

<b>Item</b>	<b>Description</b>
16COR	SIXTEENTH SECTION CORNER
AFGB	ASBUILT FINISHED GRADE BRK LINE
AFGS	ASBUILT FINISHED GRADE SPOT
AMKB	ASBUILT BTTM OF MUCK EXST BRK LINE
AMKS	ASBUILT BTTM OF MUCK EXST SPOT
ANODE	ANODE
APPURL	APPURTENANCE WATER LINE
APPURW	APPURTENANCE WATER
ARV	AIR RELEASE VALVE
ASP	ASPHALT EDGE
ATSEB	ASBUILT BTTM OF EXST TOPSOIL BRK LINE
ATSES	ASBUILT BTTM OF EXST TOPSOIL SPOT
ATSPB	ASBUILT PPSD BTTM OF TOPSOIL BRK LINE
ATSPS	ASBUILT PPSD BTTM OF TOPSOIL SPOT
AZI	NGS AZIMUTH MARK
BGB	BUILDING BRICK
BGC	BUILDING CONCRETE
BGF	BUILDING FRAME
BGM	BUILDING METAL
BGMH	BUILDING MOBILE HOME
BGW	BUILDING WOOD
BH	BEE HIVE INLET
BM	BENCH MARK
BORE	BORE HOLE
BP	BRACE POLE
BR	BRIDGE
BRK	DTM BREAK LINE
BXC	BOX CULVERT CONCRETE
CALC	CALCULATED POINT
CALCQTR	CALCULATED QUARTER CORNER
CALCSEC	CALCULATED SECTION CORNER
CAN	CANOPY
CB	CATCH BASIN
CBR	CATCH BASIN ROUND
CBS	CATCH BASIN SQUARE
CCT	CARD CONTROL MACHINE
CG18	18 CURB AND GUTTER
CG24	24 CURB AND GUTTER
CG30	30 CURB AND GUTTER
CHK	CHECK IN POINT

<b>Item</b>	<b>Description</b>
CI	CURB INLET
CIP	CAST IRON PIPE
CIPD	CAST IN PLACE DRAIN CONCRETE
CJT	Concrete Joint or Seam
CLBK	CHANNEL BANK
CLCOR	CLOSING SECTION CORNER
CON	CONCRETE EDGE - MISC CONCRETE ITEMS
CP	CONTROL POINT
CPP	CORRUGATED PLASTIC PIPE
CPPF	CORRUGATED PLASTIC PIPE W/ES
CR	CORNER REFERENCE
CRACK	CRACK IN ROAD
CRB6	6 CURB
CRB8	8 CURB
CS	CURVE TO SPIRAL
CSEC	CENTER SECTION CORNER
CSP	CORRUGATED STEEL PIPE
CSPF	CORRUGATED STEEL PIPE W/ES
CSPT	CORRUGATED STEEL PIPE TRAVERSABLE ES
CTGD	CATTLE GUARD
DAME	EARTH DAM
DAQBRKI	DTM Island Break Line Exst
DAQBRKO	DTM Obscured Break Line Exst
DAQBRKVDI	DTM Island Void Line Exst
DAQBRKVDO	DTM Obscured Void Line Exst
DAQBRKVOID	DTM Void Line Exst
DAQDB	DB Line Exst
DAQFIELD	Field Line Line Exst
DAQGTRDRWY	Gtr Drwy Line Exst
DAQISLAND	DTM Island Bndry Line Exst
DAQISLANDO	DTM Obscured Bndry Line Exst
DAQRRCL	CL RR Line Exst
DAQSPOTI	DTM Island Spot Cell Exst
DAQSPOTO	DTM Obscured Cell Exst
DAQSPOTP	DTM Spot Point Exst
DECK	DECK
DIK	EARTH DIKE OR BERM
DOK	LOADING DOCK (CONCRETE)
DRD	DRAINAGE DITCH UNLINED
DRN	DRAINAGE PROFILE/FLOW LINE

<b>Item</b>	<b>Description</b>
DRT	DIRT ROAD-TRAIL
DWP	DETECTABLE WARNING PANEL
EDP	EXPOSED DRAIN PIPE
EL	ELECTRIC BOX OR LOCKER
ELM	ELECTRIC METER
EOW	EDGE OF WATER
EP	ELECTRIC PEDESTAL
EQCOR	EAST QUARTER CORNER
EVGL	EVERGREEN LARGE 5+
EVGS	EVERGREEN SMALL UP TO 4
EVL	ELECTRIC VAULT
FFP	FUEL FILLER PIPE
FGP	FLAG POLE
FLS	FUEL LEAK SENSOR MONITOR WELL
FLU	FLUME
FNB	BARB WIRE FENCE
FNC	CHAIN LINK FENCE
FND	FOUND MONUMENT
FNW	WOOD FENCE
FNWW	WOVEN WIRE FENCE
FOTPC	TELEPHONE FIBER OPTIC PEDESTAL
FOTVP	TV FIBER OPTIC PEDESTAL
FP	FUEL DISPENSER
FPI	FUEL DISPENSER ISLAND
FRG	RAILROAD FROG
FVP	FUEL VENT PIPE
GATE	GATE
GDRBB	GUARD RAIL BOX BEAM
GDRW	GUARD RAIL WOOD
GDRWB	GUARD RAIL W-BEAM
GDRWR	GUARD RAIL WIRE ROPE
GM	GAS MAIN LINE
GMTR	GAS METER
GMV	GAS MAIN VALVE
GP	GUARD POST
GPS	GPS CONTROL POINT
GREG	GAS LINE REGULATOR
GRTD	GRATED TOP FOR CIPD
GRV	GRAVEL EDGE
GRVP	PIT OR STOCK PILE

<b>Item</b>	<b>Description</b>
GS	GAS SERVICE LINE
GSV	GAS SERVICE VALVE
GTBRK	GROUND TRUTH DTM BREAK LINE
GTSPOT	GROUND TRUTH DTM SPOT
GTX	GROUND TRUTH CROSS SECTION
GUTT16	16 VALLEY GUTTER
GUTT18	18 VALLEY GUTTER
GUTT24	24 VALLEY GUTTER
GUTT30	30 VALLEY GUTTER
GVB	GAS VALVE BOX
GVP	GAS VENT PIPE
GWM	GROUND WATER MONITOR WELL
GY	GUY WIRE
GYP	GUY POLE
HB	HOSE BIB
HCR	DISABLED RAMP
HG	HEDGE
HV	AERIAL TARGETS
HVPP	AERIAL PICTURE POINT
HYD	FIRE HYDRANT
IM	INLET MANHOLE WITH GRATED TOP
JB	JERSEY BARRIER
LAK	LAKE OR POND
LFST	LIFT STATION
LOP	LOCATION OF PHOTO
LPC	LIGHT POLE CONCRETE
LPS	LIGHT POLE STEEL
LPTS	LIGHT POLE W/TRAFFIC SIGNAL
LPW	LIGHT POLE WOOD
MB	MAIL BOX
MC24	24 MOUNTABLE CURB AND GUTTER
MC30	30 MOUNTABLE CURB AND GUTTER
MCOR	MEANDER CORNER
MHAV	MANHOLE W/AIR RELEASE VALVE
MHE	MANHOLE ELECTRIC
MHFS	MANHOLE SANITARY FORCE MAIN
MHG	MANHOLE GAS
MHS	MANHOLE SANITARY
MHST	MANHOLE STORM
MHT	MANHOLE TELEPHONE

<b>Item</b>	<b>Description</b>
MHU	MANHOLE UNIDENTIFIED
MHW	MANHOLE WATER
MHWM	MANHOLE WATER W/METER
MHWV	MANHOLE WATER W/VALVE
MONC	FOUND CONCRETE MONUMENT
MONR	FOUND REFERENCE MONUMENT
MONV	FOUND VAULT MONUMENT
MSPOT	MISC SPOT
NESEC	NE SECTION CORNER
NQCOR	NORTH QUARTER CORNER
NWSEC	NW SECTION CORNER
OH	OVERHEAD LINES
PBX	PULL BOX (ELECTRICAL CONNECTION)
PC	POINT OF CURVATURE
PCC	POINT ON COMPOUND CURVE
PCR	FOUND PROPERTY CORNER (PRIVATE)
PCRB6	6 PORTABLE CURB
PCRB8	8 PORTABLE CURB
PI	POINT OF INTERSECTION
PIER	PIER
PLG	NATURAL GAS PIPELINE
PLO	PETROLEUM PIPELINE
PLTR	PLANTER
POC	POINT ON CURVE
POL	POLE
POST	POST
POT	POINT ON TANGENT
PP	POWER POLE
PPL	POWER POLE W/LIGHT
PPS	POWER POLE STRUCTURE
PPTR	POWER POLE W/TRANSFORMER
PRC	POINT ON REVERSE CURVE
PSB	Paint Stripe Blue
PSW	Paint Stripe White
PSY	Paint Stripe Yellow
PT	POINT OF TANGENCY
PTS	PAY TELEPHONE STAND
PTWP	PUSH TO WALK POST
PVC	PVC PIPE
PVT	PRIVATE TELEPHONE CABLE

<b>Item</b>	<b>Description</b>
RAIL	HAND RAIL ATOP WALL
RCP	REINFORCED CONCRETE PIPE
RCPF	REINFORCED CONCRETE PIPE W/FLAR
RCPT	REINFORCED CONCRETE PIPE TRAVERSABLE ES
REF	NGS REFERENCE MARK
RIP	RIPRAP
RM	REFERENCE MARKER (MILE POSTS)
RP	RANDOM POINT
RR	RAILROAD TRACKS
RRBB	RAILROAD BATTERY BOX
RRBRK	RR PROFILE BREAK LINE
RRCB	RAILROAD CROSS BUCK
RRS	RAILROAD SIGNAL
RRSA	RAILROAD SIGNAL W/ARM
RRSPOT	RR PROFILE SPOT SHOT
RRXC	RAILROAD CROSSING CONCRETE
RRXR	RAILROAD CROSSING RUBBER
RRXT	RAILROAD CROSSING TIMBER
RSSS	ROUND STORM SEWER STRUCTURE
RTK	RTK-GPS CONTROL POINT
RTWC	RETAINING WALL CONCRETE
RTWR	RETAINING WALL ROCK (MASONRY)
RWMC	ROW MARKER CONCRETE POST
RWMIP	FOUND ROW MONUMENT IRON PIPE
RWMP	ROW MARKER PLASTIC POST
RWMRB	FOUND ROW MONUMENT REBAR
RWMT	FOUND ROW MONUMENT T IRON
RWMW	ROW MARKER WOOD POST
SAN	SANITARY SEWER LINE
SB	SHRUB
SC	SPIRAL TO CURVE
SCALE	WEIGH STATION SCALE PLATFORM
SCR	SCOUR
SDCOR	STANDARD SECTION CORNER
SDVP	STORM DRAIN VENT PIPE
SEP	SEPTIC TANK
SESEC	SE SECTION CORNER
SGN	TRAFFIC SIGN 1 POLE ONLY
SGNOH	OVERHEAD SIGN STRUCTURE
SGNS	TRAFFIC SIGN 2 OR MORE POLES

<b>Item</b>	<b>Description</b>
SIGN	PRIVATE SIGN 1 POLE ONLY
SIGNS	PRIVATE SIGN 2 OR MORE POLES
SLIDE	PLAYGROUND SLIDE
SLO	SLOUGH
SLTDRN	SLOTTED METAL DRAIN
SMH	MANHOLE STEAM
SNVP	SANITARY VENT PIPE
SPK	SPRINKLER HEAD
SPKV	SPRINKLER VALVE
SPLE	EARTH SPILL WAY
SPLM	MASONRY OR ROCK SPILLWAY
SPOT	DTM SPOT ELEVATION
SQCOR	SOUTH QUARTER CORNER
SRCP	SLOTTED DRAIN IN RCP CULVERT
SSCLN	SANITARY CLEANOUT
SSGV	SANITARY SYSTEM GATE VALVE
SSO	STORM SEWER OUTLET
SSOF	STORM SEWER OUTLET W/ES
ST	SPIRAL TO TANGENT
STA	STATION OF OCCUPIED POINT
STEP	STEPS
STM	STEAM LINE
STO	STORM SEWER LINE
STP	STUMP
SWSEC	SW SECTION CORNER
SWSET	PLAYGROUND SWING SET
SWT	RAILROAD SWITCH
T	TELEPHONE CABLE
TB	TELEPHONE BOX OR LOCKER
TBO	TELEPHONE BOOTH
TELG	TELEGRAPH POLE
TFO	TELEPHONE FIBER OPTIC
THRES	THRESHOLD
TIE	ASBUILT TIE POINT LINE
TNKA	TANK ABOVE GROUND
TNKU	TANK UNDER GROUND
TP	TELEPHONE POLE
TPC	TELEPHONE PEDESTAL
TRBR	FOUND BEARING TREE
TRI	NGS TRIANGULATION MARK

<b>Item</b>	<b>Description</b>
TRL1	TREE LARGE 5-10
TRL2	TREE LARGE 10-15
TRL3	TREE LARGE 15-20
TRL4	TREE LARGE 20-25
TRL5	TREE LARGE 25-30
TRL6	TREE LARGE 30-35
TRLS	TRANSMISSION LINE STRUCTURE
TRLX	TREE Large 35+
TRM	TREE MASS
TRMT	TREE W/MULTIPLE TRUNK
TRS	TREE SMALL 1-5
TS	TANGENT TO SPIRAL
TSCB	TRAFFIC SIGNAL CONTROL BOX
TSG	TRAFFIC SIGNAL
TSS	TRAFFIC SIGNAL SENSOR
TSWA	TRAFFIC SIGNAL W/ARM
TV	TV CABLE
TVFO	TV FIBER OPTIC
TVLT	TELEPHONE VAULT
TVP	TV PEDESTAL
TWR	TOWER-RADIO-TV-MICRO WAVE
UEC	UNDERGROUND ELECTRICAL CABLE
UMC	UNDERGROUND MISSILE CABLE
UME	UTILITY MARKER ELECTRIC
UMF	UTILITY MARKER FUEL
UMG	UTILITY MARKER GAS
UMK	UTILITY MARKER UNKNOWN
UMT	UTILITY MARKER TELEPHONE
UMTV	UTILITY MARKER TV
UMW	UTILITY MARKER WATER
USR	DATA COLLECTOR OPERATOR\USER NAME
WELL	WATER WELL
WET	WETLANDS
WF	WATER FOUNTAIN
WGV	WATER GATE VALVE
WING	WING WALL
WM	WATER MAIN LINE
WML	WIND MILL
WMTR	WATER METER
WMV	WATER MAIN VALVE

<b>Item</b>	<b>Description</b>
WQCOR	WEST QUARTER CORNER
WS	WATER SERVICE LINE
WSTA	WEATHER STATION FENCE OR ITEM
WSV	WATER SERVICE VALVE
WTCOR	WITNESS CORNER
WVP	WATER VENT PIPE
XING	RAILROAD CROSSING UNDEFINED

## Control based codes

### AERIAL PANELS

HVPP	AERIAL PICTURE POINT	Point
HV	AERIAL TARGETS	Point

### ALIGNMENT POINTS

CS	CURVE TO SPIRAL	Point
PC	POINT OF CURVATURE	Point
PI	POINT OF INTERSECTION	Point
PT	POINT OF TANGENCY	Point
PCC	POINT ON COMPOUND CURVE	Point
POC	POINT ON CURVE	Point
PRC	POINT ON REVERSE CURVE	Point
POT	POINT ON TANGENT	Point
SC	SPIRAL TO CURVE	Point
ST	SPIRAL TO TANGENT	Point
TS	TANGENT TO SPIRAL	Point

### Data Acquisition - Aerial Only

DAQRRCL	CL RR Line Exst	Line
DAQDB	DB Line Exst	Line
DAQISLAND	DTM Island Bndry Line Exst	Line
DAQBRKI	DTM Island Break Line Exst	Line
DAQSPOTI	DTM Island Spot Cell Exst	Point
DAQBRKVDI	DTM Island Void Line Exst	Line
DAQISLANDO	DTM Obscured Bndry Line Exst	Line
DAQBRKO	DTM Obscured Break Line Exst	Line
DAQSPOTO	DTM Obscured Cell Exst	Point
DAQBRKVDO	DTM Obscured Void Line Exst	Line
DAQSPOTP	DTM Spot Point Exst	Line
DAQBRKVOID	DTM Void Line Exst	Line
DAQFIELD	Field Line Line Exst	Line
DAQGTRDRWY	Gtr Drwy Line Exst	Line

**MONUMENTS**

BM	BENCH MARK	Point
TRBR	FOUND BEARING TREE	Point
MONC	FOUND CONCRETE MONUMENT	Point
FND	FOUND MONUMENT	Point
PCR	FOUND PROPERTY CORNER (PRIVATE)	Point
MONR	FOUND REFERENCE MONUMENT	Point
RWMIP	FOUND ROW MONUMENT IRON PIPE	Point
RWMRB	FOUND ROW MONUMENT REBAR	Point
RWMT	FOUND ROW MONUMENT T IRON	Point
MONV	FOUND VAULT MONUMENT	Point
AZI	NGS AZIMUTH MARK	Point
REF	NGS REFERENCE MARK	Point
TRI	NGS TRIANGULATION MARK	Point
RWMC	ROW MARKER CONCRETE POST	Point
RWMP	ROW MARKER PLASTIC POST	Point
RWMW	ROW MARKER WOOD POST	Point

**SECTION CORNERS**

CALCQTR	CALCULATED QUARTER CORNER	Point
CALCSEC	CALCULATED SECTION CORNER	Point
CSEC	CENTER SECTION CORNER	Point
CLCOR	CLOSING SECTION CORNER	Point
CR	CORNER REFERENCE	Point
EQCOR	EAST QUARTER CORNER	Point
MCOR	MEANDER CORNER	Point
NESEC	NE SECTION CORNER	Point
NQCOR	NORTH QUARTER CORNER	Point
NWSEC	NW SECTION CORNER	Point
SESEC	SE SECTION CORNER	Point
16COR	SIXTEENTH SECTION CORNER	Point
SQCOR	SOUTH QUARTER CORNER	Point
SDCOR	STANDARD SECTION CORNER	Point
SWSEC	SW SECTION CORNER	Point
WQCOR	WEST QUARTER CORNER	Point
WTCOR	WITNESS CORNER	Point

**TRAVERSE POINTS**

CALC	CALCULATED POINT	Point
CHK	CHECK IN POINT	Point
CP	CONTROL POINT	Point
GPS	GPS CONTROL POINT	Point
RP	RANDOM POINT	Point
RTK	RTK-GPS CONTROL POINT	Point
STA	STATION OF OCCUPIED POINT	Point

## Topographic based codes

### 3-D SURFACE(DTM)

ATSEB	ASBUILT BTTM OF EXST TOPSOIL BRK LINE	Line
ATSES	ASBUILT BTTM OF EXST TOPSOIL SPOT	Point
AMKB	ASBUILT BTTM OF MUCK EXST BRK LINE	Line
AMKS	ASBUILT BTTM OF MUCK EXST SPOT	Point
AFGB	ASBUILT FINISHED GRADE BRK LINE	Line
AFGS	ASBUILT FINISHED GRADE SPOT	Point
ATSPB	ASBUILT PPSD BTTM OF TOPSOIL BRK LINE	Line
ATSPS	ASBUILT PPSD BTTM OF TOPSOIL SPOT	Point
TIE	ASBUILT TIE POINT LINE	Line
BRK	DTM BREAK LINE	Line
SPOT	DTM SPOT ELEVATION	Point
GTX	GROUND TRUTH CROSS SECTION	Line
GTBRK	GROUND TRUTH DTM BREAK LINE	Line
GTSPOT	GROUND TRUTH DTM SPOT	Point

### BRIDGE - BOX CULVERT

BXC	BOX CULVERT CONCRETE	Line
BR	BRIDGE	Line
PIER	PIER	Line
WING	WING WALL	Line

### CURB AND GUTTER

CRB6	6 CURB	Line
CRB8	8 CURB	Line
CG18	18 CURB AND GUTTER	Line
CG24	24 CURB AND GUTTER	Line
CG30	30 CURB AND GUTTER	Line
MC24	24 MOUNTABLE CURB AND GUTTER	Line
MC30	30 MOUNTABLE CURB AND GUTTER	Line
PCRB6	6 PORTABLE CURB	Line
PCRB8	8 PORTABLE CURB	Line
GUTT16	16 VALLEY GUTTER	Line
GUTT18	18 VALLEY GUTTER	Line
GUTT24	24 VALLEY GUTTER	Line
GUTT30	30 VALLEY GUTTER	Line

**DAMS - DRAINS - LAKES - RIPRAP - SCOURS**

CLBK	CHANNEL BANK	Line
DRD	DRAINAGE DITCH UNLINED	Line
DRN	DRAINAGE PROFILE/FLOW LINE	Line
DAME	EARTH DAM	Line
DIK	EARTH DIKE OR BERM	Line
SPL	EARTH SPILL WAY	Line
EOW	EDGE OF WATER	Line
LAK	LAKE OR POND	Line
SPLM	MASONRY OR ROCK SPILLWAY	Line
RIP	RIPRAP	Line
SCR	SCOUR	Line
SLO	SLOUGH	Line
WET	WETLANDS	Line

**ELECTRIC**

EL	ELECTRIC BOX OR LOCKER	Line
ELM	ELECTRIC METER	Point
EP	ELECTRIC PEDESTAL	Point
EVL	ELECTRIC VAULT	Line
MHE	MANHOLE ELECTRIC	Point
PBX	PULL BOX (ELECTRICAL CONNECTION)	Point
PTWP	PUSH TO WALK POST	Point
UEC	UNDERGROUND ELECTRICAL CABLE	Line
UMC	UNDERGROUND MISSILE CABLE	Line
UME	UTILITY MARKER ELECTRIC	Point

**FENCES/GATES**

FNB	BARB WIRE FENCE	Line
CTGD	CATTLE GUARD	Line
FNC	CHAIN LINK FENCE	Line
GATE	GATE	Line
FNW	WOOD FENCE	Line
FNWW	WOVEN WIRE FENCE	Line

**FUEL AND TANKS**

FP	FUEL DISPENSER	Point
FPI	FUEL DISPENSER ISLAND	Line
FFP	FUEL FILLER PIPE	Point
FLS	FUEL LEAK SENSOR MONITOR WELL	Point
FVP	FUEL VENT PIPE	Point
PLO	PETROLEUM PIPELINE	Line
TNKA	TANK ABOVE GROUND	Line
TNKU	TANK UNDER GROUND	Line
UMF	UTILITY MARKER FUEL	Point

**GAS**

GREG	GAS LINE REGULATOR	Point
GM	GAS MAIN LINE	Line
GMV	GAS MAIN VALVE	Point
GMTR	GAS METER	Point
GS	GAS SERVICE LINE	Line
GSV	GAS SERVICE VALVE	Point
GVB	GAS VALVE BOX	Point
GVP	GAS VENT PIPE	Point
MHG	MANHOLE GAS	Point
PLG	NATURAL GAS PIPELINE	Line
UMG	UTILITY MARKER GAS	Point

**GUARD RAILS/JERSEY BARRIERS**

GDRBB	GUARD RAIL BOX BEAM	Line
GDRWB	GUARD RAIL W-BEAM	Line
GDRWR	GUARD RAIL WIRE ROPE	Line
GDRW	GUARD RAIL WOOD	Line
RAIL	HAND RAIL ATOP WALL	Line
JB	JERSEY BARRIER	Line

**INLETS - DRAINS**

BH	BEE HIVE INLET	Point
CIPD	CAST IN PLACE DRAIN CONCRETE	Line
CB	CATCH BASIN	Point
CBR	CATCH BASIN ROUND	Point
CBS	CATCH BASIN SQUARE	Point
CI	CURB INLET	Point
GRTD	GRATED TOP FOR CIPD	Line
IM	INLET MANHOLE WITH GRATED TOP	Point
SRCP	SLOTTED DRAIN IN RCP CULVERT	Point
SLTDRN	SLOTTED METAL DRAIN	Line

**MISCELLANEOUS**

BORE	BORE HOLE	Point
CCT	CARD CONTROL MACHINE	Point
USR	DATA COLLECTOR OPERATOR\USER NAME	Point
DWP	DETECTABLE WARNING PANEL	Line
LOP	LOCATION OF PHOTO	Point
MHU	MANHOLE UNIDENTIFIED	Point
MSPOT	MISC SPOT	Point
SLIDE	PLAYGROUND SLIDE	Line
SWSET	PLAYGROUND SWING SET	Line
THRES	THRESHOLD	Point
UMK	UTILITY MARKER UNKNOWN	Point
WSTA	WEATHER STATION FENCE OR ITEM	Point
SCALE	WEIGH STATION SCALE PLATFORM	Line

**PIPE CULVERTS**

CIP	CAST IRON PIPE	Line
CPP	CORRUGATED PLASTIC PIPE	Line
CPPF	CORRUGATED PLASTIC PIPE W/ES	Line
CSP	CORRUGATED STEEL PIPE	Line
CSPT	CORRUGATED STEEL PIPE TRAVERSABLE ES	Line
CSPF	CORRUGATED STEEL PIPE W/ES	Line
EDP	EXPOSED DRAIN PIPE	Line
PVC	PVC PIPE	Line
RCP	REINFORCED CONCRETE PIPE	Line
RCPT	REINFORCED CONCRETE PIPE TRAVERSABLE ES	Line
RCPF	REINFORCED CONCRETE PIPE W/FLAR	Line

**POLES - TOWERS - SIGNALS**

BP	BRACE POLE	Point
FGP	FLAG POLE	Point
GP	GUARD POST	Point
GYP	GUY POLE	Point
GY	GUY WIRE	Line
LPC	LIGHT POLE CONCRETE	Point
LPS	LIGHT POLE STEEL	Point
LPTS	LIGHT POLE W/TRAFFIC SIGNAL	Point
LPW	LIGHT POLE WOOD	Point
MB	MAIL BOX	Point
OH	OVERHEAD LINES	Line
POL	POLE	Point
POST	POST	Point
PP	POWER POLE	Point
PPS	POWER POLE STRUCTURE	Point
PPL	POWER POLE W/LIGHT	Point
PPTR	POWER POLE W/TRANSFORMER	Point
TELG	TELEGRAPH POLE	Point
TP	TELEPHONE POLE	Point
TWR	TOWER-RADIO-TV-MICRO WAVE	Point
TSG	TRAFFIC SIGNAL	Point
TSCB	TRAFFIC SIGNAL CONTROL BOX	Point
TSS	TRAFFIC SIGNAL SENSOR	Line
TSWA	TRAFFIC SIGNAL W/ARM	Point
TRLS	TRANSMISSION LINE STRUCTURE	Point

**RAILROADS**

RRBB	RAILROAD BATTERY BOX	Point
RRCB	RAILROAD CROSS BUCK	Point
RRXC	RAILROAD CROSSING CONCRETE	Line
RRXR	RAILROAD CROSSING RUBBER	Line
RRXT	RAILROAD CROSSING TIMBER	Line
XING	RAILROAD CROSSING UNDEFINED	Line
FRG	RAILROAD FROG	Point
RRS	RAILROAD SIGNAL	Point
RRSA	RAILROAD SIGNAL W/ARM	Point
SWT	RAILROAD SWITCH	Line
RR	RAILROAD TRACKS	Line
RRBRK	RR PROFILE BREAK LINE	Line
RRSPOT	RR PROFILE SPOT SHOT	Point

**SANITARY SEWER**

MHS	MANHOLE SANITARY	Point
MHFS	MANHOLE SANITARY FORCE MAIN	Point
SSCLN	SANITARY CLEANOUT	Point
SAN	SANITARY SEWER LINE	Line
SSGV	SANITARY SYSTEM GATE VALVE	Point
SNVP	SANITARY VENT PIPE	Point
SEP	SEPTIC TANK	Line

**SIGNS**

SGNOH	OVERHEAD SIGN STRUCTURE	Line
SIGN	PRIVATE SIGN 1 POLE ONLY	Point
SIGNS	PRIVATE SIGN 2 OR MORE POLES	Line
RM	REFERENCE MARKER (MILE POSTS)	Point
SGN	TRAFFIC SIGN 1 POLE ONLY	Point
SGNS	TRAFFIC SIGN 2 OR MORE POLES	Line

**STORM SEWER**

MHST	MANHOLE STORM	Point
RSSS	ROUND STORM SEWER STRUCTURE	Line
SDVP	STORM DRAIN VENT PIPE	Point
STO	STORM SEWER LINE	Line
SSO	STORM SEWER OUTLET	Line
SSOF	STORM SEWER OUTLET W/ES	Line

**STRUCTURES**

BGB	BUILDING BRICK	Line
BGC	BUILDING CONCRETE	Line
BGF	BUILDING FRAME	Line
BGM	BUILDING METAL	Line
BGMH	BUILDING MOBILE HOME	Line
BGW	BUILDING WOOD	Line
CAN	CANOPY	Line
DECK	DECK	Line
LFST	LIFT STATION	Line
PLTR	PLANTER	Line
RTWC	RETAINING WALL CONCRETE	Line
RTWR	RETAINING WALL ROCK (MASONRY)	Line
STEP	STEPS	Line

**SURFACES**

ASP	ASPHALT EDGE	Line
CON	CONCRETE EDGE - MISC CONCRETE ITEMS	Line
CJT	Concrete Joint or Seam	Line
CRACK	CRACK IN ROAD	Line
DRT	DIRT ROAD-TRAIL	Line
HCR	DISABLED RAMP	Line
FLU	FLUME	Line
GRV	GRAVEL EDGE	Line
DOK	LOADING DOCK (CONCRETE)	Line
PSB	Paint Stripe Blue	Line
PSW	Paint Stripe White	Line
PSY	Paint Stripe Yellow	Line
GRVP	PIT OR STOCK PILE	Line

**TELEPHONE**

MHT	MANHOLE TELEPHONE	Point
PTS	PAY TELEPHONE STAND	Point
PVT	PRIVATE TELEPHONE CABLE	Line
TBO	TELEPHONE BOOTH	Line
TB	TELEPHONE BOX OR LOCKER	Line
T	TELEPHONE CABLE	Line
TFO	TELEPHONE FIBER OPTIC	Line
FOTPC	TELEPHONE FIBER OPTIC PEDESTAL	Point
TPC	TELEPHONE PEDESTAL	Point
TVLT	TELEPHONE VAULT	Line
UMT	UTILITY MARKER TELEPHONE	Point

**TELEVISION**

TV	TV CABLE	Line
TVFO	TV FIBER OPTIC	Line
FOTVP	TV FIBER OPTIC PEDESTAL	Point
TVP	TV PEDESTAL	Point
UMTV	UTILITY MARKER TV	Point

**TREES**

EVGS	EVERGREEN SMALL UP TO 4	Point
EVGL	EVERGREEN LARGE 5+	Point
HG	HEDGE	Line
SB	SHRUB	Point
STP	STUMP	Point
TRS	TREE SMALL 1-5	Point
TRL1	TREE LARGE 5-10	Point
TRL2	TREE LARGE 10-15	Point
TRL3	TREE LARGE 15-20	Point
TRL4	TREE LARGE 20-25	Point
TRL5	TREE LARGE 25-30	Point
TRL6	TREE LARGE 30-35	Point
TRLX	TREE Large 35+	Point
TRM	TREE MASS	Line
TRMT	TREE W/MULTIPLE TRUNK	Point

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**WATER**

ARV	AIR RELEASE VALVE	Point
ANODE	ANODE	Point
APPURW	APPURTENANCE WATER	Point
APPURL	APPURTENANCE WATER LINE	Line
HYD	FIRE HYDRANT	Point
GWM	GROUND WATER MONITOR WELL	Point
HB	HOSE BIB	Point
SMH	MANHOLE STEAM	Point
MHAV	MANHOLE W/AIR RELEASE VALVE	Point
MHW	MANHOLE WATER	Point
MHWM	MANHOLE WATER W/METER	Point
MHWV	MANHOLE WATER W/VALVE	Point
SPK	SPRINKLER HEAD	Point
SPKV	SPRINKLER VALVE	Point
STM	STEAM LINE	Line
UMW	UTILITY MARKER WATER	Point
WF	WATER FOUNTAIN	Point
WGV	WATER GATE VALVE	Point
WM	WATER MAIN LINE	Line
WMV	WATER MAIN VALVE	Point
WMTR	WATER METER	Point
WS	WATER SERVICE LINE	Line
WSV	WATER SERVICE VALVE	Point
WVP	WATER VENT PIPE	Point
WELL	WATER WELL	Point
WML	WIND MILL	Point