
Feature Codes – Titles Only

Design Manual
Chapter 40
Design Survey
Specifications

Originally Issued: 09-30-11

Revised: 01-22-15

AST - Above Ground Storage Tank
BB - Billboards
BBB - Bottom of Bridge Beam
BCL - Bridge Centerline
BD - Bridge Deck
BIN - Grain Bins, Corn Cribs, Etc.
BL - Breakline (Field)
BLD - Building
BLS - Bridge Low Steel
BM - Benchmark
BNK - Stream Banks
BRG - Bridge
C - Center of Road
CAV - Cave
CEL - Cell Phone Tower
CIS - Cistern
CON - Concrete or AC Slab
CP - Control Point
CRP - Corporation Line
CS - Curve to Spiral
CU - Curb
CUL - Culverts
D - Draws, Side Ditches, Gutter Water Flow or Surface Water Flow Downstream
DAB - Drainage Area Boundary
DIK - Center of Dike or Dam
DTM - Photogrammetry Control Check
DU - Draws, Side Ditches, Gutter Water Flow or Surface Water Flow Upstream
EB - Electrical Box
EG - Edge of Gravel Road
EL1B, EL2B, EL3B, EL4B, EL5B - Underground Electric Line (Quality B)
EL1C, EL2C, EL3C, EL4C, EL5C - Underground Electric Line (Quality C)

EL1D, EL2D, EL3D, EL4D, EL5D - Underground Electric Line (Quality D)**ENP - Edge of Entrance, Paved****ENT - Entrance****ENU - Edge of Entrance, Unpaved****EP - Edge of Pavement****EW - Edge of Water****FCL - Chain Link or Security Fence****FENO - FENO Control Monument****FHD - Fire Hydrant****FLG - Flag Pole****FO1B, FO2B, FO3B, FO4B, FO5B thru FO15B - Underground Fiber Optic Line (Quality B)****FO1C, FO2C, FO3C, FO4C, FO5C thru FO15C - Underground Fiber Optic Line (Quality C)****FO1D, FO2D, FO3D, FO4D, FO5D thru FO15D - Underground Fiber Optic Line (Quality D)****FP - Filler Pipe****FW - Wire Fence (Woven, Barb or High Tension)****FWD - Wood Fence****GDL - Guardrail****GH1B, GH2B, GH3B, GH4B, GH5B thru GH10B - Underground Gas High Pressure Line (Quality B)****GH1C, GH2C, GH3C, GH4C, GH5C thru GH10C - Underground Gas High Pressure Line (Quality C)****GH1D, GH2D, GH3D, GH4D, GH5D thru GH10D - Underground Gas High Pressure Line (Quality D)****GL1B, GL2B, GL3B, GL4B, GL5B thru GL10B - Underground Gas Line (Quality B)****GL1C, GL2C, GL3C, GL4C, GL5C thru GL10C - Underground Gas Line (Quality C)****GL1D, GL2D, GL3D, GL4D, GL5D thru GL10D - Underground Gas Line (Quality D)****GP - Guard Posts (Less Than 4 Posts)****GPR - Guard Posts (4 or More Posts)****GR - Ground Shots (Field Survey)****GRV - Grave****GU - Gutter****GV - Gas Valve or Vent****HDG - Hedge****HS - Hydric Soil****HT - Highline Tower****IN - Single Grate Intake****IN - RA Type Intake****INB - Intake (Beehive)****LC - Lot Corner****LIN - LINE****LP - LP Tank****LUM - Luminaire**

MH - Manhole
MIS - Miscellaneous
MM - Mile Marker
OUT - Outlet
PC - Point of Curvature
PCP - Photo Control Point
PCT - Photo Control Target
PIP - Pipe
PI - Point of Intersection
PL - Photo Location
PLG - Photo Location General
POC - Point on Curve
POST - Point on Semi-Tangent (within curve limits)
POT - Point on Tangent
PPA, PPB, PPC, PPD, PPE - Power Pole
PR - Power Riser Pole
PRO - Top Steps, Porches, Bridge Abutment on CL
PT - Curve to Tangent
REF - Reference
RET - Retaining Wall
RIP - Rip-Rap
ROC - Rock Outcropping
ROW - Right-of-Way Rail
RR - Railroad
RRB - Railroad Signal Box
RRF - Railroad Frog
RRR - Railroad Rail
RRS - Railroad Signal
RRW - Railroad Switch
RT - Radio Tower
S - Soil Sampling Site
SA1B, SA2B, SA3B, SA4B, SA5B - Underground Sanitary Sewer (Quality B)
SA1C, SA2C, SA3C, SA4C, SA5C - Underground Sanitary Sewer (Quality C)
SA1D, SA2D, SA3D, SA4D, SA5D - Underground Sanitary Sewer (Quality D)
SBR - Size of Bridge
SC - Spiral to Curve
SCR - Section Corner
SEP - Septic Tank
SF - Silt Fence

SG - Staff Gauge
SH - Paved Shoulder
SHR - Shrub
SI - Signs
SL - Speed Limit Sign
SLN - Approximate Section Line
SLO - Silo
SNK - Sink Hole
SNP - Non-Paved Shoulder
SOP - Size of Culvert or Pipe
SP - Stream Profile
ST - Spiral to Tangent
ST1B, ST2B, ST3B, ST4B, ST5B - Underground Storm Sewer (Quality B)
ST1C, ST2C, ST3C, ST4C, ST5C - Underground Storm Sewer (Quality C)
ST1D, ST2D, ST3D, ST4D, ST5D - Underground Storm Sewer (Quality D)
STP - Stump
SWK - Sidewalk
SWP - Swamp
TA - Tower Anchor
TBO - Telephone Booth
TCB - Traffic Signal Control Box
TDC - Deciduous Tree
TDL - Traffic Detection Loop
TER - Centerline of Terrace
TEV - Tree Evergreen
TFR - Tree Fruit
TGP - Telegraph Pole
TIL - Tile
TL1B, TL2B, TL3B, TL4B, TL5B - Underground Telephone Line (Quality B)
TL1C, TL2C, TL3C, TL4C, TL5C - Underground Telephone Line (Quality C)
TL1D, TL2D, TL3D, TL4D, TL5D - Underground Telephone Line (Quality D)
TLNL - Treeline Left
TLNR - Treeline Right
TOP - Top Bridge Pier
TPA, TPB, TPC - Telephone Pole
TPD - Telephone Pedestal
TR - Telephone Riser Pole
TRL - Centerline of Trail
TS - Tangent to Spiral

TSB - Telephone Switch Box

TSG - Traffic Signal

TSL - Traffic Signal with Luminaire

TV - Satellite dish

TV1B, TV2B, TV3B, TV4B, TV5B - Underground TV Cable (Quality B)

TV1C, TV2C, TV3C, TV4C, TV5C - Underground TV Cable (Quality C)

TV1D, TV2D, TV3D, TV4D, TV5D - Underground TV Cable (Quality D)

TVP - TV Pedestal

TW - Top of Water

UB - Utility Box

UE - Utility Elevation

UPH - Utility Pothole Location

UST - Underground Storage Tanks

UV - Utility Vault

VS - Valley Section

WC - Wild Card

WEL - Well

WHD - Water Hydrant

WHU - Water Hookup

WL1B, WL2B, WL3B, WL4B, WL5B - Underground Water Line (Quality B)

WL1C, WL2C, WL3C, WL4C, WL5C - Underground Water Line (Quality C)

WL1D, WL2D, WL3D, WL4D, WL5D - Underground Water Line (Quality D)

WM - Wind Mill

WND - Wind Turbine

WV - Water Valve

Some of these features have been added back in for the GIS people. This information is needed for their work. Also, the utility codes changed to reflect the accuracy of the utility location on the projects.

Chronology of Changes to Design Manual Section:

040B-002 Feature Codes - Titles Only

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|-----------|---|
| 1/22/2015 | Revised Add in feature codes. Some feature codes were added back in for GIS people to complete their work. |
| 5/8/2013 | Revised Added new feature code UPH - Utility Pothole Location |
| 9/30/2011 | NEW New |