

[S2.01 General](#)

[S2.02 Survey Codes by Category](#)

[S2.03 Survey Codes by Code](#)

S2.01 General

This section describes the symbology codes used to identify features by field survey, LiDAR, and other collection methods.

Survey crews collect field observations and assign a standard field codes to each point observed. The data is processed, and the results are delivered per requirements.

Current WSDOT standard field codes and control codes shall be used to identify field observed points and ensure the data can be imported into the Agency design software with proper symbology and behavior. This also ensures that the field collected points are identified the same way across all WSDOT projects.

WSDOT standard platform survey field codes by category/path are listed in [Symbology 2.02](#). WSDOT standard platform survey field codes by code are listed in [Symbology 2.03](#).

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
	FDCP	Point	Do Not Include	UT_WT_FireDeptConnPost	FireDeptConnPost
	FDCW	Point	Do Not Include	UT_WT_FireDeptConnWall	FireDeptConnWall
	FH	Point	Do Not Include	UT_WT_FireHydrant	FireHydrant
	MHW	Point	Do Not Include	UT_WT_WaterManhole	WaterManhole
	UTANK	Point	Do Not Include	UT_WT_UndGndTank	UndGndTank
	VAULTW	Point	Do Not Include	UT_WT_UndGndWaterVault	UndGndWaterVault
	VRA	Point	Do Not Include	UT_WT_ValveRelease	ValveRelease
	VW	Point	Do Not Include	UT_WT_ValveBoxWater	ValveBoxWater
	WAT	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew	WaterLine
	WATDA	Linear	Do Not Include	UT_WT_WaterLineDeactive	WaterLineDeactive
	WMB	Point	Do Not Include	UT_WT_WaterMeterBox	WaterMeterBox
Drainage\Ditches					
	AD	Linear	Break Line	DR_PP_AsphaltDitch	AsphaltDitch
	DB	Linear	Break Line	DR_PP_DitchBottomNoDir	DitchBottomNoDir
	DBD	Linear	Break Line	DR_PP_DitchBottom	DitchBottom
Drainage\Pipes					
	CUL	Linear	Do Not Include	SH_DT_RH_CulvertBottomless	Culvert
	DP	Linear	Do Not Include	DR_PP_DrainPipe	DrainPipe
Drainage\Points					
	CB1FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine1	CatchBasinFlowLine1
	CB2FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine2	CatchBasinFlowLine2
	CB3FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine3	CatchBasinFlowLine3
	CB4FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine4	CatchBasinFlowLine4

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Drainage\Points					
	CB5FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine5	CatchBasinFlowLine5
	CB6FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine6	CatchBasinFlowLine6
	CB7FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine7	CatchBasinFlowLine7
	CB8FL	Point	Do Not Include	DR_PP_CatchBasinFlowLine8	CatchBasinFlowLine8
	DIRP	Point	Spot	DR_PP_DirectionOfPipe	DirectionOfPipe
	FLUME	Point	Do Not Include	DR_PP_Flume	Flume
	PIPEFL	Point	Do Not Include	DR_PP_FlowLineForPipes	FlowLineForPipes
Drainage\Ponds					
	DPND	Linear	Break Line	DR_PP_DetentionPond	DetentionPond
	DPNDB	Linear	Break Line	DR_PP_DetentionPondBottom	DetentionPondBottom
	SPG	Linear	Break Line	DR_PP_Spring	Spring
Drainage\Structures					
	AI	Point	Spot	DR_ST_AreaInlet	AreaInlet
	BCUL	Linear	Do Not Include	DR_ST_BoxCulvert	BoxCulvert
	CB	Point	Spot	DR_PP_CatchBasinFlowLine1	CatchBasin
	CI	Point	Spot	DR_ST_ConcreteInlet	ConcreteInlet
	CMI	Point	Spot	DR_ST_CastMetalInlet	CastMetalInlet
	DI	Point	Spot	DR_ST_DropInlet	DropInlet
	DW	Point	Do Not Include	DR_ST_DryWell	DryWell
	GI	Point	Spot	DR_ST_GrateInlet	GrateInlet
	HDWB	Linear	Break Line	DR_ST_HeadWallBottom	HeadWallBottom
	HDWT	Linear	Break Line	DR_ST_HeadWallTop	HeadWallTop
	INL	Point	Spot	DR_ST_InletGeneric	InletGeneric
	INLS	Linear	Break Line	DR_ST_InletSlotted	InletSlotted
	MH	Point	Do Not Include	DR_ST_ManholeConnectionRegion	Manhole

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Drainage\Structures					
	STMCO	Point	Do Not Include	DR_ST_StormSewerCleanOut	StormSewerCleanOut
	WWB	Linear	Break Line	DR_ST_WingWallBottom	WingWallBottom
	WWT	Linear	Break Line	DR_ST_WingWallTop	WingWallTop
Environmental\Erosion Control					
	CSA	Linear	Do Not Include	EV_EC_ContractorSensitiveArea	ContractorSensitiveArea
Environmental\HEC_RAS					
	LB	Linear	Break Line	EV_HR_LeftBank	LeftBank
	LOB	Linear	Do Not Include	EV_HR_LeftOverBank	LeftOverBank
	RB	Linear	Break Line	EV_HR_RightBank	RightBank
	ROB	Linear	Do Not Include	EV_HR_RightOverBank	RightOverBank
Environmental\Irrigation					
	ENVDIT	Linear	Break Line	EV_WE_DitchLineNonJurisdictional	Ditch
	IBX	Point	Do Not Include	EV_IR_Box	Box
	IM	Point	Spot	EV_IR_Meter	Meter
	IRSH	Point	Do Not Include	EV_IR_SprinklerHeadFull	SprinklerHeadFull
	IRV	Point	Do Not Include	EV_IR_Valve	Valve
	VGATE	Point	Do Not Include	EV_IR_ValveGate	ValveGate
Environmental\Landscape					
	FURN	Linear	Do Not Include	EV_LS_Furnishings	Furnishings
	LWM	Linear	Break Line	EV_LS_LargeWoodyMaterial	LargeWoodyMaterial
	TRTBR	Point	Spot	EV_LS_TreeToBeRemoved	TreeToBeRemoved
Environmental\River Hydraulics					
	RHA	Point	Do Not Include	EV_RH_Anchor	Anchor
	SSLBRK	Linear	Break Line	EV_RH_StreamSlopeBreak	StreamSlopeBreak
Environmental\Wetlands					
	BIOF	Linear	Break Line	EV_WE_BiofiltrationSwale	BiofiltrationSwale

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Environmental\Wetlands					
	OHWF	Point	Do Not Include	EV_WE_WaterLineOrdinaryHighFlag	WaterLineOrdinaryHighFlag
	SOILP	Point	Spot	TE_PT_SoilPit	SoilPit
	WLF	Point	Spot	EV_WE_WetlandFlag	Flag
	WLSF	Point	Do Not Include	EV_WE_WetlandSampleFlag	WetlandSampleFlag
Right of Way\Boundaries					
	ROWM	Point	Do Not Include	RW_BD_RWMarker	RWMarker
	ROWMC	Point	Do Not Include	RW_BD_RWMarkerCalcd	RWMarkerCalcd
	ROWMF	Point	Do Not Include	RW_BD_RWMarkerFound	RWMarkerFound
	ROWMNF	Point	Do Not Include	RW_BD_RWMarkerNotFound	RWMarkerNotFound
Right of Way\Parcels					
	FC	Point	Do Not Include	RW_PA_FenceCorner	FenceCorner
Roadway\Barrier					
	BA	Linear	Do Not Include	RD_BR_BarrierCenter	BarrierCenter
	BACT	Linear	Break Line	RD_BR_BarrierCenterTemporary	BarrierCenterTemporary
	BAT	Linear	Do Not Include	RD_BR_BarrierTopNew	BarrierTop
	BF	Linear	Break Line	RD_BR_BarrierFace	BarrierFace
	BOL	Point	Do Not Include	ST_GD_BollardNew	Bollard
	CBAR	Linear	Do Not Include	RD_BR_CableBarrier3D	CableBarrier
	FE, FEBD	Linear	Do Not Include	EV_EC_FenceHighVisConstNew	Fence
	GATE	Point	Spot	EV_IR_ValveGate	Gate
	GATES	Point	Spot	RD_BR_GateSingle	GateSingle
	GP	Point	Do Not Include	RD_BR_GuidePost	GuidePost
	GR, GRBD	Linear	Do Not Include	RD_BR_Guardrail	Guardrail
	GRA	Point	Spot	RD_BR_GuardrailAnchor	GuardrailAnchor
	IA	Point	Do Not Include	RD_BR_ImpactAttenuator	ImpactAttenuator
Roadway\Berm					

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Roadway\Berm					
	ABRM	Linear	Break Line	RD_BM_AsphaltBerm	AsphaltBerm
	NB	Linear	Break Line	RD_BM_NoiseBerm	NoiseBerm
Roadway\Curb-Gutter-Sidewalk					
	AC	Linear	Break Line	RD_CG_CurbAsphaltFace	CurbAsphaltFace
	CBB	Linear	Break Line	RD_CG_CurbBackNew	CurbBack
	CBT	Linear	Break Line	RD_CG_CurbTop	CurbTop
	CF	Linear	Break Line	RD_CG_CurbFace	CurbFace
	CFTI	Linear	Break Line	RD_CG_CurbTrafficIslandFace	CurbTrafficIslandFace
	CGF	Linear	Break Line	RD_CG_CurbAndGutter	CurbAndGutter
	DWS	Linear	Break Line	RD_CG_DetectableWarningSurface	DetectableWarningSurface
	GF	Linear	Break Line	RD_CG_GutterFace	GutterFace
	JNT	Linear	Break Line	RD_CG_Joint	Joint
	SW	Linear	Break Line	RD_CG_SidewalkBackNew	Sidewalk
	SWB	Linear	Break Line	RD_CG_SidewalkBackNew	SidewalkBack
	SWF	Linear	Break Line	RD_CG_SidewalkFaceBottomNew	SidewalkFace
	SWR	Linear	Break Line	RD_CG_SidewalkRamp	SidewalkRamp
	WC	Linear	Break Line	RD_CG_CurbWoodenFace	CurbWoodenFace
Roadway\Edges					
	APB	Linear	Break Line	RD_ED_AsphaltPvmntBreak	AsphaltPvmntBreak
	BIKEE	Linear	Break Line	RD_ED_BikePathEdge	BikePathEdge
	CPB	Linear	Break Line	RD_ED_ConcretePvmntBreak	ConcretePvmntBreak
	CR	Linear	Break Line	RD_ED_CrownofRoad	CrownofRoad
	CUTB	Linear	Break Line	RD_ED_CutBottom	CutBottom
	CUTT	Linear	Break Line	RD_ED_CutTop	CutTop
	EBST	Linear	Break Line	RD_ED_ShoulderBSTEdge	ShoulderBSTEdge

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Roadway\Edges					
	EDW	Linear	Break Line	RD_ED_DrivewayEdge	DrivewayEdge
	EGDW	Linear	Break Line	RD_ED_DrivewayGravelEdgeNew	DrivewayGravelEdge
	EGS	Linear	Break Line	RD_ED_ShoulderGravelEdge	ShoulderGravelEdge
	EPDW	Linear	Break Line	RD_ED_DrivewayPavedEdgeNew	DrivewayPavedEdge
	EPS	Linear	Break Line	RD_ED_ShoulderPavedEdge	ShoulderPavedEdge
	FT	Linear	Break Line	RD_ED_FillToe	FillToe
	FTOP	Linear	Break Line	RD_ED_FillTop	FillTop
	LIMITM	Linear	Break Line	RD_ED_MeasurementLimit	MeasurementLimit
	PATH	Linear	Break Line	RD_ED_PedPathEdge	PedPathEdge
	ROADEGG	Linear	Break Line	RD_ED_GenericEdgeGravel	GenericEdgeGravel
	SAW	Linear	Break Line	RD_ED_Sawcut	Sawcut
	SF	Linear	Do Not Include	RD_ED_StressFracture	StressFracture
Roadway\Markings\Striping					
	BL	Linear	Break Line	RD_MK_LineBarrier	LineBarrier
	CWL	Linear	Do Not Include	RD_MK_LineCrosswalkBar10FtLane	LineCrosswalk
	DEL	Linear	Break Line	RD_MK_LineDottedExtension	LineDottedExtension
	DLL	Linear	Break Line	RD_MK_LineDropLane	LineDropLane
	DLNE	Linear	Break Line	RD_MK_LineDbllLane	LineDbllLane
	DWL	Linear	Break Line	RD_MK_LineDottedWide	LineDottedWide
	DY	Linear	Break Line	RD_MK_LineDbllYellowCenter	LineDbllYellowCenter
	EL	Linear	Break Line	RD_MK_LineEdgeWhite	LineEdgeWhite
	ELY	Linear	Break Line	RD_MK_LineEdgeYellow	LineEdgeYellow
	LL	Linear	Break Line	RD_MK_LineLaneRAstrong	LineLane
	NPL	Linear	Break Line	RD_MK_LineNoPass	LineNoPass
	RLL	Linear	Break Line	RD_MK_LineReversibleLane	LineReversibleLane

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Roadway\Markings\Striping					
	RPML	Linear	Break Line	RD_MK_LineRPMSkip	LineRPMSkip
	RPMLS	Linear	Break Line	RD_MK_LineRPMSolid	LineRPMSolid
	SCL	Linear	Break Line	RD_MK_LineSkipCenter	LineSkipCenter
	SL	Linear	Do Not Include	RD_MK_LineStop	LineStop
	TWLT	Linear	Break Line	RD_MK_LineTwoWayLTTurn	LineTwoWayLTTurn
	WL	Linear	Break Line	RD_MK_LineWideDottedLaneNew	LineWide
	WLS	Linear	Break Line	RD_MK_LineSkipWide	LineSkipWide
Roadway\Markings\Symbols					
	RRS	Point	Do Not Include	RD_MK_RRSymb	RRSymb
	RRSA	Point	Do Not Include	RD_MK_RRSymbAlt	RRSymbAlt
	SHARROW	Point	Do Not Include	RD_MK_SharedLaneSymbNew	SharedLaneSymb
	TAa	Point	Do Not Include	RD_MK_TrafficArrowType1S	TrafficArrowType1
	TABS	Point	Do Not Include	RD_MK_TrafficArrowType5S	TrafficArrowType5S
	TAbSL	Point	Do Not Include	RD_MK_TrafficArrowType2SL	TrafficArrowType2SL
	TAbSR	Point	Do Not Include	RD_MK_TrafficArrowType2SR	TrafficArrowType2SR
	TAcL	Point	Do Not Include	RD_MK_TrafficArrowType3L	TrafficArrowType3L
	TAcR	Point	Do Not Include	RD_MK_TrafficArrowType3R	TrafficArrowType3R
	TAdS	Point	Do Not Include	RD_MK_TrafficArrowType4S	TrafficArrowType4S
	TAe	Point	Do Not Include	RD_MK_TrafficArrowType5	TrafficArrowType5
	TAfSL	Point	Do Not Include	RD_MK_TrafficArrowType6SL	TrafficArrowType6SL
	TAfSR	Point	Do Not Include	RD_MK_TrafficArrowType6SR	TrafficArrowType6SR
	TAg	Point	Do Not Include	RD_MK_TrafficArrowType7S	TrafficArrowType7
	TAL	Point	Do Not Include	RD_MK_TrafficArrowType2L	TrafficArrowType2L
	TALF	Point	Do Not Include	RD_MK_TrafficArrowType6L	TrafficArrowType6L
	TALR	Point	Do Not Include	RD_MK_TrafficArrowType4	TrafficArrowType4

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Roadway\Markings\Symbols					
	TALRS	Point	Do Not Include	RD_MK_TrafficArrowType7S	TrafficArrowType7S
	TALS	Point	Do Not Include	RD_MK_TrafficArrowType3SL	TrafficArrowType3SL
	TAR	Point	Do Not Include	RD_MK_TrafficArrowType2R	TrafficArrowType2R
	TARAL	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC	TrafficArrowRATypeL
	TARALC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC	TrafficArrowRATypeLC
	TARALR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLR	TrafficArrowRATypeLR
	TARALRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLRC	TrafficArrowRATypeLRC
	TARALT	Point	Do Not Include	RD_MK_TrafficArrowRATypeLT	TrafficArrowRATypeLT
	TARALTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTC	TrafficArrowRATypeLTC
	TARALTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTR	TrafficArrowRATypeLTR
	TARALTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTRC	TrafficArrowRATypeLTRC
	TARAT	Point	Do Not Include	RD_MK_TrafficArrowRATypeT	TrafficArrowRATypeT
	TARATC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTC	TrafficArrowRATypeTC
	TARATR	Point	Do Not Include	RD_MK_TrafficArrowRATypeTR	TrafficArrowRATypeTR
	TARATRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTRC	TrafficArrowRATypeTRC
	TARF	Point	Do Not Include	RD_MK_TrafficArrowType6R	TrafficArrowType6R
	TARS	Point	Do Not Include	RD_MK_TrafficArrowType3SR	TrafficArrowType3SR
	TAS	Point	Do Not Include	RD_MK_TrafficArrowType1S	TrafficArrowType1S
	YAHDa	Point	Do Not Include	RD_MK_YieldAheadSymbType1	YieldAheadSymbType1
	YAHDb	Point	Do Not Include	RD_MK_YieldAheadSymbType2	YieldAheadSymbType2
	YLDa	Point	Do Not Include	RD_MK_YieldSymbType1	YieldSymbType1
	YLDb	Point	Do Not Include	RD_MK_YieldSymbType2	YieldSymbType2
Structures\Bridges					
	BAS	Linear	Break Line	ST_BG_BridgeApproachSlab	BridgeApproachSlab
	BPS	Linear	Break Line	ST_BG_BackofPvmntSeat	BackofPvmntSeat

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Structures\Bridges					
	BRAIL	Linear	Do Not Include	ST_BG_BridgeRail	BridgeRail
	BRDKS	Point	Do Not Include	ST_BG_BridgeDeckSelective	BridgeDeckSelective
	BREJ	Linear	Do Not Include	ST_BG_BridgeExpansionJoint	BridgeExpansionJoint
	BRF	Linear	Do Not Include	ST_BG_BridgeFooting	BridgeFooting
	BRGPIL	Linear	Do Not Include	ST_BG_BridgePile	BridgePile
	BRGRD	Linear	Do Not Include	ST_BG_BridgeGirder	BridgeGirder
	BRGSHFT	Linear	Do Not Include	ST_BG_BridgeShaft	BridgeShaft
	BRP	Linear	Do Not Include	ST_BG_BridgePier	BridgePier
Structures\Tunnels					
	TUN	Linear	Do Not Include	RD_ED_PvmntBreakTunnel	Tunnel
Structures\Walls					
	GBW	Linear	Break Line	ST_WA_GabionWall	GabionWall
	GBWB	Linear	Break Line	ST_WA_GabionWallBottom	GabionWallBottom
	GBWT	Linear	Break Line	ST_WA_GabionWallTop	GabionWallTop
	NWB	Linear	Break Line	ST_WA_NoiseWallBottomNew	NoiseWallBottom
	NWT	Linear	Break Line	ST_WA_NoiseWallTopNew	NoiseWallTop
	RWB	Linear	Break Line	ST_WA_RetainingWallBottomNew	RetainingWallBottom
	RWT	Linear	Break Line	ST_WA_RetainingWallTopNew	RetainingWallTop
Terrain\Existing					
	BKL	Linear	Break Line	TE_NW_BreaklineNew	Breakline
	SE	Point	Spot	TE_EX_SpotElevation	SpotElevation
Terrain\Points					
	CHECK	Point	Do Not Include	TE_PT_DTMCheck	DTMCheck
	LIDA	Point	Spot	TE_PT_LIDARAirborne	LIDARAirborne
	LIDT	Point	Spot	TE_PT_LIDARTerrestrial	LIDARTerrestrial
Topography\Manmade					

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Topography\Manmade					
	ARUC	Linear	Do Not Include	TP_MM_AreaUnderConstr	AreaUnderConstr
	BENCH	Linear	Break Line	RD_ED_BenchNew	Bench
	BH	Point	Do Not Include	TP_MM_BoreHoleOrDrillHole	BoreHoleOrDrillHole
	BU	Linear	Do Not Include	TP_MM_BldgNotClosed	BuildingNotClosed
	BUCDNC	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed	BuildingUnderConst
	BUCINT	Linear	Do Not Include	TP_MM_BldgUnderConstClosed	BuildingUnderConstClosed
	BUDNC	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed	Building
	BUINT	Linear	Do Not Include	TP_MM_BldgClosed	BuildingClosed
	BUR	Linear	Do Not Include	TP_MM_BldgRoof	BuildingRoof
	C	Point	Spot	TP_MM_ConcreteSelective	Concreteselective
	CSP	Linear	Break Line	TP_MM_ConcreteSlopeProtection	ConcreteSlopeProtection
	DAM	Linear	Break Line	EV_EC_CheckDamBioNew	Dam
	DECK	Linear	Do Not Include	ST_BG_BridgeDeckLimits	Deck
	DIKE	Linear	Break Line	EV_EC_InterceptorDikeNew	Dike
	DOCK	Linear	Do Not Include	TP_MM_Dock	Dock
	DTIE	Linear	Do Not Include	TP_MM_DistanceTie	DistanceTie
	FNDN	Linear	Do Not Include	TP_MM_Foundation	Foundation
	FPOLE	Point	Do Not Include	TP_MM_FlagPole	FlagPole
	GPA	Linear	Break Line	TP_MM_GravelParkingArea	GravelParkingArea
	GTANK	Point	Do Not Include	TP_MM_GasTank	GasTank
	HDG, HDGB	Linear	Do Not Include	RD_ED_BikePathEdge	Hedge
	HNDRAIL	Linear	Do Not Include	TP_MM_HandRail	HandRail
	L	Point	Do Not Include	TP_MM_YardLight	YardLight
	MB	Point	Do Not Include	TP_MM_MailBox	MailBox
	MWEL	Point	Spot	TP_MM_MonitorWell	MonitorWell

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Topography\Manmade					
	OTANK	Point	Do Not Include	TP_MM_OilTank	OilTank
	P	Point	Spot	TP_MM_PvmntSelective	Pvmntselective
	PAR	Linear	Break Line	RD_ED_PavedAreaNew	PavedArea
	PATIO	Linear	Do Not Include	EV_LS_SoilDecompationArea	Patio
	PILE	Point	Do Not Include	TP_MM_Piling	Piling
	PIPE	Linear	Do Not Include	SF_TC_PipeZoneBackfill	Pipe
	PM	Point	Do Not Include	TP_MM_ParkingMeter	ParkingMeter
	POSTM	Point	Do Not Include	TP_MM_PostMetal	PostMetal
	POSTW	Point	Do Not Include	TP_MM_PostWood	PostWood
	PPA	Linear	Break Line	RD_ED_PavedParkingAreaNew	PavedParkingArea
	RESV	Linear	Break Line	TP_MM_Reservoir	Reservoir
	RIP	Linear	Break Line	TP_MM_RipRapEdge	RipRapEdge
	RR, RRBD	Linear	Do Not Include	TP_MM_RRCenterTracks	RRCenterTracks
	RRT	Linear	Do Not Include	TP_MM_RRRailTop	RRRailTop
	SLAB	Linear	Break Line	TP_MM_ConcreteSlab	ConcreteSlab
	SPB	Linear	Break Line	TP_MM_StockpileBottom	StockpileBottom
	SPT	Linear	Break Line	TP_MM_StockpileTop	StockpileTop
	STAIR	Linear	Do Not Include	TP_MM_Stair	Stair
	TANK	Point	Do Not Include	TP_MM_GasTank	Tank
	TRAIL	Linear	Break Line	AL_RW_CLineTrail	Trail
	UOBJM	Linear	Do Not Include	TP_MM_UnknownLinearObject	UnknownLinearObject
	UOBJM	Point	Do Not Include	TP_MM_UnknownObject	UnknownObject
	WEIR	Linear	Break Line	TP_MM>Weir	Weir
	WELL	Point	Do Not Include	TP_MM_MonitorWell	Well
	WTANK	Point	Do Not Include	TP_MM_WaterTank	WaterTank

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Topography\Natural					
	APP	Linear	Void	TP_NT_PartiallyObscureArea	PartiallyObscureArea
	BB	Linear	Break Line	TP_NT_BankBottom	BankBottom
	BRSB	Linear	Do Not Include	TP_NT_BrushLine	BrushLine
	BT	Linear	Break Line	TP_NT_BankTop	BankTop
	CHB	Linear	Break Line	TP_NT_ChannelBreakline	ChannelBreakline
	EW	Linear	Break Line	TP_NT_LargeBodyofWaterEdge	LargeBodyofWaterEdge
	G	Point	Spot	TP_NT_GroundSelective	Groundselective
	LAKE	Linear	Break Line	TP_NT_LakeEdge	LakeEdge
	LOG	Linear	Do Not Include	TP_NT_Log	Log
	NOB	Linear	Do Not Include	TP_NT_Obstruction	Obstruction
	NS, NSL	Linear	Spot And Break	TP_NT_NonStandard	NonStandard
	OBS	Linear	Void	TP_NT_ObscureArea	ObscureArea
	POND	Linear	Contour	TP_NT_PondEdge	PondEdge
	PONDB	Linear	Contour	TP_NT_PondBottom	PondBottom
	RIV	Linear	Break Line	TP_NT_RiverEdge	RiverEdge
	ROCK	Point	Spot	TP_NT_RockLine	Rock
	ROCKL	Linear	Break Line	TP_NT_RockLine	RockLine
	SN	Point	Spot	TP_NT_Sounding	Sounding
	T, TBD	Point	Do Not Include	TP_NT_TreeByCenter	TreeByCenter
	TBDE	Point	Do Not Include	TP_NT_TreeByEdge	TreeByEdge
	TH	Linear	Break Line	TP_NT_Thalweg	Thalweg
	TL	Linear	Do Not Include	TP_NT_TreeLine	TreeLine
	TPL	Linear	Break Line	TP_NT_TopographyLimit	TopographyLimit
	TPLC	Linear	Boundary	TP_NT_TopographyLimitClosed	TopographyLimitClosed
	WE	Linear	Break Line	EV_WE_WaterEdgeStream	WaterEdge

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Traffic\Illumination					
	ESBI	Point	Do Not Include	TR_IL_ElectricalServiceCab	ElectricalServiceCab
	LPOLE	Point	Do Not Include	TR_IL_LightPole	LightPole
	NAV	Point	Do Not Include	TR_IL_NavigationLight	NavigationLight
Traffic\Illumination\Boxes					
	JB	Point	Do Not Include	TR_IL_JBoxUnknown	JBoxUnknown
Traffic\Signals					
	FLBCN	Point	Do Not Include	TR_SG_FlashingBeacon	FlashingBeacon
	MSTAS	Point	Do Not Include	TR_SG_MastArmSign	MastArmSign
	SCAB	Point	Do Not Include	TR_SG_ElectServiceCabinet	ElectServiceCabinet
	UCP	Point	Do Not Include	TR_SG_UtilityCompanyPedestal	UtilityCompanyPedestal
Traffic\Signals\Detection Loops					
	TSL	Point	Do Not Include	TR_SG_SignalLoopUnknown	SignalLoopUnknown
Traffic\Signals\Pedestrian					
	PBBP	Point	Do Not Include	TR_SG_PedPushButtonPost	PedPushButtonPost
	PBUT	Point	Do Not Include	TR_SG_PedPushButton	PedPushButton
Traffic\Signals\Ramp-Signal					
	RMSG	Point	Do Not Include	TR_SG_RampMeterSignal	RampMeterSignal
	RMSG_L	Point	Do Not Include	TR_SG_RampMeterSignalLT	RampMeterSignalLT
	RMSG_R	Point	Do Not Include	TR_SG_RampMeterSignalRT	RampMeterSignalRT
	SGP	Point	Do Not Include	TR_SG_SignalPoleUnknown	SignalPoleUnknown
	SH	Point	Do Not Include	SH_TI_DbISignalHeadDetail	SignalHead
Traffic\Signing					
	BARRC	Linear	Do Not Include	TR_SN_Barricade	Barricade
	BBMP	Point	Do Not Include	TR_SN_SignBBoardMultiPost	SignBBoardMultiPost
	BBSP	Point	Do Not Include	TR_SN_SignBBoardSnglPost	SignBBoardSnglPost
	MNCTL	Point	Do Not Include	TR_SN_MonotubeCantilever	MonotubeCantilever

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Traffic\Signing					
	OVRSGN	Point	Do Not Include	TR_SN_OverheadSign	OverheadSign
	SIGN	Point	Do Not Include	SH_GI_TitleBlockTagText_Design	Sign
	SIGNb	Point	Do Not Include	TR_SN_SignDbIPost	SignDblePost
	SIGNc	Point	Do Not Include	TR_SN_SignTriplePost	SignTriplePost
	SIGNd	Point	Do Not Include	TR_SN_SignFourPost	SignFourPost
	TRCAN	Point	Do Not Include	TR_SN_TrussCantilever	TrussCantilever
	TRSGBG	Point	Do Not Include	TR_SN_TrussSignBridge	TrussSignBridge
Traffic\Traffic Systems					
	ADVWS	Point	Do Not Include	TR_TS_AdvancedWarningSign	AdvancedWarningSign
	ATMCC	Point	Do Not Include	TR_TS_ATMControlCabinet	ATMControlCabinet
	CAM	Point	Do Not Include	TR_TS_CCTVCamera	CCTVCamera
	CBLV	Point	Do Not Include	TR_TS_CableVault	CableVault
	POWPAN	Point	Do Not Include	TR_TS_PowerPanel	PowerPanel
	PTRC	Point	Do Not Include	TR_TS_PermTrafficRecorderCab	PermTrafficRecorderCab
	TLRTSN	Point	Do Not Include	TR_TS_TollRateSign	TollRateSign
	TOLLCAB	Point	Do Not Include	TR_TS_TollCabinet	TollCabinet
	TRFCB	Point	Do Not Include	TR_TS_TransformerCabinet	TransformerCabinet
	TTCAB	Point	Do Not Include	TR_TS_FiberTerminalCabinet	TerminalCabinet
	TVCB	Point	Do Not Include	TR_TS_CCTVControlCabinet	CCTVControlCabinet
Utilities\Communication					
	CMPED	Point	Spot	UT_CM_3DBtm-CommunicationPedestal	CommunicationPedestal
	COMANT	Point	Do Not Include	UT_CM_CommunicationAntenna	CommunicationAntenna
	MHT	Point	Do Not Include	UT_CM_TelephoneManhole	TelephoneManhole
	OCAB	Linear	Do Not Include	UT_CM_AbvGndCableTV	AbvGndCableTV
	OCL	Linear	Do Not Include	UT_CM_AbvGndCommLine	AbvGndCommLine

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Utilities\Communication					
	OOFC	Linear	Do Not Include	UT_CM_AbvGndFiberOpticCable	AbvGndFiberOpticCable
	OTEL	Linear	Do Not Include	UT_CM_AbvGndTelephoneLine	AbvGndTelephoneLine
	TBTH	Point	Do Not Include	UT_CM_TelephoneBooth	TelephoneBooth
	TBX	Point	Do Not Include	UT_CM_TelephoneBox	TelephoneBox
	TP	Point	Do Not Include	UT_CM_TelephonePole	TelephonePole
	UCAB	Linear	Do Not Include	UT_CM_UndGndCableTV	UndGndCableTV
	UCB	Point	Do Not Include	UT_CM_UndGndCableBox	UndGndCableBox
	UCL	Linear	Do Not Include	UT_CM_UndGndCommLine	UndGndCommLine
	UOFC	Linear	Do Not Include	UT_CM_UndGndFiberOptic	UndGndFiberOptic
	UPD	Point	Do Not Include	UT_CM_UnknownPedestal	UnknownPedestal
	UTB	Point	Do Not Include	UT_CM_UndGndTelephoneBox	UndGndTelephoneBox
	UTEL	Linear	Do Not Include	UT_CM_UndGndTelephoneCable	UndGndTelephoneCable
	VAULTC	Point	Do Not Include	UT_CM_UndGndCommunicationVault	UndGndCommunicationVault
Utilities\Gas					
	GAS	Linear	Do Not Include	UT_GS_GasLine	GasLine
	GMB	Point	Do Not Include	UT_GS_GasMeterBox	GasMeterBox
	OIL	Linear	Do Not Include	UT_GS_OilLine	OilLine
Utilities\General Utility Items					
	CTRS	Point	Do Not Include	UT_GU_CenterOfStructure	CenterOfStructure
	DGA	Point	Do Not Include	UT_GU_DownGuyAnchor	DownGuyAnchor
	GUYL	Linear	Do Not Include	UT_GU_GuyWire	GuyWire
	GUYP	Point	Do Not Include	UT_GU_GuyPole	GuyPole
	MHGU	Point	Do Not Include	UT_GU_UtilityManhole	UtilityManhole
	OULINE	Linear	Do Not Include	UT_GU_AboveGroundUtilityLine	AboveGroundUtilityLine
	OUPPT	Point	Do Not Include	UT_GU_AboveGroundUtilityPoint	AboveGroundUtilityPoint

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Utilities\General Utility Items					
	PH	Point	Do Not Include	UT_GU_PotholeLocation	PotholeLocation
	UBX	Point	Do Not Include	UT_GU_UtilityBox	UtilityBox
	UMP	Point	Do Not Include	UT_GU_UtilityMarkerPost	UtilityMarkerPost
	UP	Point	Do Not Include	UT_GU_UtilityPole	UtilityPole
	VAULT	Point	Do Not Include	UT_GU_UtilityVault	UtilityVault
	VB	Point	Do Not Include	UT_GS_ValveBoxGas	Valvebox
	VENT	Point	Do Not Include	EV_WE_BndryWetlandInventoryNew	Vent
Utilities\Multiple Types					
	OU	Linear	Do Not Include	UT_MT_AbvGndUtilitiesMulti	AbvGndUtilitiesMulti
	UUM	Linear	Do Not Include	UT_MT_UndGndUtilitiesMulti	UndGndUtilitiesMulti
Utilities\Power					
	EB	Point	Do Not Include	UT_PW_ElectBox	ElectBox
	GROD	Point	Do Not Include	UT_PW_GroundRod	GroundRod
	MHPW	Point	Do Not Include	UT_PW_PowerManhole	PowerManhole
	OHTP	Linear	Do Not Include	UT_PW_AbvGndHiTensPowerLine	AbvGndHiTensPowerLine
	OPOW	Linear	Do Not Include	UT_PW_AbvGndPower	AbvGndPower
	PBX	Point	Do Not Include	UT_PW_PowerBox	PowerBox
	PMB	Point	Do Not Include	UT_PW_PowerMeterBox	PowerMeterBox
	PP	Point	Do Not Include	UT_PW_PowerPole	PowerPole
	STMCON	Linear	Do Not Include	UT_PW_SteamConduit	SteamConduit
	VAULTPW	Point	Do Not Include	UT_PW_UndGndPowerVault	UndGndPowerVault
Utilities\Sanitary Sewer					
	DFLD	Linear	Do Not Include	UT_SS_Drainfield	Drainfield
	MHSS	Point	Do Not Include	UT_SS_SanSewerManhole	SanSewerManhole
	SEW	Linear	Do Not Include	UT_SS_SanSewerLine	SanSewerLine

S2.02 Survey Field Codes by Path/Category

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by path\category. The paths may includes sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

<i>Path\Category</i>	<i>Alpha Code</i>	<i>Point/Line</i>	<i>Terrain Attribute</i>	<i>Level</i>	<i>Description</i>
Utilities\Sanitary Sewer					
	SSCO	Point	Do Not Include	UT_SS_SanSewerCleanOut	SanSewerCleanOut
	SSFLP	Point	Do Not Include	UT_SS_FlowlinePoint	FlowlinePoint
Utilities\Water					
	FDCP	Point	Do Not Include	UT_WT_FireDeptConnPost	FireDeptConnPost
	FDCW	Point	Do Not Include	UT_WT_FireDeptConnWall	FireDeptConnWall
	FH	Point	Do Not Include	UT_WT_FireHydrant	FireHydrant
	MHW	Point	Do Not Include	UT_WT_WaterManhole	WaterManhole
	VAULTW	Point	Do Not Include	UT_WT_UndGndWaterVault	UndGndWaterVault
	WAT	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew	WaterLine
	WMB	Point	Do Not Include	UT_WT_WaterMeterBox	WaterMeterBox

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
ABRM	Roadway\Berm	AsphaltBerm	Linear	Break Line	RD_BM_AsphaltBerm
AC	Roadway\Curb-Gutter-Sidewalk	CurbAsphaltFace	Linear	Break Line	RD_CG_CurbAsphaltFace
AD	Drainage\Ditches	AsphaltDitch	Linear	Break Line	DR_PP_AsphaltDitch
ADVWS	Traffic\Traffic Systems	AdvancedWarningSign	Point	Do Not Include	TR_TS_AdvancedWarningSign
AI	Drainage\Structures	AreaInlet	Point	Spot	DR_ST_AreaInlet
APB	Roadway\Edges	AsphaltPvmntBreak	Linear	Break Line	RD_ED_AsphaltPvmntBreak
APP	Topography\Natural	PartiallyObscureArea	Linear	Void	TP_NT_PartiallyObscureArea
ARUC	Topography\Manmade	AreaUnderConstr	Linear	Do Not Include	TP_MM_AreaUnderConstr
ATMCC	Traffic\Traffic Systems	ATMControlCabinet	Point	Do Not Include	TR_TS_ATMControlCabinet
BA	Roadway\Barrier	BarrierCenter	Linear	Do Not Include	RD_BR_BarrierCenter
BACT	Roadway\Barrier	BarrierCenterTemporary	Linear	Break Line	RD_BR_BarrierCenterTemporary
BARRC	Traffic\Signing	Barricade	Linear	Do Not Include	TR_SN_Barricade
BAS	Structures\Bridges	BridgeApproachSlab	Linear	Break Line	ST_BG_BridgeApproachSlab
BAT	Roadway\Barrier	BarrierTop	Linear	Do Not Include	RD_BR_BarrierTopNew
BB	Topography\Natural	BankBottom	Linear	Break Line	TP_NT_BankBottom
BBMP	Traffic\Signing	SignBBoardMultiPost	Point	Do Not Include	TR_SN_SignBBoardMultiPost
BBSP	Traffic\Signing	SignBBoardSnglPost	Point	Do Not Include	TR_SN_SignBBoardSnglPost
BCUL	Drainage\Structures	BoxCulvert	Linear	Do Not Include	DR_ST_BoxCulvert
BENCH	Topography\Manmade	Bench	Linear	Break Line	RD_ED_BenchNew
BF	Roadway\Barrier	BarrierFace	Linear	Break Line	RD_BR_BarrierFace
BH	Topography\Manmade	BoreHoleOrDrillHole	Point	Do Not Include	TP_MM_BoreHoleOrDrillHole
BIKEE	Roadway\Edges	BikePathEdge	Linear	Break Line	RD_ED_BikePathEdge
BIOF	Environmental\Wetlands	BiofiltrationSwale	Linear	Break Line	EV_WE_BiofiltrationSwale
BKL	Terrain\Existing	Breakline	Linear	Break Line	TE_NW_BreaklineNew
BL	Roadway\Markings\Striping	LineBarrier	Linear	Break Line	RD_MK_LineBarrier

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
BOL	Roadway\Barrier	Bollard	Point	Do Not Include	ST_GD_BollardNew
BPS	Structures\Bridges	BackofPvmntSeat	Linear	Break Line	ST_BG_BackofPvmntSeat
BRAIL	Structures\Bridges	BridgeRail	Linear	Do Not Include	ST_BG_BridgeRail
BRDKS	Structures\Bridges	BridgeDeckSelective	Point	Do Not Include	ST_BG_BridgeDeckSelective
BREJ	Structures\Bridges	BridgeExpansionJoint	Linear	Do Not Include	ST_BG_BridgeExpansionJoint
BRF	Structures\Bridges	BridgeFooting	Linear	Do Not Include	ST_BG_BridgeFooting
BRGPIL	Structures\Bridges	BridgePile	Linear	Do Not Include	ST_BG_BridgePile
BRGRD	Structures\Bridges	BridgeGirder	Linear	Do Not Include	ST_BG_BridgeGirder
BRGSHFT	Structures\Bridges	BridgeShaft	Linear	Do Not Include	ST_BG_BridgeShaft
BRP	Structures\Bridges	BridgePier	Linear	Do Not Include	ST_BG_BridgePier
BRSH	Topography\Natural	BrushLine	Linear	Do Not Include	TP_NT_BrushLine
BT	Topography\Natural	BankTop	Linear	Break Line	TP_NT_BankTop
BU	Topography\Manmade	BuildingNotClosed	Linear	Do Not Include	TP_MM_BldgNotClosed
BUCDNC	Topography\Manmade	BuildingUnderConst	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed
BUCINT	Topography\Manmade	BuildingUnderConstClosed	Linear	Do Not Include	TP_MM_BldgUnderConstClosed
BUDNC	Topography\Manmade	Building	Linear	Do Not Include	TP_MM_BldgUnderConstNotClosed
BUINT	Topography\Manmade	BuildingClosed	Linear	Do Not Include	TP_MM_BldgClosed
BUR	Topography\Manmade	BuildingRoof	Linear	Do Not Include	TP_MM_BldgRoof
C	Topography\Manmade	Concreteselective	Point	Spot	TP_MM_ConcreteSelective
CAM	Traffic\Traffic Systems	CCTVCamera	Point	Do Not Include	TR_TS_CCTVCamera
CB	Drainage\Structures	CatchBasin	Point	Spot	DR_PP_CatchBasinFlowLine1
CB1FL	Drainage\Points	CatchBasinFlowLine1	Point	Do Not Include	DR_PP_CatchBasinFlowLine1
CB2FL	Drainage\Points	CatchBasinFlowLine2	Point	Do Not Include	DR_PP_CatchBasinFlowLine2
CB3FL	Drainage\Points	CatchBasinFlowLine3	Point	Do Not Include	DR_PP_CatchBasinFlowLine3
CB4FL	Drainage\Points	CatchBasinFlowLine4	Point	Do Not Include	DR_PP_CatchBasinFlowLine4

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
CB5FL	Drainage\Points	CatchBasinFlowLine5	Point	Do Not Include	DR_PP_CatchBasinFlowLine5
CB6FL	Drainage\Points	CatchBasinFlowLine6	Point	Do Not Include	DR_PP_CatchBasinFlowLine6
CB7FL	Drainage\Points	CatchBasinFlowLine7	Point	Do Not Include	DR_PP_CatchBasinFlowLine7
CB8FL	Drainage\Points	CatchBasinFlowLine8	Point	Do Not Include	DR_PP_CatchBasinFlowLine8
CBAR	Roadway\Barrier	CableBarrier	Linear	Do Not Include	RD_BR_CableBarrier3D
CBB	Roadway\Curb-Gutter-Sidewalk	CurbBack	Linear	Break Line	RD_CG_CurbBackNew
CBLV	Traffic\Traffic Systems	CableVault	Point	Do Not Include	TR_TS_CableVault
CBT	Roadway\Curb-Gutter-Sidewalk	CurbTop	Linear	Break Line	RD_CG_CurbTop
CF	Roadway\Curb-Gutter-Sidewalk	CurbFace	Linear	Break Line	RD_CG_CurbFace
CFTI	Roadway\Curb-Gutter-Sidewalk	CurbTrafficIslandFace	Linear	Break Line	RD_CG_CurbTrafficIslandFace
CGF	Roadway\Curb-Gutter-Sidewalk	CurbAndGutter	Linear	Break Line	RD_CG_CurbAndGutter
CHB	Topography\Natural	ChannelBreakline	Linear	Break Line	TP_NT_ChannelBreakline
CHECK	Terrain\Points	DTMCheck	Point	Do Not Include	TE_PT_DTMCheck
CI	Drainage\Structures	ConcreteInlet	Point	Spot	DR_ST_ConcreteInlet
CMI	Drainage\Structures	CastMetalInlet	Point	Spot	DR_ST_CastMetalInlet
CMPED	Utilities\Communication	CommunicationPedestal	Point	Spot	UT_CM_3DBtm-CommunicationPedestal
COMANT	Utilities\Communication	CommunicationAntenna	Point	Do Not Include	UT_CM_CommunicationAntenna
CPB	Roadway\Edges	ConcretePvmntBreak	Linear	Break Line	RD_ED_ConcretePvmntBreak
CR	Roadway\Edges	CrownofRoad	Linear	Break Line	RD_ED_CrownofRoad
CSA	Environmental\Erosion Control	ContractorSensitiveArea	Linear	Do Not Include	EV_EC_ContractorSensitiveArea
CSP	Topography\Manmade	ConcreteSlopeProtection	Linear	Break Line	TP_MM_ConcreteSlopeProtection
CTRS	Utilities\General Utility Items	CenterOfStructure	Point	Do Not Include	UT_GU_CenterOfStructure
CUL	Drainage\Pipes	Culvert	Linear	Do Not Include	SH_DT_RH_CulvertBottomless
CUTB	Roadway\Edges	CutBottom	Linear	Break Line	RD_ED_CutBottom
CUTT	Roadway\Edges	CutTop	Linear	Break Line	RD_ED_CutTop

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
CWL	Roadway\Markings\Striping	LineCrosswalk	Linear	Do Not Include	RD_MK_LineCrosswalkBar10FtLane
DAM	Topography\Manmade	Dam	Linear	Break Line	EV_EC_CheckDamBioNew
DB	Drainage\Ditches	DitchBottomNoDir	Linear	Break Line	DR_PP_DitchBottomNoDir
DBD	Drainage\Ditches	DitchBottom	Linear	Break Line	DR_PP_DitchBottom
DECK	Topography\Manmade	Deck	Linear	Do Not Include	ST_BG_BridgeDeckLimits
DEL	Roadway\Markings\Striping	LineDottedExtension	Linear	Break Line	RD_MK_LineDottedExtension
DFLD	Utilities\Sanitary Sewer	Drainfield	Linear	Do Not Include	UT_SS_Drainfield
DGA	Utilities\General Utility Items	DownGuyAnchor	Point	Do Not Include	UT_GU_DownGuyAnchor
DI	Drainage\Structures	DropInlet	Point	Spot	DR_ST_DropInlet
DIKE	Topography\Manmade	Dike	Linear	Break Line	EV_EC_InterceptorDikeNew
DIRP	Drainage\Points	DirectionofPipe	Point	Spot	DR_PP_DirectionOfPipe
DLL	Roadway\Markings\Striping	LineDropLane	Linear	Break Line	RD_MK_LineDropLane
DLNE	Roadway\Markings\Striping	LineDbllane	Linear	Break Line	RD_MK_LineDbllane
DOCK	Topography\Manmade	Dock	Linear	Do Not Include	TP_MM_Dock
DP	Drainage\Pipes	DrainPipe	Linear	Do Not Include	DR_PP_DrainPipe
DPND	Drainage\Ponds	DetentionPond	Linear	Break Line	DR_PP_DetentionPond
DPNDB	Drainage\Ponds	DetentionPondBottom	Linear	Break Line	DR_PP_DetentionPondBottom
DTIE	Topography\Manmade	DistanceTie	Linear	Do Not Include	TP_MM_DistanceTie
DW	Drainage\Structures	DryWell	Point	Do Not Include	DR_ST_DryWell
DWL	Roadway\Markings\Striping	LineDottedWide	Linear	Break Line	RD_MK_LineDottedWide
DWS	Roadway\Curb-Gutter-Sidewalk	DetectableWarningSurface	Linear	Break Line	RD_CG_DetectableWarningSurface
DY	Roadway\Markings\Striping	LineDbllYellowCenter	Linear	Break Line	RD_MK_LineDbllYellowCenter
EB	Utilities\Power	ElectBox	Point	Do Not Include	UT_PW_ElectBox
EBST	Roadway\Edges	ShoulderBSTEdge	Linear	Break Line	RD_ED_ShoulderBSTEdge
EDW	Roadway\Edges	DrivewayEdge	Linear	Break Line	RD_ED_DrivewayEdge

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
EGDW	Roadway\Edges	DrivewayGravelEdge	Linear	Break Line	RD_ED_DrivewayGravelEdgeNew
EGS	Roadway\Edges	ShoulderGravelEdge	Linear	Break Line	RD_ED_ShoulderGravelEdge
EL	Roadway\Markings\Striping	LineEdgeWhite	Linear	Break Line	RD_MK_LineEdgeWhite
ELY	Roadway\Markings\Striping	LineEdgeYellow	Linear	Break Line	RD_MK_LineEdgeYellow
ENV DIT	Environmental\Irrigation	Ditch	Linear	Break Line	EV_WE_DitchLineNonJurisdictional
EPDW	Roadway\Edges	DrivewayPavedEdge	Linear	Break Line	RD_ED_DrivewayPavedEdgeNew
EPS	Roadway\Edges	ShoulderPavedEdge	Linear	Break Line	RD_ED_ShoulderPavedEdge
ESBI	Traffic\Illumination	ElectricalServiceCab	Point	Do Not Include	TR_IL_ElectricalServiceCab
EW	Topography\Natural	LargeBodyofWaterEdge	Linear	Break Line	TP_NT_LargeBodyofWaterEdge
FC	Right of Way\Parcels	FenceCorner	Point	Do Not Include	RW_PA_FenceCorner
FDCP		FireDeptConnPost	Point	Do Not Include	UT_WT_FireDeptConnPost
FDCP	Utilities\Water	FireDeptConnPost	Point	Do Not Include	UT_WT_FireDeptConnPost
FDCW		FireDeptConnWall	Point	Do Not Include	UT_WT_FireDeptConnWall
FDCW	Utilities\Water	FireDeptConnWall	Point	Do Not Include	UT_WT_FireDeptConnWall
FE, FEBD	Roadway\Barrier	Fence	Linear	Do Not Include	EV_EC_FenceHighVisConstNew
FH		FireHydrant	Point	Do Not Include	UT_WT_FireHydrant
FH	Utilities\Water	FireHydrant	Point	Do Not Include	UT_WT_FireHydrant
FLBCN	Traffic\Signals	FlashingBeacon	Point	Do Not Include	TR_SG_FlashingBeacon
FLUME	Drainage\Points	Flume	Point	Do Not Include	DR_PP_Flume
FNDN	Topography\Manmade	Foundation	Linear	Do Not Include	TP_MM_Foundation
FPOLE	Topography\Manmade	FlagPole	Point	Do Not Include	TP_MM_FlagPole
FT	Roadway\Edges	FillToe	Linear	Break Line	RD_ED_FillToe
FTOP	Roadway\Edges	FillTop	Linear	Break Line	RD_ED_FillTop
FURN	Environmental\Landscape	Furnishings	Linear	Do Not Include	EV_LS_Furnishings
G	Topography\Natural	Groundselective	Point	Spot	TP_NT_GroundSelective

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
GAS	Utilities\Gas	GasLine	Linear	Do Not Include	UT_GS_GasLine
GATE	Roadway\Barrier	Gate	Point	Spot	EV_IR_ValveGate
GATES	Roadway\Barrier	GateSingle	Point	Spot	RD_BR_GateSingle
GBW	Structures\Walls	GabionWall	Linear	Break Line	ST_WA_GabionWall
GBWB	Structures\Walls	GabionWallBottom	Linear	Break Line	ST_WA_GabionWallBottom
GBWT	Structures\Walls	GabionWallTop	Linear	Break Line	ST_WA_GabionWallTop
GF	Roadway\Curb-Gutter-Sidewalk	GutterFace	Linear	Break Line	RD_CG_GutterFace
GI	Drainage\Structures	GrateInlet	Point	Spot	DR_ST_GrateInlet
GMB	Utilities\Gas	GasMeterBox	Point	Do Not Include	UT_GS_GasMeterBox
GP	Roadway\Barrier	GuidePost	Point	Do Not Include	RD_BR_GuidePost
GPA	Topography\Manmade	GravelParkingArea	Linear	Break Line	TP_MM_GravelParkingArea
GR, GRBD	Roadway\Barrier	Guardrail	Linear	Do Not Include	RD_BR_Guardrail
GRA	Roadway\Barrier	GuardrailAnchor	Point	Spot	RD_BR_GuardrailAnchor
GROD	Utilities\Power	GroundRod	Point	Do Not Include	UT_PW_GroundRod
GTANK	Topography\Manmade	GasTank	Point	Do Not Include	TP_MM_GasTank
GUYL	Utilities\General Utility Items	GuyWire	Linear	Do Not Include	UT_GU_GuyWire
GUYP	Utilities\General Utility Items	GuyPole	Point	Do Not Include	UT_GU_GuyPole
HDG, HDGBD	Topography\Manmade	Hedge	Linear	Do Not Include	RD_ED_BikePathEdge
HDWB	Drainage\Structures	HeadWallBottom	Linear	Break Line	DR_ST_HeadWallBottom
HDWT	Drainage\Structures	HeadWallTop	Linear	Break Line	DR_ST_HeadWallTop
HNDRAIL	Topography\Manmade	HandRail	Linear	Do Not Include	TP_MM_HandRail
IA	Roadway\Barrier	ImpactAttenuator	Point	Do Not Include	RD_BR_ImpactAttenuator
IBX	Environmental\Irrigation	Box	Point	Do Not Include	EV_IR_Box
IM	Environmental\Irrigation	Meter	Point	Spot	EV_IR_Meter
INL	Drainage\Structures	InletGeneric	Point	Spot	DR_ST_InletGeneric

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
INLS	Drainage\Structures	InletSlotted	Linear	Break Line	DR_ST_InletSlotted
IRSH	Environmental\Irrigation	SprinklerHeadFull	Point	Do Not Include	EV_IR_SprinklerHeadFull
IRV	Environmental\Irrigation	Valve	Point	Do Not Include	EV_IR_Valve
JB	Traffic\Illumination\Boxes	JBoxUnknown	Point	Do Not Include	TR_IL_JBoxUnknown
JNT	Roadway\Curb-Gutter-Sidewalk	Joint	Linear	Break Line	RD_CG_Joint
L	Topography\Manmade	YardLight	Point	Do Not Include	TP_MM_YardLight
LAKE	Topography\Natural	LakeEdge	Linear	Break Line	TP_NT_LakeEdge
LB	Environmental\HEC_RAS	LeftBank	Linear	Break Line	EV_HR_LeftBank
LIDA	Terrain\Points	LIDARAirborne	Point	Spot	TE_PT_LIDARAirborne
LIDT	Terrain\Points	LIDARTerrestrial	Point	Spot	TE_PT_LIDARTerrestrial
LIMITM	Roadway\Edges	MeasurementLimit	Linear	Break Line	RD_ED_MeasurementLimit
LL	Roadway\Markings\Striping	LineLane	Linear	Break Line	RD_MK_LineLaneRAsrong
LOB	Environmental\HEC_RAS	LeftOverBank	Linear	Do Not Include	EV_HR_LeftOverBank
LOG	Topography\Natural	Log	Linear	Do Not Include	TP_NT_Log
LPOLE	Traffic\Illumination	LightPole	Point	Do Not Include	TR_IL_LightPole
LWM	Environmental\Landscape	LargeWoodyMaterial	Linear	Break Line	EV_LS_LargeWoodyMaterial
MB	Topography\Manmade	MailBox	Point	Do Not Include	TP_MM_MailBox
MH	Drainage\Structures	Manhole	Point	Do Not Include	DR_ST_ManholeConnectionRegion
MHGU	Utilities\General Utility Items	UtilityManhole	Point	Do Not Include	UT_GU_UtilityManhole
MHPW	Utilities\Power	PowerManhole	Point	Do Not Include	UT_PW_PowerManhole
MHSS	Utilities\Sanitary Sewer	SanSewerManhole	Point	Do Not Include	UT_SS_SanSewerManhole
MHT	Utilities\Communication	TelephoneManhole	Point	Do Not Include	UT_CM_TelephoneManhole
MHW		WaterManhole	Point	Do Not Include	UT_WT_WaterManhole
MHW	Utilities\Water	WaterManhole	Point	Do Not Include	UT_WT_WaterManhole
MNCTL	Traffic\Signing	MonotubeCantilever	Point	Do Not Include	TR_SN_MonotubeCantilever

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
MSTAS	Traffic\Signals	MastArmSign	Point	Do Not Include	TR_SG_MastArmSign
MWEL	Topography\Manmade	MonitorWell	Point	Spot	TP_MM_MonitorWell
NAV	Traffic\Illumination	NavigationLight	Point	Do Not Include	TR_IL_NavigationLight
NB	Roadway\Berm	NoiseBerm	Linear	Break Line	RD_BM_NoiseBerm
NOB	Topography\Natural	Obstruction	Linear	Do Not Include	TP_NT_Obstruction
NPL	Roadway\Markings\Striping	LineNoPass	Linear	Break Line	RD_MK_LineNoPass
NS, NSL	Topography\Natural	NonStandard	Linear	Spot And Break	TP_NT_NonStandard
NWB	Structures\Walls	NoiseWallBottom	Linear	Break Line	ST_WA_NoiseWallBottomNew
NWT	Structures\Walls	NoiseWallTop	Linear	Break Line	ST_WA_NoiseWallTopNew
OBS	Topography\Natural	ObscureArea	Linear	Void	TP_NT_ObscureArea
OCAB	Utilities\Communication	AbvGndCableTV	Linear	Do Not Include	UT_CM_AbvGndCableTV
OCL	Utilities\Communication	AbvGndCommLine	Linear	Do Not Include	UT_CM_AbvGndCommLine
OHTP	Utilities\Power	AbvGndHiTensPowerLine	Linear	Do Not Include	UT_PW_AbvGndHiTensPowerLine
OHWF	Environmental\Wetlands	WaterLineOrdinaryHighFlag	Point	Do Not Include	EV_WE_WaterLineOrdinaryHighFlag
OIL	Utilities\Gas	OilLine	Linear	Do Not Include	UT_GS_OilLine
OOFC	Utilities\Communication	AbvGndFiberOpticCable	Linear	Do Not Include	UT_CM_AbvGndFiberOpticCable
OPOW	Utilities\Power	AbvGndPower	Linear	Do Not Include	UT_PW_AbvGndPower
OTANK	Topography\Manmade	OilTank	Point	Do Not Include	TP_MM_OilTank
OTEL	Utilities\Communication	AbvGndTelephoneLine	Linear	Do Not Include	UT_CM_AbvGndTelephoneLine
OU	Utilities\Multiple Types	AbvGndUtilitiesMulti	Linear	Do Not Include	UT_MT_AbvGndUtilitiesMulti
OULINE	Utilities\General Utility Items	AboveGroundUtilityLine	Linear	Do Not Include	UT_GU_AboveGroundUtilityLine
OUPt	Utilities\General Utility Items	AboveGroundUtilityPoint	Point	Do Not Include	UT_GU_AboveGroundUtilityPoint
OVRSGN	Traffic\Signing	OverheadSign	Point	Do Not Include	TR_SN_OverheadSign
P	Topography\Manmade	Pvmntselective	Point	Spot	TP_MM_PvmntSelective
PAR	Topography\Manmade	PavedArea	Linear	Break Line	RD_ED_PavedAreaNew

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
PATH	Roadway\Edges	PedPathEdge	Linear	Break Line	RD_ED_PedPathEdge
PATIO	Topography\Manmade	Patio	Linear	Do Not Include	EV_LS_SoilDecompositionArea
PBBP	Traffic\Signals\Pedestrian	PedPushButtonPost	Point	Do Not Include	TR_SG_PedPushButtonPost
PBUT	Traffic\Signals\Pedestrian	PedPushButton	Point	Do Not Include	TR_SG_PedPushButton
PBX	Utilities\Power	PowerBox	Point	Do Not Include	UT_PW_PowerBox
PH	Utilities\General Utility Items	PotholeLocation	Point	Do Not Include	UT_GU_PotholeLocation
PILE	Topography\Manmade	Piling	Point	Do Not Include	TP_MM_Piling
PIPE	Topography\Manmade	Pipe	Linear	Do Not Include	SF_TC_PipeZoneBackfill
PIPEFL	Drainage\Points	FlowLineForPipes	Point	Do Not Include	DR_PP_FlowLineForPipes
PM	Topography\Manmade	ParkingMeter	Point	Do Not Include	TP_MM_ParkingMeter
PMB	Utilities\Power	PowerMeterBox	Point	Do Not Include	UT_PW_PowerMeterBox
POND	Topography\Natural	PondEdge	Linear	Contour	TP_NT_PondEdge
PONDB	Topography\Natural	PondBottom	Linear	Contour	TP_NT_PondBottom
POSTM	Topography\Manmade	PostMetal	Point	Do Not Include	TP_MM_PostMetal
POSTW	Topography\Manmade	PostWood	Point	Do Not Include	TP_MM_PostWood
POWPAN	Traffic\Traffic Systems	PowerPanel	Point	Do Not Include	TR_TS_PowerPanel
PP	Utilities\Power	PowerPole	Point	Do Not Include	UT_PW_PowerPole
PPA	Topography\Manmade	PavedParkingArea	Linear	Break Line	RD_ED_PavedParkingAreaNew
PTRC	Traffic\Traffic Systems	PermTrafficRecorderCab	Point	Do Not Include	TR_TS_PermTrafficRecorderCab
RB	Environmental\HEC_RAS	RightBank	Linear	Break Line	EV_HR_RightBank
RESV	Topography\Manmade	Reservoir	Linear	Break Line	TP_MM_Reservoir
RHA	Environmental\River Hydraulics	Anchor	Point	Do Not Include	EV_RH_Anchor
RIP	Topography\Manmade	RipRapEdge	Linear	Break Line	TP_MM_RipRapEdge
RIV	Topography\Natural	RiverEdge	Linear	Break Line	TP_NT_RiverEdge
RLL	Roadway\Markings\Striping	LineReversibleLane	Linear	Break Line	RD_MK_LineReversibleLane

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
RMSG	Traffic\Signals\Ramp-Signal	RampMeterSignal	Point	Do Not Include	TR_SG_RampMeterSignal
RMSGL	Traffic\Signals\Ramp-Signal	RampMeterSignalLT	Point	Do Not Include	TR_SG_RampMeterSignalLT
RMSGR	Traffic\Signals\Ramp-Signal	RampMeterSignalRT	Point	Do Not Include	TR_SG_RampMeterSignalRT
ROADEGG	Roadway\Edges	GenericEdgeGravel	Linear	Break Line	RD_ED_GenericEdgeGravel
ROB	Environmental\HEC_RAS	RightOverBank	Linear	Do Not Include	EV_HR_RightOverBank
ROCK	Topography\Natural	Rock	Point	Spot	TP_NT_RockLine
ROCKL	Topography\Natural	RockLine	Linear	Break Line	TP_NT_RockLine
ROWM	Right of Way\Boundaries	RWMarker	Point	Do Not Include	RW_BD_RWMarker
ROWMC	Right of Way\Boundaries	RWMarkerCalcd	Point	Do Not Include	RW_BD_RWMarkerCalcd
ROWMF	Right of Way\Boundaries	RWMarkerFound	Point	Do Not Include	RW_BD_RWMarkerFound
ROWMNF	Right of Way\Boundaries	RWMarkerNotFound	Point	Do Not Include	RW_BD_RWMarkerNotFound
RPML	Roadway\Markings\Striping	LineRPMSkip	Linear	Break Line	RD_MK_LineRPMSkip
RPMLS	Roadway\Markings\Striping	LineRPMSolid	Linear	Break Line	RD_MK_LineRPMSolid
RR, RRBD	Topography\Manmade	RRCenterTracks	Linear	Do Not Include	TP_MM_RRCenterTracks
RRS	Roadway\Markings\Symbols	RRSymb	Point	Do Not Include	RD_MK_RRSymb
RRSA	Roadway\Markings\Symbols	RRSymbAlt	Point	Do Not Include	RD_MK_RRSymbAlt
RRT	Topography\Manmade	RRRailTop	Linear	Do Not Include	TP_MM_RRRailTop
RWB	Structures\Walls	RetainingWallBottom	Linear	Break Line	ST_WA_RetainingWallBottomNew
RWT	Structures\Walls	RetainingWallTop	Linear	Break Line	ST_WA_RetainingWallTopNew
SAW	Roadway\Edges	Sawcut	Linear	Break Line	RD_ED_Sawcut
SCAB	Traffic\Signals	ElectServiceCabinet	Point	Do Not Include	TR_SG_ElectServiceCabinet
SCL	Roadway\Markings\Striping	LineSkipCenter	Linear	Break Line	RD_MK_LineSkipCenter
SE	Terrain\Existing	SpotElevation	Point	Spot	TE_EX_SpotElevation
SEW	Utilities\Sanitary Sewer	SanSewerLine	Linear	Do Not Include	UT_SS_SanSewerLine
SF	Roadway\Edges	StressFracture	Linear	Do Not Include	RD_ED_StressFracture

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
SGP	Traffic\Signals\Ramp-Signal	SignalPoleUnknown	Point	Do Not Include	TR_SG_SignalPoleUnknown
SH	Traffic\Signals\Ramp-Signal	SignalHead	Point	Do Not Include	SH_TI_DbISignalHeadDetail
SHARROW	Roadway\Markings\Symbols	SharedLaneSymb	Point	Do Not Include	RD_MK_SharedLaneSymbNew
SIGN	Traffic\Signing	Sign	Point	Do Not Include	SH_GI_TitleBlockTagText_Design
SIGNb	Traffic\Signing	SignDblePost	Point	Do Not Include	TR_SN_SignDblPost
SIGNc	Traffic\Signing	SignTriplePost	Point	Do Not Include	TR_SN_SignTriplePost
SIGNd	Traffic\Signing	SignFourPost	Point	Do Not Include	TR_SN_SignFourPost
SL	Roadway\Markings\Striping	LineStop	Linear	Do Not Include	RD_MK_LineStop
SLAB	Topography\Manmade	ConcreteSlab	Linear	Break Line	TP_MM_ConcreteSlab
SN	Topography\Natural	Sounding	Point	Spot	TP_NT_Sounding
SOILP	Environmental\Wetlands	SoilPit	Point	Spot	TE_PT_SoilPit
SPB	Topography\Manmade	StockpileBottom	Linear	Break Line	TP_MM_StockpileBottom
SPG	Drainage\Ponds	Spring	Linear	Break Line	DR_PP_Spring
SPT	Topography\Manmade	StockpileTop	Linear	Break Line	TP_MM_StockpileTop
SSCO	Utilities\Sanitary Sewer	SanSewerCleanOut	Point	Do Not Include	UT_SS_SanSewerCleanOut
SSFLP	Utilities\Sanitary Sewer	FlowlinePoint	Point	Do Not Include	UT_SS_FlowlinePoint
SSLBRK	Environmental\River Hydraulics	StreamSlopeBreak	Linear	Break Line	EV_RH_StreamSlopeBreak
STAIR	Topography\Manmade	Stair	Linear	Do Not Include	TP_MM_Stair
STMCO	Drainage\Structures	StormSewerCleanOut	Point	Do Not Include	DR_ST_StormSewerCleanOut
STMCON	Utilities\Power	SteamConduit	Linear	Do Not Include	UT_PW_SteamConduit
SW	Roadway\Curb-Gutter-Sidewalk	Sidewalk	Linear	Break Line	RD_CG_SidewalkBackNew
SWB	Roadway\Curb-Gutter-Sidewalk	SidewalkBack	Linear	Break Line	RD_CG_SidewalkBackNew
SWF	Roadway\Curb-Gutter-Sidewalk	SidewalkFace	Linear	Break Line	RD_CG_SidewalkFaceBottomNew
SWR	Roadway\Curb-Gutter-Sidewalk	SidewalkRamp	Linear	Break Line	RD_CG_SidewalkRamp
T, TBD	Topography\Natural	TreeByCenter	Point	Do Not Include	TP_NT_TreeByCenter

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
TAa	Roadway\Markings\Symbols	TrafficArrowType1	Point	Do Not Include	RD_MK_TrafficArrowType1S
TABS	Roadway\Markings\Symbols	TrafficArrowType5S	Point	Do Not Include	RD_MK_TrafficArrowType5S
TAbsL	Roadway\Markings\Symbols	TrafficArrowType2SL	Point	Do Not Include	RD_MK_TrafficArrowType2SL
TAbsR	Roadway\Markings\Symbols	TrafficArrowType2SR	Point	Do Not Include	RD_MK_TrafficArrowType2SR
TAcL	Roadway\Markings\Symbols	TrafficArrowType3L	Point	Do Not Include	RD_MK_TrafficArrowType3L
TAcR	Roadway\Markings\Symbols	TrafficArrowType3R	Point	Do Not Include	RD_MK_TrafficArrowType3R
TAdS	Roadway\Markings\Symbols	TrafficArrowType4S	Point	Do Not Include	RD_MK_TrafficArrowType4S
TAe	Roadway\Markings\Symbols	TrafficArrowType5	Point	Do Not Include	RD_MK_TrafficArrowType5
TAfSL	Roadway\Markings\Symbols	TrafficArrowType6SL	Point	Do Not Include	RD_MK_TrafficArrowType6SL
TAfSR	Roadway\Markings\Symbols	TrafficArrowType6SR	Point	Do Not Include	RD_MK_TrafficArrowType6SR
TAg	Roadway\Markings\Symbols	TrafficArrowType7	Point	Do Not Include	RD_MK_TrafficArrowType7S
TAL	Roadway\Markings\Symbols	TrafficArrowType2L	Point	Do Not Include	RD_MK_TrafficArrowType2L
TALF	Roadway\Markings\Symbols	TrafficArrowType6L	Point	Do Not Include	RD_MK_TrafficArrowType6L
TALR	Roadway\Markings\Symbols	TrafficArrowType4	Point	Do Not Include	RD_MK_TrafficArrowType4
TALRS	Roadway\Markings\Symbols	TrafficArrowType7S	Point	Do Not Include	RD_MK_TrafficArrowType7S
TALS	Roadway\Markings\Symbols	TrafficArrowType3SL	Point	Do Not Include	RD_MK_TrafficArrowType3SL
TANK	Topography\Manmade	Tank	Point	Do Not Include	TP_MM_GasTank
TAR	Roadway\Markings\Symbols	TrafficArrowType2R	Point	Do Not Include	RD_MK_TrafficArrowType2R
TARAL	Roadway\Markings\Symbols	TrafficArrowRATypeL	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC
TARALC	Roadway\Markings\Symbols	TrafficArrowRATypeLC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLC
TARALR	Roadway\Markings\Symbols	TrafficArrowRATypeLR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLR
TARALRC	Roadway\Markings\Symbols	TrafficArrowRATypeLRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLRC
TARALT	Roadway\Markings\Symbols	TrafficArrowRATypeLT	Point	Do Not Include	RD_MK_TrafficArrowRATypeLT
TARALTC	Roadway\Markings\Symbols	TrafficArrowRATypeLTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTC
TARALTR	Roadway\Markings\Symbols	TrafficArrowRATypeLTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTR

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
TARALTRC	Roadway\Markings\Symbols	TrafficArrowRATypeLTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeLTRC
TARAT	Roadway\Markings\Symbols	TrafficArrowRATypeT	Point	Do Not Include	RD_MK_TrafficArrowRATypeT
TARATC	Roadway\Markings\Symbols	TrafficArrowRATypeTC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTC
TARATR	Roadway\Markings\Symbols	TrafficArrowRATypeTR	Point	Do Not Include	RD_MK_TrafficArrowRATypeTR
TARATRC	Roadway\Markings\Symbols	TrafficArrowRATypeTRC	Point	Do Not Include	RD_MK_TrafficArrowRATypeTRC
TARF	Roadway\Markings\Symbols	TrafficArrowType6R	Point	Do Not Include	RD_MK_TrafficArrowType6R
TARS	Roadway\Markings\Symbols	TrafficArrowType3SR	Point	Do Not Include	RD_MK_TrafficArrowType3SR
TAS	Roadway\Markings\Symbols	TrafficArrowType1S	Point	Do Not Include	RD_MK_TrafficArrowType1S
TBDE	Topography\Natural	TreeByEdge	Point	Do Not Include	TP_NT_TreeByEdge
TBTH	Utilities\Communication	TelephoneBooth	Point	Do Not Include	UT_CM_TelephoneBooth
TBX	Utilities\Communication	TelephoneBox	Point	Do Not Include	UT_CM_TelephoneBox
TH	Topography\Natural	Thalweg	Linear	Break Line	TP_NT_Thalweg
TL	Topography\Natural	TreeLine	Linear	Do Not Include	TP_NT_TreeLine
TLRTSN	Traffic\Traffic Systems	TollRateSign	Point	Do Not Include	TR_TS_TollRateSign
TOLLCAB	Traffic\Traffic Systems	TollCabinet	Point	Do Not Include	TR_TS_TollCabinet
TP	Utilities\Communication	TelephonePole	Point	Do Not Include	UT_CM_TelephonePole
TPL	Topography\Natural	TopographyLimit	Linear	Break Line	TP_NT_TopographyLimit
TPLC	Topography\Natural	TopographyLimitClosed	Linear	Boundary	TP_NT_TopographyLimitClosed
TRAIL	Topography\Manmade	Trail	Linear	Break Line	AL_RW_CLineTrail
TRCAN	Traffic\Signing	TrussCantilever	Point	Do Not Include	TR_SN_TrussCantilever
TRFCB	Traffic\Traffic Systems	TransformerCabinet	Point	Do Not Include	TR_TS_TransformerCabinet
TRSGBG	Traffic\Signing	TrussSignBridge	Point	Do Not Include	TR_SN_TrussSignBridge
TRTBR	Environmental\Landscape	TreeToBeRemoved	Point	Spot	EV_LS_TreeToBeRemoved
TSL	Traffic\Signals\Detection Loops	SignalLoopUnknown	Point	Do Not Include	TR_SG_SignalLoopUnknown
TTCAB	Traffic\Traffic Systems	TerminalCabinet	Point	Do Not Include	TR_TS_FiberTerminalCabinet

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
TUN	Structures\Tunnels	Tunnel	Linear	Do Not Include	RD_ED_PvmntBreakTunnel
TVCB	Traffic\Traffic Systems	CCTVControlCabinet	Point	Do Not Include	TR_TS_CCTVControlCabinet
TWLT	Roadway\Markings\Striping	LineTwoWayLTTurn	Linear	Break Line	RD_MK_LineTwoWayLTTurn
UBX	Utilities\General Utility Items	UtilityBox	Point	Do Not Include	UT_GU_UtilityBox
UCAB	Utilities\Communication	UndGndCableTV	Linear	Do Not Include	UT_CM_UndGndCableTV
UCB	Utilities\Communication	UndGndCableBox	Point	Do Not Include	UT_CM_UndGndCableBox
UCL	Utilities\Communication	UndGndCommLine	Linear	Do Not Include	UT_CM_UndGndCommLine
UCP	Traffic\Signals	UtilityCompanyPedestal	Point	Do Not Include	TR_SG_UtilityCompanyPedestal
ULOBJM	Topography\Manmade	UnknownLinearObject	Linear	Do Not Include	TP_MM_UnknownLinearObject
UMP	Utilities\General Utility Items	UtilityMarkerPost	Point	Do Not Include	UT_GU_UtilityMarkerPost
UOBJM	Topography\Manmade	UnknownObject	Point	Do Not Include	TP_MM_UnknownObject
UOFC	Utilities\Communication	UndGndFiberOptic	Linear	Do Not Include	UT_CM_UndGndFiberOptic
UP	Utilities\General Utility Items	UtilityPole	Point	Do Not Include	UT_GU_UtilityPole
UPD	Utilities\Communication	UnknownPedestal	Point	Do Not Include	UT_CM_UnknownPedestal
UTANK		UndGndTank	Point	Do Not Include	UT_WT_UndGndTank
UTB	Utilities\Communication	UndGndTelephoneBox	Point	Do Not Include	UT_CM_UndGndTelephoneBox
UTEL	Utilities\Communication	UndGndTelephoneCable	Linear	Do Not Include	UT_CM_UndGndTelephoneCable
UUM	Utilities\Multiple Types	UndGndUtilitiesMulti	Linear	Do Not Include	UT_MT_UndGndUtilitiesMulti
VAULT	Utilities\General Utility Items	UtilityVault	Point	Do Not Include	UT_GU_UtilityVault
VAULTC	Utilities\Communication	UndGndCommunicationVault	Point	Do Not Include	UT_CM_UndGndCommunicationVault
VAULTPW	Utilities\Power	UndGndPowerVault	Point	Do Not Include	UT_PW_UndGndPowerVault
VAULTW	Utilities\Water	UndGndWaterVault	Point	Do Not Include	UT_WT_UndGndWaterVault
VAULTW		UndGndWaterVault	Point	Do Not Include	UT_WT_UndGndWaterVault
VB	Utilities\General Utility Items	Valvebox	Point	Do Not Include	UT_GS_ValveBoxGas
VENT	Utilities\General Utility Items	Vent	Point	Do Not Include	EV_WE_BndryWetlandInventoryNew

S2.03 Survey Field Codes by Code

The alphabetical field code listing below provides a complete list of WSDOT standard survey feature by field code. The paths may include sub-categories. The Alpha Code represents the assigned field code for each feature.

Terrain Attribute indicates 2D (Do Not Include), void boundaries (Void) or 3D (all others).

Alpha Code	Path/Category	Description	Point/Line	Terrain Attribute	Level
VGATE	Environmental\Irrigation	ValveGate	Point	Do Not Include	EV_IR_ValveGate
VRA		ValveRelease	Point	Do Not Include	UT_WT_ValveRelease
VW		ValveBoxWater	Point	Do Not Include	UT_WT_ValveBoxWater
WAT		WaterLine	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew
WAT	Utilities\Water	WaterLine	Linear	Do Not Include	EV_WE_WaterLineMeanHighNew
WATDA		WaterLineDeactive	Linear	Do Not Include	UT_WT_WaterLineDeactive
WC	Roadway\Curb-Gutter-Sidewalk	CurbWoodenFace	Linear	Break Line	RD_CG_CurbWoodenFace
WE	Topography\Natural	WaterEdge	Linear	Break Line	EV_WE_WaterEdgeStream
WEIR	Topography\Manmade	Weir	Linear	Break Line	TP_MM_Weir
WELL	Topography\Manmade	Well	Point	Do Not Include	TP_MM_MonitorWell
WL	Roadway\Markings\Striping	LineWide	Linear	Break Line	RD_MK_LineWideDottedLaneNew
WLF	Environmental\Wetlands	Flag	Point	Spot	EV_WE_WetlandFlag
WLS	Roadway\Markings\Striping	LineSkipWide	Linear	Break Line	RD_MK_LineSkipWide
WLSF	Environmental\Wetlands	WetlandSampleFlag	Point	Do Not Include	EV_WE_WetlandSampleFlag
WMB	Utilities\Water	WaterMeterBox	Point	Do Not Include	UT_WT_WaterMeterBox
WMB		WaterMeterBox	Point	Do Not Include	UT_WT_WaterMeterBox
WTANK	Topography\Manmade	WaterTank	Point	Do Not Include	TP_MM_WaterTank
WWB	Drainage\Structures	WingWallBottom	Linear	Break Line	DR_ST_WingWallBottom
WWT	Drainage\Structures	WingWallTop	Linear	Break Line	DR_ST_WingWallTop
YAHDa	Roadway\Markings\Symbols	YieldAheadSymbType1	Point	Do Not Include	RD_MK_YieldAheadSymbType1
YAHDb	Roadway\Markings\Symbols	YieldAheadSymbType2	Point	Do Not Include	RD_MK_YieldAheadSymbType2
YLDa	Roadway\Markings\Symbols	YieldSymbType1	Point	Do Not Include	RD_MK_YieldSymbType1
YLDb	Roadway\Markings\Symbols	YieldSymbType2	Point	Do Not Include	RD_MK_YieldSymbType2