

## ABBREVIATIONS

FY 2020-21 STANDARD PLANS

Abbreviation	Meaning
<b>A</b>	
AASHTO	American Association Of State Highway And Transportation Officials
AC	Alternating Current
Accel.	Acceleration
ACI	American Concrete Institute
ADA	Americans With Disabilities Act
ADT	Average Daily Traffic
AFAD	Automated Flagger Assistance Device
AISC	American Institute Of Steel Construction
AISI	American Iron and Steel Institute
Alt.	Alternate
Alum.	Aluminum
ANSI	American National Standards Institute
AOS	Apparent Opening Size
APL	Approved Products List
App.	Approach
Approx.	Approximate
ARTBA	American Road & Transportation Builders Association
Asph.	Asphalt
Assem.	Assembly
ASTM	American Society For Testing And Materials
ATPB	Asphalt Treated Permeable Base
Auxil.	Auxiliary
AWG	American Wire Gauge
AWS	American Welding Society
<b>B</b>	
Bot.	Bottom
Brkwy.	Breakaway
b/w	Between
<b>C</b>	
CC, C to C	Center to Center
C & G	Curb And Gutter
C.C.	Crash Cushion
CCTV	Closed-Circuit Television
CFR	Code of Federal Regulations
CFRP	Carbon Fiber Reinforced Polymer
cfs, CFS	Cubic Feet Per Second
CIP, C.I.P. or C-I-P	Cast In Place
CJP	Complete Joint Penetration
Ckt.	Circuit
☉	Center Line
Cl.	Clearance
CMP	Corrugated Metal Pipe
Con.	Connection
Conc.	Concrete
Const.	Construct or Construction
Cont.	Continuation or Continuous
Corr.	Corrugated
Cov.	Cover

Abbreviation	Meaning
<b>C</b>	
CP	Concrete Pipe
CSIP	Cost Savings Initiative Proposal
CSL	Cross-hole Sonic Logging
CTPB	Cement Treated Permeable Base
Ctr., Ctrs.	Center
Cu. Ft.	Cubic Feet
Cu. Yd., CY,	Cubic Yard
<b>D</b>	
D	Depth, Distance or Diameter
Dia. or Ø	Diameter
Dbl.	Double
Decel.	Deceleration
Deg.	Degree
Dim.	Dimension
Dist.	Distance
DMM	Domestic Mail Manual
DPI	Ditch Point Intersection
Dt	Ditch
DTOE	District Traffic Operations Engineer
<b>E</b>	
e	Superelevation Rate
E.P. or EOP	Edge Of Pavement
EA or Ea.	Each
EIA	Electronic Industries Alliance
El. or Elev.	Elevation
Embed.	Embedment
EPDM	Ethylene Propylene Diene Monomer
Eq.	Equation or Equal
Equip.	Equipment
etc.	Et Cetera (And So Forth)
ETP	Electronic Tough Pitch
Ex.	Example
Exist.	Existing
Exp.	Expansion
Ext.	Extension
<b>F</b>	
FAC	Florida Administrative Code
FC	Friction Course
Fdn.	Foundation
F.L. or $\overline{f}$	Flow Line
Fl.	Florida
FDEP	Florida Department Of Environmental Protection
FDOT	Florida Department Of Transportation
FHWA	Federal Highway Administration
FIB	Florida-I Beam
F.S.	Florida Statutes
FS	Far Side
Ft.	Foot or Feet
FTP	Florida Traffic Plans

Abbreviation	Meaning
<b>G</b>	
G	Shear Modulus
g	Gram
Ga.	Gauge or Gage
Galv.	Galvanized
GFI	Ground Fault Interrupter
GFRP	Glass Fiber Reinforced Polymer
Grd.	Ground
<b>H</b>	
Hd.	Head
H.S., HS	High Strength
HDPE	High Density Polyethylene
Horiz.	Horizontal
HP	Horsepower or H-Pile
HSHV	High Strength Horizontal Vertical
<b>I</b>	
ID, I.D.	Inside Diameter or Identification
in.	Inch(es)
Inc.	Incorporated
Int.	Interior
Inv.	Invert
ITS	Intelligent Transportation Systems
<b>J</b>	
JCT	Junction
Jt.	Joint
<b>K</b>	
k	kip
kip	1000 Pounds
ksi	Kips Per Square Inch
kVA	Kilovolt Ampere
<b>L</b>	
L	Length
LA	Limited Access
lb or lbs.	Pound(s)
lb/sy	Pounds Per Square Yard
lbf	Pound force
LBR	Lime rock Bearing Ratio
LF	Linear Foot (Feet)
Lgth.	Length
Long.	Longitudinally or Longitudinal
LRFD	Load Resistance Factor Design
LRS	Low-Relaxation Strand
LS	Lump Sum
LSD	Lump Sum per Day
Lt.	Left

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<b>M</b>		<b>P</b>		<b>S</b>	
m	Meter	P.E. or PE	Professional Engineer	St. or ST.	Street
m <sup>2</sup>	Meter Square	Pen.	Penetration	Sta.	Station
Mach.	Machine	PPB	Pier Protection Barrier	Std.	Standard
MAS	Motorist Awareness System	PPP	Polypropylene pipe	Stg.	Strong
MASH	Manual for Assessing Safety Hardware (AASHTO)	Prest.	Prestressed	Stl.	Steel
Max.	Maximum	PRS	Portable Regulatory Sign	SW	Skewed Angle
MES	Mitered End Section	psf	Pounds Per Square Foot	Swk.	Sidewalk
M.H.	Manhole or Mounting Height	PSI or psi	Pounds Per Square Inch	SYM	Symmetrical
MHW	Mean High Water	PT	Point of Tangency or Pressure Treated	<b>T</b>	
Mid.	Middle	PTFE	Polytetrafluoroethylene	T or t	Thickness, Tangent Distance or Time
Mil or Mils	One-Thousandth Of An Inch	PVC	Polyvinyl Chloride	Tan	Tangent
Min.	Minimum or Minute	<b>Q</b>		T&G	Tongue and Groove
Misc.	Miscellaneous	Q	Flow Volume	TCP	Traffic Control Plan(s)
MLW	Mean Low Water	Qty.	Quantity	TCZ	Traffic Control Zone
mm	Millimeter	<b>R</b>		Temp.	Temperature or Temporary
Mod.	Modification	R or Rad.	Radius	Theo.	Theoretical
MOT	Maintenance Of Traffic	Rt.	Right	THW or THWN	Insulation (Flame Retardant, Moisture And Heat Resistant Thermoplastic)
MPH or mph	Miles Per Hour	R/W	Right Of Way	TMA	Truck/Trailer Mounted Attenuator
MUTCD	Manual On Uniform Traffic Control Devices	RC	Reverse Crown	TN	Ton
<b>N</b>		RCP	Reinforced Concrete Pipe	Trans.	Transition or Transverse
N	Standard Penetration Number	Rd.	Road or Round	TTC	Temporary Traffic Control
NA or N/A	Not Available or Not Applicable	Rdwy.	Roadway	TVSS	Transient Voltage Surge Suppression
NC	Normal Crown	Rect.	Reticuline or Rectangular	TX	Transmit
NCHRP	National Cooperative Highway Research Program	Ref.	Reference	Typ.	Typical
NDCBU	Neighborhood Delivery And Collection Box Unit	Reinf.	Reinforced or Reinforcement	<b>U</b>	
NEMA	National Electrical Manufacturers Association	Req. or Reqd.	Required	UL	Underwriters Laboratories
NHW	Normal High Water	RGS	Rigid Galvanized Steel	UPS	Uninterruptible Power Supply
No.	Number	RPM	Raised Pavement Markers	USPS	United States Postal Service
Nom.	Nominal	R/R or RR	Railroad	Util.	Utilities
NPS	Nominal Pipe Size	RSDU	Radar Speed Display Unit	UV	Ultraviolet
NPT	National Pipe Thread	RU	Rack Unit	<b>V</b>	
NS or N.S.	Near Side	RX	Receive	Veh.	Vehicle
NS	Non-Structural	<b>S</b>		Vert.	Vertical
NTS	Not To Scale	S or s	Speed, Spacing or Second	VPD or Vpd.	Vehicles Per Day
<b>O</b>		Sch.	Schedule	<b>W</b>	
O.C.	On Center	SHBR	Special Height Bicycle Railing	W	Width or Wide
O to O or O.O.	Out to Out	Shldr.	Shoulder	WT	Weight
O.B.G.	Optional Base Group	SHW	Seasonal High Water	WWM	Welded Wire Mesh
OD or O.D.	Outside Diameter	SIP	Stay In Place	WWR	Welded Wire Reinforcing
Oz.	Ounce	SP	Superpave	<b>Y</b>	
<b>P</b>		Spa., Spcg. or Sp.	Space(ing)(s)	Yd.	Yard
Pavt.	Pavement	Spec.	Specification	Yr.	Year
PBR	Pedestrian/Bicycle Railing	sq	Square		
PC	Point Of Curvature	Sq. Ft., SF, sf or S.F.	Square Foot		
PCC	Plain Cement Concrete	sq. in.	Square Inch		
pcf	Pounds per Cubic Foot	Sq. Yd., SY or S.Y.	Square Yard		
PCMS	Portable Changeable Message Sign	SR	State Road		
		SS	Stainless Steel		