

Acronyms and Abbreviations

Term	Description
AADT	annual average daily traffic
AASHTO	American Association of State Highway and Transportation Officials
ABC	aggregate base course
ADA	Americans with Disabilities Act
ADT	average daily traffic
ADTT	average daily truck traffic
ANSI	American National Standards Institute
ATLAS	Advancing Transportation Through Linkages, Automation, and Screening
AUE	aerial utility easements
BOS	bus on shoulder
CA	control of access
CADD	computer-aided design and drafting
CAMA	Coastal Area Management Act
CDR	collector distributor
CONST	construction
CR	curb cuts and ramp
CS	curve to spiral
CSX	CSX transportation supplier
D	peak hour directional split
DDHV	directional design hour volume
DDI	diverging diamond interchanges
DHV	design hourly volume
DMS	dynamic message sign
DOT	Department of Transportation
DRPS	design recommendation plan set
DUAL	trucks with at least one dual tired axle
DUE	drainage/utility easement
EAU	environmental analysis unit
EN	entrance
EX	exit
FA	Federal Highway Administration Project Number
FAA	Federal Aviation Authority
FAHP	Federal-Aid Highway Program
FAST	freeway and street-based transit
FB	frontage boundary line
FDOT	Florida Department of Transportation
FDR	freeway distributor
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FRE	free range eagle interchange

Term	Description
FT	feet
FWY	freeway
GB	AASHTO Green Book (<i>A Policy on Geometric Design of Highways and Streets</i> (2018), 7th Edition)
GDOT	Georgia Department of Transportation
GIS	geographic information system
GREU	guardrail end unit
GSRS	grade severity rating system
H:V	Horizontal to vertical
HCM	Highway Capacity Manual (Transportation Research Board)
HP	h-piles
HTCG	high tension cable guiderail
ICD	inscribe circle diameter
IEEE	Institute of Electrical and Electronics Engineers
IES	Illuminating Engineering Society
IN	inches
IPD	Integrated Project Delivery
ITS	Intelligent Transportation Systems
K	rate of vertical curvature
KW	kilowatt
L	rate of vertical curvature
L _A	lateral extent of the area of concern
LADA	location and design approval
L _C	clear zone
LED	light-emitting diode
LET	Advertising projects to be bid on by qualified contractors to construct the project
LF	linear foot
LiDAR	light detection and ranging or laser imaging, detection, and ranging
LON	length of need
L _R	runout length
L _S	location and design approval
LS	total length of spiral
LT	long tangent
LT _{CG}	low tension cable guiderail
MASH	manual for assessing safety hardware
MPH	miles per hour
MSE	mechanically stabilized earth
MUT	median U-turn
MUTCD	FHWA Manual on Uniform Traffic Control Devices
NACTO	National Association of City Transportation Officials
NC	North Carolina

Term	Description
NCAC	North Carolina Administrative Code
NCDOT	North Carolina Department of Transportation
NCFMP	North Carolina Floodplain Mapping Program
NCHRP	National Cooperative Highway Research Program
NCID	North Carolina ID (ncid.NC.Gov)
NCRR	North Carolina Railroad
NEC	National Electrical Code
NEPA	National Environmental Policy Act
NESC	National Electrical Safety Code
NFPA	National Fire Protection Association
NHS	National Highway System
NRTR	Natural Resource Technical Report
OGAFC	open graded asphalt friction course
PC	point of curvature
PCC	point of compound curve
PDE	permanent drainage easement
PDF	adobe format
PDN	project delivery network
PE	preliminary engineering
PHV	peak hour volume
PI	priority index
PIQ	pay item quantities
PM	pendant mount
PROWAG	(Proposed) Public Right of Way Accessibility Guidelines
PS&E	plans, specifications, and estimates
PSP	project special provisions
PT	point of tangency
PUE	permanent utility easement
PVI	point of vertical intersection
QA	quality assurance
QC	quality control
QMS	quality management system
R	radius
RDG	AASHTO Roadside Design Guide
RDM	Roadway Design Manual
RDY	roadway design
RF	reforestation plans
RFP	request for proposals
RO	runoff
ROW	right of way
RP	recommended practice
RSAP	Roadside Safety Assistance Program

Term	Description
RT	right
RW	right of way
SAPW	stand-alone project worksheet
SBW	sound barrier wall
SC	spiral to curve
SCB	soil cement base
SE	superelevation
SEPA	State Environmental Policy Act
SOIIA	Selecting Optimum Intersection or Interchange Alternatives
SP	special provision
SPDI	single point diamond interchange
SPOT	Strategic Prioritization Office
SPUI	single point urban interchange
SR	secondary roads
SRTG	Sub Regional Tier Guidelines
SSD	stopping sight distance
ST	spiral to tangent
STC	strategic transportation corridors
STIP	State Transportation Improvement Program
SU	Single unit truck
SY	square yard
T	tangent distance
TDE	temporary drainage easement
TDP	total design process
TEPPL	traffic engineering policies, practices and legal authority
TER	truck escape ramp
TIP	transportation improvement program
TL	test level
TMP	transportation management plan
TRB	transportation research board
TS	tangent to spiral
TTST	truck, tractor and semi-trailer
TUE	temporary utility easement
US	United States
UTIL	utility
VC	vertical curve (length)
VMO	value management office
WBS	work breakdown structure
WM	wall mount
WZTC	work zone traffic control