

# ABBREVIATIONS

FY 2018-2019 - FDOT 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                               |

# ABBREVIATIONS

FY 2018-2019 - FDOT STANDARD PLANS

| Abbreviation          | Meaning                                       |
|-----------------------|---|
| <b>M</b>              |   |
| <i>m</i>              | Meter   |
| <i>m<sup>2</sup></i>  | Meter Square                                  |
| <i>Mach.</i>          | Machine                                       |
| <i>MAS</i>            | Motorist Awareness System                     |
| <i>MASH</i>           | Manual for Assessing Safety Hardware (AASHTO) |
| <i>Max.</i>           | Maximum                                       |
| <i>MES</i>            | Mitered End Section                           |
| <i>M.H.</i>           | Manhole or Mounting Height                    |
| <i>MHW</i>            | Mean High Water                               |
| <i>Mid.</i>           | Middle  |
| <i>Mil or Mils</i>    | One-Thousandth Of An Inch                     |
| <i>Min.</i>           | Minimum or Minute                             |
| <i>Misc.</i>          | Miscellaneous                                 |
| <i>MLW</i>            | Mean Low Water                                |
| <i>mm</i>             | Millimeter                                    |
| <i>Mod.</i>           | Modification                                  |
| <i>MOT</i>            | Maintenance Of Traffic                        |
| <i>MPH or mph</i>     | Miles Per Hour                                |
| <i>MUTCD</i>          | Manual On Uniform Traffic Control Devices     |
| <b>N</b>              |   |
| <i>N</i>              | Standard Penetration Number                   |
| <i>NA or N/A</i>      | Not Available or Not Applicable               |
| <i>NC</i>             | Normal Crown                                  |
| <i>NCHRP</i>          | National Cooperative Highway Research Program |
| <i>NDCBU</i>          | Neighborhood Delivery And Collection Box Unit |
| <i>NEMA</i>           | National Electrical Manufacturers Association |
| <i>NHW</i>            | Normal High Water                             |
| <i>No.</i>            | Number  |
| <i>Nom.</i>           | Nominal                                       |
| <i>NPS</i>            | Nominal Pipe Size                             |
| <i>NPT</i>            | National Pipe Thread                          |
| <i>NS or N.S.</i>     | Near Side                                     |
| <i>NS</i>             | Non-Structural                                |
| <i>NTS</i>            | Not To Scale                                  |
| <b>O</b>              |   |
| <i>O.C.</i>           | On Center                                     |
| <i>O to O or O.O.</i> | Out to Out                                    |
| <i>O.B.G.</i>         | Optional Base Group                           |
| <i>OD or O.D.</i>     | Outside Diameter                              |
| <i>Oz.</i>            | Ounce   |
| <b>P</b>              |   |
| <i>Pavt.</i>          | Pavement                                      |
| <i>PBR</i>            | Pedestrian/Bicycle Railing                    |
| <i>PC</i>             | Point Of Curvature                            |
| <i>PCC</i>            | Plain Cement Concrete                         |
| <i>pcf</i>            | Pounds per Cubic Foot                         |
| <i>PCMS</i>           | Portable Changeable Message Sign              |

| Abbreviation                   | Meaning                               |
|--------------------------------|---------------------------------------|
| <b>P</b>                       |                                       |
| <i>P.E. or PE</i>              | Professional Engineer                 |
| <i>Pen.</i>                    | Penetration                           |
| <i>PPB</i>                     | Pier Protection Barrier               |
| <i>PPP</i>                     | Polypropylene pipe                    |
| <i>Prest.</i>                  | Prestressed                           |
| <i>PRS</i>                     | Portable Regulatory Sign              |
| <i>psf</i>                     | Pounds Per Square Foot                |
| <i>PSI or psi</i>              | Pounds Per Square Inch                |
| <i>PT</i>                      | Point of Tangency or Pressure Treated |
| <i>PTFE</i>                    | Polytetrafluoroethylene               |
| <i>PVC</i>                     | Polyvinyl Chloride                    |
| <b>Q</b>                       |                                       |
| <i>Q</i>                       | Flow Volume                           |
| <i>Qty.</i>                    | Quantity                              |
| <b>R</b>                       |                                       |
| <i>R or Rad.</i>               | Radius                                |
| <i>Rt.</i>                     | Right                                 |
| <i>R/W</i>                     | Right Of Way                          |
| <i>RC</i>                      | Reverse Crown                         |
| <i>RCP</i>                     | Reinforced Concrete Pipe              |
| <i>Rd.</i>                     | Road or Round                         |
| <i>Rdwy.</i>                   | Roadway                               |
| <i>Rect.</i>                   | Reticuline or Rectangular             |
| <i>Ref.</i>                    | Reference                             |
| <i>Reinf.</i>                  | Reinforced or Reinforcement           |
| <i>Req. or Reqd.</i>           | Required                              |
| <i>RGS</i>                     | Rigid Galvanized Steel                |
| <i>RPM</i>                     | Raised Pavement Markers               |
| <i>R/R or RR</i>               | Railroad                              |
| <i>RSDU</i>                    | Radar Speed Display Unit              |
| <i>RU</i>                      | Rack Unit                             |
| <i>RX</i>                      | Receive                               |
| <b>S</b>                       |                                       |
| <i>S or s</i>                  | Speed, Spacing or Second              |
| <i>Sch.</i>                    | Schedule                              |
| <i>SHBR</i>                    | Special Height Bicycle Railing        |
| <i>Shldr.</i>                  | Shoulder                              |
| <i>SHW</i>                     | Seasonal High Water                   |
| <i>SIP</i>                     | Stay In Place                         |
| <i>SP</i>                      | Superpave                             |
| <i>Spa., Spcg. or Sp.</i>      | Space(ing)(s)                         |
| <i>Spec.</i>                   | Specification                         |
| <i>sq</i>                      | Square                                |
| <i>Sq. Ft., SF, sf or S.F.</i> | Square Foot                           |
| <i>sq. in.</i>                 | Square Inch                           |
| <i>Sq. Yd., SY or S.Y.</i>     | Square Yard                           |
| <i>SR</i>                      | State Road                            |
| <i>SS</i>                      | Stainless Steel                       |

| Abbreviation       | Meaning   |
|--------------------|---|
| <b>S</b>           |   |
| <i>St. or ST.</i>  | Street  |
| <i>Sta.</i>        | Station   |
| <i>Std.</i>        | Standard  |
| <i>Stg.</i>        | Strong  |
| <i>Stl.</i>        | Steel   |
| <i>SW</i>          | Skewed Angle  |
| <i>Swk.</i>        | Sidewalk  |
| <i>SYM</i>         | Symmetrical   |
| <b>T</b>           |   |
| <i>T or t</i>      | Thickness, Tangent Distance or Time                                     |
| <i>Tan</i>         | Tangent   |
| <i>T&amp;G</i>     | Tongue and Groove   |
| <i>TCP</i>         | Traffic Control Plan(s)   |
| <i>TCZ</i>         | Traffic Control Zone  |
| <i>Temp.</i>       | Temperature or Temporary  |
| <i>Theo.</i>       | Theoretical   |
| <i>THW or THWN</i> | Insulation (Flame Retardant, Moisture And Heat Resistant Thermoplastic) |
| <i>TMA</i>         | Truck/Trailer Mounted Attenuator  |
| <i>TN</i>          | Ton   |
| <i>Trans.</i>      | Transition or Transverse  |
| <i>TTC</i>         | Temporary Traffic Control   |
| <i>TVSS</i>        | Transient Voltage Surge Suppression                                     |
| <i>TX</i>          | Transmit  |
| <i>Typ.</i>        | Typical   |
| <b>U</b>           |   |
| <i>UL</i>          | Underwriters Laboratories   |
| <i>UPS</i>         | Uninterruptible Power Supply  |
| <i>USPS</i>        | United States Postal Service  |
| <i>Util.</i>       | Utilities   |
| <i>UV</i>          | Ultraviolet   |
| <b>V</b>           |   |
| <i>Veh.</i>        | Vehicle   |
| <i>Vert.</i>       | Vertical  |
| <i>VPD or Vpd.</i> | Vehicles Per Day  |
| <b>W</b>           |   |
| <i>W</i>           | Width or Wide   |
| <i>WT</i>          | Weight  |
| <i>WWF</i>         | Welded Wire Fabric  |
| <i>WWM</i>         | Welded Wire Mesh  |
| <i>WWR</i>         | Welded Wire Reinforcing   |
| <b>Y</b>           |   |
| <i>Yd.</i>         | Yard  |
| <i>Yr.</i>         | Year  |