

A

A, Amps	Ampere
AADT	Annual Average Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
AIC	Ampere Interrupting Capacity
ANSI	American National Standards Institute
AP	Advance Placement Distance
ASTM	American Society for Testing and Materials
AWG	American Wire Guage

B

B.O.C.	Back of Curb
BT	Buffer Terminals

C

CAD	Computer Aided Design, Computer Aided Drafting
CCTV	Closed-Circuit Television
CDOT	Colorado Department of Transportation
cf	Cubic Feet
CLR	Clear
CU	Copper
CVN	Charpy V-Notch

D

DALI	Digital Addressable Lighting Interface
Deg - °F, °C	Degrees (Thermal) - Degrees Fahrenheit, Degrees Celsius
DIA	Diameter
DMS	Dynamic Message Sign

E

e.g. =	Exempli Gratia (For Example)
E.O.P.	Outside Edge of Pavement

F

FHWA	Federal Highway Administration
ft	Feet
ft kip	Foot Kips
ft lb	Foot Pounds

G

GA	Gage or Gauge
Galv	Galvanized
GFCI	Ground Fault Circuit Interrupter
GFI	Ground Fault Interrupter
GND	Ground
GP	General Purpose Lane
GRC	Galvanized Rigid Conduit

H

HDPE	High Density Polyethylene
Hex Hd	Hexagonal Head
HOA	Hand-Off-Auto (Switch)
HS	High Strength
HSS	Hollow Structural/Steel Section
HVAC	Heating, Ventilation, and Air Conditioning
Hwy	Highway

I

ID	Inside Diameter
IES	Illuminating Engineering Society
in	Inches
in kips	Inch Kips
in lb	Inch Pounds
ISCA	Short-Circuit Current
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation Systems

K

kip	Thousand Pounds
ksi	Kips per Square Inch

L

lb	Pounds
lb ft	Pounds per Foot
LCC	Lighting Control Center
LED	Light Emitting Diode
LRFD	Load and Resistance Factor Design

General Notes

1. Words are preferred over abbreviations and ancronyms.
2. Use words in notes, except where space is limited on the plan sheet.
3. Do not use abbreviations or ancronyms where the meaning may be in doubt.
4. Abbreviations or ancronyms may be used in callouts, dimensions, and tables.
5. Abbreviations should be upper and lower case letters except where all upper case letters are required.
Hex Hd = Hexagonal Head
6. Acronyms shall be all upper case letters.
VMS = Variable Message Sign

Symbols

@	at
&	and
ϕ ∅	Diameter
°	Degrees
', "	Feet, Inches
#	Number
≈	Approximate

M

MAX	Maximum
MCB	Miniature Circuit Breaker
MHT	Method of Handling Traffic
MIN	Minimum
Misc	Miscellaneous
MPH	Miles per Hour
MPP	Meter Power Pedastal
MUTCD	Manual on Uniform Traffic Control Devices

N

NEC	National Electrical Code
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
No	Number
NPT	National Pipe Thread

O

OD	Outside Diameter
OSHA	Occupational Safety and Health Administration

P

PC	Point of Curvature
pcf	Pounds per Cubic Foot
PCPHPL	Passenger Cars Per Hour Per Lane
Ped	Pedestrian
Ph	Phase
POI	Point of Intersection
psf	Pounds per Square Foot
psi	Pounds per Square Inch
PT	Point of Tangent
PUC	Public Utilities Commission
PVC	Polyvinyl Chloride

R

R	Radius
Req'd	Required
RRFB	Rectangular Rapid Flashing Beacon
RSFS	Radar Speed Feedback Sign

S

SAE	Society of Automotive Engineers
SC	Spiral to Curve
SF	Safety Factor
SHT	Sheet
sq	Square
sq ft	Square Feet
ST	Spiral to Tangent
Std	Standard

T

TC	Tension Control (Bolts)
TCP	Traffic Control Plan
TEL	Toll Express Lane
Temp	Temporary
THWN	Thermoplastic High Water-Resistant Nylon Coated (Insulation designation for wire)
TM	Technical Memorandum
TMA	Truck-Mounted Attenuator
TYP	Typical

U

UL	UL Solutions formerly Underwriters Laboratories, a Nationally Recognized Testing Laboratory
UNO	Unless Noted Otherwise
UGR	Under Ground Rated
UV	Ultraviolet

V

V	Volts
VA	Volt-Ampere
VAC	Volts Alternating Current
VHB	Very High Bond
VMS	Variable Message Sign
VSL	Variable Speed Limit

W

W	Watt
WP	Work Point
WT	Weight

X

XHHW	Cross-Linked Polyethylene (XLPE), High Heat-Resistant, Water Resistant (Insulation designation for wire)
XS	Extra Strong (Pipe)