

Feature Code Library

A custom survey point code library has been developed to standardize point codes used during field survey and to help automate the process of importing survey data into Civil 3D. The table on the following page lists the field codes that are included in the point code library.

As Built Feature Code Library

An As Built Field code library was created to use for As Built Surveys, the feature code library was used and the letters AB were added to the beginning of the code. These points will only show up in the PR-As Built point group and will be excluded from the existing ground point group.

Survey Controllers

The point code library can also be uploaded into a data collector. Use the files listed below for the controller that you are using. These files are located on the ND NRCS website under the Engineering Surveying link.

TSC3 Controllers

NRCS ND.fxl & **NRCS ND.fxl** can be uploaded into the TSC3 controllers via Windows Mobile Device Center.

NRCS ND Field Code Library			TBM	Temporary Benchmark	Control/Ground Shots
			BM	Permanent Benchmark	
			TP	Turning Point	
			RP	Reference Point	
			PPIN	Property Pin or Marker	
			BASE	Base Station	
			GS	Ground Shot	
			CAL	Calibration	
			TH	Soil Boring (Test Hole)	
Structures	BLD	Building	CLW	Centerline of Watercourse	Water Features
	BR	Bridge	CLDRAW	Centerline of Draw	
	CON	Concrete	CLDITCH	Centerline of Ditch	
	CONC	Concrete Corner	TOEL	Toe LDS	
	BUNK	Bunk	TOER	Toe RDS	
	TANK	Tank	TOPL	Top of Bank LDS	
	CLDAM	Centerline of Dam	TOPR	Top of Bank RDS	
	EDAM	Top Edge of Dam	EH2O	Edge of Water	
	WELL	Well	GSWET	Ground Shot in Water	
	PIVOT	Pivot	H2O	Water Surface Elevation	
	AV	Air Vent	HH2O	High Water Mark	
	WALL	Retaining Wall			
	STRUC	Other Structure			
Roads	CLR	Centerline of Road	FN	Fence	Boundary Shots
	ER	Edge of Road	FC	Fence Corner	
	CLD	Centerline of Driveway	FG	Fence Gate	
	ED	Edge of Driveway	PL	Property Line	
	CLRD	Road Ditch Centerline	EL	Easement Line	
	FLDA	Field Approach	ROW	Right-of-Way Line	
	CLRR	Centerline of Railroad	EFLD	Edge of Field	
	ERR	Edge of Railroad	EWET	Edge of Wetland	
Pipes/Culverts	RCPINV	Reinforced Concrete Pipe Invert	PP	Power Pole	Utilities
	RCPTOP	Reinforced Concrete Pipe Top	PLO	Overhead Power Line	
	CMPINV	Corrugated Metal Pipe Invert	PLB	Buried Power Line	
	CMPTOP	Corrugated Metal Pipe Top	TEL	Telephone Line	
	PVC	PVC Pipe	GAS	Gas Line	
	HDPE	HDPE Pipe	WL	Water Line (Pipe)	
	APRON	Pipe Apron	FIBER	Fiber Optic Line	
	INTAKE	Tile Intake	UTIL	Other Utility Line	
	OUTLET	Tile Outlet	PED	Pedestal (phone, electric, etc.)	
	FL	Flowline	GW	Guy Wire	
Vegetation	CC	Cropping Change	WD	Watershed Divide	Terrain
	VC	Vegetation Change	SB	Slope Break	
	EWOOD	Edge of Woods	TS	Top of Slope	
	TREEL	Tree Line	BS	Bottom of Slope	
	TREE	Tree	LS	Low Spot	
	ROCK	Rock or Rock Pile	HS	High Spot	