Data Preparation

1. Land Use
   - Extract
   - Output
   - Rasterize
   - Output

2. Lane County
   - Extract
   - Output
   - Rasterize
   - Output

3. Census
   - Extract
   - Output
   - Rasterize
   - Output

4. Road Network
Model

Land Use Raster

- Extract
- Forest/Agric. Raster

Urban Raster

- Euclidean distance

Distance to Urban

Proposed Urban

Overlay

New Urban

Overlay
Model

$T = 1$

Land Use Raster → extract → Urban Raster

extract → Forest/ Agric. Raster → Euclidean distance → Distance to Urban → reclass → Proposed Urban Overlay

New Urban

$T = 2$

Land Use Raster → extract → Urban Raster

extract → Forest/ Agric. Raster → Euclidean distance → Distance to Urban → reclass → Proposed Urban Overlay

New Urban

$T = 3$

Land Use Raster → extract → Urban Raster

extract → Forest/ Agric. Raster → Euclidean distance → Distance to Urban → reclass → Proposed Urban Overlay

New Urban