

## HMS Toolbar









### AddIn Installation:

Double-click on the following AddIn file before opening ArcMap:

V:\Projects\Shared\Mapping\HighwayMappingSystem\HMS\_Scripts\Add\_Ins\RoadSplitTool.esriAddIn

### Button Use:

The “Use Tips” indicate which features must be selected before clicking the button to execute the tool’s action.

ICON	CLASS NAME	TOOL TYPE	TOOL TIP	USE TIPS	DESCRIPTION
	RoadSplitButton1	Button	Split rdsmall by distance	Select 1 rdsmall feature	Splits selected rdsmall feature by executing Esri’s “SplitCommand,” and updates ARCID, FAID, ARCMILES, UPDACT = S, SRCORG = 26
	UpdateRoadAttributes	Button	Assign ArcID and FAID values to newly split arcs	Select 2 rdsmall features resulting from manual use of Esri’s Split Tool	Intended to be used ONLY with TWO new arcs created using Esri’s Split Tool. Updates attributes of two selected rdsmall features. SEGMENTID = Null, ARCID, FAID, ARCMILES, UPDACT = S, SRCORG = 26. Populates AOTMILES by allocating original, pre-split) value at the same proportion as length of the newly split arcs, rounded to 2 decimal places for local or non-public roads and 3 decimal places for state roads.
	UnsplitTool	Button	Unsplit rdsmall arcs	Select 2 features	Unsplits two selected rdsmall features and updates attributes: SEGMENTID = Null, ARCID, FAID, ARCMILES, UPDACT = U, SRCORG = 26, AOTMILES = Sum of unsplit arcs, StartNodeID and EndNodeID (dropping the NodeID that original arcs had in common).
	UpdateArcIDButton	Button	Assign new ArcID and FAID values to selected arc	Select 1 rdsmall feature	Updates ARCID and FAID values of the (single) selected rdsmall feature.
	ERoadsAttributeTransferButton	Button	ERoads to rdsmall Attribute Transfer	Select 1 rdsmall feature and 1 ERoads feature	Transfers values of all E911 fields from selected ERoads feature to selected rdsmall feature.
	CopyE911Arc	Button	Copy E911 Arc	Select 1 ERoads feature	Copies the selected ERoads feature, adds feature to rdsmall. transfers values of all E911 fields, calculates Town-based fields according to townindex, sets default values for VTrans fields <b>assuming road is private</b> , and sets attributes: ARCID, FAID, ARCMILES, UPDACT = A, SRCORG = 24. This button does NOT set values of LOCMETH, Urban_Code, Facility_Type, StartNodeID, EndNodeID, or Ownership.
	UpdateRoadAttributesAddNode	Button	Update rtlogpt PointID	Select 1 rtlogpts feature	Updates POINTID attribute of selected rtlogpts point to a value one greater than the greatest pre-existing value
	UpdateRoadAttributesAddNode	Button	Make sure GDB_HMS Nodes layer is in map document	Select 2 rdsmall features resulting from manual use of Esri’s Split Tool	Same as UpdateRoadAttributes, but also adds a Node feature to GDB_HMS Nodes.