Appendix A
Abbreviations

—A—

Above ground	AG
Ahead stationing	AH
Angular coordinate	θ
Antenna reference point	ARP
Anti-spoofing	AS
Area	A

—B—

Backsight	BS
Back stationing	BK
Bench mark	BM
Begin Vertical Curve	BVC
Bureau of Land Management	BLM

—C—

Celsius	C
Centerline	CL
Centimeter	cm
Compact disc	CD
Continental United States	CONUS
Continuously Operating Reference System	CORS
Cosine	cos
Course Acquisition	C/A
Crown runoff	C
Cubic foot	ft^3
Cubic inch	in^3
Cubic yard	yd^3
Curve to spiral point	CS

—D—

Datum adjustment factor	DAF
Degree	deg or º
Degree, minutes, and seconds	DMS

Delta or central angle	Δ
Department of Defense	DoD
Differential Global Positioning System	DGPS
Digital terrain model	DTM
Dilution of precision	DOP

—E—

East or Easting	E
East-west axis	X
East-west coordinate	x
Elevation	el or elev
Elevation axis	Z
Elevation coordinate	z
End Vertical Curve	EVC
Engineering Marker	EMKR
Equation	EQ
External distance	E

—F—

Fahrenheit	F
Federal Communications Commission	FCC
Flight line target	flt
Foot or feet	ft
Foresight	FS

—G—

Geodetic Reference System	GRS
Geometric dilution of precision	GDOP
Gigabyte	GB
Global Navigation Satellite System (Russian)	GLONASS
Global Navigation Satellite System (United States)	GNSS
Global positioning system	GPS
Greenwich Mean Time	GMT

—H—

Height of Instrument	HI
High accuracy reference network	HARN
Horizontal dilution of precision	HDOP

—I—

Inch	in
Inches of mercury	inHg

—K—

Kilobyte	KB
Kilometer	km

—L—

Land Ownership and Control	LOCO
Land Surveyor	LS
Length of circular curve	L
Length of Spiral	Ls
Long Chord	LC

—M—

Mean Sea Level	msl
Megabyte	MB
Megahertz	MHz
Meter	m
MicroStation design file	dgn
Middle ordinate	M
Mile	mi
Millibar	mbar
Millimeter	mm
Minute	min or ′

—N—

National Geodetic Reference System	NG
National Geodetic Survey	NGS
National Geodetic Vertical Datum of 1929	NGVD 29
National Geospatial-Intelligence Agency	NGA
National Oceanic and Atmospheric Administration	NOAA
National Spatial Reference System	NSRS
Navigation Satellite Timing and Ranging	NAVSTAR
Normal Crown	NC

North or Northing	N
North American Datum	NAD
North American Datum of 1927	NAD 27
North American Datum of 1983	NAD 83
North American Vertical Datum	NAVD
North American Vertical Datum of 1988	NAVD 88
North-south axis	Y
North-south coordinate	y

—O—

On-line Position Users Service	OPUS
On-the-fly	otf

—P—

Parts per million	ppm
Permission to Survey	PTS
Photogrammetry & Surveys Section	P&S
Photogrammetry & Surveys feature code list 2002	PS02
Photogrammetry & Surveys feature code list 2009	PS09
Point of compound curvature	PCC
Point of curvature	PC
Point of intersection	PI
Point of reverse curvature	PRC
Point of tangency	PT
Point on curve	POC
Point on spiral curve	POSC
Point on tangent	POT
Point on vertical curve	POVC
Positional dilution of precision	PDOP
Precise code	P-Code
Prime meridian	PM
Professional engineer	PE
Professional Land Surveyor	PLS
Project Control System	PCS
Pseudo-random code	PRC
Pseudo-random noise	PRN

—R—

Radius or radial coordinate	R
Railroad	RR
Range	R
Real-time kinematic	RTK
Receiver Independent Exchange	RINEX
Reference marker	RM
Reverse crown	RC
Right-of-way	r/w or row
Root mean square	rms

—S—

Second	sec or "
Section	S
Selective Availability	S/A
Signal to noise ratio	SNR
Sine	sin
South	S
Spiral to curve point	SC
Spiral to tangent point	ST
Space Vehicle	SV
Space Weather Prediction Center	SWPC
Square foot	ft^2
Square inch	in^2
Square mile	mi^2
Square yard	yd^2
State Plane Coordinate System	SPSC
State Transportation Improvement Plan	STIP
Station	sta
Superelevation runoff	S

—T—

Tangent	tan
Tangent distance	T
Tangent to spiral point	TS
Temporary bench mark	TBM
Temporary control point	TCP
Three-dimensional	3-D
Three-dimensional coordinate quality	3D CQ

Time dilution of precision	TDOP
Topography or topographic	topo
Township	T
Triangulated irregular network	TIN
Turning point	TP
Two-Dimensional	2-D

—U—

Ultra high frequency	UHF
U.S. Coast & Geodetic Survey	USC&GS
U.S. Forest Service	USFS
U.S. Geological Survey	USGS
Universal Time Coordinated	UTC
Universal Transverse Mercator	UTM

—V—

Vertical curve	VC
Vertical dilution of precision	VDOP
Vertical point of intersection	VPI
Very high frequency	VHF
Volume	V

—W—

West	W
Wide Area Augmentation System	WAAS
Wing point	wp
World Geodetic System of 1972	WGS 72
World Geodetic System of 1984	WGS 84
Wyoming Department of Transportation	WYDOT

—Y—

Yard	yd