ABBREVIATION	WORDS
A	
A	Amp
AASHTO	American Association of State Highway and Transportation Officials
AC	Alternating Current
ACP	Asphalt Concrete Pavement
ADOT	Arizona Department of Transportation
Al	Aluminum
Amp	Amperes
ANSI	American National Standard Institute
ASTM	American Society for Testing and Materials
Appl	Application
Approx	Approximately
ASSY	Assembly
AWG	American Wire Gauge
AWS	American Welding Society
B	
BC	Bolt Circle
C	
Cap	Capital
CB	Circuit Breaker
CCW	Counterclockwise
CSA	Canadian Standard Association
Co	Company
Conc	Concrete
Cu	Copper
CW	Clockwise
D	
DC	Direct Current
Deg	Degree
Department	Arizona Department of Transportation
DET	Detector
Dia	Diameter
Dwg	Drawing
E	
e.g.	For Example
EQ	Equal
EUSERC	Equipment Utility Service Requirements Committee
F	
FHCS	Flat Head Cap Screw
FHWA	Federal Highway Administration
ft	Feet
G	
Ga	Gauge
Galv	Galvanized
Gnd	Ground
H	
HD	Heavy Duty
HDPE	High-Density Polyethylene
HID	High Intensity Discharge
HPS	High Pressure Sodium
Hr	Hour
HS	High Strength
Hz	Hertz

ABBREVIATION	WORDS
I	
IDA	International Dark-Sky Association
ID	Inside Diameter
IES or IESNA	Illuminating Engineering Society
IMSA	International Municipal Signal Association
In	Inch
ITE	Institute of Transportation Engineers
Itm	Item
K	
Kcmil	Thousand Circular Mil
KSI	Kilopounds Per Square Inch
L	
Lb or Lbs	Pound(s)
LD	Light Duty
LED	Light Emitting Diode
LT	Light
M	
M	Metered
MA	Mast Arm
Mach	Machine
Max	Maximum
Min	Minimum
MOV	Metal Oxide Varistor
MPD	Multimodal Planning Division
Mtg	Mounting
MUTCD	Manual on Uniform Traffic Control Devices
N	
NC	National Coarse
N/C	Normally Closed
NCHRP	National Cooperative Highway Research Program
NEC	National Electric Code
NEMA	National Electric Manufactures Association
NEUT	Neutral
No.	Number
N/O	Normally Closed
Nom	Nominal
nsec	Nanosecond
O	
O.C.	On Center
OD	Outside Diameter
P	
PCC	Polymer Concrete Composolite
PCCP	Portland Cement Concrete Pavement
PE	Polyethylene
PED	Pedestrian
PH	Phase
PRCP	Portland Reinforced Concrete Pavement
psi	Pounds Per Square Inch
PVC	Polyvinyl Chloride
Q	
Qty	Quantity
Quad	Quadrapole

ABBREVIATION	WORDS
R	
R	Radius
Reqd	Required
ROR	Run off the Road Crash
RTV	Room Temperature Vulcanizing
S	
SCH	Schedule
SCTE	Society of Cable Telecommunications Engineers
Sec	Second
s.f.	Square Feet
SG	Solid Ground
SN	Solid Neutral
Std	Standard
SQ	Square
T	
TFFN	Thermoplastic Flexible Fixture Wire Nylon Jacketed
Thk	Thick
THW	Thermoplastic Heat and Water Resistant Insulated Wire
THWN	Thermoplastic Heat and Water-Resistant Nylon Coated
(Typ)	Typical
U	
UL	United Laboratories
UNC	Uniform National Coarse Threads
UPM	Unique Paving Materials, Corp. or Equal Patch Material
UPS	Uninterruptible Power Supply
UV	Ultraviolet
V	
V	Volt
VA	Volt Ampere
VAC	Volts Alternating Current
Var	Varies
VTCSH	Vehicle Traffic Control Signal Heads
Vrms	Root Mean Square Voltage
W	
W	Watt
WWF	Welded Wire Fabric
X	
XHHW or XHHW-2	Cross-Linked High Heat Water Resistant Insulated Wire

SYMBOL	WORDS
℄	Centerline
#	Gauge Number (Wire or Conductor)
Ø	Phase

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TRAFFIC SIGNALS AND LIGHTING
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STANDARD ABBREVIATIONS

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