**Lab 9 实验操作报告**

曾熙 12212754

**Exercise 1**

a. 添加Visitor Center图标，并编辑属性

b. 用Create Features对Local road进行矢量化

c. 创建新的polygon feature template: Tracts

d. 画polygon feature: straight segment/midpoint工具的使用

**Exercise 2**

a. 定义新feature: buffer zones

b. 利用创建的buffer zones template在地图上创建新的feature

c. 编辑polygon feature

-在buffer zones中间挖洞

-切割polygon 沿stream把Goose Creek切成两块（Cut Polygon+Trace）

d. 编辑顶点和片段

-直线改smooth curve (circular, Bezier)

**Exercise 3**

a. Labels转annotation

b. edit annotation

-place, 使annotation沿feature线显示

-stack, 转角度

-创建annotation (follow the edge of a line)

**Exercise 4**

a. 查看shared topology edge，编辑更改shared topology edge:

-Reshape edge

-Moving a shared node (按住"N"使选择限定在node中）

b. 用geodatabase修正line errors

-创建新的geodatabase topology并添加到地图中

-根据创建的规则查询Errors，并进行修正（Overshoot-Trim, Undershoot-Extend, Double-digitalized - Select&Delete)

-Review修正区域（Dirty Area, Validate)

-多选批量修正

**Exercise 5 Transforming data**

a. Adding new displacement links, adjust the data

b. Rubbersheeting data

-Adding multiple displacement links

-Adding identity links

c. Edgematching Data

-Adjust properties

-Adding displacement links (Edge match)

d. Transferring Attributes between features

-match对应feature attributes (Attribute Transfer Tool)