

## Barrier ##		**=Included in DTM	
Fence (Barbed Wire)	FCB		
Fence (Chain Link)	FCCL		
Fence (Wooden)	FCW		
Fence (Woven Wire)	FCWW		
Fence Post 'X'	FCPO	Center of Post	
Retaining Wall	RETW	Center of Wall	
Stone Wall	STONEW	Center of Wall	
** Curb	C	BK of Curb W/TW on right	
** Curb and Gutter	CG	BK of Curb W/TW on right	
Guardrail	GD	Shoot Rail side W/TW on Rt.	
Cemetery Graveline	CEMGL		
Guard Fence Post	GDPO	Center of Post	
Guardrail (Top)	GDT	Shoot on Top of Rail	
** Guardrail (Ground)	GDB	Shoot @ Ground next to Rail	
## Mapping Features ##			
Railroad Crossbucks	RRXB		
Mailbox	MB	Center of Base	
## Roads and Rails ##			
** Public Road	RDPB		
** Private Road	R DPR	Use for Ent.	
** Shoulder Line	ES		
** Edge of Other	OS		
** Edge of Gravel	OG		
T.W. of Bridge	BRTW		
** Parking Lot (paved)	PKL	Closed Figure	
** Sidewalk	SW	Edge of SW-Closed Figure	
Gutter of Bridge	BG		
Bridge Rail	BRR		
Railroad	RR	Shoot Center of Tracks	
** R. R. Planking	RRPL	Closed Figure	
Top of Rail Elev	RRTR		
** E.W.S. of Bridge	EWS		
** Approach Slab	SLAB	Closed Figure	
## Utilities (Above Ground) ##			
Manhole	MH	Center of Top	
Catch Basin-Square	CBS	Center of Top	
Catch Basin-Round	CBR	Center of Top	
Fire Hydrant	FH	Center of Top	
Gas Well	GW	Center of Top	
Oil Well	OW	Center of Top	
Water Hydrant	WH	Center of Top	
Water Well	WW	Center of Top	
Vent Pipe	VP		
Fill Cap	FILLCAPG	For Underground Tanks	
Irrigation Pivot Point	IRPOP	Irrigation Wheel Path	IRWP
Irrigation End Point	IRPOE	Irrigation End Path	IREP
EPA Monitoring Well	EPAW	Mine	MINE
## Utilities (Underground) ##			
Gas Line	UGL		
Oil Line	UOL		
Power Cable	UPL		
Sanitary Sewer	USS		
Water Line	UWL		
Telephone Cable	UTE		
Utilities Marker Sign	UTLPO		
TV Cable	UTV		
Fiber Optic Cable	UFO		
Transformer Box	UTBOX	Center of Top	
## Vegetation ##			
Tree Row	TREEW	Center of Row	
Evergreen Shrub	EVERSB	2 Shots-Center & Radius	
Mixed Trees	TREEMIX	Keep Trees to the Right	
Bush	BUSH	2 Shots-Center & Radius	
Orchard	ORCH	Keep Trees to the Right	
Tree	TREE	Center of tree	
Evergreen	EVER	Center of tree	
Edge of Timber	ET	Keep Trees to the Right	
Hedge Row	HEDGE	Center of Row	
Tree Trunk	TRNK	Center of Trunk	
Tree Stump	STMP	Center of Stump	
Bushes-Deciduous	BUSHD	Keep Bushes to the Right	
Cropline	CROP		

## Digital Terrain Model ##		
** Breaklines	BKL	
** Regular Contour Points	CP	
** Spot Elevation	SPOT	Top of Hill-Bottom of Hole
## Surveys and Boundaries ##		
Right of Way Marker	RWMKR	Center of Top
Section Corner	COR	
Bench Mark	BM	
## Drainage ##		
** Stream	SB	Start Upstream-Work Down
** Streambed Lt or Rt.	SBLR	
** River	RIVR	
** Waters Edge	WE	Keep Water on Right
** Slope/Dam	SLPLN	Shoot with Slope to the Rt.
Culvert	CULV	Use for Pipes also
Culvert Wings	WNG	Use for Headwalls Also
** Terrace Line	TT	Top of Terrace
Gutter Inlet	GUT	Gutter then Lip
Ditch Plug	DTPLG	2 Shots-Near Point then Far
** Rip Rap Edge	RIP	
Top of Opening	TO	Spot Elev. on TO
Flowline Elev.	FL	Spot Elev on FL
Streambed Elev.	SBPT	Spot Elev. on SB
Hubguard	HUB	Spot Elev. on Hubguard
## Signs ##		
Sign (one post)	SGN	2 Shots-Shoot Rt.-then Lt
Sign (two posts)	SGND	2 Shots-Shoot Rt.-then Lt
Billboard	BLB	2 Shots-Shoot Rt.-then Lt
Billboard (lighted)	BLBI	2 Shots-Shoot Rt.-then Lt
Dynamic Mess. Sign (one post)	ITSIGNSP	2 Shots-Shoot Rt.-then Lt
Dynamic Mess. Sign (dual post)	ITSIGNDP	2 Shots-Shoot Rt.-then Lt
Dynamic Mess. Sign (dual face)	ITSIGNDF	2 Shots-Shoot Rt.-then Lt
ITS Equipment Cabinet	ITSEQUIP	2 Shots-Shoot Rt.-then Lt
## Structures ##		
Building-Orthogonal	BLD	Closed Figure
Building-Irregular	BLDIR	Closed Figure
Building-Church	BLDCH	Closed Figure
Building-School	BLDSC	Closed Figure
Building-Commercial	BLDCOM	Closed Figure
Building-Foundation	BLDF	Closed Figure
Building-House	HO	Closed Figure
Building-Mobile Home	HOMOB	Closed Figure
Building-Garage	BLDGAR	Closed Figure
Building-Out Building	BLDOUT	Closed Figure
Building Overhang	BLDOV	Closed Figure
Deck	DECK	Closed Figure
Tank-Square	TNK	Closed Figure
Tank-Round	TANK	2 shots-Both sides
Silo	SILO	2 shots-Both sides
Propane Tank	PROPANE	2 shots-End to End
Grain Bin	BIN	2 shots-Both sides
Floor Elevation Point	FLOOR	
Ground Elevation Point	GND	
Flag Pole	FLAG	
Swimming Pool	POOL	Closed Figure
** Concrete Area	CONC	Closed Figure
** Bituminous Area	BIT	Closed Figure
** Edge of Concrete	EC	
** Edge of Asphalt	EA	
## Utility Poles ##		
Power Pole	PP	
Power and Tel Pol	COMBO	
Light Pole	LP	
Telephone Pole	TELPO	
Light Tower	LTW	Center
Dead Man	DM	
Guy Pole	GUY	
Telephone Pedestal	UTPED	
Water Meter	WM	Center of Top
Gas Meter	GM	Center of Top
Gas Valve	GV	Center of Top
Water Valve	WV	Center of Top
Cable TV Pedestal	UTVPED	
F.O. Junc. Box	UFOBOX	
High Power Elec. Tower	UETW	Center