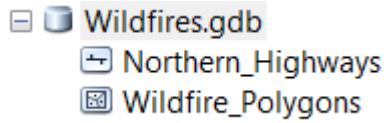


QUIZ#6: Mileage to Enter Wildfires

Download the and unzip **quiz6_Wildfires.zip** from :
http://dverbyla.net/nrm435/quiz_data_2017/



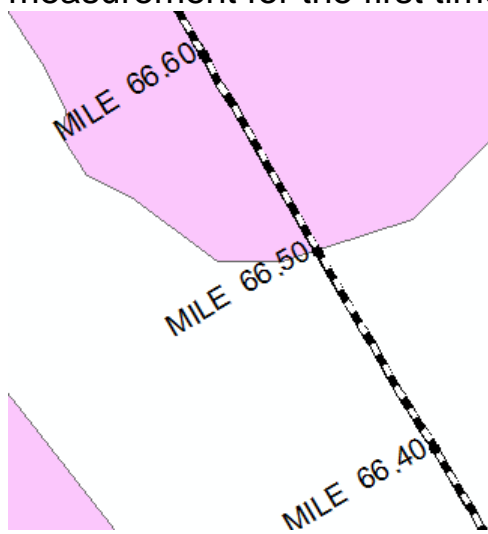
The line feature class represents roads in the northern Alaska measured in miles.

Northern_Highways	
Shape *	ROAD_NAME
Polyline M	Elliott Hwy
Polyline M	James Dalton Hwy
Polyline M	Steese Hwy

The polygons represent wildfire polygons since 2000

Wildfire_Polygons			
Shape *	FireName	FireYear	
Polygon	Kandik River	2005	
Polygon	Slate Creek	2007	
Polygon	Folger Creek	2008	
Polygon	Veh-Tenjerlow	2008	
Polygon	Tiinkdhul Lake	2008	
Polygon	Kiliovilik	2007	
Polygon	McKinley River	2007	

For each that burned across a highway, determine the starting mileage measurement for the first time highway enters the burn.



As an example, starting mileage would be 66.50 miles

Show these starting mileage values in a table in your geodatabase sorted by highway name and mileage, but also include fire name and year.

ROAD_NAME	FireName	FireYear	Mileage_Entering_Burn
Elliott Hwy	Aggie Creek	2015	0.0
Elliott Hwy	Cascaden Ridge	2010	0.0
Elliott Hwy	Milepost 78	2002	0.0
Elliott Hwy	Applegate Creek	2007	0.0
Elliott Hwy	Applegate	2010	0.0
Elliott Hwy	Baker	2015	0.0
James Dalton Hwy	Erickson Creek	2003	0.0
James Dalton Hwy	Fish Creek	2005	0.0

Email me (dlverbyla@alaska.edu) your map package *mpk* file. (not your .mxd file) as an attachment