Locating a Suitable Site for a Professional Football Stadium in the Portland Metro Area

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Geog 492 – Winter 2011

http://www.corbisimages.com/Enlargement/42-17914457.html

Background

- 8 Games per Season
- 100,000 Fans for College Football
- Every Team has Positive Income

https://www.mattleinartfoundation.org/donate-today/gift-shop/
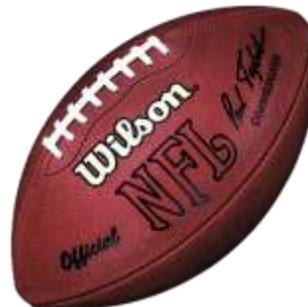
Data Used

- Portland Metro Area Boundary
- Major Arterials
- Light Rail
- Zoning

From RLIS
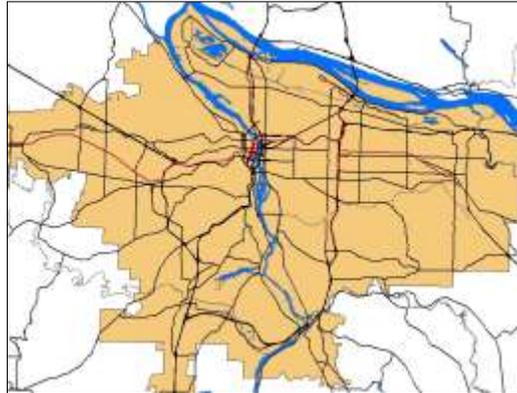
Analysis

Zoning
Needed to
rasterize and
reclass into
a useable
layer.
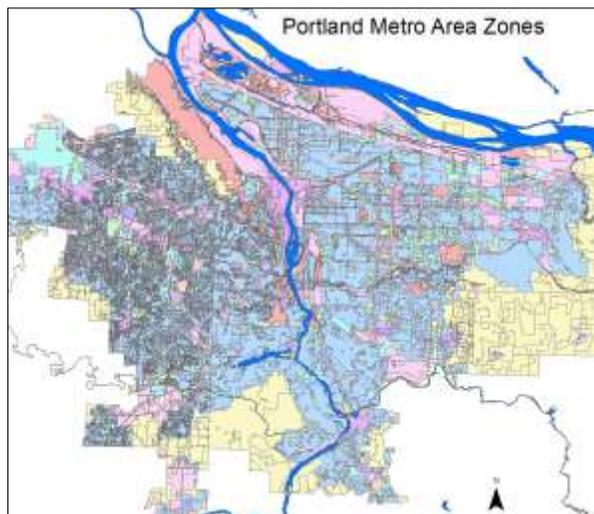
Analysis

Zoning

Rasterized & reclassed. Commercial & mixed use residential are suitable areas.
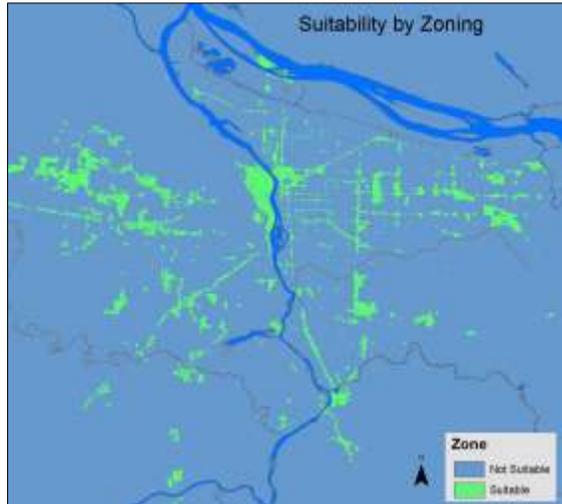

Analysis

Max Line & Maj Arterials

Half mile euclidean distance buffer.
(3 classes)

# Analysis

Max Line &
Maj Arterials
Overlayed
the layers.
Left it as
three
classes.
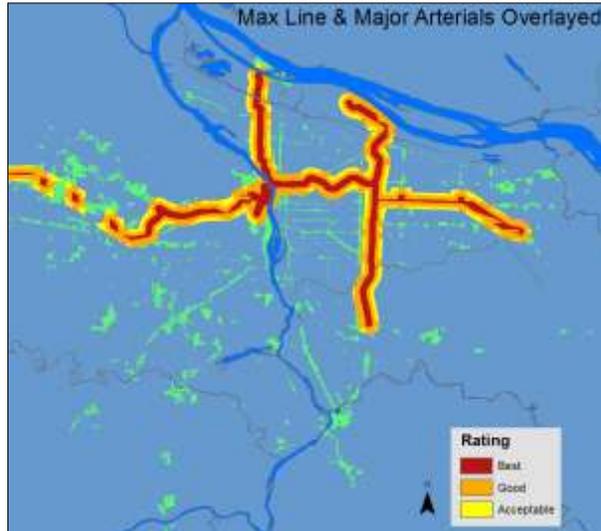
Analysis

Zoning &
Transportation
Overlayed to
show all
potential sites
for a football
stadium.
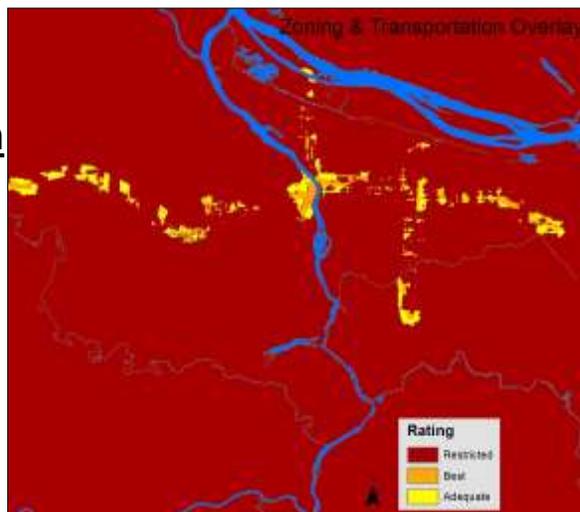
Results
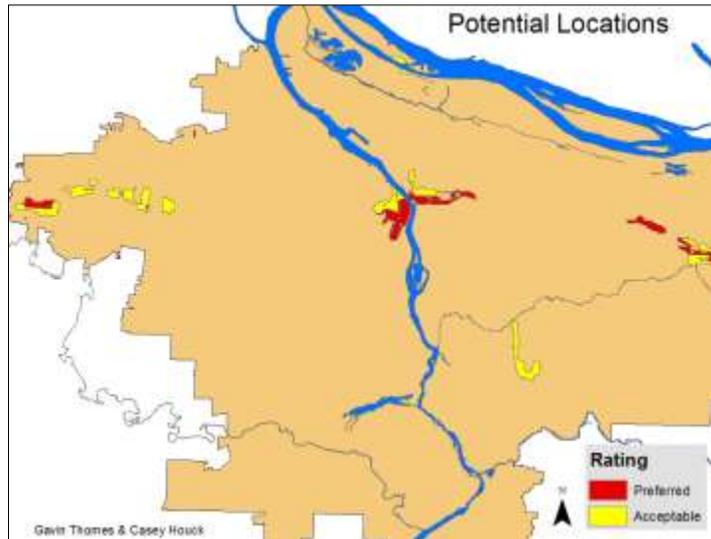
Suggestions

- Use Parks Data.
- Use Building Data to take into account current occupants of lots.
- Consider using different zones.

http://cmkelham.files.wordpress.com/2010/09/nfl-logo.jpg