



APPENDIX A: STANDARD ABBREVIATIONS



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AASHTO	-	American Association of State Highway & Officials
ADF	-	Average daily flow
ACI	-	American Concrete Institute
ANSI	-	American National Standards Institute
APA	-	American Plywood Association
API	-	American Petroleum Institute
AREMA	-	American Railway Engineering & Maintenance of Way Association
ARV	-	Air Release Valve
ASCE	-	American Society of Civil Engineers
ASME	-	American Society of Mechanical Engineers
ASSE	-	American Society of Sanitary Engineering
ASTM	-	American Society for Testing and Materials
AWPA	-	American Wood Preservers Association
AWS	-	American Welding Society
AWWA	-	American Water Works Association
CPU	-	Central processing unit
CRSI	-	Concrete Reinforcing Steel Institute
DI	-	Ductile Iron
DR	-	Dimension Ratio
E/A	-	Engineer and/or Architect
Edu's	-	Equivalent dwelling units
EIA	-	Electronic Industries Association
EOR	-	Engineer of Record
FAC	-	Florida Administrative Code
FDEP	-	Florida Department of Environmental Protection
FIP	-	Female Iron Pipe
FM	-	Factory Mutual
FS	-	Federal Standards
FDOT	-	Florida Department of Transportation
GPM	-	Gallons per Minute
HC	-	Hillsborough County
HDD	-	Horizontal Directional Drill
HDPE	-	High Density Polyethylene (sometimes referred to as PE)
HP	-	Horsepower
ICEA	-	Insulated Cable Engineers Association
ID	-	Inside Diameter
IEC	-	International Electrotechnical Commission
IEEE	-	Institute of Electrical and Electronic Engineers
IPS	-	Iron Pipe Size
ISA	-	International Society for Automation
MIP	-	Male Iron Pipe
MSS	-	Manufacturers Standardization Society
NACE	-	National Association of Corrosion Engineers
NAPF	-	National Association of Pipe Fabricators
NASTT	-	North American Society for Trenchless Technology



NEC	-	National Electrical Code
NECA	-	National Electrical Contractors' Association
NELAP	-	National Environmental Laboratory Accreditation Program
NEMA	-	National Electrical Manufacturers' Association
NESC	-	National Electric Safety Code
NFPA	-	National Fire Protection Association
NIST	-	National Institute of Standards and Technology
NPCA	-	National Precast Concrete Association
NPT	-	National Pipe Threads Tapered
NSF	-	NSF International
NUCA	-	National Utility Contractors Association
OD	-	Outside Diameter
OLW	-	Outside Lever Weight
OSHA	-	Occupational Safety and Health Administration
OS&Y	-	Outside Screw and Yoke
PCA	-	Portland Cement Association
PCSA	-	Precast Concrete Structures Association of Florida
PCI	-	Precast/Prestressed Concrete Institute
P/L	-	Property Line
PLC	-	Programmable Logic Controller
PSIG	-	Pounds per Square Inch Gauge
PVC	-	Polyvinyl Chloride
RPM	-	Revolutions per Minute
RTU	-	Remote telemetry unit
RVSS	-	Reduced Voltage Soft Starts
R/W	-	Right of Way
SAE	-	Society of Automotive Engineers
SCADA	-	Supervisory Control and Data Acquisition
SHW	-	Seasonal High Water
SDR	-	Standard Dimension Ratio
SSPC	-	Structural Steel Painting Council
STA	-	Station (100 feet)
TDH	-	Total Dynamic Head
TOP	-	Top of Pipe
UAG	-	Utility Accommodation Guide
UL	-	Underwriter's Laboratories, Inc.
VFD	-	Variable Frequency Drive
WOG	-	Water, oil, gas (ambient temperature limit)
WPCF	-	Water Pollution Control Federation
WRD	-	Water Resources Department
WSL	-	Water Surface Level
WWF	-	Welded Wire Fabric