systems; State Safety Oversight
CFR	Title 23 – Part 650.2 - National Bridge Inspection Standards
CFR	Title 23, Part 650 - Bridges, Structures, and Hydraulics
CFR	Title 29 - Labor, Parts 1900-1990 - Occupational Safety and Health Administration
CFR	Title 29 – Occupational Safety and Health Administration
CFR	Title 29 – Parts 1926 - Safety and Health Regulations for Construction
CFR	Title 36 – Parts 1911 - ADA Accessibility Guidelines for Buildings and Facilities
CFR	Title 40 - Protection of Environment, Part 262 - Standards Applicable to Generators of Hazardous Waste
CFR	Title 47, Part 15 - Radio Frequency Devices
CFR	Title 47, Part 2 - Frequency Allocation and Radio Treaty Matters
CFR	Title 49 - Transportation, Part 219 - Control of Alcohol and Drug Use



Agency / Author	Title
CFR	Title 49 - Transportation, Part 40 - Procedures for Transportation Workplace Drug and Alcohol Testing Programs
CFR	Title 49 - Transportation, Part 655 - Prevention of Alcohol Misuse and Prohibited Drug Use in Transit Operations
CFR	Title 49 - Transportation, Part 665 - Bus Testing
CFR	Title 49, Part 1520 – Protection of Sensitive Security Information
CFR	Title 49, Part 213: Track Safety Standard of the United States
CFR	Title 49, Part 236 - Rules, Standards, and Instructions Governing the Installation, Inspection, Maintenance, and Repair of Signal and Train Control Systems, Devices, and Appliances
CFR	Title 49, Part 27 – Nondiscrimination on the Basis of Disability in Programs and Activities Receiving or Benefiting from Federal Financial Assistance
CFR	Title 49, Part 30 – Denial of Public Works Contracts to Suppliers of Goods and Services of Countries that Deny Procurement Market Access to U.S. Contractors
CFR	Title 49, Part 37 – Transportation Services for Individuals with Disabilities including Appendices
CGA	Compressed Gas Association
COMAR	Construction on Nontidal Waters and Floodplains
COMAR	Erosion and Sediment Control
COMAR	Maryland Building Performance Standards
COMAR	Maryland Department of Housing and Community Development
COMAR	Maryland State Fire Prevention Code
COMAR	Permits
COMAR	Stormwater Management
COMAR	Title 26 - Department of Environment
COMAR	Title 9 – Department of Labor, Licensing and Regulation
COMAR	Water Quality Certification
DOD	Human Engineering Design Guidelines
DOD	Reliability Prediction of Electronic Equipment
DOD	Standard Practice for System Safety
DOJ	ADA Standards for Accessible Design
EIA	EIA RS-329: Minimum Standards for Land Mobile Communications Antennas, Part I – Based or Fixed Station Antennas, and Part II – Vehicular Antennas

Agency / Author	Title
EIA	EIA-455 Series: Standard Test Procedures for Fiber Optic Fibers, Cables, Transducers, Connecting and Terminating Devices
EIA	Electronic Industries Association
FAR	Flammability Requirements for Aircraft Safety Cushions
FGCC	Geometric Geodetic Accuracy Standards and Specifications for using GPS Relative Positioning Techniques
FGCC	Standards and Specifications for Geodetic Control Networks
FGCS	Specifications and Procedures to Incorporate Electronic Digital/Bar-Code Leveling Systems
FGDC	Geospatial Positioning Accuracy Standards
FHWA	Crashworthy Work Zone Traffic Control Devices
FHWA	Geotechnical Engineering Circular No. 4 - Ground Anchors and Anchored Systems
FHWA	Geotechnical Engineering Circular No. 5 – Evaluation of Soil and Rock Properties
FHWA	Geotechnical Engineering Circular No. 6 – Shallow Foundations
FHWA	Geotechnical Engineering Circular No. 7 - Soil Nail Walls
FHWA	Geotechnical Engineering Circular No. 8 - Design and Construction of Continuous Flight Auger Piles
FHWA	Geotechnical Instrumentation
FHWA	Ground Improvement Technical Summaries Volumes I and II
FHWA	HEC-24. Highway Stormwater Pump Station Design
FHWA	HEC-26: Culvert Design for Aquatic Organism Passage
FHWA	HEC-15: Design of Roadside Channels with Flexible Linings
FHWA	Manual for Assessing Safety Hardware
FHWA	Manual for Design and Construction Monitoring of Soil Nail Walls
FHWA	Manual on Uniform Traffic Control Devices for Streets and Highways
FHWA	Measurement of Highway Related Noise
FHWA	Mechanically Stabilized Earth Walls and Reinforced Soil Slopes - Design and Construction Guidelines
FHWA	Recommendations for Bridge and Tunnel Security
FHWA	Recommended Procedures for the Safety Performance Evaluation of Highway Features

<b>Agency / Author</b>	<b>Title</b>
FHWA	Soil Nailing Field Inspectors Manual
FHWA	Soil Nailing for Stabilization of Highway Slopes and Excavations
FHWA	Standard Alphabets for Highway Signs
FHWA	Standard Highway Signs
FHWA	Subsurface Investigations - Geotechnical Site Characterization Reference Manual for NHI 123031
FHWA	Technical Manual for Design and Construction of Road Tunnels - Civil Elements
FHWA	Tiebacks
FHWA	Tiebacks, Executive Summary
FHWA / AASHTO	Manual for Assessing Safety Hardware
FHWA / NCHRP	Report 350 - Recommended Procedures for the Safety Performance Evaluation of Highway Features
FHWA / NCHRP	Report 553 - Crashworthy Work-Zone Traffic Control Devices
FHWA / NCHRP	Report 672 - Roundabouts: An Informational Guide
FHWA / NCHRP	Roundabouts in the United States
FIPS	Federal Information Processing Standard 140-2 and -3: Security Requirements for Cryptographic Modules
FIPS	FIPS 197 AES Advanced Encryption Standard or current NIST approved standards
FM	Factory Mutual
FTA	Handbook for Transit Safety and Security Certification
FTA	Hazard Analysis Guidelines for Transit Projects
FTA	Quality Assurance and Quality Control Guidelines
FTA	Quality Management System Guidelines
FTA	Safety and Security Management Guidance for Major Capital Projects
FTA	The Public Transportation System Security and Emergency Preparedness Planning Guide
FTA	Transit Agency Security and Emergency Management Protective Measures
FTA	Transit Noise and Vibration Impact Assessment
FTA	Transit Security Design Considerations

Agency / Author	Title
HSPD	Policy for a Common Identification of Standard for Federal Employees and Contractors
IAEI	SOARES Book on Grounding
ICC	International Building Code
ICC	International Residential Code
ICC / ANSI	Accessible and Usable Buildings and Facilities
ICC/IECC	International Energy Conservation Code
ICC/IMC	International Mechanical Code
ICEA	Cross-Linked Polyethylene Insulated Wire & Cable for Transmission & Distribution
ICEA	Insulated Cable Engineers Association requirements
IEBC	International Existing Building Code
IEC	Communications Networks and Systems in Substations
IEC	Railway Applications - Electromagnetic Compatibility
IEC	Railway Applications - Fixed Installations - Electrical safety, earthing, and the return circuit
IEC	Railway Applications - Rolling Stock Equipment - Shock and Vibration Tests
IEC	Railway Applications - Supply Voltages of Traction Systems
IEEE	IEEE 484, Recommended Practice for Installation Design and Installation of Vented Lead-acid Batteries for Stationary Applications
IEEE	IEEE 802.11, Wireless LAN/WiFi
IEEE	IEEE 802.16, Broadband Wireless Access (Wi-Max / Wireless MAN)
IEEE	IEEE 802.1p and Q, Ethernet QoS and VLAN/STP
IEEE	IEEE 802.3, Ethernet
IEEE	IEEE Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of Ground Systems
IEEE	IEEE Guide for Safety in AC Substation Grounding
IEEE	IEEE Guide to Measurement of Impedance and Safety Characteristics of Large, Extended, or Interconnected Grounding Systems
IEEE	IEEE Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications
IEEE	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture

Agency / Author	Title
IEEE	IEEE Standard for Metal-Oxide Surge Arresters for AC Power Circuits (>1 kV)
IEEE	IEEE Standard for Qualifying Class 1E Electric Cables and Field Splices for Nuclear Power Generating Stations
IEEE	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
IEEE	IEEE Standard for Uncontrolled Traction Power Rectifiers for Substation Applications up to 1500 V DC Nominal Output
IEEE	National Electric Safety Code
IEEE	Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems
IEEE	Standard for Rail Transit Event Recorders
IEEE	Standard for Safety Levels with Respect to Human Exposure to Electromagnetic Fields, 0-3 kHz
IEEE / ANSI	Methods of Measurement of Radio Noise Emissions from Low Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
IEEE / ICEA	Power Cable Ampacities
IESNA	Approved Method for Measuring Lumen Maintenance of LED Light Sources
IESNA	Guideline for Security Lighting for People, Property, and Public Spaces
IESNA	Lighting for Parking Facilities
IESNA	Recommended Lighting for Walkways and Class 1 Bikeways
IESNA	Roadway Lighting
IESNA	Roadway Sign Lighting
IESNA	The Lighting Handbook
IETF	Internet Engineering Task Force Standards
ISO	Human Exposure to Mechanical Vibration and Shock
ISO	Identification cards - Integrated Circuit Cards
ISO	Intelligent Transportation Systems - Public transport requirements for the use of payment applications for fare media
ISO	ISO 17024: Conformity assessment - General requirements for bodies operating certification of persons
ISO	ISO 9001: Quality management systems
ISO	ISO 9533: Earth Moving Machinery, Machine Mounted Audible Travel Alarms and Forward Horns – Test Methods and Performance Criteria
ISO	Public Transport - Interoperable fare management system

<b>Agency / Author</b>	<b>Title</b>
ISO / IEC	Identification cards - Contactless integrated circuit cards - Proximity cards
ITE	Manual of Transportation Engineering Studies
ITE	Traffic Engineering Handbook
LPI	Standard of Practices
MCDOT	Guidelines for Temporary Traffic Control Plan Preparation
MCDOT	Road Code
MCDOT	Sign Shop Signing Standards and Procedures Manual
MCDOT	Streetlight Installation Guidelines
MCDOT	Streetlight Specifications
MCEER	Screening Guide for Rapid Assessment of Liquefaction Hazard to Highway Bridges
MD	Maryland High Voltage Line Act
MD	Maryland Vehicle Law
MD	Title 4, Subtitle 1, Sediment Control
MD	Title 4, Subtitle 2, Stormwater Management
MDE	Clarification on Grass Swale Design for State and Federal Project
MDE	Environmental Site Design Process and Computations
MDE	Environmental Site Design Redevelopment Examples
MDE	Facts about Maryland's Stormwater Program and Proprietary Practices
MDE	Maryland Standards and Specifications for Soil Erosion and Sediment Control
MDE	Maryland Stormwater Design Manual
MDE	Maryland Stormwater Management and Erosion and Sediment Control Guidelines for State & Federal Projects
MDE	Maryland's Waterway Construction Guidelines
MDE	Sediment and Stormwater Procedures Manual for State and Federal Projects
MDE	Stormwater Design Guidance - Addressing Quantity Control Requirements
MDE	Stormwater Design Guidance - Rainwater Harvesting
MDE	Stormwater Design Guidance - Submerged Gravel Wetlands
MDE	Stormwater Management Concept Design for State and Federal Projects
MDE	Stormwater Management Site Design and Innovative Technology
MDE	Surface Storage Volume Tables for Bioretention and Bioswales
MDSHA	Accessibility Policy & Guidelines for Pedestrian Facilities along State Highways

Agency / Author	Title
MDSHA	Accessible Pedestrian Signals - Design and Installation Guidelines
MDSHA	Alternate Merge Guidelines
MDSHA	Application & Design Guidelines for Shoulder Bypass Lanes
MDSHA	Bicycle Policy and Design Guidelines
MDSHA	Book of Standards - for Highway and Incidental Structures
MDSHA	Flagger Policy at Signalized Intersections
MDSHA	Functional Guidelines for Portable Changeable Message Signs
MDSHA	Guidance on Maintenance of Traffic Alternatives Analysis
MDSHA	Guidelines for Application of Rumble Strips and Rumble Stripes
MDSHA	Guidelines for Development Adjacent to State Highways
MDSHA	Guidelines for Late Lane Merge Concept
MDSHA	Guidelines for Traffic Barrier Placement and End Treatment Design
MDSHA	Guidelines for Using Edge Line Extensions & Yield Lines
MDSHA	High Visibility Apparel Policy
MDSHA	Highway Drainage Manual
MDSHA	Implementation Schedule
MDSHA	Landscape Design Guide
MDSHA	Lighting Guidelines and Traffic Control Devices Design Manual
MDSHA	Line Striping Material Selection Policy
MDSHA	List of Qualified Detectable Warning Surfaces
MDSHA	List of Qualified Loop Sealants
MDSHA	List of Qualified Permanent Pavement Markings
MDSHA	List of Qualified Removable Preformed Pavement Marking Material for Maintenance of Traffic
MDSHA	Lists of Qualified Producers and Products
MDSHA	Maryland Manual on Uniform Traffic Control Devices for Streets and Highways
MDSHA	Maryland State Police Criteria for Use in Work Zones and Interagency Agreement between SHA and Maryland State Police
MDSHA	MicroStation V8 CAD Standards Manual
MDSHA	Office of Material Technology Qualified Products List
MDSHA	Office of Traffic and Safety Lighting Guidelines

<b>Agency / Author</b>	<b>Title</b>
MDSHA	Office of Traffic and Safety Qualified Products List
MDSHA	Office of Traffic and Safety Shelf Specifications
MDSHA	Office of Traffic and Safety Traffic Control Device Application Guidelines
MDSHA	Pavement Design Guide
MDSHA	Policy for Determining Yellow Timing at Intersections
MDSHA	Processes and Guidelines for Work Zone Safety and Mobility
MDSHA	Qualified Products List
MDSHA	Roadway Delineation Policy
MDSHA	Roundabout Design Guidelines
MDSHA	SHA Policy for Determining Yellow Timing at Intersections
MDSHA	Sound Barrier Policy
MDSHA	Specifications for Consulting Engineer's Services, Volume II, Section VIII
MDSHA	Standard Alphabets for Highway Signs
MDSHA	Standard Highway Signs
MDSHA	Standard Office of Traffic and Safety Shelf Typical
MDSHA	Standard Sign Book
MDSHA	Standard Specifications for Construction and Materials
MDSHA	Standard Specifications for Subsurface Explorations
MDSHA	Stormwater Management Site Development Criteria
MDSHA	Street Name Sign Policy, Procedures and Guidelines
MDSHA	Structural Design Performance Specification
MDSHA	Structural Standards Manual Vol. 1 & 2
MDSHA	Supplemental Specifications and Provisions
MDSHA	Survey Field Procedures Manual
MDSHA	TC 3.10 Pavement Performance Specification
MDSHA	Technical Design Standards
MDSHA	TEDD Design Checklist
MDSHA	Temporary Traffic Barrier Policy
MDSHA	Traffic Control Devices Design Manual
MDSHA	Traffic Signal Design Guide



<b>Agency / Author</b>	<b>Title</b>
MDSHA	Traffic Signal Timing Guidelines and Training Manual
MDSHA	Transportation Management Plan Guidelines
MDSHA	Utility Policy Manual
MDSHA	Work Zone Lane Closure Analysis Guidelines
MDSHA	Work Zone on 65/60 MPH Roadways
MDSHA	Work Zone Safety and Mobility Policy
MDSHA	Work Zone Safety Tool Box
MEF	Metro Ethernet Forum Standards
MNCPPC	Department of Parks and Recreation Facilities Guidelines
M-NCPPC	Local Area Transportation Review and Transportation Policy Area Review Guidelines
Montgomery County	Design Standards
Montgomery County	Highway Noise Abatement Policy
Montgomery County	Montgomery County Building Code
Montgomery County	Montgomery County Fire Code
Montgomery County	Montgomery County Landscaping Manual
Montgomery County	Drainage Design Criteria
Montgomery County	Stormwater Management Facility Guidelines
Montgomery County	The Montgomery County Code
MOSH	Maryland Occupational Safety and Health
Motorola	Standards and Guidelines for Communication Sites
MTA	Facilities Inspection Manual
MTA	Fare Policy for the Purple Line Light Rail
MTA	Inspection of MTA Buildings
MTA	MTA Accident/Incident Investigation Guide

<b>Agency / Author</b>	<b>Title</b>
MTA	MTA Accident/Incident Investigation Handbook
MTA	Purple Line Safety and Security Management Plan
MTA	Safety Regulations
MTA	MTA Security Sensitive and Protected Information Policy
MTA	System Safety Program Plan
MTA	System Security and Emergency Preparedness Plan
NACE	Control of External Corrosion on Underground or Submerged Metallic Piping Systems
NACE	Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates
NACE	NACE No. 2/SSPC-SP 10, Joint Surface Preparation Standard: Near-White Metal Blast Cleaning
NACE	NACE No. 3/SSPC-SP 6, Joint Surface Preparation Standard: Commercial Blast Cleaning
NACE	Standard Recommended Practice High-Voltage Electrical Inspection of Pipeline Coatings
NACE	Standard Test Method Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metallic Piping Systems
NATCO	Urban Bikeway Design Guide
NCEER	Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils
NCHRP	Report 529 - Guideline and Recommended Standard for Geofam Applications in Highway Embankments
NCHRP	Report 597 - Development of a Recommended Practice for Use of Controlled Low-Strength Material in Highway Construction
NCHRP	Report 663 – Design of Roadside Barrier Systems Placed on MSE Retaining Walls
NCHRP	Report 663, Design of Roadside Barrier Systems Placed on MSE Retaining Walls
NCHRP	Web Document 65 (Project 24-11) - Geofam Applications in the Design and Construction of Highway Embankments
NECA	NECA 1, Good Workmanship
NECA	NECA 101, Installing Steel Conduits
NECA	NECA 111, Installing Nonmetallic Raceways
NECA	NECA 200, Temporary Electrical Power at Construction Sites
NECA	NECA 230, Installing Electrical Motors and Controllers

<b>Agency / Author</b>	<b>Title</b>
NECA	NECA 400, Installing Switchboards
NECA	NECA 406, Installing Panelboards
NECA	NECA 409, Installing Dry-Type Transformers
NECA	NECA 420, Standards for Fuse Applications
NECA	NECA 500, Installing Indoor Lighting
NECA	NECA 501, Installing Exterior Lighting
NECA	NECA 600 – Installing Medium Voltage CableNEMA ICS 18, Motor Control Centers
NECA	NECA 90, Commissioning Building Electrical Systems
NEMA	NEMA 250, Enclosures for Electrical Equipment (1000 Volts Maximum)
NEMA	NEMA LA 1, Surge Arresters
NEMA	NEMA SSL-3, High-Power White LED Binning for General Illumination
NETA	International Electrical Testing Association, Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems
NFPA	Electrical Safety in the Workplace
NFPA	Identification of the Fire Hazards of Materials for Emergency Response (Hazard Warning System – NFR Diamond)
NFPA	National Design Specification for Wood Construction
NFPA	National Electric Code
NFPA	National Fire Alarm and Signaling Code
NFPA	NFPA 1, Fire Code
NFPA	NFPA 10, Standard for Portable Fire Extinguishers
NFPA	NFPA 101: Life Safety Code
NFPA	NFPA 110, Standard for Emergency and Standby Power Systems
NFPA	NFPA 13, Standard For the Installation of Sprinkler Systems
NFPA	NFPA 130: Standard for Fixed Guideway Transit and Passenger Rail Systems
NFPA	NFPA 14, Standard for the Installation of Standpipe and Hose Systems
NFPA	NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection
NFPA	NFPA 2001, Standard on Clean Agent Fire Extinguishing Systems
NFPA	NFPA 24, Standard for the Installation of Private Fire Service Mains and Their Appurtenances
NFPA	NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems

Agency / Author	Title
NFPA	NFPA 251: Standard Methods of Test or Fire Resistance of Building Construction and Materials
NFPA	NFPA 262, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces
NFPA	NFPA 3, Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems
NFPA	NFPA 30, Flammable and Combustible Liquids Code
NFPA	NFPA 54, National Fuel Gas Code
NFPA	NFPA 568: Commercial Building Telecommunications Cabling Standard
NFPA	NFPA 70, National Electric Code
NFPA	NFPA 70B, Recommended Practice for Electrical Equipment Maintenance
NFPA	NFPA 70E, Standard for Electrical Safety in Work Place
NFPA	NFPA 72, National Fire Alarm and Signaling Code
NFPA	NFPA 750: Standard on Water Mist Fire Protection Systems
NFPA	NFPA 780: Standard for the Installation of Lightning Protection Systems
NFPA	NFPA 90A, Standard for the Installation of Air Conditioning and Ventilating Systems
NFPA	NFPA 91, Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Non-combustible Particulate Solids
NFPA	Standard for Emergency and Standby Power Systems
NFPA	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Non-combustible Particulate Solids
NFPA	Standard for Road Tunnels, Bridges, and Other Limited Access Highways
NFPA	Standard for Smoke and Heat Venting
NFPA	Standard for Smoke Control Systems
NFPA	Standard for Smoke Control Systems in Atria, Covered Mall and Large Areas
NFPA	Standard for the Installation of Air-Conditioning and Ventilating Systems
NFPA	Standard for the Installation of Lightning Protection Systems
NFPA	Standard for the Installation of Warm Air Heating and Ventilating Systems
NFPA	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces
NFPA	Standard Method of Test of Surface Burning Characteristics of Building Materials
NFPA	Standard on Stored Electrical Energy Emergency and Standby Power Systems

<b>Agency / Author</b>	<b>Title</b>
NFPA	Standard on Water Mist Fire Protection Systems
NFPA	Standard System for the Identification of the Hazards of Materials for Emergency Response
NIST	Guide to Industrial Control Systems Security
NOAA / NGS	User Guidelines for Single Base Real Time GNSS Positioning
NRCS	Pond Code MD-378
NTSB	Safety Recommendations
OAA	Department of Health and Human Services, Older Americans Act
PB	Monograph 25, An Innovated Method for Assessing Tunneling - Induced Risks to Adjacent Structures
PB	Monograph 7, Seismic Design of Tunnels - A Simple State-of-the-Art Design Approach
PCA	Portland Cement Association, Engineering Mass Concrete Structures
PCI	PCI Design Handbook: Precast and Prestressed Concrete
PDI	The Plumbing and Drainage Institute, PDI-G 101 Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance
PGDPW&T	Specifications and Standards for Roadways and Bridges
PHCC	Plumbing-Heating-Cooling Contractors Association , National Standard Plumbing Code
PL	Public Law 101-36, Final Rule of the Americans with Disabilities Act
Prince George's County	Prince George's County Landscaping Manual
Prince George's County	Stormwater Best Management Practices Inspection Manual
Prince George's County	Stormwater Management Design Manual
Prince George's County	County Codes
Prince George's County	Prince George's County Building Code
Prince George's County	Prince George's County Fire Code

Agency / Author	Title
Prince George's Soil Conservation District	Soil Erosion and Sediment Control - Pond Safety Reference Manual
PTI	Recommendations for Prestressed Soil and Rock Anchors
SAE	Alarm - Backup - Electric Laboratory Performance Testing
SAE	Clearance, Sidemarker, and Identification Lamps for Use on Motor Vehicles 2032 mm or More in Overall Width
SAE	Direction-of-Motion Stereotypes for Automotive Hand Controls
SAE	Driver Hand Control Reach
SAE	Driver Selected Seat Position for Class B Vehicles
SAE	J994, Alarm Backup Electrical Laboratory Performance Testing
SAE	L. E. D. Signal and Marking Lighting Devices
SAE	Location and Operation of Instruments and Controls in Motor Truck Cabs
SAE	On-Machine Alarm Test and Evaluation Procedure for Construction and General Purpose Industrial Machinery
SAE	Performance Requirements for Motor Vehicle Headlamps
SAE	Tail Lamps for Use of Vehicles 2032 mm or More in Overall Width
SAE	Test for Signal and Marking Devices Used on Vehicles 2032 mm or More in Overall Width
SAE	Truck Driver Stomach Position
SMACNA	HVAC Duct Construction Standards – Metal and Flexible
SMACNA	HVAC Systems Duct Design
SMACNA	Rectangular Industrial Duct Construction Standards
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association, Inc. , HVAC Air Duct Leakage Test Manual
SSPC	Commercial Blast Cleaning
SSPC	Near-White Blast Cleaning
TCRP	Report 100 – Transit Capacity and Quality of Service Manual
TCRP	Report 137 - Improving Pedestrian and Motorist Safety Along Light Rail Alignments
TCRP	Report 155 - Track Design Handbook for Light Rail Transit

<b>Agency / Author</b>	<b>Title</b>
TCRP	Report 17 - Integration of Light Rail Transit into City Streets
TCRP	Report 23 - Wheel/Rail Noise Control Manual
TCRP	Report 69 - Light Rail Service: Pedestrian and Vehicular Safety
TCRP	Report 71 - Track Related Research
TCRP	Research Results Digest 79, Design of Track Transitions
TCRP	Research Results Digest 82, Use of Guard/Guide/Restraining Rails
TIA	TSB-88: Wireless Communications Systems
TIA / EIA	TIA/EIA 568: Commercial Building Telecommunications Cabling Standard
TIA / EIA	TIA/EIA 603: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
TIA / EIA	TIA/EIA 607: Commercial Building Grounding and Bonding Requirements for Telecommunications
TIA/EIA	TIA/EIA 204: Minimum Standards for Land Mobile Communications FM or PM Receivers (25-866 MHz)
TIA/EIA	TIA/EIA 222: Structural Standards for Steel Antenna Towers and Antenna Supporting Structures
TRB	Highway Capacity Manual
TSA / FTA	Security and Emergency Management Action Items for Transit Agencies
TSWG	Bridge and Tunnel Report
U.S. Access Board / USDOT	Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines
U.S. Army Corps	Unified Facilities Criteria, Noise and Vibration Control
U.S. Army Corps of Engineers	Tunnels and Shafts in Rock
UL	Smoke Detectors for Fire Alarm Systems
UL	UL 1449 – UL Standard for Safety for Surge Protective Devices
UL	UL 1480 - Speakers for Fire Alarm, Emergency, and Commercial and Professional Use
UL	UL 1971 - Signaling Devices for the Hearing Impaired
UL	UL 2196 – Tests for Fire Resistive Cables
UL	UL 521 - Heat Detectors for Fire Protective Signaling Systems
UL	UL 555 - Standard for Fire Dampers
UL	UL 555S – Standard for Smoke Dampers

<b>Agency / Author</b>	<b>Title</b>
UL	UL 845 - Motor Control Centers
UL	UL 864 - Control Units and Accessories for Fire Alarm Systems
UL	Underwriters' Laboratory, Inc. standards
UMD Facilities Management	Design Criteria/Facilities Standards
US DOJ	ADA Standards for Accessible Design
US DOJ	Americans with Disability Act Accessibility Guidelines
USBM	Structure Reponse and Damage Produced by Ground Vibration from Surface Mine Blasting
USDOT	ADA Guidelines for Buildings and Facilities
USDOT	ADA Standards for Transportation Facilities
USDOT	Geotechnical Engineering Circular No. 4 – Ground Anchors and Anchored Systems
USDOT	Geotechnical Engineering Circular No. 5 - Evaluation of Soil and Rock Properties
USDOT	Urban Mass Transportation Administration, Subway Environmental Design Handbook Volume I. Principles and Applications. 2 <sup>nd</sup> Edition
USDOT / FHWA	Corrosion / Degradation of Soil Reinforcements for Mechanically Stabilized Earth Walls and Reinforced Soil Slopes
USDOT / FHWA	Lateral Support Systems and Underpinings, Volumes 1, 2, and 3
USDOT / FHWA	Nondiscrimination on the Basis of Disability in Programs and Activities Receiving or Benefitting from Federal Financial Assistance
USDOT / FHWA	Transportation Services for Individuals with Disabilities
USDOT/FHWA	Manual of Uniform Traffic Control Devices
USEPA	U.S. Environmental Protection Administration
USF&WS	U.S. Fish and Wildlife Service, Native Plants for Wildlife Habitat and Conservation Landscaping , Chesapeake Bay watershed
USGBC	Leadership in Energy and Environmental Design for New Construction
WMATA	Adjacent Construction Project Manual
WMATA	Directive and Standard Drawings
WMATA	Manual of Design Criteria for Maintaining and Continued Operation of Facilities and Systems
WMATA	Standard Technical Specifications
WMATA	Station Site and Access Planning Manual
WSSC	Plumbing and Fuel Gas Code (as adopted by the local jurisdictions)





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